

SELF STUDY REPORT

Submitted to

NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL (NAAC)



Submitted by



**VEL TECH HIGH TECH
Dr.RANGARAJAN Dr.SAKUNTHALA
ENGINEERING COLLEGE**

(Approved by AICTE, Affiliated to Anna University, Chennai &
ISO 9000:2008 Certified Institution & Accredited to NBA)

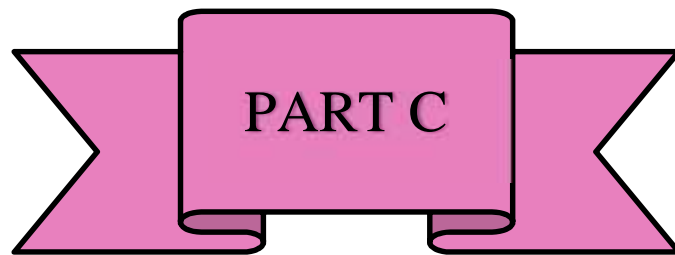
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PART:C

(Volume:2/2)

April-2016



Evaluative Report of the Departments

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	Declaration by Head of the Institution	

1. **Name of the department** : CIVIL ENGINEERING
2. **Year of Establishment** : 2002
3. **Names of Programmes / Courses Offered:**

S.No	Level	Degree	Name of the Course
1	U.G.	B.E.	Civil Engineering Started in 2002, with intake 60, AICTE File No:730-52-447(E)/ET/2002 Increased to intake 120 in the Academic year 2009-10. Affiliated to Anna University Chennai.
2	P.G.	M.E.	Structural Engineering Started in 2011, with intake 18 AICTE File No: Southern/1-396134263/2011/EOA. Affiliated to Anna University Chennai.

4. Names of Interdisciplinary courses and the departments / units involved:

S.No	Semester	Subject Code	Subject Name	Department Handled
1	I	HS6151	Technical English-I	Science & Humanities
2	I	MA6151	Mathematics -I	Science & Humanities
3	I	PH6151	Engineering physics-I	Science & Humanities
4	I	CY6151	Engineering chemistry-I	Science & Humanities
5	I	GE6151	Computer programming	Information Technology
6	II	HS6251	Technical English-II	Science & Humanities
7	II	MA6251	Mathematics -II	Science & Humanities
8	II	PH6251	Engineering physics-II	Science & Humanities
9	II	CY6251	Engineering chemistry-II	Science & Humanities
10	II	GE6252	Basic Electrical & Electronics Engineering	Electrical and Electronics Engineering
11	III	MA6351	Transforms and Partial Differential Equations	Science & Humanities
12	IV	MA6459	Numerical Methods	Science & Humanities
13	V	GE6563	GE 6563 Communication skills Laboratory	Science & Humanities
14	VI	GE6075	Professional Ethics in Engineering	Master of Business Administration
15	VII	MG6851	Principles of Master of Business	Master of Business Administration

5. Annual/ semester/choice based credit system (Programme wise)

S.No	Degree	Courses Offered	System followed
1	B.E.	Civil Engineering	Semester based credit system
2	M.E.	Structural Engineering	Semester based credit system

6. Participation of the department in the courses offered by other departments

S.No.	Semester	Name of the Course	Course offered to the department
1	I	GE6152-Engineering Graphics	Bio Tech, Chemical, EEE, Mech
2	II	GE6252-Basic Civil & Mechanical Engineering	Bio Tech, Chemical, EEE, Mech

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

NOT APPLICABLE

8. Details of courses / programmes discontinued (if any) with reasons:

Nil

9. Number of teaching posts: UG

Post	Sanctioned	Filled
Professors	2	2
Associate Professors	4	Nil
Asst. Professors	18	23

Number of teaching posts: PG

Post	Sanctioned	Filled
Professors	1	1
Associate Professors	Nil	Nil
Asst. Professors	2	3

10. Faculty profile with name, qualification, designation, specialization:

<i>Under Graduation</i>						
S.No	Name	Qualification	Designation	Specialization	No. of Years of Experience As on 29-2-16	No. of Ph.D. Students guided for the last 4 years
1	Dr.M.Thiruvengadam	Ph.D	Professor	Hydraulics & water resources Engineering	24	Nil
2	Dr.D.Sivakumar	Ph.D	Professor	Hydraulics & water resources Engineering	17	Nil
3	Mr.M.Manoj Kumar	M.E	Assistant Professor	Integrated water resource and Management	2.6	Nil
4	Mr.M.Ammaiappan	M.E	Assistant Professor	Geotechnical Engineering	2.7	Nil
5	Mr.A.Nanda Kumar	M.Tech	Assistant Professor	Construction Engineering & management	2.8	Nil
6	Mr.J.Rajaganapathy	M.E	Assistant Professor	Environmental Management	2.8	Nil

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7	Mr.K Deventhiran	M.E	Assistant Professor	Geo-Infomatics	2.6	Nil
8	Ms.G.Jenitha	M.E	Assistant Professor	Structural Engineering	1.2	Nil
9	Ms.E.Priyadharshini	M.E	Assistant Professor	Structural Engineering	0.8	Nil
10	Mr.R.Suresh.	M.Tech	Assistant Professor	Structural Engineering	0.8	Nil
11	Ms.G.Dhanalakshmi	M.E	Assistant Professor	Structural Engineering	0.8	Nil
12	Ms.D.Tamilselvi	M.E	Assistant Professor	Structural Engineering	0.8	Nil
13	Ms.K.Gayathiri	M.E	Assistant Professor	Structural Engineering	0.8	Nil
14	Ms.R.Anitha selvakumari	M.E	Assistant Professor	Structural Engineering	0.8	Nil
15	Mr.A.Ashok kumar	M.E	Assistant Professor	Structural Engineering	0.8	Nil
16	Ms.C.Banupriya	M.E	Assistant Professor	Structural Engineering	0.8	Nil
17	Ms.B.Subhashini	M.E	Assistant Professor	Structural Engineering	0.8	Nil
18	Mr.K.Ashok	M.E	Assistant Professor	Structural Engineering	0.8	Nil
19	Ms.S.Abirami	M.E	Assistant Professor	Structural Engineering	0.8	Nil
20	Mrs.K.Meera Muthulakshmi	M.Tech	Assistant Professor	Structural Engineering	0.5	Nil
21	Ms.K.Renu Priyanka	M.E	Assistant Professor	Structural Engineering	0.2	Nil
22	Ms.A.Sahaya Amalorpavam	M.E	Assistant Professor	Transportation Engineering	0.2	Nil

23	Ms.K.Divya Susanna	M.E	Assistant Professor	Environmental Engineering	0.1	Nil
24	Mr.R.C.Rajkiran	M.E	Assistant Professor	Structural Engineering	0.2	Nil
25	Mrs.S.Gayathiri	M.E	Assistant Professor	Structural Engineering	12 Days	Nil

PG Faculty details

Post Graduation						
S.No	Name	Qualification	Designation	Specialization	No. of Years of Experience As on 29-2-16	No. of Ph.D. Students guided for the last 4 years
1	Dr.R.Balamurgan	Ph.D	Professor	Structural Engineering	14.2	Nil
2	Mr.D.Antony Abhilash	M.E	Assistant Professor	Structural Engineering	1.3	Nil
3	Mr.M.Santhanakumar	M.E	Assistant Professor	Structural Engineering	1.2	Nil
4	Ms.Sharon John	M.Tech	Assistant Professor	Structural Engineering	0.7	Nil

11. List of senior visiting faculty:-

NIL

12. Percentage of lectures delivered and practical classes handled by temporary faculty:-

NIL

13. Student -Teacher Ratio

S.No	Programme	Student	Teacher	Student - Teacher Ratio
1	B.E.	356	25	15:1
2	M.E.	36	4	9:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

S.No	Post	Sanctioned	Filled
1	Technical Staff	4	5

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG

S.No.	Name	Qualification
1	Dr. M.Thiruvengadam	Ph.D
2	Dr. D.Sivakumar	Ph.D
3	Dr. R Balamurugan	Ph.D
4	Mr.M.Manoj Kumar	M.E
5	Mr.M.Ammaiappan	M.E
6	Mr. A Nanda Kumaar.	M.Tech
7	Mr.J.Rajaganapathy	M.E
8	Mr. K .Deventhiran.	M.E
9	Mr.D.Antony Abhilash	M.E
10	Mr.M.Santhanakumar	M.E

11	Ms.G.Jenitha	M.E
12	Ms.Sharon John	M.Tech
13	Ms.E.Priyadharshini	M.E
14	Mr. R .Suresh.	M.Tech
15	Ms.G.Dhanalakshmi	M.E
16	Ms.D.Tamilselvi	M.E
17	Ms.K.Gayathiri	M.E
18	Ms.R.Anitha Selvakumari	M.E
19	Mr.A.Ashok Kumar	M.E
20	Ms.C.Banupriya	M.E
21	Ms.B.Subhashini	M.Tech
22	Mr.K.Ashok	M.E
23	Ms.S.Abirami	M.E
24	Ms.K.Renu Priyanka	M.E
25	Ms.A.Sahaya Amalorpavam	M.E
26	Ms.K.Divya Susanna	M.E
27	Mr.R.C.Rajkiran	M.E
28	Mrs.K.Meera Muthulakshmi	M.Tech
29	Mrs.S.Gayathiri	M.E

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received
National Funding Agencies

S.No	Name of the Faculty	Project / Scheme	Funding Agency	Grants Received
1	Dr.M.Thiruvengadam & Dr.D.Sivakumar	Experimental study of flow through porous media in converging boundary	National	15.65 lakhs

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

S.No	Name of the Faculty	Project / Scheme	Funding Agency	Grants Received
1	Dr.M.Thiruvengadam & Dr.D.Sivakumar	Experimental study of flow through porous media in converging boundary	AICTE	15.65 lakhs

Ongoing R&D project:

DESCRIPTION OF THE PROJECT

Water is a prime basic human need and a national asset. Rain occurs, very less or very much causing flood or drought. The main source of water is rainfall, a portion of it is penetrated beneath the ground surface and occupying the void space within the geologic stratum, which forms as ground water. The ground water in its natural state is invisibly moving ever from higher potential to lower potential level. This ground water movement is covered by the hydraulic principles. Ground water management requires careful investigations of characteristics of the porous medium and other hydraulic conditions. Any study of the physics of groundwater flow is important ever, but in particular in the growing water scarcity period. In view of the significant contribution made by ground water resources to water supply, any fact contributing to a greater understanding of problems relating to ground water flow, either directly or indirectly, is of prime concern.

Since 1958, Darcy's equation is used to analyze the ground water flow. But Darcy's law can be used for laminar flow only. It is not possible to analyze the ground water flow for all other regimes using Darcy's formula including flow around well. It is very essential to develop an equation, which can be used for all regimes of flow namely laminar, laminar transition, turbulent transition, and turbulent regimes. The objective of the present investigation is to propose an experimental program to form a mathematical model. These equations can be applied to all the four regimes of porous media flow including converging boundary in terms of non- dimensional forms of equations which is lagging at present.

Figure 1 shows the details of the Permeameter to be used in this study. The Permeameter consisting of a balancing tank, test section, a discharge measuring tank and pressure measuring devices with flow regulators. The balancing tank facilitates to maintain a constant head in the converging Permeameter and ensures that the steady state flow condition. Manometers and digital pressure gauges are used to measure the energy loss. The test section having converging portion of 18 m length, 4.5 m larger width, 1 m shorter width and 3.5 m height. This much of long length is used to get low hydraulic gradient for wide range of analysis. Water is allowed to flow through the porous media of the test section and the pressure difference, velocity, length of travel, can be measured. Using these data analysis can be done and a model can be fit. The photographic view of the experimental setup is shown in Figure 2.

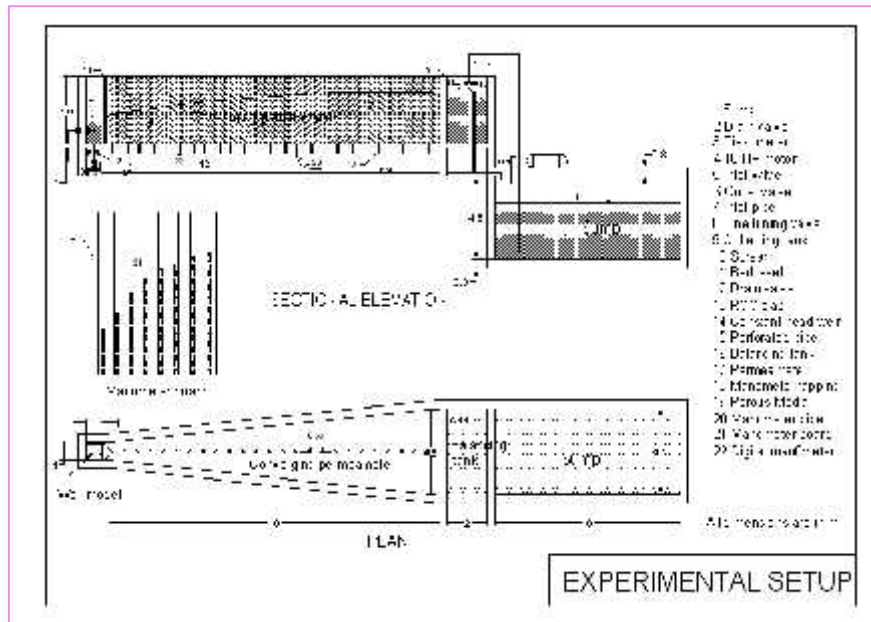


Figure 1 Schematic Diagram of Permeameter



Figure 2 Experimental Setup Constructed at Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College Campus

18. Research Centre /facility recognized by the University:
Nil

19. Faculty Publications:

S. No	Name	Title of the Paper	Journal Name	Volume /Issue /Page No/Year	Impact Factor
2012-2013					
1	Mr.G.Murali	Enhancing Compressive Strength of Concrete by Using Bottom Ash	International Journal Of Advanced Scientific Research and Technology	Vol:3,Issue 2 (2012)	3.54
		Utilisation of Bottom Ash To Enhance the Compressive Strength of Different Grade Of Concrete	International Journal Of Advanced Scientific Research and Technology	Vol:3,Issue 2 (2012)	3.54
		Flexural Behaviour of Concrete Using Bottom Ash as Partial Replacement Of Fine Aggregate	International Journal Of Advanced Scientific Research and Technology	Vol:3,Issue 2 (2012)	3.54
2	Mr.V.R. Ramkumar	Utilisation of Bottom Ash To Enhance the Compressive Strength of Different Grade Of Concrete	International Journal Of Advanced Scientific Research and Technology	Vol:3,Issue 2 (2012)	3.54
		Experimental Investigation OnPaver Blocks Using Steel Slag as Partial Replacement of Aggregate and Sludge as Partial Replacement Of Cement	International Journal Of Advanced Scientific Research and Technology	Vol:3,Issue 2 (2012)	3.54
		Strength and Permeability Characteristics Of Fibre	International Journal of Research in Engineering & Advanced Technology	Vol:1,Issue 1 (2013)	2.32

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		Reinforced Concrete			
3	Mr.B.Mohan	Enhancing Compressive Strength of Concrete by Using Bottom Ash	International Journal Of Advanced Scientific Research and Technology	Vol:3,Issue 2 (2012)	3.54
		Utilisation of Bottom Ash To Enhance the Compressive Strength of Different Grade Of Concrete	International Journal Of Advanced Scientific Research and Technology	Vol:3,Issue 2 (2012)	3.54
		Flexural Behaviour of Concrete Using Bottom Ash as Partial Replacement Of Fine Aggregate	International Journal Of Advanced Scientific Research and Technology	Vol:3,Issue 2 (2012)	3.54
4	Mr. A.Parthiban	Characterisation Of Microstructure Properties Of Concrete Using Fly Ash	International Journal Of Research in Engineering & Advanced Technology	Vol:1,Issue 1 (2013)	2.32
5	Dr.D Sivakumar	Experimental and Analytical model Studies on Leachate Volume Computation from Solid Waste	International Journal Of Environmental Science and Technology	2012	2.19
		Effect Of Fly Ash - Lime and Rice Husk Ash in Manufacturing Of Brick	CiiT International Journal Of Automation and Autonomous System	Vol: 4 , No 9 (2012)	0.134
		Removal of Heavy Metal from Electroplating Industrial Wastewater by Electro - Dialysis	CiiT International Journal Of Automation and Autonomous System	Vol; 4 , No 9 (2012)	0.134

		Pollution Reduction By Tamarind Kernel Powder On Dairy Industry Wastewater	CiiT International Journal Of Automation and Autonomous System	Vol: 4 , No 9 (2012)	0.134
		Effect Of Albizia lebbeck on Electroplating Industry Effluent Treatment	CiiT International Journal Of Automation and Autonomous System	Vol: 4 , No 9 (2012)	0.134
		Properties Change in Cohesive Soil Using Lime and Fly Ash	CiiT International Journal Of Automation and Autonomous System	Vol: 4 , No 9 (2012)	0.134
		Isotherm Studies On Dairy Industry Wastewater Using Neem Leaves Powder	CiiT International Journal Of Automation and Autonomous System	Vol: 4 , No 9 (2012)	0.134
		Effect of Lemna minor L. On Textile Effluent Treatment	CiiT International Journal Of Automation and Autonomous System	Vol: 4 , No 9 (2012)	0.134
6	Dr.M. Selvakumar	Analyzing Air Quality Data Using Response Surface Methodology	International Journal of Research in Environmental Science and Technology	Vol: 2 , No 4 (2012)	2.19
7	Dr.S.Geetha	Analyzing Air Quality Data Using Response Surface Methodology	International Journal of Research in Environmental Science and Technology	Vol: 2 , No 4 (2012)	2.19
2013-2014					
8	Dr.D Sivakumar	Adsorption Study On Municipal Solid Waste Leachate using Moringa Oleifera Seed	International Journal of Environmental Science Technology	10: 113 - 124 (2013)	2.19
		Enhanced Clean - up of lead - contaminated alluvial soil through	International Journal of Environmental Science Technology	14-Jan	2.19

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		Chrysanthemum indicum L.			
		Role of Lemna minor Lin.in Treating the Textile Industry Wastewater	International Journal Of Environmental , Ecological , Geological And Mining Engineering	Vol : 8 No 3 (2014)	-
		Groundwater Quality Assessment around Nagalkeni Tannery Industrial Belt	International Journal Of Civil,Architectural,Structural,Urban Science and Engineering	Vol : 8 No 3(2014)	
		Application Of Lemna Minor L. On Reduction of Contaminants in a Textile Industry Effluent	Interna Journal of Civil Engineering and Technology	Vol:5,Issue 3 (2014)	9.12
		Constructed wetland treatment of textile industry wastewater using aquatic macrophytes	International Journal of Environmental Sciences	Vol : 3, No 4 (2013)	2.19
9	Ms.V. Gomathi	Study of concrete using various recycled materials	International Journal of Engineering Research and Technology	Vol:2,Issue 8 (2013)	1.76
10	Mr.K. Lineesh	Study of concrete using various recycled materials	International Journal of Engineering Research and Technology	Vol.2,Issue 8 (2013)	1.76
11	P.Dhivya	Strength and Durability characteristics of fibre reinforced concrete	International Journal of Science and Research	Vol:2,Issue 7 (2013)	5.61
12	Jothibasu	Study of concrete using various recycled materials	International Journal of Engineering Research and Technology	Vol.2,Issue 8 (2013)	1.76

13	A.N. Kandaswamy	Application Of Lemna Minor L. On Reduction of Contaminants In a Textile Industry Effluent	Interna Journal of Civil Engineering and Technology	Vol:5,Issue 3 (2014)	9.12
14	A.Nanda kumar	Development Of A Safety Culture Model For Small Scale Construction Engineering Project	International Journal of Advanced Research	Vol:2,Issue 4 (2014)	2.3
15	K.Arun	Strength and Durability characteristics of fibre reinforced concrete	International Journal of Science and Research	Vol:2,Issue 7 (2013)	5.61
16	Dr.D Sivakumar	Improvement of Cohesive Soil using Lime and Flyash	International Journal Advanced Information Science and Technology	Vol:32,Pg(1 -5) (2014)	5.032
		Investigations on Properties of Latex Modified Concrete for Different Styrene- Butadiene Rubber Dosages	International Journal Advanced Information Science and Technology	Vo:32,Pg(6- 14) (2014)	5.032
		Experimental Study on Concrete Blended With Sugarcane Bagasse Ash	International Journal Advanced Information Science and Technology	Vol:32, Pg (15 -19) (2014)	5.032
		Suitable Site Selection for the Disposal of Solid Waste using Remote Sensing and GIS	International Journal Advanced Information Science and Technology	Vol:32,Pg (26 - 35) (2014)	5.032
		Teak Wood Saw Dust Powder for Treating Dairy Industry Wastewater	International Journal Advanced Information Science and Technology	Vol: 32, Pg (36 - 39) (2014)	5.032

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Comparative Study on Partial Replacement of Fine Aggregate by Glass Powder and Foundry Sand	International Journal Advanced Information Science and Technology	Vol: 32, Pg (40 - 45) (2014)	5.032
Groundwater Quality Assessment in and around Perungalathur Lake	International Journal Advanced Information Science and Technology	Vol: 32, Pg (56 - 61) (2014)	5.032
Phytoremediation Study by Aquatic microphyte Lemna Gibba Lin	International Journal Advanced Information Science and Technology	Vol: 32, Pg (73 - 77) (2014)	5.032
Isotherm Study on Electroplating Industry Effluent using Bio adsorbent	International Journal Advanced Information Science and Technology	Vol : 32, Pg (105 - 109) (2014)	5.032
Electroplating Industrial Wastewater Treatment by Eichhorniacrassipes	International Journal Advanced Information Science and Technology	Vol : 32, Pg (126 - 129) (2014)	5.032
Colour Removal In A textile Industry Wastewater Using Coconut Coir Pith	Pollution Research EM International	33 (3) : 1-5 (2014)	0.144
Chromium(Vi) Removal From Tannery Industry Wastewater Using Fungi Species	Pollution Research EM International	33 (3) : 7-12 (2014)	0.144
Validity Of Darcy And Forchheimer Equations Of Porous Medium Flow	Pollution Research EM International	33(3) : 13-20 (2014)	0.144
Effect Of Tamarind Kernel Powder for Treating Dairy Industry Wastewater	Pollution Research EM International	33(3) : 21-25 (2014)	0.144

Reduction Of Contaminants From Leachate Using Moringa Oleifera – A Kinetic Study	Pollution Research EM International	33(3) : 27-31 (2014)	0.144
Bioaccumulation Study By Lemna Gibbalin	Pollution Research EM International	33(3) : 33-38 (2014)	0.144
Suitability Of Groundwater Around Pallavaram, Chennai, Tamil Nadu	Pollution Research EM International	33(3) : 43-48 (2014)	0.144
Role Of Electro-Dialysis And Electro-Dialysis Cum Adsorption For Chromium (Vi) Reduction	Pollution Research EM International	33(3) : 49-54 (2014)	0.144
Bioremediation studies On Reduction Of Heavy Metals Toxicity	Pollution Research EM International	33(3) : 55-60 (2014)	0.144
Application Of Nano particles In Wastewater Treatment	Pollution Research EM International	33(3) : 69-73 (2014)	0.144
A Case Study On Effectiveness Of Ozonised Centrifugal Aeration Treatment Technology For Industrial Wastewater	Pollution Research EM International	33(3):125-128 (2014)	0.144
Application Of Electro-Dialysis On Removal Of Heavy Metals	Pollution Research EM International	33(3):129-133 (2014)	0.144
Carbonaceous Nanoparticle - An Overview	Pollution Research EM International	33(3):573-576 (2014)	0.144

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		Role of Agro - Based Adsorbent to Treat Hospital Wastewater	Pollution Research EM International	33(3):135-140 (2014)	0.144
		Role Of Rice Husk Silica Powder For Removing Cr(VI) in a Tannery Industry Wastewater	International Journal Of Chem Tech Research	6(9) : 4373 - 4378	0.209
		Role Of Fungi Species in Colour Removal From Textile Industry Wastewater	International Journal Of Chem Tech Research	6(9) : 4366 - 4372	0.209
		Investigations on Properties of Latex Modified Concrete for Different Styrene-Butadiene Rubber Dosages	International Journal of Advanced Information Science and Technology	Vol : 32, Pg (6 - 14) (2014)	5.032
17	DR.M. Thiruvengadam	Teak Wood Saw Dust Powder for Treating Dairy Industry Wastewater	International Journal of Advanced Information Science and Technology	Vol : 32, Pg (36 - 39) (2014)	5.032
		Evaluation of Pile Integrity Using Low Strain Integrity Test	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (82 - 89) (2014)	5.032
		Colour Removal In A textile Industry Wastewater Using Coconut Coir Pith	Pollution Research EM International	33 (3) : 1-5 (2014)	0.144
		Validity Of Darcy And Forchheimer Equations Of Porous Medium Flow	Pollution Research EM International	33(3) : 13-20 (2014)	0.144

		Suitability Of Groundwater Around Pallavaram, Chennai, Tamil Nadu	Pollution Research EM International	33(3) : 43-48 (2014)	0.144
18	A.N. Kandaswamy	Experimental Study on Concrete Blended With Sugarcane Bagasse Ash	Inernational Journal of Advanced Information Science and Technology	Vol : 32, Pg (15 -19) (2014)	5.032
		Phytoremediation Study by Aquatic Macrophyte Lemna Gibba Lin	Inernational Journal of Advanced Information Science and Technology	Vol : 32, Pg (73 - 77) (2014)	5.032
		Role Of Electro-Dialysis And Electro-Dialysis Cum Adsorption For Chromium (Vi) Reduction	Pollution Research EM International	33(3) : 49-54 (2014)	0.144
		Bio remediation studies On Reduction Of Heavy Metals Toxicity	Pollution Research EM International	33(3) : 55-60 (2014)	0.144
		A Case Study On Effectiveness Of Ozonised Centrifugal Aeration Treatment Technology For Industrial Wastewater	Pollution Research EM International	33(3):125-128 (2014)	0.144
19	M.Ammaiyappan	Improvement of Cohesive Soil using Lime and Flyash	Inernational Journal of Advanced Information Science and Technology	Vol : 32, Pg (1 - 5) (2014)	5.032
		Role Of Electro-Dialysis And Electro-Dialysis Cum Adsorption For Chromium (Vi) Reduction	Pollution Research EM International	33(3) : 49-54 (2014)	0.144

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20	Mr.J. Rajaganapathy	Suitable Site Selection for the Disposal of Solid Waste using Remote Sensing and GIS	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (26 - 35) (2014)	5.032
		Reduction Of Contaminants From Leachate Using Moringa Oleifera – A Kinetic Study	Pollution Research EM International	33(3) : 27-31 (2014)	0.144
		Physico-Chemical Analysis Of Surface And Subsurface Water In Pallikaranai Marsh Land	Pollution Research EM International	33(3):107-114 (2014)	0.144
21	Mr.K. Deventhiran	Suitable Site Selection for the Disposal of Solid Waste using Remote Sensing and GIS	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (26 - 35) (2014)	5.032
		Integrated Remote Sensing and GIS For Determining Soil SaliNITY in Agricultural Lands	International Journal of Advanced Information Science and Technology	Vol:32, Pg (122- 125) (2014)	5.032
22	K.Lineesh	Comparative Study on Partial Replacement of Fine Aggregate by Glass Powder and Foundry Sand	International Journal of Advanced Information Science and Technology	Vol :32, Pg (40 - 45) (2014)	5.032
		Increase of Shear Strength of Soft Soil Using Fibre in a Random Manner	International Journal of Advanced Information Science and Technology	Vol:32, Pg (117 - 121) (2014)	5.032
23	K.Bala subramanian	Experimental Investigation of Unsymmetrical I-Section	International Journal of Advanced Information Science and Technology	Vol :32, Pg (46 - 49) (2014)	5.032

		Experimental Investigation on Compressive And Flexural Behaviour of Copper Slag Based Blended Cement	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (101 - 104) (2014)	5.032
		Bioaccumulation Study By LemnaGibbalin	Pollution Research EM International	33(3) : 33-38 (2014)	0.144
24	R.Anand	Improvement of Cohesive Soil using Lime and Flyash	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (1 - 5) (2014)	5.032
		Suitable Site Selection for the Disposal of Solid Waste using Remote Sensing and GIS	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (26 - 35) (2014)	5.032
		Isotherm Study on Electroplating Industry Effluent using Bioadsorbent	International Journal of Advanced Information Science and Technology	Vol:32, Pg (105 - 109) (2014)	5.032
		Suitability Of Groundwater Around Pallavaram, Chennai, Tamil Nadu	Pollution Research EM International	33 (3) :43-48 (2014)	0.144
		A Case Study On Effectiveness Of Ozonised Centrifugal Aeration Treatment Technology For Industrial Wastewater	Pollution Research EM International	33(3):Pg125-128 (2014)	0.144
25	A. Nanda Kumar	A Comparative Study on Strength of High Grade Concrete at High Temperature with and Without Replacement of Superplasticizer	International Journal of Advanced Information Science and Technology	Vol :32, Pg (50 - 55) (2014)	5.032

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		Minimization of Environmental Effects Created due to Construction Waste	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (69 - 72) (2014)	5.032
		Application Of Electro-Dialysis On Removal Of Heavy Metals	Pollution Research EM International	33(3):129-133 (2014)	0.144
26	V.Gomathi	Groundwater Quality Assessment in and around Perungalathur Lake	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (56 - 61) (2014)	5.032
		Bio remediation studies On Reduction Of Heavy Metals Toxicity	Pollution Research EM International	33(3) : 55-60 (2014)	0.144
		Application Of Electro-Dialysis On Removal Of Heavy Metals	Pollution Research EM International	33(3):129-133 (2014)	0.144
27	P.Dhivya	Groundwater Quality Assessment in and around Perungalathur Lake	International Journal of Advanced Information Science and Technology	Vol :32, Pg (56 - 61) (2014)	5.032
		Bioaccumulation Study By LemnaGibbalin	Pollution Research EM International	33(3) : 33-38 (2014)	0.144
28	M.Manoj kumar	Groundwater Quality Assessment in and around Perungalathur Lake	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (56 - 61) (2014)	5.032
		Colour Removal In A textile Industry Wastewater Using Coconut Coir Pith	Pollution Research EM International	33 (3) : 1-5 (2014)	0.144

29	R.Aisswarya	Behaviour of Cold-Formed Steel Plain Channels under Axial and Eccentric Compressive Loads	Iernational Journal of Advanced Information Science and Technology	Vol: 32, Pg (62 - 68) (2014)	5.032
		Analytical and Experimental Studies on GFRP Compression Behaviour	Iernational Journal of Advanced Information Science and Technology	Vol: 32, Pg (110 - 112) (2014)	5.032
30	G.Venkatesan	Behaviour of Cold-Formed Steel Plain Channels under Axial and Eccentric Compressive Loads	Iernational Journal of Advanced Information Science and Technology	Vol : 32, Pg (62 - 68) (2014)	5.032
		Analytical and Experimental Studies on GFRP Compression Behaviour	Iernational Journal of Advanced Information Science and Technology	Vol : 32, Pg (110 - 112) (2014)	5.032
		Effect Of Tamarind Kernel Powder for Treating Dairy Industry Wastewater	Pollution Research EM International	33(3) : 21-25 (2014)	0.144
31	T.Esai thendral	Behaviour of Cold-Formed Steel Plain Channels under Axial and Eccentric Compressive Loads	Iernational Journal of Advanced Information Science and Technology	Vol: 32, Pg (62 - 68) (2014)	5.032
32	M.Ponpandian	Minimization of Environmental Effects Created due to Construction Waste	Iernational Journal of Advanced Information Science and Technology	Vol: 32, Pg (69 - 72) (2014)	5.032
		Suitability Of Groundwater Around Pallavaram, Chennai, Tamil Nadu	Pollution Research EM International	33(3) : 43-48 (2014)	0.144

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33	S.Ayyappan	Minimization of Environmental Effects Created due to Construction Waste	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (69 - 72) (2014)	5.032
		Stabilization of Clay Soil Using Quarry Dust and Lime	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (113 - 116) (2014)	5.032
34	K.Alagu sankareswari	Sequestration of CO ₂ on concrete surface using Fly ash and Brine	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (78 - 81) (2014)	5.032
		Analytical and Experimental Studies on GFRP Compression Behaviour	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (110 - 112) (2014)	5.032
35	R.Regupathi	Experimental Investigation on Cellular Light Weight Concrete Blocks	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (90 - 95) (2014)	5.032
		Experimental Study on Behavior of Reinforced Concrete Beams with Precast Sifcon Laminates	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (20 - 25) (2014)	5.032
36	V. Naresh Babu	FiNITE Element Analysis of Composite Precast Roof Panel under Static Flexure	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (96 - 100) (2014)	5.032
37	M. Jothiboss	Experimental Investigation on Compressive And Flexural Behaviour of Copper Slag Based Blended Cement	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (101 - 104) (2014)	5.032

		Increase of Shear Strength of Soft Soil Using Fibre in a Random Manner	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (117 - 121) (2014)	5.032
38	D.Antony Abhilash	Isotherm Study on Electroplating Industry Effluent using Bioadsorbent	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (105 - 109) (2014)	5.032
39	R.Jayashree	Electroplating Industrial Wastewater Treatment by Eichhorniacrassipes	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (126 - 129) (2014)	5.032
40	V.B. Preethika	Electroplating Industrial Wastewater Treatment by Eichhorniacrassipes	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (126 - 129) (2014)	5.032
41	R.V. Ishwarya	Electroplating Industrial Wastewater Treatment by Eichhorniacrassipes	International Journal of Advanced Information Science and Technology	Vol: 32, Pg (126 - 129) (2014)	5.032
2014-2015					
42	Dr.D. Sivakumar	Colour removal from textile industry wastewater using aspergillus flavus	International Journal of Applied Engineering Research	10(53),pp.8-13 (2015)	1.8233
		Groundwater suitability for irritation around Perungalathur, Chennai, Tamil Nadu,	International Journal of Applied Engineering Research	10(53),pp.37-42 (2015)	1.8233
		Comprehensive study of cement mortar using manufactured sand	International Journal of Applied Engineering Research	10(53),pp.71-75 (2015)	1.8233

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	Durability and mechanical characterization of concrete using alccofines	International Journal of Applied Engineering Research	10(53), pp.178-182 (2015)	1.8233
	A case study of the correlation criteria of groundwater intended for water supply around Perungalathur, Chennai	International Journal of Applied Engineering Research	10(53),pp.263-267 (2015)	1.8233
	Effect of sugarcane bagase powder on reduction of COD and TDS in a Dairy Industry Wastewater,	International Journal of Applied Engineering Research	10(53),pp.291-294 (2015)	1.8233
	Equilibrium Study on Electroplating Industry Effluent using Albizialebbeck	International Journal of Applied Engineering Research	10(53), pp.239-243 (2015)	1.8233
	Porous Medium Flow Equations for All Regimes	International Journal of Applied Engineering Research	10(53), pp.330-335 (2015)	1.8233
	Influence of kongu tree saw dust on removal of fluoride in aqueous solution	International Journal of Applied Engineering Research	10(53),pp.111-113 (2015)	1.8233
	Effectiveness of Azolla caroliniana for treating paper mill effluent	Journal of Chemical and Pharmaceutical Sciences	8(4),pp.724-728 (2015)	0.684
	Importance of Bottom Ash in Preventing Soil Failure	Journal of Chemical and Pharmaceutical Sciences	8(4),pp.836-840 (2015)	0.684
	Shear improvement in soft soil using fiber in a random manner	Journal of Chemical and Pharmaceutical Sciences	10(4),pp.798-800 (2015)	0.684

		Fluoride removal from groundwater using Lagerfstroemia indica l. Seed powder	Journal of Chemical and Pharmaceutical Sciences	11(4),pp.78 4-789 (2015)	0.684
		Influence of fungi species for reducing chromium in tannery industry wastewater	Journal of Chemical and Pharmaceutical Sciences	11(4),pp.76 5-769 (2015)	0.684
		TOC and COD removal from municipal solid waste leachate using Electrocoagulation method	Journal of Chemical and Pharmaceutical Sciences	12(4),pp.74 5-749 (2015)	0.684
		Treatment of Dairy Industry Waste Water using Eucalyptus Wood Saw Dust activated Carbon powder	Journal of Chemical and Pharmaceutical Sciences	13(4),pp.72 9-733 (2015)	0.684
		Equilibrium and Isotherm Studies on Copper Electroplating Industry Effluent using Moringa oleifera Seed Powder	Journal of Chemical and Pharmaceutical Sciences	8(4),pp.847- 850 (2015)	0.684
43	Dr.M. Thiruvengadam	Porous Medium Flow Equations for All Regimes	International Journal of Applied Engineering Research	10 (53), pp.330-335 (2015)	1.8233
		Treatment of Dairy Industry Waste Water using Eucalyptus Wood Saw Dust activated Carbon powder	Journal of Chemical and Pharmaceutical Sciences	13 (4), pp.729-733 (2015)	0.684
44	A.N. Kandaswamy	A case study of the correlation criteria of groundwater intended for water supply around	International Journal of Applied Engineering Research	10 (53), pp.263-267 (2015)	1.8233

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		Perungalathur, Chennai			
		Response of Reinforced Sandwich Panels under Lateral Loading	International Journal of Applied Engineering Research	10 (53), pp.165-172 (2015)	1.8233
45	M. Manoj kumar	Soil Investigation for Multi storeyed Building at cit nagar chennai	International Journal of Applied Engineering Research	10 (53), pp.279-285 (2015)	1.8233
		Design and Investigation of a Greywater Treatment Plant for Multi Storied Building	International Journal of Applied Engineering Research	10 (53), pp.304-307 (2015)	1.8233
		An Investigation on Cost Effective paver Block	International Journal of Applied Engineering Research	10 (53), pp.314-320 (2015)	1.8233
		Study on Characterization and Properties of Alkali Activated Fly Ash	Journal of Chemical and Pharmaceutical Sciences	8 (4), pp.801-808 (2015)	0.684
46	J. Raja ganapathy	Colour removal from textile industry wastewater using aspergillus flavus	International Journal of Applied Engineering Research	10(53),pp.8-13 (2015)	1.8233
		TOC and COD removal from municipal solid waste leachate using Electrocoagulation method	Journal of Chemical and Pharmaceutical Sciences	12 (4), pp.745-749 (2015)	0.684
47	A. Nanda kumar	Study on Compressive Strength of Combined Natural and Artificial Fibre Reinforced Concrete	International Journal of Applied Engineering Research	10 (53), pp.231-234 (2015)	1.8233

		Study on Characterization and Properties of Alkali Activated Fly Ash	Journal of Chemical and Pharmaceutical Sciences	8 (4), pp.801-808 (2015)	0.684
48	M.Santhana Kumar	Experimental Investigation on Flexural strength of Concrete Beam Using GFRP Laminates	International Journal of Applied Engineering Research	10 (53), pp.47-58 (2015)	1.8233
		Characterization of GFRP Laminates and Validating using Ansys	International Journal of Applied Engineering Research	10 (53), pp.193-202 (2015)	1.8233
		Study on Characterization and Properties of Alkali Activated Fly Ash	Journal of Chemical and Pharmaceutical Sciences	8 (4), pp.801-808 (2015)	0.684
49	G.Jenitha	Effect Of Copper Slag And Recycled Aggregate In The Behaviour of Concrete Composite	International Journal of Applied Engineering Research	10 (53), pp.117-121 (2015)	1.8233
		An Experimental Study on The Behaviour of Concrete by Addition of Bamboo as Fibre and Comparing it with the Conventional Concrete	International Journal of Applied Engineering Research	10 (53), pp.207-212 (2015)	1.8233
		Bio Remediation of Chromium from Contaminated Soil	International Journal of Applied Engineering Research	10 (53), pp.222-226 (2015)	1.8233
		Evaluation of Cyclic Hardening Variables for Type 304LN Stainless Steel	International Journal of Applied Engineering Research	10 (53), pp.308-313 (2015)	1.8233

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50	R.Aisswarya	Effect Of Copper Slag And Recycled Aggregate In The Behaviour of Concrete Composite	International Journal of Applied Engineering Research	10 (53), pp.117-121 (2015)	1.8233
		An Experimental Study on The Behaviour of Concrete by Addition of Bamboo as Fibre and Comparing it with the Conventional Concrete	International Journal of Applied Engineering Research	10 (53), pp.207-212 (2015)	1.8233
		Bio Remediation of Chromium from Contaminated Soil	International Journal of Applied Engineering Research	10 (53),pp.222-226 (2015)	1.8233
51	K.Deventhiran	Recycling of Industrial Waste as Construction Materials	International Journal of Applied Engineering Research	10 (53), pp.80-86 (2015)	1.8233
		Experimental Investigation on Partial Replacement of Fine Aggregate by Copper Slag	International Journal of Applied Engineering Research	10 (53), pp.144-158 (2015)	1.8233
		Study on Characterization and Properties of Alkali Activated Fly Ash	Journal of Chemical and Pharmaceutical Sciences	8(4), pp.801-808 (2015)	0.684
52	M.Ammaiappan	Importance of Bottom Ash in Preventing Soil Failure	Journal of Chemical and Pharmaceutical Sciences	8(4),pp.836-840 (2015)	0.684
53	D.Antony Abhilash	Study on Characterization and Properties of Alkali Activated Fly Ash	Journal of Chemical and Pharmaceutical Sciences	8(4),pp.801-808 (2015)	0.684
54	Suresh.M	Green highway ratings for existing NH& SH in Tamilnadu – a case study	Journal of Chemical and Pharmaceutical Sciences	8(4),pp.734-738 (2015)	0.684

Students Publication:

S.No	Name of the Student	Title of the Paper	Journal Name	Volume/Issue/Pag e No/Year	Impact Factor
2012-2013					
1	P.Sruthee	Enhancing Compressive Strength of Concrete by Using Bottom Ash	International Journal Of Advanced Scientific Research and Technology	Vol : 3, Issue 2 (2012)	3.54
		Utilisation of Bottom Ash To Enhance the Compressive Strength of Different Grade Of Concrete	International Journal Of Advanced Scientific Research and Technology	Vol : 3 ,Issue 2 (2012)	3.54
		Flexural Behaviour of Concrete Using Bottom Ash as Partial Replacement Of Fine Aggregate	International Journal Of Advanced Scientific Research and Technology	Vol : 3 ,Issue 2 (2012)	3.54
2	M.Vigneshwari	Enhancing Compressive Strength of Concrete by Using Bottom Ash	International Journal Of Advanced Scientific Research and Technology	Vol : 3, Issue 2 (2012)	3.54
		Flexural Behaviour of Concrete Using Bottom Ash as Partial Replacement Of Fine Aggregate	International Journal Of Advanced Scientific Research and Technology	Vol : 3 ,Issue 2 (2012)	3.54
3	M.Lalitha	Enhancing Compressive Strength of Concrete by Using Bottom Ash	International Journal Of Advanced Scientific Research and	Vol : 3, Issue 2 (2012)	3.54

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			Technology		
		Flexural Behaviour of Concrete Using Bottom Ash as Partial Replacement Of Fine Aggregate	International Journal Of Advanced Scientific Research and Technology	Vol : 3 ,Issue 2 (2012)	3.54
4	P.Shanmuga Priya	Isotherm Studies On Dairy Industry Wastewater Using Neem Leaves Powder	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
5	E.Christyno	Isotherm Studies On Dairy Industry Wastewater Using Neem Leaves Powder	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
6	E.Karikalan	Effect of Albizia lebbeck on Electroplating Industry Effluent Treatment	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
7	G.J.Janani	Effect of Lemna minor L. On Textile Effluent Treatment	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
8	N.Shifu Jahan	Effect of Lemna minor L. On Textile Effluent Treatment	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
9	V.R.Rathish	Properties Change in Cohesive Soil Using Lime and Fly Ash	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134

10	Subhadeep Das	Properties Change in Cohesive Soil Using Lime and Fly Ash	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
11	S.Thiyagarajan	Effect of Albizia lebbeck on Electroplating Industry Effluent Treatment	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
12	K.Shaik Abdul Kader	Effect of Albizia lebbeck on Electroplating Industry Effluent Treatment	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
13	B.Chandralekha	Pollution Reduction By Tamarind Kernel Powder On Dairy Industry Wastewater	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
14	S.Janani	Pollution Reduction By Tamarind Kernel Powder On Dairy Industry Wastewater	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
15	R.Kayalvizhi	Removal of Heavy Metal from Electroplating Industrial Wastewater by Electro - Dialysis	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
16	P.Saraswati	Removal of Heavy Metal from Electroplating Industrial Wastewater by Electro - Dialysis	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
17	S.Dinesh	Effect Of Ash - Lime and Rice Husk Ash in Manufacturing of Brick	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134

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18	C.Akshay Sharma	Effect Of Ash - Lime and Rice Husk Ash in Manufacturing Of Brick	CiiT International Journal Of Automation and Autonomous System	Vol ; 4 , No 9 (2012)	0.134
19	R.Suresh Babu	Strength and Permeability Characteristics Of Fibre Reinforced Concrete	International Journal of Research in Engineering & Advanced Technology	Vol : 1,Issue 1 (2013)	2.317
		Experimental Investigation OnPaver Blocks Using Steel Slag as Partial Replacement of Aggregate and Sludge as Partial Replacement Of Cement	International Journal of Science and Research	Vol : 3 ,Issue 2 (2012)	5.611
20	A.J.Rakesh	Strength and Permeability Characteristics Of Fibre Reinforced Concrete	International Journal of Research in Engineering & Advanced Technology	Vol : 1,Issue 1 (2013)	2.317
21	M.Mahaesh Kumar	Experimental Investigation OnPaver Blocks Using Steel Slag as Partial Replacement of Aggregate and Sludge as Partial Replacement Of Cement	International Journal of Science and Research	Vol : 3 ,Issue 2 (2012)	5.611
2013-2014					
22	M.Rabik Raja	Characterisation Of Microstructure Properties Of Concrete Using Fly Ash	International Journal of Research in Engineering & Advanced Technology	Vol : 1,Issue 1 (2013)	2.317
23	S.Mahalingam	Characterisation Of Microstructure Properties Of Concrete Using Fly Ash	International Journal of Research in Engineering & Advanced	Vol : 1,Issue 1 (2013)	2.317

			Technology		
24	R.Suresh Babu	Strength and Permeability Characteristics of Fibre Reinforced Concrete	International Journal of Research in Engineering & Advanced Technology	Vol : 1, Issue 1 (2013)	2.317
		Strength and Durability characteristics of fibre reinforced concrete	International Journal of Science and Research	Vol : 2, Issue 7 (2013)	5.611
25	A.J.Rakesh	Strength and Permeability Characteristics of Fibre Reinforced Concrete	International Journal of Research in Engineering & Advanced Technology	Vol : 1, Issue 1 (2013)	2.317
26	E.Arivoli	Application Of Lemna Minor L. On Reduction of Contaminants In a Textile Industry Effluent	International Journal of Civil Engineering and Technology	Vol : 5, Issue 3 (2014)	9.12
27	V.Sesha Sayee	Application Of Lemna Minor L. On Reduction of Contaminants In a Textile Industry Effluent	International Journal of Civil Engineering and Technology	Vol : 5, Issue 3 (2014)	9.12
28	M.Mahesh Kumar	Strength and Durability characteristics of fibre reinforced concrete	International Journal of Science and Research	Vol : 2, Issue 7 (2013)	5.611

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29	V.Sathish	Study of concrete using various recycled materials	International Journal of Engineering Research and Technology	Vol. 2 Issue 8 (2013)	1.76
30	A.J.R.Vijaya Prathima	Constructed wetland treatment of textile industry wastewater using aquatic macrophytes	International Journal of Environmental Sciences	Vol : 3, No 4 (2013)	2.19
31	M.Valarmathi	Constructed wetland treatment of textile industry wastewater using aquatic macrophytes	International Journal of Environmental Sciences	Vol : 3, No 4 (2013)	2.19
2014-2015					
32	G.Gayathri	Colour removal from textile industry wastewater using aspergillus flavus	International Journal of Applied Engineering Research	10 (53), pp.8-13 (2015)	1.8233
		Influence of fungi species for reducing chromium in tannery industry wastewater	Journal of Chemical and Pharmaceutical Sciences	11 (4), pp.765-769 (2015)	0.684
33	S.Lavanya Pavithra	Groundwater suitability for irrigation around Perungalathur, Chennai, Tamil Nadu,	International Journal Of Applied Engineering Research	10 (53), pp.37-42 (2015)	1.8233
		Treatment of Dairy Industry Waste Water using Eucalyptus Wood Saw Dust activated Carbon powder	Journal Of Chemical And Pharmaceutical Sciences	13 (4), pp.729-733 (2015)	0.684

34	K.Vasuki	Groundwater suitability for irrigation around Perungalathur, Chennai, Tamil Nadu,	International Journal Of Applied Engineering Research	10 (53), pp.37-42 (2015)	1.8233
35	B.Lavanya	Groundwater suitability for irrigation around Perungalathur, Chennai, Tamil Nadu,	International Journal Of Applied Engineering Research	10 (53), pp.37-42 (2015)	1.8233
36	M.Ilango	Comprehensive study of cement mortar using manufactured sand	International Journal Of Applied Engineering Research	10 (53), pp.71-75 (2015)	1.8233
37	T. Nedunchezhiyan	Comprehensive study of cement mortar using manufactured sand	International Journal Of Applied Engineering Research	10 (53), pp.71-75 (2015)	1.8233
38	S.Deepak	Influence of Kongu Tree Saw Dust on Removal of Fluoride in Aqueous Solution	International Journal Of Applied Engineering Research	10(53),pp.330-335 (2015)	1.8233
		Characterization of GFRP Laminates and Validating using Ansys	International Journal Of Applied Engineering Research	10 (53), pp.193-202 (2015)	1.8233
39	B.Hemanth Kumar	Influence of Kongu Tree Saw Dust on Removal of Fluoride in Aqueous Solution	International Journal Of Applied Engineering Research	10 (53), pp.330-335 (2015)	1.8233
40	B. Keerthana	A case study of the correlation criteria of groundwater intended for water supply around Perungalathur, Chennai	International Journal Of Applied Engineering Research	10 (53), pp.263-267 (2015)	1.8233

41	P.C. Kirthana	A case study of the correlation criteria of groundwater intended for water supply around Perungalathur, Chennai	International Journal Of Applied Engineering Research	10 (53), pp.263-267 (2015)	1.8233
42	G. Sandhiya	A case study of the correlation criteria of groundwater intended for water supply around Perungalathur, Chennai	International Journal Of Applied Engineering Research	10 (53), pp.263-267 (2015)	1.8233
43	N.Murugan	Effect of sugarcane bagase powder on reduction of COD and TDS in a Dairy Industry Wastewater,	International Journal Of Applied Engineering Research	10 (53), pp.291-294 (2015)	1.8233
44	R.Rajeshwaran	Effect of sugarcane bagase powder on reduction of COD and TDS in a Dairy Industry Wastewater,	International Journal Of Applied Engineering Research	10 (53), pp.291-294 (2015)	1.8233
45	N. Shakthi Sri	Durability and mechanical characterization of concrete using alccofines	International Journal Of Applied Engineering Research	10 (53), pp.178-182 (2015)	1.8233
46	T. Shobana	Durability and mechanical characterization of concrete using alccofines	International Journal Of Applied Engineering Research	10 (53), pp.178-182 (2015)	1.8233

47	C. Soundarya	Durability and mechanical characterization of concrete using alccofines	International Journal Of Applied Engineering Research	10 (53), pp.178-182 (2015)	1.8233
48	T.Siddharth	Equilibrium Study on Electroplating Industry Effluent using Albizialebbeck	International Journal Of Applied Engineering Research	10 (53), pp.239-243 (2015)	1.8233
49	S.Sathish Kumar	Equilibrium Study on Electroplating Industry Effluent using Albizialebbeck	International Journal Of Applied Engineering Research	10 (53), pp.239-243 (2015)	1.8233
		Fluoride removal from groundwater using Lagerfstroemia indica l. Seed powder	Journal Of Chemical And Pharmaceutical Sciences	11 (4), pp.784-789 (2015)	0.684
50	V.Dhananjeyan	Equilibrium Study on Electroplating Industry Effluent using Albizialebbeck	International Journal Of Applied Engineering Research	10 (53), pp.239-243 (2015)	1.8233
		Fluoride removal from groundwater using Lagerfstroemia indica l. Seed powder	Journal Of Chemical And Pharmaceutical Sciences	11 (4), pp.784-789 (2015)	0.684
51	M. Ponvalavan	Response of Reinforced Sandwich Panels under Lateral Loading	International Journal Of Applied Engineering Research	10 (53), pp.165-172 (2015)	1.8233
52	A. Jagathan Prakaash	Response of Reinforced Sandwich Panels under Lateral Loading	International Journal Of Applied Engineering Research	10 (53), pp.263-267 (2015)	1.8233

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53	S. Kumarappan	Response of Reinforced Sandwich Panels under Lateral Loading	International Journal Of Applied Engineering Research	10 (53), pp.263-267 (2015)	1.8233
54	D. Raj Kumar	Response of Reinforced Sandwich Panels under Lateral Loading	International Journal Of Applied Engineering Research	10 (53), pp.165-172 (2015)	1.8233
55	P.Suresh	Study on Compressive Strength of Combined Natural and Artificial Fibre Reinforced Concrete	International Journal Of Applied Engineering Research	10 (53), pp.231-234 (2015)	1.8233
56	S.Janaki sundaram	Comparative Study of Compressive Strength of Papercrete with Various Percentage of Replacement of Fine Aggregate	International Journal Of Applied Engineering Research	10 (53), pp.107-110 (2015)	1.8233
		Shear improvement in soft soil using fiber in a random manner	Journal Of Chemical And Pharmaceutical Sciences	10 (4), pp.798-800 (2015)	0.684
57	A.R.Rukesh	An Experimental Study on The Behaviour of Concrete by Addition of Bamboo as Fibre and Comparing it with the Conventional Concrete	International Journal Of Applied Engineering Research	10 (53), pp.207-212 (2015)	1.8233
58	Kirubanandan	An Experimental Study on The Behaviour of Concrete by Addition of Bamboo as Fibre and Comparing it with	International Journal Of Applied Engineering Research	10 (53), pp.207-212 (2015)	1.8233

		the Conventional Concrete			
59	S.Santhosh Kumar	Recycling of Industrial Waste as Construction Materials	International Journal Of Applied Engineering Research	10 (53), pp.80-86 (2015)	1.8233
60	V.Thanikavel	Recycling of Industrial Waste as Construction Materials	International Journal Of Applied Engineering Research	10 (53), pp.80-86 (2015)	1.8233
61	K.Deivasigamani	Recycling of Industrial Waste as Construction Materials	International Journal Of Applied Engineering Research	10 (53), pp.80-86 (2015)	1.8233
62	R.Prasad	Recycling of Industrial Waste as Construction Materials	International Journal Of Applied Engineering Research	10 (53), pp.80-86 (2015)	1.8233
63	D.Prasanth	Experimental Investigation on Partial Replacement of Fine Aggregate by Copper Slag	International Journal Of Applied Engineering Research	10 (53), pp.144-158 (2015)	1.8233
64	P.David Samraj	Experimental Investigation on Partial Replacement of Fine Aggregate by Copper Slag	International Journal Of Applied Engineering Research	10 (53), pp.144-158 (2015)	1.8233
65	N.Thirukkumaran	Experimental Investigation on Partial Replacement of Fine Aggregate by Copper Slag	International Journal Of Applied Engineering Research	10 (53), pp.144-158 (2015)	1.8233

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66	R.Ranjith	Experimental Investigation on Partial Replacement of Fine Aggregate by Copper Slag	International Journal Of Applied Engineering Research	10 (53), pp.144-158 (2015)	1.8233
67	M.Preethi	Effectiveness of Azolla caroliniana for treating paper mill effluent	Journal Of Chemical And Pharmaceutical Sciences (JCPS)	8 (4), pp.724-728 (2015)	0.684
68	A.Mahalakshmi	Effectiveness of Azolla caroliniana for treating paper mill effluent	Journal Of Chemical And Pharmaceutical Sciences (JCPS)	8 (4), pp.724-728 (2015)	0.684
69	S.M.Ashok Kumar	Fluoride removal from groundwater using Lagerfstroemia indica l. Seed powder	Journal Of Chemical And Pharmaceutical Sciences	11 (4), pp.784-789 (2015)	0.684
70	S.Sowmiya	Influence of fungi species for reducing chromium in tannery industry wastewater	Journal Of Chemical And Pharmaceutical Sciences	11 (4), pp.765-769 (2015)	0.684
71	M.Mahalakshmi	Influence of fungi species for reducing chromium in tannery industry wastewater	Journal Of Chemical And Pharmaceutical Sciences	11 (4), pp.765-769 (2015)	0.684
72	S.Mariavensa	TOC and COD removal from municipal solid waste leachate using Electrocoagulation method	Journal Of Chemical And Pharmaceutical Sciences	12 (4), pp.745-749 (2015)	0.684
73	S.Preethi	TOC and COD removal from municipal solid waste leachate using Electrocoagulation method	Journal Of Chemical And Pharmaceutical Sciences	12 (4), pp.745-749 (2015)	0.684

74	P.Deepthi	Treatment of Dairy Industry Waste Water using Eucalyptus Wood Saw Dust activated Carbon powder	Journal Of Chemical And Pharmaceutical Sciences	13 (4), pp.729-733 (2015)	0.684
75	B.Anandh	Treatment of Dairy Industry Waste Water using Eucalyptus Wood Saw Dust activated Carbon powder	Journal Of Chemical And Pharmaceutical Sciences	13 (4), pp.729-733 (2015)	0.684
76	V.Lavanya	Importance of Bottom Ash in Preventing Soil Failure	Journal Of Chemical And Pharmaceutical Sciences	8 (4), pp.836-840 (2015)	0.684

Cummulative Impact factor for the Papers published by staff and students of department of civil engineering in the International journals is 315.87

c). Number of publications listed in International Database (For Eg: Web of Science, Scopus, And Humanities International Complete, Dare Database - International Social Sciences Directory, EB SCO host, etc.)

S.No.	International database	Number of publications
1	Web of Science	07
2	Scopus	57
3	Humanities International Complete	-
4	Dare Database	-
5	J-Gate	-
6	Google Scholor	131
7	EBSCO Host	-

20. Areas of consultancy and income generated:

S.No	Title Of The Project	Faculty Incharge	Funding Agency	Duration	Amount (Lakhs)
1	Planning and Scheduling	A.Nanda Kumaar	NAPC Limited	Mar 2015 – Oct 2015	150000
2	Soil Bearing Capacity Test	Mr.M.Ammaiappan	Vel Tech Trust	Mar 2015 – June 2015	140000
3	Estimation and Quantity Survey	A.N.KandaSwamy	Vel Tech Trust	Feb 2014 – Sep 2014	120000
4	Ground water testing	Dr.D.Sivakumar	Dynamic Tech	May 2014 – June 2014	75000
5	Proposal of Grade Separator	A.Sahaya Amalorpavam	Stup Consultant	Jan 2014- June 2014	250000
6	Surveying of Land	K.Deventhiran	New Gen Instrument	Mar 2013 – June 2013	120000
7	Design and Analysis for Building	Dr.M.Thiruvengadam	Vel Tech Trust	Apr 2013 – July 2013	125000
8	Treatment of Dairy Industrial Wastewater	Dr.D.Sivakumar	KR Environmental Consultant	June 2014- June 2015	300000
9	Treatment of Electroplating Industrial Wastewater	Dr.D.Sivakumar	N.P.S. Electroplating Industry	June 2014- Dec. 2015	550000
10	Treatment of Textile Industrial Wastewater	Dr.D.Sivakumar	E.I. Textile industry	Jan. 2015 – June 2015	500000
11	Treatment of Tannery Industrial Wastewater	Dr.D.Sivakumar	Vel Tech Trust	July 2015- Mar. 2016	500000

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards

National Committees

S.No.	Name of the Faculty Member	Contribution in Variours National Committees
1	Dr.M.Thiruvengadam	MISTE, MIE, MIAH
2	Dr.D.Sivakumar	MISTE, FIAH, FIWRS, FIPHE, MIE, MIAEM, MIWWA, MIAAC
3	Mr. J. Rajaganapathy	MISTE
4	Mr. A. Nanda Kumar	MISTE
5	Mr. K.Deventhiran	MISTE

International Committee

Year	Name of the Faculty	Particulars
2013	Dr.D.Sivakumar	<p>ICOGPE 2013 : International Conference on Oil, Gas and Petrochemical Engineering, Paris, France, November 6 - 7, 2013</p> <p>ICEET 2013 : International Conference on Environmental Engineering and Technology, Phuket, Thailand, December 26 - 27, 2013</p> <p>ICEEI 2013 : International Conference on Environmental and Ecological Impacts, Venice, Italy, November 14 - 15, 2013</p> <p>ICEES 2013 : International Conference on Environmental and Ecological Systems, Melbourne, Australia, December 16 - 17, 2013</p> <p>ICCEEE 2013 : International Conference on Chemical, Ecological and Environmental Engineering, Spain, November 28 - 29, 2013</p>
2014	Dr.D.Sivakumar	<p>ICAEE 2014 : International Conference on Agricultural and Environmental Engineering , London, January 20 - 21, 2014</p> <p>ICCBEE 2014 : International Conference on Chemical, Biological and Environmental Engineering , Dubai, UAE, January 30 - 31, 2014</p> <p>ICSW 2014 : International Conference on Solid Wastes , Rio de Janeiro, Brazil, February 27 - 28, 2014</p> <p>ICESSE 2014 : International Conference on Environmental Systems Science and Engineering , Rio de Janeiro, February 27 - 28, 2014</p> <p>ICEEE 2014 : International Conference on Energy and Environmental Engineering , Dubai, UAE, March 12 - 13, 2014</p> <p>ICMPG 2014 : International Conference on Mineralogy, Petrology, and Geochemistry, Singapore, SG, March 30 - 31, 2014</p> <p>ICOGPE 2014 : International Conference on Oil, Gas and Petrochemical Engineering, Paris, France, April 28 - 29, 2014</p> <p>ICOGPE 2014 : International Conference on Oil, Gas and Petrochemical Engineering , Toronto, Canada, June 16 - 17, 2014</p> <p>ICSW 2014 : International Conference on Solid Wastes , Paris, France, June 26 - 27, 2014</p> <p>ICECE 2014 : International Conference on Environmental and Civil Engineering , Vancouver, Canada, August 7 - 8, 2014</p> <p>ICPBE 2014 : International Conference on Pharmaceutical and Biotechnological Engineering , Rome, Italy, September 18 - 19, 2014</p>
2015	Dr.D.Sivakumar	<p>ICSEES 2015 : International Conference on Sustainable Energy and Environmental Sciences, Venice, Italy, April 13 - 14, 2015</p> <p>ICEME 2015 : International Conference on Environmental Management and Engineering, Dubai, UAE, February 20 - 21, 2015</p> <p>ICEPR 2015 : International Conference on Environmental Pollution and Remediation, Paris, France, July 20 - 21, 2015</p> <p>ICUDEM 2015 : International Conference on Urban Development and Environmental Management, Italy, April 13 - 14, 2015</p> <p>ICGES 2015 : International Conference on Geological and Environmental Sciences, Montreal, Canada, May 11 - 12, 2015</p> <p>ICEES 2015 : International Conference on Environmental and Ecological Systems, Paris, France, February 23 - 24, 2015</p> <p>ICWWTP 2015 : International Conference on Water and Wastewater Treatment Plants, Singapore, SG, January 8 - 9, 2015</p> <p>ICEPRM 2015 : International Conference on Environmental Pollution, Restoration, and Management, Italy, June 21 - 22, 2015</p>

		ICURS 2015 : 17th International Conference on Urban Regeneration and Sustainability, Melbourne, Australia, December 13 - 14, 2015 ICTTP 2015 : 17th International Conference on Traffic and Transport Psychology, Osaka, Japan, October 8 - 9, 2015 CPBE 2015 : 17th International Conference on Pharmaceutical and Biotechnological Engineering London, UK, September 25 - 26, 2015
2016	Dr.D.Sivakumar	IGSC 2016 : International Geological Sciences Conference, IGSC November 12-13, 2016, Kyoto Japan IGGC 2016 : International Geology and Geophysics Conference, IGGC November 12-13, 2016, Kyoto Japan ICOGPE 2016 : 18th International Conference on Oil, Gas and Petrochemical Engineering, Istanbul, Turkey, March 30 - 31, 2016 ICPOR 2016 : 18th International Conference on Petrochemistry and Oil Refining, Johannesburg, South Africa, January 12 - 13, 2016 ICURS 2016 : 18th International Conference on Urban Regeneration and Sustainability, Paris, France, January 21 - 22, 2016 ICEEWM 2016 : 18th International Conference on Environment, Energy and Waste Management, Istanbul, Turkey, January 25 - 26, 2016 ICAHEE 2016 : 18th International Conference on Agriculture, Horticulture and Environment Engineering, Doha, Qatar, February 8 - 9, 2016 ICEBWE 2016 : 18th International Conference on Energy, Biomass and Waste Engineering, Montreal, Canada, May 16 - 17, 2016 CAB 2016 : 18th International Conference on Agriculture and Biotechnology, Jeddah, Saudi Arabia, January 26 - 27, 2016 ICMFE 2016 : 18th International Conference on Marine and Freshwater Environments, Dallas, USA, December 8 - 9, 2016 ICBTECE 2016 : 18th International Conference on Biogeochemistry, Trace Elements and Chemical Engineering, Switzerland, Jan.12 - 13, 2016

Editorial Board

EDITOR / EDITORIAL BOARD MEMBER OF INTERNATIONAL / NATIONAL JOURNALS

Sl.No.	Name of the Faculty	Particulars
1.	Dr.D.Sivakumar	Managing Editor for the “ Global Journal of Environmental Science and Management ”
2.	Dr.D.Sivakumar	Associate Editor for the “ International Journal of Environmental Science and Technology ”
3.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Environmental Science and Engineering ”.
4.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Engineering and Advanced Technology ”
5.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Recent Technology and Engineering ”
6.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Innovative Science and Modern Engineering ”

7.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Advanced Engineering and Nano Technology ”
8.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Inventive Engineering and Sciences ”
9.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Emerging Science and Engineering ”
10.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Innovative Technology and Exploring Engineering ”
11.	Dr.D.Sivakumar	Editorial Board Member for the “ International Journal of Soft Computing and Engineering ”
12.	Dr.D.Sivakumar	Editorial Board Member for the “ Pollution Research International ”
13.	Dr.D.Sivakumar	Editorial Board Member for the “ Scholarly Journal of Agricultural Science ”

REVIEWER OF INTERNATIONAL / NATIONAL JOURNALS

Sl.No.	Name of the Faculty	Particulars
1.	Dr.D.Sivakumar	Technical Reviewer for the “ International Journal of Agriculture and Bio Environment ”
2.	Dr.D.Sivakumar	Technical Reviewer for the “ International Journal of Environmental Management ”.
3.	Dr.D.Sivakumar	Technical Reviewer for the “ International Journal of Environmental Pollution ”.
4.	Dr.D.Sivakumar	Technical Reviewer for the “ African Journal of Agriculture ”.
5.	Dr.D.Sivakumar	Technical Reviewer for the “ Water Quality Research Journal of Canada ”.
6.	Dr.D.Sivakumar	Technical Reviewer for the “ Korean Journal of Chemical Engineering ”.
7.	Dr.D.Sivakumar	Technical Reviewer for the “ International Research Journal of Public and Environmental Health ”
8.	Dr.D.Sivakumar	Technical Reviewer for the “ International Journal of Agricultural Policy and Research ”
9.	Dr.D.Sivakumar	Technical Reviewer for the “ Environment and Natural Resources Research ”

GUEST EDITOR FOR THE JOURNALS

Sl. No.	Name of the Faculty	Particulars
1.	Dr.D.Sivakumar	Guest editor for releasing the special issue on “Multi Challenges in Water and Wastewater Treatment Technologies” in “ Pollution Research International Journal ”, Issue – 33(3), 2014, Copyright © EM International, ISSN 0257–8050.
2.	Dr.D.Sivakumar	Guest editor for releasing the special issue on “Advances and Innovations in Civil Engineering” in “ International Journal of Advances Information Science and Technology ”. Issue – 32 (32), 2014,ISSN: 2319- 2682.

3.	Dr.D.Sivakumar	Guest editor for releasing the special issue on “Advances and Innovations in Science, Engineering and Technology” in “ International Journal of Applied Engineering Research ”. Issue – 10 (53), 2015, Print ISSN 0973-4562. Online ISSN 1087-1090.
4.	Dr.D.Sivakumar	Guest editor for releasing “Advances and Innovations in Civil Engineering” in “ Journal of Chemical and Pharmaceutical Sciences ”. Issue – 8 (4), 2015, ISSN 0974-2115.
5.	Dr.D.Sivakumar	Guest editor for releasing “Advances in Science and Technology” in “ Journal of Science and Technology ”. Issue - to be published.

CHEIFT EDITOR FOR THE PROCEEDING OF THE CONFERENCES / SEMINARS / WORKSHOPS

Sl. No.	Name of the Faculty	Particulars
1.	Dr.D.Sivakumar	National Conference on Advances and Innovations in Civil and Mechanical Engineering – AICME’11, 2011
2.	Dr.D.Sivakumar	National Workshop on Advances in Construction Technology and Transportation Engineering – ACTTE ’11, 2011
3.	Dr.D.Sivakumar	National Conference on Advances and Innovations in Civil and Mechanical Engineering – AICME’12, 2012
4.	Dr.D.Sivakumar	National Conference on Advances and Innovations in Civil and Mechanical Engineering – AICME’13, 2013
5.	Dr.D.Sivakumar	National Seminar on Quest for Innovations in Civil Engineering – QICE’13, 2013
6.	Dr.D.Sivakumar	National Conference on Multi Challenges in Water and Wastewater Treatment Technologies – MCWWTT’14, 2013
7.	Dr.D.Sivakumar	National Conference on Advances and Innovations in Civil and Mechanical Engineering – AICME’14, 2014
8.	Dr.D.Sivakumar	National Workshop on Seismic Resistant structures – Analysis and Design – SRS-AD’15, 2015
9.	Dr.D.Sivakumar	National Conference on Advances and Innovations in Civil Engineering – AICE’15, 2015

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

S.No	Name of the Programme	Academic year	% of students who have done In-house Project	
1	Civil Engineering	2012-13	UG	45%
2	Civil Engineering & M.E Structural Engineering	2013-14	UG	44.2%
			PG	62.5%
3	Civil Engineering & M.E Structural Engineering	2014-15	UG	57%
			PG	56%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

S.No.	Name of the Programme	Academic year	% of students who have done Projects outside the department	
1	Civil Engineering	2012-13	UG	55%
2	Civil Engineering & M.E Structural Engineering	2013-14	UG	55.8%
			PG	37.5%
3	Civil Engineering & M.E Structural Engineering	2014-15	UG	43%
			PG	44%

Best Project

2012-2013

Sl.No.	Name Of The Students	Title Of The Projects
1	Ramganes.A.G Sankaranand.K Subha Deep Das	Experimental Study On Fibre Reinforced Aerated Concrete
2	Ishwarya.C Priyanka.T Dhivya.K	Removal Of Heavy Metals From Industrial Solidwaste Leachate Using Groundnut Shell
3	Hemalatha.J Jelin Samuel.B	Hydrological Feasibility Study For Rehabilitation Of An Irrigation Tank
4	Deepak K Sajnani Rathish.V.R Thiyagarajan.S	Workability Retention And Mechanical Properties Of Concrete Using New Generation Super Plasticizer
5	Dhanalakshmi.G Vaisnavi.S	Effects Of High Performance Concrete On Pcc Structure By Partial Replacement Of Agricultural Waste
6	Macharla Praveen Kumar Shaik Abdul Kader.K	Evaluation Of Pile Integrity Using Low Strain Integrity Test
7	Karthikeyan.D Sundarrajan.S Yogeshwaran.J	Experimental Investigation And Study On No Fines Concrete
8	Balasubramaniam.B Deepak.M Steeban.A	Experimental Studies On High Performance Concrete Using Natural Fibre (Coir Fibre)
9	Janani.G.J Shifu Jahan.N	Effect Of Concentration Of Alkaline Liquid On Strength Of Geopolymer Concrete
10	Dharmendra. P Narendiran.A Karthikeyan.B	Experimental Investigation On Lime-Fly Ash-Rice Husk Ash Solid Bricks

2013-2014

S.No	Name	Project Title	Internal Guide Name	External Guide Name
1	Mohammed Shoaib Ali. S Marvel Dharma. S	Studies On Concrete Beams Reinforced With Gfrp And Tmt Bars Under Flexure	Dr.M.Thiruvengadam, Professor	Shri P. Gandhi, Senior Principal Scientist, Csir - Serc
2	Arivole.E Hussain Babu.D	Factors Influencing Natural Frequencies Of Tall Structures – A Parametric Study	Dr.D.Sivakumar, Professor	Ms. M.Keerthana, Scientist, Csir-Serc
3	Seshasayee.V	Mechanical Behaviour Of Basalt Fibre Reinforced Concrete	Dr.D.Sivakumar, Professor	Dr. A. Ramachandra Murthy, Senior Principle Scientist, Csir-Serc
4	Suresh Babu.R Dinesh.K	Numerical Evaluation Of Longitudinal Forces In Railway Bridges	Dr.M.Thiruvengadam, Professor	Dr. S.Parivallal, Principal Scientist, Csir- Serc
5	Sruthee.P	Evaluation Of Durability Parameters Of Concrete	Prof.A.N.Khandasamy, Professor	Dr.S.Bhaskar, Senior Principle Scientist, Csir-Serc
6	Chandralekha.B Saraswathi.P Janani.S	Experimental Investigation Of High Performance Free Flow Concrete Of M60 Grade	Dr.D.Sivakumar, Professor	Mr.D.K.Jaikumar, Senior Manager – Qa/Qc
7	Vishnu Varadan .S.A Sri Linga Aravindan . M Satish Vadivelan . A	Experimental Study On Mechanical And Durability Properties Of Concrete Using Steel Fibres	Mr.M.Ponpandian, Assistant Professor	Mr.K.Aravindh
8	Avinash Kumar S.R Balaji.K.P.R Raja .B.M Anand Kumar.A.R	Experimental Investigation Of Human Hair As Fibre Reinforced Cement Concrete	Mr.V.Naresh Babu, Assistant Professor	
9	Md Haris Fardan Khan Arun Kumar.A Sridhar Mohan	Study On Effect Of Partial Replacement Of Cement With Peanut Shell Ash And Ggbs In M40 Grade Concrete	Mr.M.Ammaiappan, Assistant Professor	
10	Sathish.V Sathya Jothi .G Jothibasun.V Santhosh Paul Raj. M	Experimental Study On Fly Ash-Lime Sludge-Bricks	Mr.K.Lineesh, Assistant Professor	

11	K.A.S.Ahamed Aslam R.Ezhilan Sivaperumal.M Parthiban .S	Experimental Investigation On Flexural Behaviour Of Precast Sandwich Large Roof Panels Made Up Of Eps And Ferro Cement	Mr.R.Anand, Assistant Professor	
12	Nadunchezia Pandian.T S.K. Vijayankarthick Vishal .R.R Hariprasad	Experimental Investigation On Cellular Light Weight Concrete	Mr.K.Balasubramanian, Assistant Professor	

2014-2015

S.No	Name	Project Title	Internal Guide Name	External Guide Name
1	Ponvalavan.M Jagathan Praksah.A Kumarappan.S Raj Kumar.D	Response Of Reinforced Sandwich Panels And Solid Concrete Wall Subjected To Lateral Loading	Prof. A.N. Kandaswamy	
2	N.Murugan R.Rajeshwaran M.Kotteeswaran	Size Effect On Standard And High Strength Concrete Using Natural And Manufactured Sand Subjected To Static Loading	Dr.D.Sivakumar	Mr.G.Sivakumar
3	Arivarasan Varunbalakumar Hemanth Kumar Deepak.S	Analysis Of Concentration Of Fluorine In Ground Water And Reduction Treatment In Vellore	Mr.R.Anand	
4	Shakthi Sri.N Shobana.T Soundarya.C	Durability And Mechanical Characterisation Of Concrete Using Alccofines	Dr.D.Sivakumar	Mr.G.Sivakumar
5	Sanjay.C Khalid Ahmed Gour.A Mohammed Sathik Ali.K.M Srinivasan.R	Experimental Investigation Of Flexure Strength Of The Concrete Using Fly Ash With Glass Fibre	Mr.M.Ammaiappan	

23. Awards / Recognitions received by Students:

Awards / Recognitions Received by Faculty Members

1.	D.Sivakumar, Manish Kumar Mandal	Received Best Paper Award - (2015). Toxic Metal Removal by <i>Eichhorniacrassipes</i> , Proceedings of International Conference on Science, Technology, Engineering and Management (ICONSTEM 2K15), 26-27, March 2015, Jeppiaar Engineering College, Chennai, SEH-018, pp.1-5.	2015
2.	D. Sivakumar, Manish Kumar Mandal	Received Best Paper Award - (2015). Reduction of toxic metals from electroplating industrial effluent using <i>Eichhornia crassipes</i> , Fifth National Conference on Recent Trends in Chemical, Energy and Environmental Engineering (CEEE), 12 Feb. 2015, SSN College of Engineering, Chennai, pp. 1-5.	2015
3.	B.Subashini, G.Dhanalakshmi, A.Srimathi, C.Reavathi	, 2015, Experimental investigation of sea sand for construction purposes, Proceedings of the National Conference on “Advances and Innovations in Civil Engineering – AICE’ 15”, Vel Tech High Tech Dr.RangarajanDr.Sakunthala Engineering College, Chennai 600062, 15 th September 2015, pp.121-125.(Third Prize, Cash Award Rs.1000/-)	2015
4.	G.Dhanalakshmi, R.Karthick, S.Shankumar, R.Keshanth,	Effect of high performance concrete in PCC structure by partial replacement of agricultural waste, Proceedings of the National Conference on “Advances and Innovations in Civil Engineering – AICE’ 15”, Vel Tech High Tech Dr.RangarajanDr.Sakunthala Engineering College, Chennai 600062, 15 th September 2015, pp.234-237. (Second Prize, Cash Award Rs.2000/-)	2015
5.	Sivakumar,D., N.Murugan, R.Rajeshwaran,	Received Cash Award of Rs.1000/- (First Prize) – “Effect of Sugarcane Baggase Powder on Reduction of COD and TDS in A Dairy Industry Wastewater”, Proceeding of the fourth national level conference (Innovation in Machinery and Structures)-INOMAS 2014, 34-38.	2014
6.	Sivakumar, D., J.Rajaganapathy, G. Gayathri,	Received Cash Award of Rs.3000/- (First Prize) – “Colour Removal from Textile Industry Wastewater using <i>Aspergillus niger</i> ”, Fourth National Conference on “Advances and Innovations in Civil and Mechanical Engineering-AICME’ 14”, pp.C6-C10.	2014
7.	Sivakumar, D., M.Ammaiappan, R.Anand, V.Lavanya	Received Cash Award of Rs.1000/- (Third Prize) – “Performance Analysis of Cohesive Soil By Using Lime and Flyash”, Fourth National Conference on “Advances and Innovations in Civil and Mechanical Engineering-AICME’ 14”, pp.C112-C118.	2014
8.	Sivakumar, D., M.Thiruvengadam, N.Murugan, R.Rajeshwaran,	Received Cash Award of Rs.1000/- (Third Prize) – “Reduction of Pollutants from Dairy Industry Wastewater Using Teak Wood Saw Dust Powder”, Fourth National Conference on “Advances and Innovations in Civil and Mechanical Engineering-AICME’ 14”, pp.C35-C38.	2014
9.	Sivakumar, D	Selected as a candidate for inclusion in the 2014 edition of Who’s Who in the World (published by Marquis, New Jersey, USA).	2014
10.	R.Rajeswaran, N,Murugan D.Sivakumar	Received Cash Award of Rs.1500/- (Second Prize) – “Reduction of contaminants from Dairy industry wastewater using corn stem powder and sugarcane baggase powder”.	2013

11.	Sadhana, N., Soundarya, C., and Sivakumar D	Received Cash Award of Rs.1500/- (Second Prize) –“Removal of Hexavalent Chromium from Tannery Industrial Wastewater using Electro-dialysis method”.	2013
12.	Sivakumar D	Published my PhD Thesis (ISBN 978-3-8473-4134-5) by LAP LAMBERT Academic Publishing GmbH & Co., Germany in 2012.	2012
13.	Sivakumar D	Selected as a candidate for inclusion in the 2012 edition of Who's Who in the World (published by Marquis, New Jersey, USA).	2012

Awards / Recognitions received by Students:

AWARDS (Paper Presentation)

S.No	Name	College	Date	Prize
CAY (2014-2015)				
1	JanakiSundaram.S	Sri Venkateshwara Institute Of Science And Technology	13.09.2014	3rd
2	JanakiSundaram.S	Sri Venkateshwara Institute Of Science And Technology	13.09.2014	2nd
3	JanakiSundaram.S	Thangavelu Engineering College	09.08.014	3rd
4	JanakiSundaram.S	Magna College Of Engineering	10.09.2014	2nd
5	M.Arjun Raj	Sri Muthukumaran Institute Of Technology	12.09.2014	2nd
6	M.Arjun Raj	Sri Venkateshwara Institute Of Science And Technology	13.09.2014	2nd
7	D.Gopinath	Sri Muthukumaran Institute Of Technology	12.09.2014	2nd
8	V.Sivaranjani	Arunai Engineering College	16.09.2014	3rd
9	V.Sivaranjani	Arunai Engineering College	16.09.2014	2nd
10	S.Bhargavi	Arunai Engineering College	16.09.2014	3rd
11	Soundarya.C	B.S.AbdurRahman University	7.10.2014	1st
CAYm1 (2013-2014)				
1	Soundarya.C	B.S Adurahman University	07.10.2013	1st
2	A.JagathanPrakash	Eswari Engineering College	30.08.2013	1st
3	A.JagathanPrakash	Eswari Engineering College	30.08.2013	1st
4	M.Anbarasu	Tagore Engineering College	01.06.2013	1st
CAYm2 (2012-2013)				
1	Ponvalavan.M	Anna University	2.02.2013	3rd
2	Anbarasu.M	Tagore Engineering College	1.03.2013	1st
3	Boobesh	TJS Engineering College	16.03.2013	1st
4	Murugan	TJS Engineering College	16.03.2013	1st
5	Boobesh		13.03.2013	1st
6	Vigneshwari	Jeppiaar Engineering College	5.03.2013	3rd
7	Soundarya.C	Jeppiaar Engineering College	5.03.2013	2nd
8	Sadhana	Jeppiaar Engineering College	5.03.2013	2nd
9	Khalid Ahmed Gour.A	Anna University, Chennai	2.02.2013	3rd
10	V Boobesh	Tjs Engineering College	16.03.2013	1st
11	N.Murugan	Tjs Engineering College	16.03.2013	1st
12	V Boobesh	ApooloPriyadarshanam Institute Of Technology	13.03.2013	1st
13	R.Rajeshwaran	ApooloPriyadarshanam Institute Of Technology	13.03.2013	1st
14	Vigneshwari.M	Jeppiaar Engineering College	05.03.2013	3rd
15	C. Soundarya	Jeppiaar Engineering College	05.03.2013	2nd
16	Sadhana.N	Jeppiaar Engineering College	05.03.2013	2nd
17	Ponvalavan.M	College Of Engineering, Guindy	02.02.2013	3rd

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

18	Khalid Ahmed Gour.A	College Of Engineering, Guindy	02.02.2013	3rd
19	Anbarasu.M	College Of Engineering, Guindy	02.02.2013	3rd

AWARD (SPORTS)

S.No	Name	Event	Place	Year	Prize
Cay (2014-2015)					
1	N.Aravind	Kho-Kho	Prathyusha Institute Of Technology And Management	Sep,14	1st
2	N.Ananth	Kho-Kho	Prathyusha Institute Of Technology And Management	Sep,14	1 St
3	A.JagathanPrakash	Shotput	Chengalpat Medical College	Sep-14	1 St
4	A.JagathanPrakash	Discuss Throw	Chengalpat Medical College	Sep-14	1 St
5	N.Aravind	Kho-Kho	Dwaraka Doss Goverdhan Doss Vaishnav College	2014	Runner
Caym1 (2013-2014)					
1	N.Ananth	Kho-Kho	Anna University ,Chennai	Apr,14	3rd
2	Mohamed Irfan.D	Weight Lifting	Assam Agricultural University,Assam	Apr,14	Gold Medal
3	Lavanya.R	Poem Writing	Vel Tech High Tech Engineering College	Mar-14	2nd
4	LavanyaPavithra.S	Rangoli	Vel Tech High Tech Engineering College	Mar-14	1 St
5	Deepthi.P	Mehendi	Vel Tech High Tech Engineering College	Mar-14	Best Performer
6	N.Aravind	Kho-Kho	Anna University ,Chennai	Apr-14	3rd
7	A.JagathanPrakash	Model Making	EaswariEngg College	Aug-13	1st
Caym2 (2012-2013)					
1	A.JagathanPrakash	Discuss Throw	Chengalpat Medical College	2013	1st
2	A.JagathanPrakash	Shotput	Chengalpat Medical College	2013	3rd
3	YaserMeeranMohideen.K	Discuss Throw	Chengalpat	2012	1 St
4	A.JagathanPrakash	Hammer Throw	S.A Engg College	Oct-12	2rd
5	A.JagathanPrakash	Shotput	S.A Engg College	Oct-12	1st
6	A.JagathanPrakash	Discuss Throw	S.A Engg College	Nov-12	2st
Caym3(2011-2012)					
1	A.JagathanPrakash	Hammer Throw	Government Polytechnic College	Dec-11	2st
2	A.JagathanPrakash	Discuss Throw	Government Polytechnic College	Mar'11	1st
3	A.JagathanPrakash	Shotput	Government Polytechnic College	Mar'11	1st
4	A.JagathanPrakash	Shotput	Sports Development Authority Of Tamilnadu	Dec'11	1 st

**PARPTICIPATION IN CONFERENCES / SEMINARS / WORKSHIOPS / SYMPOSIUMS
ACADEMIC YEAR 2012-2013**

S.N O	Name	College	Month & Year	Prize
1	C.Hemalatha	Hindustan University	Aug-12	First prize
2	M.Ponvalavan	Anna university	Feb-13	Third prize
3	M.Anbarasu	Tagore engg college	Mar-13	First prize
4	P.Sruthee	Misrimal navajee munoth jain engg college	Sep-12	Third prize
5	P.Sruthee	SRM university	Sep-12	First prize
6	P.Sruthee	Misrimal navajee munoth jain engg college	Sep-12	Third prize
7	P.Sruthee	Jerusalem engg college	Sep-12	Second prize
8	S.Deepan	Hindustan University	Aug-12	First prize
9	A.J.Rakesh	Hindustan University	Aug-12	First prize
10	C.Hemalatha	Hindustan University	Aug-12	First prize
11	P.Sruthee	Misrimal navajee munoth jain engg college	Sep-12	Third prize
12	P.Sruthee	SRM university	Sep-12	First prize
13	C.soundarya	Misrimal navajee munoth jain engg college	Sep-12	First prize
14	P.Sruthee	SRM university	Sep-12	Second prize
15	P.Sruthee	SRR engg college	Oct-12	Second prize
16	A.Jagathan prakash	Priyar maniammai university	Oct-12	First prize
17	A.Jagathan prakash	Priyar maniammai university	Oct-12	First prize
18	P.Sruthee	SRR engg college	Oct-12	Second prize
19	A.Jagathan prakash	Easwari engg college	Aug-12	First prize
20	Boobesh	Apollo priyadarshanam engg college	Mar-13	First prize
21	M.Vigneshwari	Jeppiaar engg college	Mar-13	Third prize
22	Soundarya	Jeppiaar engg college	Mar-13	Second prize
23	N.sadhana	Jeppiaar engg college	Mar-13	Second prize
24	M.Ponvalavan	Anna university	Feb-13	Third prize
24	A.Khalid ahmed gour	Anna university	Feb-13	Third prize
25	M.Anbarasu	Anna university	Feb-13	Third prize

ACADEMIC YEAR 2013-2014

S.NO	Name	College	Month & Year	Prize
1	C.Soundarya	Vel Tech High Tech engg college	Mar-14	Second prize
2	M.Murugan	Easwari engg college	Aug-13	First prize
3	T.Shobana	B.S.Abdul rahman university	Oct-13	First prize

ACADEMIC YEAR 2014-2015

S.N O	Name	College	Month & Year	Prize
1	S.Janaki sundaram	Sri Venkateswara Institute of Science and technology	Sep-14	Third prize
2	M.Arjun raj	Sri Muthukumaran Institute of Technology	Sep-14	Second prize
3	D.Gopinath	Sri Muthukumaran Institute of Technology	Sep-14	Second prize
4	Arjunraj	Sri Venkateswara Institute of Science and technology	Sep-14	Second prize
5	V.Sivaranjani	Arunai engg college	Sep-14	Third prize
6	S.Bhargavi	Arunai engg college	Sep-14	Third prize
7	V.Sivaranjani	Arunai engg college	Sep-14	Second prize
8	S.Janaki sundaram	Magna college of engg	Sep-14	Second prize
9	S.Janaki sundaram	Sri Venkateswara Institute of Science and technology	Sep-14	Second prize
10	S.Janaki sundaram	Thangavelu engg college	Aug-14	Third prize
11	S.Janaki sundaram	Sakthi engg college	Sep-14	First prize
12	S.Janaki sundaram	Sakthi engg college	Sep-14	Third prize
13	Manish kumae mandal	Jeppiaar engg college	Mar-15	Best paper
14	Arjunraj	Hindustan university	Mar-15	First prize
15	Sathya prakash	Mamallan institute of technology	Mar-15	Third prize
16	Balaji	Mamallan institute of technology	Mar-15	Third prize
17	S.Nivedha	Mamallan institute of technology	Mar-15	Third prize
18	S.Janaki sundaram	Panimalar engg college	Jan-15	First prize
19	C.Soundarya	Saarang	Jan-15	First prize
20	S.Janaki sundaram	KCG college of technology	Feb-15	First prize
21	S.Janaki sundaram	SSN college of engg	Feb-15	Third prize
22	S.Janaki sundaram	B.S.Abdul rahman university	Jan-15	Second prize
23	S.Sham kumar	B.S.Abdul rahman university	Jan-15	Second prize

24. List of eminent academicians and scientists / visitors to the department

S.No	Date	Name of the academicians and scientists / visitors	Designation
1	6/2/2016	Mrs.Beulah Gnana Ananthi	Professor, CEG
2	6/2/2016	Dr .K.C Pazhani	Professor,CEG
3	24/03/2015	Dr.T.Hemalatha	Scientist, CSIR - SERC
4	29/09/2014	Mr.Lenin Kalyanasundaram	Research Person & Asst.Professor, Anna university.
5	21/08/2014	Dr.T.Hemalatha	Scientist, CSIR - SERC
6	13/08/2014	Dr.Ramachandra Murthy	Senior Scientist, SERC - Chennai
7	31/08/2013	Dr.S.Shanmugasundaram	Professor, Transportation Division, CEG
8	30/08/2013	Ms.Bhavana Chandar Das	Regional Manager, Octamec Engg. Ltd, Chennai.
9	29/08/2013	Mr.A.Siva	Research Associate, Anna University, Chennai.
10	20/02/2013	Mr.Muralitharan	Engineer, KKM Software, Chennai.
11	11/7/2012	Dr.N.G.Anuthaman	Associate Professor, CWR, CEG,
12	18/07/2012	Dr.S.Shanmugasundaram	Professor, Transportation Division, CEG
13	25/07/2012	Dr.R.Saravanan	Assistant Professor, CWR, CEG,
14	1/8/2012	Dr.S.Shanmugasundaram	Professor, Transportation Division, CEG
15	10/8/2012	Dr.R.Sakthivadivel	Emeritus Professor, CWR, CEG
16	3/9/2012	Dr.A.R.Santhakumar	Emeritus Professor, Structural Engineering, IIT-Madras
17	4/9/2012	Prof .Nammalwar.R	Professor, Ocean Engineering Dept, CEG
18	4/8/2011	Mr.C.Kamaraj	M.E., Scientist, CLRI

25. Seminars/ Conferences/Workshops organized & the source of funding :

S.No	Name of the programme	Title / Topic	Venue	Month / Year	Source of Funding
1	National Conference	Advances and Innovations In Civil and MEchanicalEngineering -AICME'13	Veltech Hightech Engineering College	05 September 2013	Veltech Hightech
2	National Seminar	Quest for innovations in Civil Engineering	Veltech Hightech Engineering College	30 October 2013	CSIR Funded (Rs. 0.3 Lakhs)
3	National Conference	Advances and Innovations In Civil and MEchanicalEngineering -AICME'14	Veltech Hightech Engineering College	23 August 2014	Veltech Hightech
4	National Conference	National Conference on Multi Challenges in Water and Wastewater Treatment Technologies – MCWWTT' 14	Veltech Hightech Engineering College	24 January 2014	AICTE New Delhi (Rs.2 Lakhs)
5	National Conference	Advances nd Innovtions In Civil Engineering- AICE'15	Veltech Hightech Engineering College	15 September 2015	Veltech Hightech
6	National Conference	Advances and Innovations in Civil Enginnering-AICE'15	Veltech Hightech Engineering College	2015-2016	Veltech Hightech
7	National Seminar	National Workshop on Seismic Resistant structures – Analysis and Design (SRS-AD' 15)	Veltech Hightech Engineering College	11 March 2015	Veltech Hightech
8	Workshop	ETABS and 3D Modelling ET3DM'15	Veltech Hightech Engineering College	18 August 2015	Veltech Hightech
9	Workshop	Autocad and Revit Architecture-ACRA'15	Veltech Hightech Engineering College	19 August 2015	Veltech Hightech
10	Workshop	Revit Architecture and Staad Pro-RASP'15	Veltech Hightech Engineering College	21 August 2015	Veltech Hightech

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage	Academic Year
			*M	*F		
B.E. Civil Engineering	-	362	277	85	53%	2011-2012
	-	400	310	90	56%	2012-2013
	-	397	307	90	53%	2013-2014
	-	356	274	82	54%	2014-2015
M.E. Structural Engineering	-	36	25	11	98%	2013-2014
	-	36	13	5	83.33%	2014-2015

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	Year	% of students from the same	% of students from other States	% of students
B.E. Civil Engineering	2011	97%	3%	Nil
	2012	95%	5%	Nil
	2013	96%	4%	Nil
	2014	94%	6%	Nil
	2015	97.5%	2.5%	Nil
M.E. Structural Engineering	2013	98%	2%	Nil
	2014	98%	2%	Nil
	2015	89%	11%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.,

Academic Year	Types of Exams	Number of Students Appeared	Number of Students Qualified
2014-2015	GATE	16	11
	GRE	-	-
	TOFEL	-	-
	CAT	-	-
	GMAT	-	-
	TANCET	22	19
	NET	-	-
	SLET	-	-
	CIVIL SERVICE	-	-
	DEFENCE SERVICE	-	-
2013-2014	GATE	20	16
	GRE	-	-
	TOFEL	-	-
	CAT	-	-
	GMAT	-	-
	TANCET	25	20
	NET	-	-
	SLET	-	-
	CIVIL SERVICE	-	-
	DEFENCE SERVICE	-	-
2012-2013	GATE	20	11
	GRE	-	-
	TOFEL	-	-
	CAT	-	-

	GMAT	-	-
	TANCET	20	15
	NET	-	-
	SLET	-	-
	CIVIL SERVICE	-	-
	DEFENCE SERVICE	-	-

29. Student progression:

Student progression	Academic Year		
	2012-2013	2013-2014	2014-2015
UG to PG	15	20	19
PG to M.Phil.	Nil	Nil	Nil
PG to Ph.D.	Nil	Nil	Nil
Ph.D. to Post-Doctoral	Nil	Nil	Nil
Campus selection / Other than campus recruitment	70	70	61
Entrepreneurship / Self-employment	3	4	5

30. Details of Infrastructural facilities

✓ Library:

Department Library Facility, access to the central library and the internet facility to the staffs and students. It has a total number of 120 books in the following areas such as,

- Structural Engineering – 22 books.
- Transportation Engineering – 16 books.
- Water Resources Engineering – 16 books.
- Construction Technology – 13 books.

- Concrete Design – 23 books.
- Others – 30 books.
- ✓ **Internet facility for staff and student:**

In the Department three systems are provided for staffs for the work environment Facility.

 - Windows 7 Based OS – 2 Systems.
 - Windows XP Based OS – 1 Systems.
 - System with Internet – 1 System.
- ✓ **Class room with ICT facility:**

ICT tools like Projector, OHP are used in three different Seminar Halls including a Tata Centre.

 - B.E. Civil Engineering – 2 Seminar Halls.
 - M.E. Structural Engineering – 1 Seminar Halls.
- ✓ **List of Laboratories**
 - GE 6162 – Engineering Practices Laboratory
 - CE6311 – Survey Practical I
 - CE6312 – Computer Aided Building Drawing
 - CE6411 – Strength of Materials Laboratory
 - CE6412 – Hydraulic Engineering Laboratory
 - CE6311 – Survey Practical II
 - CE6511 – Soil Mechanics Laboratory
 - CE6612 – Concrete and Highway Engineering Laboratory
 - CE6611 – Environmental Engineering Laboratory
 - ST 9225 – Advanced Structural Engineering Laboratory
 - GE 6162 – Engineering Practices Laboratory

S.No.	Name of the Equipment	No. of Quantity
1	Assorted components for plumbing consisting of metallic pipes, plastic pipes, flexible pipes, couplings, unions, elbows, plugs and other fittings.	15
2	Carpentry vice	15
3	Standard woodworking tools	5
4	Models of industrial trusses, door joints, furniture joints	5
5	Rotary Hammer	2
6	Demolition Hammer	2
7	Circular Saw	2
8	Planer	2
9	Hand Drilling Machine	2
10	Jigsaw	2

II. CE6311 – Survey Practical I

S.No.	Name of the Equipment	No. of Quantity
1	Total Station	3
2	Theodolites	6
3	Dumpy level	6
4	Plane table	6
5	Pocket stereoscope	1
6	Prismatic Compass	3
7	Surveyor Compass	1



III. CE6312 – Computer Aided Building Drawing

S.No.	Name of the Equipment	No. of Quantity
1	Computer system of Pentium IV or equivalent	30
2	AUTOCAD	10

V. CE6411 – Strength of Materials Laboratory

S.No.	Name of the Equipment	No. of Quantity
1	UTM of minimum 400 KN capacity	1
2	Torsion testing machine for steel rods	1
3	Izod impact testing machine	1
4	Hardness testing machine Rockwell Vicker's (any 2) Brinell	1 each
5	Beam deflection test apparatus	1
6	Extensometer	1
7	Compressometer	1
9	Le Chatelier's apparatus	2
10	Vicat's apparatus	2

STRENGTH OF MATERIALS LAB:



V. CE6412 – Hydraulic Engineering Laboratory

S.No.	Name of the Equipment	No. of Quantity
1	Bernoulli's theorem – Verification Apparatus	1
2	Measurement of velocity Pitot tube assembly	1
3	Flow measurement open channel flow 2015. Channel with provision for fixing notches (rectangular, triangular & trapezoidal forms)	1 UNIT
4	Flume assembly with provisions for conducting experiments on Hydraulic jumps, generation of surges etc.	1 UNIT
5	Flow measurement in pipes Venturimeter, U tube manometer fixtures like Valves, collecting tank	1 UNIT
6	Orifice meter, with all necessary fittings in pipe lines of different diameters	1 UNIT
7	Calibration of flow through mouth piece Tank with provisions for fixing mouth pieces Viz external mouth pieces & internal mouth piece Borda's mouth piece	1 UNIT
8	Losses in Pipes Major loss – Friction loss Pipe lengths of different	1 UNIT

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

	diameters with Valves and pressure rapping & collecting tank	
9	Minor Losses Pipe line assembly with provisions for having Sudden contractions in diameter, expansions Bends, elbow fitting, etc.	1 UNIT
	Centrifugal pump assembly with accessories (multi stage)	1 UNIT
11	Reciprocating pump assembly with accessories	1 UNIT
12	Deep well pump assembly set with accessories	1 UNIT
13	Turbine Impulse turbine assembly with fittings & accessories	1 UNIT
14	Francis turbine assembly with fittings & accessories	1 UNIT
15	Kaplan turbine assembly with fittings & accessories	1 UNIT

HYDRAULIC ENGINEERING LAB:



VI. CE6311 – Survey Practical II

S.No.	Name of the Equipment	No. of Quantity
1	Total Station	3
2	Theodolites	6
3	Dumpy level	6
4	Plane table	6
5	Pocket stereoscope	1
6	Levelling staff	6
7	Hand held GPS	3

SURVEY LAB:



II. CE6511 – Soil Mechanics Laboratory

S.No.	Name of the Equipment	No. of Quantity
1	Sieves	2 sets
2	Hydrometer	2 sets
3	Proctor compaction apparatus	2 sets
4	UTM of minimum of 20KN capacity	1
5	Direct shear apparatus	1
6	Field density measuring device	2
7	Triaxial shear apparatus	1
8	Three gang consolidation test device	1

SOIL MECHANICS LAB:



VIII. CE6612 – Concrete and Highway Engineering Laboratory

S.No.	Name of the Equipment	No. of Quantity
1	Sieves	1set
2	Concrete Mixer	1
3	Slump cone	3
4	Flow table	1
5	Vibrator	1
6	UTM – 400 kN capacity	1
7	Vee Bee Consistometer	1
8	Aggregate impact testing machine	1
9	CBR Apparatus	1
10	Blains Apparatus	1
11	Los – Angeles abrasion testing machine	1
12	Marshall Stability Apparatus	1

CONCRETE LAB:



IX. ST 9225 – Advanced Structural Engineering Laboratory

S.No.	Name of the Equipment	No. of Quantity
1	Loading Frame	1
2	Load Cell	2
3	Proving Ring	2
4	Rebound Hammer	1
5	Ultrasonic Pulse Velocity Tester	1
6	Clinometer	1
7	Vibration Exciter	1
8	Vibration Meter	1
9	FFT Analyser	1

STRUCTURAL LAB:



X. CE6611 – ENVIRONMENTAL ENGINEERING LAB:

S.No.	Name of the Equipment	No. of Quantity
1	Atomic Adsorption Spectrophotometer	1
2	Flame Photometer	1
3	Gas Chromatography	1
4	BOD analyser	1
5	COD Digestor	1
6	UV Spectrophotometer	1
7	Ion Selective Electrode	2

ENVIRONMENTAL ENGINEERING LAB



31. Number of students receiving financial assistance from college, university, Government or other agencies Financial Assistance from Government

S.No.	Year	No. of Students
1	2011-2012	38
2	2012-2013	134
3	2013-2014	139
4	2014-2015	141

Scholarship details

Year	Scholarship				Farmers Scholarship	National welfare	Central Government merit
	BC	MBC	SC	ST			
2011		18	45	1	Nil	Nil	Nil
2012		16	45	1	3	Nil	Nil
2013	59	21	25	1	Nil	Nil	Nil
2014	58 OC - 7	40 / BCM - 4	27	3	Nil	Nil	Nil
2015	65	36	38	2	Nil	Nil	Nil

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external expert:

<i>S.No</i>	<i>Date</i>	<i>Name of the academicians and scientists / visitors</i>	<i>Designation</i>	<i>Topics Delivered</i>
1	6/2/2016	Mrs.Beulah Gnana Ananthi	Professor,(CEG)	Design of steel structures
2	6/2/2016	Dr .K.C Pazhani	Professor,(CEG)	Strength of Materials
3	24/03/2015	Dr.T.Hemalatha	Scientist, CSIR - SERC	Strength of Materials
4	29/09/2014	Mr.Lenin Kalyanasundaram	Asst. Professor, Anna university.	Mechanics of Fluids
5	21/08/2014	Dr.T.Hemalatha	Scientist, CSIR - SERC	Structural Analysis
6	13/08/2014	Dr.Ramachandra Murthy	Senior Scientist, SERC - Chennai	Strength of Materials
7	31/08/2013	Dr.S.Shanmugasundaram	Professor, Transportation Division, CEG	Estimating & Costing
8	30/08/2013	Ms.Bhavana Chandar Das	Regional Manager,Octamec Engg.Ltd, Chennai.	Foundation Engineering
9	29/08/2013	Mr.A.Siva	Research Associate, Anna University, Chennai.	Composite Structure
10	20/02/2013	Mr.Muralitharan	Engineer, KKM Software, Chennai.	Revet Software
11	11/7/2012	Dr.N.G.Anuthaman	Associate Professor, CWR, CEG,	Modernization and rehabilitation of irrigation system
12	18/07/2012	Dr.S.Shanmugasundaram	Professor, Transportation Division, CEG	House planning and management
13	25/07/2012	Dr.R.Saravanan	Assistant Professor, CWR, CEG,	Fluid Mechanics & its Applications
14	1/8/2012	Dr.S.Shanmugasundaram	Professor, Transportation Division, CEG	Trends in Tendering
15	10/8/2012	Dr.R.Sakthivadivel	Emeritus Professor, CWR, CEG	Water Management issues in the state of Tamil Nadu and possible solutions

16	3/9/2012	Dr.A.R.Santhakumar	Emeritus Professor,Structural Engineering, IIT-Madras	Structural analysis – classical methods
17	4/9/2012	Prof .Nammalwar.R	Professor,Ocean Engineering Dept,CEG	Climate change related hazards and vulnerability assessment in the CME's
18	4/8/2011	Mr.C.Kamaraj	M.E., Scientist,CLRI	Tannery Limed Fleshing Derived Calcium Salt for preparation of Binary Cementitious mix to Control Carbon Footprint in Cement Industry

33. Teaching methods adopted to improve student learning

- ❖ Black board Teaching .It is the primary teaching method and easy to handle & understood by the students.
- ❖ Student's Interaction
- ❖ Power point presentation
- ❖ Seminar
- ❖ Guest Lecture
- ❖ Conference
- ❖ Quiz
- ❖ Direct Site visit Interaction
- ❖ Inplant Training
- ❖ Industrial Visit

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

1. Independence Day Work at Government Primary School, Kanniyammal Nagar on 15.8.2015. The students have participated in the event for cleaning & constructing the toilet facilities.
2. A career oriented programme conducted for the High School students in Vellanur on 15.8.2014, organized by Civil Engineering Association, VTHT.
3. Blood donation camp conducted by Civil Engineering Association in Veraapuram village on 15.8.2013.

35. SWOC analysis of the department and Future plans

S.NO	STRENGTHS
1.	Good classroom equipped with white board, green board and LCD projector.
2.	Well equipped seminar hall with AC and other amenities.
3.	Laboratories with sophisticated instruments to do all experiments.
4.	Conducive working atmosphere for faculty
5.	Funded research projects are being undertaken from AICTE funding agencies.
6.	Constant encouragement given to faculty members to pursue research and pursue doctoral degree (Ph.D.).
7.	Effective placement and training cell.
8.	The Institute has well equipped digital library which has access to
9.	e-books, National and International Journals.

S.NO	WEAKNESS
1.	Since, Vel Tech High Tech Engineering College is an affiliated college to the Anna University, there is no scope for not including additional topics in the curriculum.
2.	Encouraging all students for research activities and higher studies.
3.	Department should have research centre to do more research work.

S.NO	OPPORTUNITIES
1.	Active Participation of faculty in faculty development programme, conference and workshops.
2.	Opportunity for students to participate in seminars, guest lectures and symposiums
3.	Updating the knowledge to students.
4.	Practical training through Industrial visits.
5.	Jobs in various sectors.
6.	Student leadership qualities.

S.NO	CHALLENGES
1.	Managing the Students in all aspects since, there are coming from diverse background.
2.	Fulfill the current scenario in the Education sector.
3.	Balancing administrative, academic and research work.
4.	Encourage the students' publication.
5.	Offer consultancy services.
6.	100 % Placement

1. **Name of the department** : Mechanical Engineering
2. **Year of the Establishment** : 2009
3. **Names of Programmes / Courses offered:**

S.No	Level	Degree	Name of the Course
1	U.G	B.E	<p align="center">Mechanical Engineering</p> <p align="center">Started in 2009 with 60 intake, AICTE File No: 730-52-447(E)/ET/2002. Increased to intake 120 in the Academic year 2011-12. Affiliated to Anna University Chennai.</p>

4. Names of Interdisciplinary courses and the departments /units involved:

S. No	Semester	Course Code	Name of the Course	Department Involved
1	III	MA6351	Transforms & Partial Differential Eqa.	S&H
2	III	EE6351	Electrical Drives and Controls	EEE
3	III	EE 6365	Electrical Engineering Laboratory	EEE
4	IV	MA6452	Statistics and Numerical Methods	S&H
5	IV	GE6351	Enviromental Science and Engineering	S&H
6	VI	MG 6851	Principles of Management	MBA
7	VI	GE 6563	Communication Skills Lab	S&H
8	VII	GE 6757	Total Quality Management	MBA

5. Annual/ semester/choice based credit system (programme wise):

S. No	Degree	Course Offered	System followed
1	B.E.	Mechanical Engineering	Semester based credit System

6. Participation of the department in the courses offered by other departments:

S. No.	Semester	Course Code	Name of the Course	Course offered by the department
1	I	GE 6162	Engineering Practices Laboratory	Biotech, Civil, CSE, Chemical, ECE, EEE and IT.
2	I	GE 6152	Engineering Graphics	Biotech, Civil, CSE, Chemical, ECE, EEE and IT.
3	II	GE 6162	Basic Civil & Mechanical Engineering	EEE
4	II	GE 6253	Engineering Mechanics	CIVIL

7. Courses in collaboration with other universities, industries, foreign institutions etc. –

Nil

8. Details of courses/programmes discontinued (if any) with reasons –

Not Applicable

9. Number of teaching posts

Post	Sanctioned	Filled
Professors	2	2
Associate Professors	4	1
Assistant Professors	18	21

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.No	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. Of Ph.D students guided
1	Dr.R.Henry Xavier	M.S., Ph.D.	Professor	Industrial Engineering	29	Nil
2	Mr. S.Rajamanickam	M.E., (Ph.D.)	Asst. Prof	Manuf. Sys.& Mgt	6 Yrs 4 months	Nil
3	Mr. T.V.B.Babu	M.E.(Ph.D)	Asst. Prof	CAD/CAM	3Yrs 9 Months	Nil
4	Mr. K.Siva Prasad	M.Tech.	Asst. Prof	Energy Management	4Yrs 2 Months	Nil
5	Dr. K.Arumugam	M.E., Ph.D.	Professor	Thermal Power Engg	15Yrs 6 Months	Nil
6	Mr. R.Palani	M.E., (Ph.D.)	Asst. Prof	Engg Design	12Yrs 5 Months	Nil
7	Mr. N.Karthick	M.E.	Asst. Prof	Manufacturing Engineering	4Yrs	Nil
8	Mr. N.Gayathri	M.E., (Ph.D.)	Asst. Prof	Production Engineering	11Yrs 4 Months	Nil
9	Dr. K. Umanath	M.E., Ph.D.	Asso. Prof	Manufacturing Engineering	8Yrs 5 Months	Nil
10	Mr. R.Manjunathan	M.E.	Asst. Prof	Thermal Engineering	1Yrs5 Months	Nil
11	Mr. N. Nagendran	M.Tech.	Asst. Prof	Manufacturing Technology	2Years 2 Months	Nil
12	Mr.P. Manikandan	M.E.	Asst. Prof	Thermal Engineering	2Yrs 2 Months	Nil
13	Mr.S. Aravindh	M.E.	Asst. Prof	CAD	1Yr 11	Nil

					Months	
14	Mr. Surendra Peddarasi	M.Tech.	Asst. Prof	Product Design	3Yrs 8 Months	Nil
15	Mr. K. Mariyappan	M.E.	Asst. Prof	CAD	1 Yr 2 Months	Nil
16	Mr. S.Satheeshkumar	M.E.	Asst. Prof	Engineering Design	1 Yr 2 Months	Nil
17	Mr. S.Radhakrishnan	M.Tech.	Asst. Prof	Automobile Engineering	1 Yr 2 Months	Nil
18	Mr. M.Muralidharan	M.E.	Asst. Prof	Thermal Engineering	1 Yr 2 Months	Nil
19	Mr. R.Prasanth	M.E.	Asst. Prof	Computer Integrated Manufacturing	1 Yr 2 Months	Nil
20	Mr. S. Hari Krishna Raj	M.E.	Asst. Prof	Engineering Design	2 Yrs 5 Months	Nil
21	Mr. A. Kalyan Kumar	M.E	Asst. Prof	Manufacturing Engineering	4 Months	Nil
22	Mr. K. Venkatesan	M.E	Asst. Prof	Engineering Design	4 Months	Nil
23	Mr.J.Renuraman	M.E	Asst. Prof	Internal Combustion Engineering	2 Months	Nil
24	Mr.E. Prakash	M.E	Asst. Prof	Energy Engineering	1Yr 6 Months	Nil

11. List of senior visiting Faculty:

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary Faculty:

Nil

13. Student -Teacher Ratio (programme wise):

Programme	Students	Teacher	Students / Teacher Ratio
B.E: Mechanical Engineering	415	24	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Academic support staff (technical)	4	6

15. Qualifications of teaching Faculty with DSc / D.Litt/ Ph.D/ MPhil/PG.: PG/Ph.D

S. No.	Name	Qualification
1	Dr.R.Henry Xavier	M.E., Ph.D.
2	Mr. S.Rajamanickam	M.E., (Ph.D)
3	Mr. T.V.B.Babu	M.E., (Ph.D)
4	Mr. K.Siva Prasad	M.Tech.
5	Dr. K.Arumugam	M.E., Ph.D.
6	Mr. R.Palani	M.E., (Ph.D.)
7	Mr. N.Karthick	M.E.
8	Mr. N.Gayathri	M.E., (Ph.D.)
9	Dr. K. Umanath	M.E., Ph.D.
10	Mr. R.Manjunathan	M.E
11	Mr. N. Nagendran	M.Tech
12	Mr. P. Manikandan	M.E.

13	Mr. S. Aravindh	M.E.
14	Mr. Surendra Peddarasi	M.Tech.
15	Mr. K. Mariyappan	M.E.
16	Mr. S.Satheeshkumar	M.E.
17	Mr. S.Radhakrishnan	M.E.
18	Mr. M.Muralidharan	M.E.
19	Mr. R.Prasanth	M.E.
20	Mr. S. Hari Krishna Raj	M.E.
21	Mr. A. Kalyan Kumar	M.E.
22	Mr. K. Venkatesan	M.E.
23	Mr.Renuraman	M.E
24	Mr.E. Prakash	M.E

16. Number of Faculty with ongoing projects from a) National b) International funding agencies and grants received:

Nil

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nil

18. Research Centre /facility recognized by the University:

Nil

19. (a). Staff Publications (2015-16, 2014-15, 2013-14)

S. No.	Author	Title of the Paper	Vol No., Page No., Year	Name of the Journal	Impact Factor/SNIP /SJR
1.	Dr.K.Umanath	Micro Drilling Studies on Titanium Alloy Using Micro Electro Chemical Machining	Pp.934-941, 2015.	Australian Journal of Basic and Applied Sciences	0.3
2.	Dr.K.Umanath	Review on Waste heat recovery from cooling system of water cooled I.C. Engine	Pp.206-209, Vol.11, no.14, Sep, 2015.	Journal of Applied Sciences Research	1.023
3.	Dr.Henry Xavier	Nano Polymer Composites for Engineering Applications	Issue11, Pp:50-51 2015	Journal of Chemical and Pharmaceutical Sciences	2.06

4.	Dr.K.Arumugam	Performance Enhancement In Diesel Engine By Coating Aluminium– Titanium In Combustion Chamber With Varying Coating Thickness	pp 200-205, 2015	Applied Sciences Research	1.023
5.	Mr.K.Sivaprasad	Optimisation Of Plate Fin Heat Exchanger For Better Performance Using ANSYS	ISSN 0973-4562, vol.10, 2015	Applied Engineering Research	2.06
6.	Mr.K.Sivaprasad	Experimental Investigation Of Solar Desalination With PCM	ISSN 0973-4562, vol.10, 2015	Applied Engineering Research	2.06
7.	Mr.K.Sivaprasad	Experimental Anlysis On Single Slope Double Basin Solar Assisted Still Coupled With Coil Heater	ISSN 0973-4562, vol.10, 2015	Applied Engineering Research	2.06
8.	Dr. S. Ramesh	Coating Performance On Carbide Inserts	Vol 2(8), pp 175-179, 2014	International Journal of Engineering Research and Management	1.112
9.	Dr. S. Ramesh	Performance Analysis Of Spherical Indention Process During Loading And Unloading- A Contact Mechanics Approach	Vol 52, pp 459-483, 2014	Structural Engineering and Mechanics	0.863
10.	Dr. S. Ramesh	Recycling Of Cemented Tungsten Carbide Cutting Tools	Vol 1(5), pp 197-201, 2014	International Journal of Engineering Research and Management	1.317
11.	Dr.Henry Xavier	Fuel Cell based Automobile the Best alternative for Petrol & Diesel	pp.32-36, 2015	Journal of Chemicl and pharmaceutical Sciences	2.06
12.	Dr.K.Arumugam	Effect on Cylinder pressure and Exhaust gas temperature analysis of DI diesel engine with use of Super Charger	Pp.909-915, 2015.	Australian Journal of Basic and Applied Sciences	0.3
13.	Dr.K.Arumugam	Experimental study of the Pressure and Power of the DI Diesel Engine with EGR 25%	Pp.916-921, 2015.	Australian Journal of Basic and Applied Sciences	0.3
14.	Dr.K.Umanath	Influence of particle	Vols 766-	Applied	0.4

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		fracture on the slurry abrasion behavior of Weld Deposited martensitic steel	767, pp 687-692, 2015.	Mechanics and Materials	
15.	Dr.K.Umanath	Influence of process parameter on microstructural characteristics and tensile properties of Friction Welded ASS304L alloy	Vols 766-767, pp 745-750, 2015.	Applied Mechanics and Materials	0.4
16.	Dr.K.Umanath	Sensitivity analysis of Friction welding process parameters on Tensile Properties of ASS304L alloy	Vols 766-767 pp 757-764, 2015.	Applied Mechanics and Materials	0.4
17.	Dr.K.Umanath	Analysis of Lightweight Materials for Robot Manipulators,	pp. 877-882, 2015.	Australian Journal of Basic and Applied Sciences	0.3
18.	Dr.K.Umanath	Comparative study on Performance of Linear and Annular Aero-Spike Nozzles,	Pp.883-892, 2015.	Australian Journal of Basic and Applied Sciences	0.3
19.	Dr.K.Umanath	Performance Combustion and Emission characteristics of DI diesel engine with use of alternate Mechanism,	Vols 766-767, pp 1153-1158, 2015.	Applied Mechanics and Materials	0.4
20.	Dr.K.Umanath	Developing the Empirical Relationship to Predict the Minimum Micro hardness of AISI 1020 Grade Low Carbon Steel Joints	Vols 766-767, pp 765-770, 2015.	Applied Mechanics and Materials	0.4
21.	Dr.K.Umanath	Developing Empirical Relationships to Predict Tensile Properties of Friction Welded AISI 52100 Grade Steel Rods	Vol 592, pp 144-147, 2014	Applied Mechanics and Materials	0.4
22.	Dr.K.Umanath	Analysis of AISI 1035 Grade Joints Welded Frictionally with Varying Forging Pressure	Vol 592, pp 63-66, 2014	Applied Mechanics and Materials	0.4
23.	Dr.K.Umanath	The Micro hardness Analysis of Friction Welded AISI 52100 Grade Carbon Steel Joints	Vol 984, pp 613-617, 2014	Advanced Materials Research	1.023
24.	Dr.K.Umanath	Developing a	Vol 984,	Advanced	1.023

		Mathematical Model to Predict Tensile Properties of Friction Welded AISI 1035 Grade Steel Rods	pp 608-612, 2014	Materials Research	
25.	Dr.K.Umanath	Investigation of micro formation on Al6061 Hybrid Metal matrix composites	Vol 3, pp M176-M179, 2014	International Organization of Scientific Research	1.753
26.	Dr.K.Umanath	Comparison between experimental and predicted wear for hybrid composite materials	Vol 3, pp M171-M179, 2014	International Organization of Scientific Research	1.753
27.	Dr.K.Umanath	Dry Sliding Wear Behaviour of AA6061-T6 Reinforced SiC and Al ₂ O ₃ Particulate Hybrid Composites	Vol 97, Pp: 694-702, 2014	Elsevier	0.4
28.	Dr.K.Umanath	Analysis of Friction Welding parameters on the mechanical metallurgical and chemical properties of AISI 1035 steel joints	Vol 65, Pp: 652-661 2014	Elsevier	0.4
29.	Mrs.N.Gayathri	Condition monitoring maintance of aero-engines through LUMS-A method for the implementation of Lean tools	pp.226-230. 2015.	Elsevier	0.4
30.	Mrs.N.Gayathri	Nano transparent unmanned helicopter for indoor surveying	Vol 1, pp. 104-107, 2014	International Organization of Scientific Research	1.753
31.	Mr. M. Karthigairajan	The Consequence of target surface curvature in the jet impingement cooling	pp.1148-1152, 2015	Applied mechanics and materials	0.4
32.	Mr. M. Karthigairajan	Experimental Analysis On Single Slope Double Basin Solar Assisted Still Coupled With Coil Heater	Vol. 10, pp.312-316, 2015	International Journal of Applied Engineering Research	2.06
33.	Mr. M. Karthigairajan	Design And Implementation Of Cone Type Paper Mandrel To Improve Productivity In Cold Rolling Mill	Vol. 10, pp.272-276, 2015	International Journal of Applied Engineering Research	2.06
34.	Mr. N.Karthick	Implementation of lean production systems in	Vol 1, pp 78-86,	International Organization of	1.753

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		automotive company	2014	Scientific Research	
35.	Mr. S. Rajamanickam	Production Of Hydrogen Through Urea Electrolysis Using Al – Ni Electrodes	ISSN 0973-4562 Vol. 10 No.57 pp.277-281, 2015.	International Journal of Applied Engineering Research	2.06
36.	Mr. S.Aravindh	Delamination in drilling of natural fibre Reinforced polymer composites produced by compression Moulding	Vol.766-767, pp.796-800, 2015	Applied mechanics and materials	2.06
37.	Mr. Godwin	Flexural, Tensile and Impact properties of Alkali Treated Coir Fibre Composites prepared by compression molding technique	Vols 766-767, pp 90-95, 2015	Applied Mechanics and Materials	0.4
38.	Mr.S. Radhakrishnan	Optimization of engine rocker cover for weight and cost reduction	Vol. 10, pp.168-171, 2015	International Journal of Applied Engineering Research	2.06
39.	Mr.K. Mariyappan	Optimizing Process Parameters of CNC Turning Process Using Taguchi's Design of Experiments	Vol. 10, pp.51-56. 2015	International Journal of Applied Engineering Research	2.06
40.	Mr.K. Mariyappan	Parametric study and optimization of high carbon high Chromium d-7 steel	Vol.10, pp.5007-5011, 2015	ARPJ Journal of Engineering and Applied Sciences	2.06
41.	Dr.K.Umanath	Metal to Metal worn surface of AA6061 hybrid composites casted by stir casting method	Vol 97, pp 703-712, 2013.	Elsevier	0.4
42.	Dr.K.Umanath	Sensitivity Analysis of Friction Welded AISI1035 Grade Carbon Steel Rods	2013	Elsevier	0.4
43.	Dr.K.Umanath	Heat Transfer Analysis during Friction Stir Welding of Al6061-T6	Vol 1, Pp: 1453-1460 2013	Engineering Research and Applications	2.06
44.	Dr.K.Umanath	Analysis of dry sliding wear behaviour of Al6061/SiC/Al ₂ O ₃ Hybrid metal matrix	Vol 53, Pp: 159-168 2013	Elsevier	0.4

		Composites			
45.	Dr.K.Umanath	Effect of Process Parameter on Tensile Behaviour of Verification Welded Steel Joints	Vol 2, 2013	International Journal of Applied Engineering Research	2.06
46.	Mrs.N.Gayathri	Aero-Engine Maintenance Cost Optimization by RCM	Vol 10(1), pp 2891-2896, 2013.	Life Science Journal	2.702

(b)Student Publications (2015-16, 2014-15& 2013-14)

S. No.	Author	Title of the Paper	Vol No., Page No., Year	Name of the Journal	Impact Factor/SNIP /SJR
1.	Mr. Balaji.S	Experimental Investigation Of Heat Pipe Using Nano Fluids	ISSN 0973-4562, vol.10, 2015	Applied Engineering Research	2.06
2.	Mr. Azhaguraj.M, Mr. Karthikeyan.S	Productivity improvement on Cryocyl tank manufacturing by method study	pp282-287, 2015	International Journal of Applied Engineering Research	2.06
3.	Mr. M.Guna, Mr.S.G.HariKrishnan, Mr. T.Tamilarasan	Design and implementation of Cone type paper mandrel to Improve productivity in cold Rolling mill	pp138-142, 2015	International Journal of Applied Engineering Research	2.06
4.	Mr. Bharani Deepak .S.M	Design and Development of Solar Power Plant Using Phase Changing Material as Thermal Energy Storage Unit to power Air Conditioners	Vol. 10, pp.288-292, 2015	International Journal of Applied Engineering Research	2.06
5.	Mr. Raphael T	Surface Analysis of Ceramic Coated Turbine blade	vol.10, no.13 pp.11227-11231, 2015.	Applied Engineering Research	2.06
6.	Mr. S. Naveen Kumar, Mr. N. Anandha sabapathi	Study and Analysis of Composite Material using Natural Fiber	vol.10, no.13 pp.11023-11027, 2015.	Applied Engineering Research	2.06
7.	Mr. Raphael T	Re-evaluation of	vol.10,	Applied	2.06

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		Reliability and Mean Residual Life of Aero-Engine -A New Approach.	no.13, pp.11119-11124, 2015.	Engineering Research	
8.	Mr. Raman Kumar Singh	Modelling and analysis of Quad copter Frame using Finite element analysis	Vol 9, Pp 922-927, 2015.	Australian Journal of Basic and Applied Sciences	0.3
9.	Mr. Raphael T Mr. Prasanth K	Design and Fabrication of Portable Friction Welding Machine for the Application of Thermosetting Plastic Materials	pp 904-908, 2015	Australian Journal of Basic and Applied Sciences	0.3
10.	Mr. Dinesh ram G Mr. Afthab ahamed	Mathematical Design of Solid state Welding Machine by Friction Force	pp928-933, 2015	Australian Journal of Basic and Applied Sciences	0.3
11.	Mr. Gyanender Singh	Semi Autonomous Unmanned Aerial Vehicle RC Quad copter, Micro Drilling Studies on Titanium Alloy Using Micro Electro Chemical Machining	pp948-951, 2015	Australian Journal of Basic and Applied Sciences	0.3
12.	Mr. Mani Shankar.T.S Mr. Karthick Ganesh.S Mr. Deepan Gokul.M	Creep Analysis of a Unit Flame Tube used in Turbo Fan Engine	ISSN 0973-4562 Vol. 10 No.57 pp.138-142, 2015.	Applied Engineering Research	2.06
13.	Mr.S. Seenu Balaji	Cost Reduction of Sheet Metal Parts with Feasible Raw Material Specifications	ISSN 0973-4562 Vol. 10 No.57, 2015.	Applied Engineering Research	2.06
14.	Mr. P. Tamilarasan Mr. K. Kamal	Experimental investigations on Electrical Discharge Machining of Titanium using Copper Electrode and Different Dielectric Mediums	Vol 2, pp. 01-08, 2015	International Organization of Scientific Research	1.753
15.	Mr. S. Rajesh Mr. G. J. Harish Mr. J. Tony Samuel	Experimental analysis on single stage hybrid solar assisted adsorption	Vol 1, Issue 1, Pp 63-70, 2014	International Organization of Scientific Research	1.753

		refrigeration system			
16.	Mr. S.M. Bharani Deepak Mr. K. Vinyl Jai Mr. G. Surendhar	Solar energy storage using latent heat storage techniques and application	Vol 1, pp 91-98, 2014	International Organization of Scientific Research	1.753
17.	Mr. S. Rajesh Mr. Mani Shankar.T.S Mr. Karthick Ganesh.S	Self aligning conveyor system	Vol 1, pp 108-117, 2014	International Organization of Scientific Research	1.753
18.	Mr. Raphael T	Effect of Hardness on the Wear Behaviour of Hybrid Metal Matrix Composites	Vol 984, pp 536-540, 2014	Advanced Materials Research	1.023
19.	Mr. Dinesh ram G	Worn Surface Analysis of Hybrid Metal Matrix Composite	Vol 984, pp 546-550, 2014	Advanced Materials Research	1.023
20.	Mr. Raphael T Mr. Prasanth K	Effect of Sliding Distance on Dry Sliding Wear Behaviour of Al6061/SiC/ Al ₂ O ₃ Hybrid Composite	2013	Elsevier	0.4

Papers published in the International journals (Impact factor):

Monographs	Nil
Chapter in Books	Nil
Books Edited	5
Books with ISBN/ISSN numbers with details of publishers	4
Citation Index	1
SNIP	20.751
SJR	15.53
Impact factor	82.636
H-Index	1059

20. Areas of consultancy and income generated:**Academic Year: 2015-2016**

S.No.	Name of the Company	Location	Type of Work	Amount Sanctioned
1	Rane Engine Valve Ltd.	Chennai	Engine Valves Division	Rs. 1,50,000/-
2	Delphi TVS	Chennai	Manufacturing of Injectors	Rs. 2,00,000/-
3	Ragam Metal Products Private Limited	Chennai	Fuel Tank Manufacturing	Rs. 2,00,000/-

Academic Year: 2014-2015

S.No.	Name of the Company	Location	Type of Work	Amount Sanctioned
1	Pricol Ltd.	Coimbatore	Dashboard Instrument	Rs. 1,50,000/-
2	Tractor and Farm Equipment Ltd.	Chennai	Composite Materials for Transmission Case	Rs. 1,30,000/-
3	MRP Limited	Chennai	Sheet Metal Welding	Rs. 2,00,000/-
4	Lucas Indian Service Ltd	Chennai	Composite Switches	Rs. 1,50,000/-

Academic Year: 2013-2014

S.No.	Name of the Company	Location	Type of Work	Amount Sanctioned
1	Brakes India Ltd.	Chennai	Welding (MIG)	Rs. 1,50,000/-
2	India Piston Rings	Chennai	Machining	Rs. 1,30,000/-
3	Ashok Leyland	Chennai	Composite Materials	Rs. 2,40,000/-

21. Faculty as members in:

(a) National committees (b) International Committees (c) Editorial Boards.

Nil

22. Student projects:

(a) Percentage of students who have done in-house projects including inter departmental/ programme

Batch. No	Name of the Students	Name of the Project	Name of the Institution	Percent age of students
1	Mr. Rajan Kumar Pandey Mr. Munish Kumar	Study And Analysis Of Composite Material Using Natural Fibre	Veltech Hightech Dr.RR & Dr. SR Engg College	15.49 %

2	Mr. G.Saravanan Mr. T.Prem Kumar Mr. L.Iyappan	Analysis Of Material Property	Veltech Hightech Dr.RR & Dr. SR Engg College
3	Mr. Inbaraj.D Mr. Vaikunda Raja Mr. Sadham Hussian	Efficiency & Performance Test In Direct Ignition Diesel Engine By Using EGR	Veltech Hightech Dr.RR & Dr. SR Engg College
4	Mr. G.Vignesh Mr. Vinoth Mr. Durai Murugan	Study On Mechanical Behaviour Of Hybrid Fiber Reinforced Polymer Matrix Composites	Veltech Hightech Dr.RR & Dr. SR Engg College

(b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

Batch. No	Name of the Student	Subject code & Name of the Project	Name of the Industry	Percentage of students
1	Mr. T.Esaki Raj Mr. S.S.Savithru Kumar Mr. M.Manikandan	Optimization Of Component Investigation Process And Hardware	Bosch Ltd, Bangalore	84.5 %
2	Mr. P.Ramaraj Mr. C.Lingadurai Mr. R.Arivukkarasu	Reduction Of COPQ (Cost Of Poor Quality) In Brake Chamber Assembly	Wabco India Pvt Ltd, Chennai	
3	Mr. Y.Raj Martin Crove Mr. J.Jerin Benlin Mr. S.Vignesh Kumar	Detection Of Nut And Ring Insert Missing By Duct And Design Of Robotic Picture	Hyundai Motors, Sriperumputhur	
4	Mr. K.Sathish Mr. A.Krishnaraj Mr. S.Sathish Kumar	Auto Greasing In Coiler Mandrel	Salem Steel Plant, Salem	
5	Mr. V.Vignesh Mr. G. Surendhar	Design Of Universal Fixture For Shaft With Bearing Assembly In Functional Test	BHEL, Ranipet	

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6	Mr. E.Purushothaman Mr. Somreet Tikait Mr. M.Praveen Kumar	Set-Up Time Reduction In Planishing Operation Of Tractor's Wheel Disc Using SMED Technique	Wheels India Pvt Ltd, Chennai
7	Mr. S.Sasikumar Mr. V.Viswanathan Mr. G.Raja Sekar	Analysis On Engine Cover Machining (FEA Analysis)	Royal Enfield, Chennai
8	Mr. V.Ajay Prabhu Mr. P.Rajasekar	Productivity Improvement In H2CRE Brakes	Brakes India Ltd, Chennai
9	Mr. P.Sathish Mr. C.Boopathi Mr. D.Bharathraj	Design & Fabrication Of Head Lamp Mounting Bracket Of Passenger Vehicles Using Value Engineering	Ashok Leyland, Chennai
10	S.Ranjith Kumar P.Kanagaraj A.Thangapandiyan	Productivity Improvement In Agni Main Nut Of Steering Gear By Implementing LPS	Rane (Madras) Limited, , Chennai
11	Mr. P. Karuppasamy Mr. Annamalai.S.S. Mr. M. Muthu Krishnan	Quantitative Study On Shrinkage And Warpage Behavior For Microcellular And Conventional Injection Molding	CNF Automotive Pvt Ltd, Oragadam
12	Mr. Dinesh Kumar Mr. R.Selvaganapathi Mr. R.Senthil Kumar	Heat Transfer Enhancement In Fin And Tube Heat Exchanger Using Wire Turbulator	Star Cooling Towers, Chennai
13	Mr. S.Arun Rathinam	Design & Optimization	Star Cooling

	Mr. K.Veerabathran Mr. K.Jeevaraj	Of Cooling Tower	Tower, Chennai
14	Mr. A.Mujufer Raghman Mr. M.Anish	Application Of Quality Control Tools For Casting Defects In Foundry	HMT Machine Tools, Bangalore
15	Mr. K.Dhivakar Mr. A.Irwin Francis Mr. Pathuvai Mr. S.Ranjith	Cost Reduction Of Radial Drilling Machine Modifying Of Existing Housing Mechanism	HMT Machine Tools, Bangalore
16	Mr. P.Sunil Prasad Mr. K.Balasai Mr. M.Vignesh	Reduction Of Energy Consumption In Escalator	Johnsons Lifts Pvt Ltd, Chennai
17	Mr. Sathish. S Mr. Ellappan. R Mr. Vigneshwaran .M	Rejection Analysis Of Slave Cylinder Using SQC Tools	Midrange Component (Unit Of Brakes India), Chennai
18	Mr. Gopinath Mr. Sunil Kumar Mr. Karthick	Process Analysis In Injection Moulding	Karthikeyan Plastics And Technologies Pvt Ltd, Chennai
19	Mr. M.Nirmal Mr. D.Jai Prasanth Mr. D.Karthikeyan	Tool Condition Monitoring System	Sundaram Clayton Ltd, Chennai
20	Mr. Rajesh Kumar. S Mr. Nandhakumar.E Mr. Naveen Kumar. P	Design And Excution Of Hydraulic Fixture For Grinding Of Gears In CNC Grinding Machine	HMT Machine Tools, Bangalore
21	Mr. Venkatraman. V Mr. Gowtham.S Mr. Venkatraman. S	Modification Of Hydraulic Circuit (H400) In Gear Hobbing Machine	HMT Machine Tools, Bangalore

23. Awards/ Recognitions received by Faculty and students

(a) Awards/ Recognitions Received By Faculty:

100% Results in the University Examination for their subjects handled

S. No.	Name of the Staff	Designation	Subject Name	Year
1	Mr. Manikandan	Asst. Prof	Engineering Graphics	2013-2014
2	Mr. K Siva Prasad	Asst. Prof	Engineering Graphics	2011-2012

(b) Awards/ Recognitions received by Students:

S. No.	Name of the Student	Year	Name Of the Event	Awards / Recognitions
1	Mr. M. Gokul Nath	III	Body building Association	II Prize
2	Mr. M. Ranjith	II	Computer Aided Design- Design	I Prize
3	Mr. S.M. Bharani Deepak	IV	Computer Aided Design Modelling	II prize
4	Mr. T. Raphael	III	Advances and Innovations in Civil and Mechanical Engineering' 13	II Prize
5	Mr. P. Rakesh	III	Advances and Innovations in Civil and Mechanical Engineering' 12	III Prize

24. List of eminent academicians and scientists/ visitors to the department:

S. No	Resource Person Name & College or Company Name	Date
1	Mr. P. Suresh, DGM-PCMS., Pricol Ltd., Coimbatore	26-09-2014
2	Dr.K.Jayaraman MIT,Anna University	22-09-2014
3	Dr.Malar Mohan., Ph.D, Anna University, Chennai.	17-09-2014
4	Dr.Sharmeela Anna University	09-09-2014

5	Mr.S.SiddharthM.S.(USA), Program Manager, six sigma black belt, TAFE Tractors, Sembiam, Chennai Anna University.	19-08-2014
6	Dr.G.Kumarasen Anna University.	29-01-2014
7	Dr.M.R.Swami Nathan Anna University.	29-01-2014
8	Dr.Sundarajan T, General Manager Wheels India	21-01-2014
9	Dr.S.R.Mallikarjuna Rao, Retd. General Manager, Visakhapatnam Steel Plant.	30-07-2013
10	Dr.V.Ananda Krishnan, NIT.	26-07-2013
11	Dr.M.R.Swaminathan., Ph.D, Anna University, Chennai.	12-03-2013
12	Dr.Malar Mohan., Ph.D, Anna University, Chennai.	06-03-2013
13	Dr.M.R.Swaminathan., Ph.D, Anna University, Chennai.	19-02-2013
14	Dr.V.Ananda Krishnan, Assistant Professor, Dept of Production Engg, NIT Trichy.	10-09-2012
15	Dr.V.Jayaganesh, Professor,R&D Centre, Nodal Centre, S.A.Engg College, Chennai	06-09-2012
16	Dr .Sakthivadivel R Anna University, Chennai.	25-07-2012
17	Dr.K.Jayaraman, MIT University, Anna University, Chennai	24-07-2012
18	Dr.P.Muthu, Prof & Head-Mechanical Anna University of Technology, Madurai.	20-07-2012
19	Mr.R.Ponkarthikeyan, Business Development Executive, KKM Soft Training Centre, Chennai.	10-03-2012
20	Mr.G.Raju,Asst. Prof., Dept. of IC Engines,CEG,Guindy	09-03-2012
21	Dr.B.Krishna Kumar, (Ph.D) Professor, Department of Mathematics, Anna University, Chennai 25.	03-03-2012
22	Dr.K.Annamalai, Assistant Professor, Department of Automobile Engineering, Anna University – MITCampus, Chrompet, Chennai.	06-01-2012
23	Dr.A.V.Sethuraman, Vesting Prof, CEG, AU. Chennai.	24.12.2011

List of Eminent Academicians and Scientists / Visitors to the Department

<p>Mr. P. Suresh, DGM-PCMS., Pricol Ltd., Coimbatore. Guest Lecture on Manufacturing of Plastic Components</p>	 <p>A photograph of Mr. P. Suresh, a man in a white shirt and dark trousers, standing in a lecture hall. Behind him is a large projection screen displaying a slide titled "GUEST LECTURE ON MANUFACTURING OF PLASTIC COMPONENTS" by Mr. P. Suresh, Mechanical Engineer. The slide also includes the date "Date: 26.09.2014" and the venue "Venue: Lord Ayyappa Hall". The date "26.09.2014" is also visible in the bottom right corner of the photo.</p>
<p>Dr.K.Jayaraman, Prof, MIT University, Anna University, Chennai. Guest Lecture on Vibrations</p>	 <p>A photograph of Dr. K. Jayaraman, a man in a white shirt and grey trousers, standing in a lecture hall. Behind him is a large projection screen displaying a slide titled "VIBRATIONS". To the left of the screen, a framed certificate or poster is visible on the wall. The date "27.09.2014" is visible in the bottom left corner of the photo.</p>

<p>Dr.Sharmeela, Asst. Prof, Dept of Electrical Engg, Anna University, Chennai.</p> <p>Guest Lecture on Electrical Drives And Control</p>	
<p>Dr.V. Anandkrishnan, Asst. Prof, Dept of Mechanical Engg, NIT, Trichy.</p> <p>Guest Lecture on Kinematics of Machinery</p>	

25. Seminars/ Conferences/Workshops organized & the source of funding:

(a) National

S.No.	Name of the programme	Title / Topic	Venue	Month / Year	Source of Funding
1	National Conference	Technological Advance in Mechanical Engineering	Veltech Hightech Engineering College	28 th Aug 2015	Self

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2	National Conference	Advances and Innovations in Civil and Mechanical Engineering	Veltech Hightech Engineering College	23 rd Aug 2014	Self
3	National Conference	Advances and Innovations in Civil and Mechanical Engineering	Veltech Hightech Engineering College	5 th Sept 2013	Self
4	National Conference	Advances and Innovations in Civil and Mechanical Engineering	Veltech Hightech Engineering College	17 th Aug 2012	Self
5	National Conference	Advances and Innovations in Civil and Mechanical Engineering	Veltech Hightech Engineering College	5 th Aug 2011	Self
6	National Workshop	Fundamentals of Computational fluid Dynamics	Veltech Hightech Engineering College	22 nd Aug 2014	Self
7	National Workshop	RTCAD	Veltech Hightech Engineering College	30 th April 2014	AICTE

List of Eminent Academicians and Scientists / Visitors to the Department

<p>1. Dr. S. Narayanan, Prof, IIT Madras.</p> <p>2. Mr. Kannan, HR- Radington India.</p> <p>3. Mr. Bobby Jackson, HR-Light on Mobile. Conference on Advances and Innovations in Civil and Mechanical Engineering 2014</p>	
<p>Dr. G. Kumaresan, Asst.Prof, Dept Of Mechanical Engg, Anna University, Chennai.</p> <p>Workshop On Fundamentals of Computational Fluid Dynamics 2014</p>	

<p>Dr. S. Narayanan, Prof Emeritus, IIT Madras.</p> <p>Seminar on Recent Trends in Computer Aided Design.</p>	
<p>Mr. D. P. Das, DGM, HR Divisional Corporate, Larsen & Toubro Ltd., Chennai.</p> <p>Conference on Advances and Innovations in Civil and Mechanical Engineering 2013</p>	

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass Percentage (%)	Academic Year
			Male	Female		
B.E.: Mechanical Engineering	-	63	61	2	84.12	2012 - 13
B.E.: Mechanical Engineering	-	71	71	-	45.07	2013 - 14
B.E.: Mechanical Engineering	-	138	138	-	73.91	2014 - 15

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from the other state	% of students from Abroad	Academic Year
B.E.- Mechanical Engineering	98.55	1.45	-	2011 - 15
B.E.- Mechanical Engineering	97	3	-	2012 - 16
B.E.- Mechanical Engineering	92	8	-	2013 - 17
B.E.- Mechanical Engineering	92	8	-	2014 - 18

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Nil

29. Student progression:

Student progression	2012-13	2013 - 14	2014 - 15
UG to PG	20%	20%	25%
PG to M.Phil.	Nil	Nil	Nil
PG to Ph.D.	Nil	Nil	Nil
Ph.D. to Post-Doctoral	Nil	Nil	Nil
Employed			
• Campus selection	8 %	10%	11%
• Other than campus recruitment	35 %	30%	37%
Entrepreneurship/Self-employment	3 %	2%	3%

30. Details of Infrastructural facilities:

✓ **Library:**

Department library facility and access to the central library are available for the department Faculty and students for reference. It consists of text and reference books in different disciplines. It has a total of 225 books in the areas of Engineering Design, Thermal Engineering, Manufacturing Technology, CAD / CAM, Industrial Engineering etc are available.



Department Library

✓ **Internet facilities for Staff & Students:**

- ❖ High speed internet connectivity available in Department and CAD/CAMlab.
- ❖ Students have the accessibility to use internet facility in the department CAD/CAM lab. Also browsing centers are available for students at Library and Net Lab

✓ **Class rooms with ICT facility:**

ICT tools like Chalk and Talk, LCD projectors Power Point Presentation and OHP are amply used in classroom for assistance in lecture delivery.

✓ **Laboratories: 10**

DETAILS OF ALL LABORATORIES

LAB 1: THERMAL ENGINEERING LABORATORY – I

S.No	Item Name	Quantity
1.	Internal combustion 2 stroke Petrol Engine	1
2.	Internal combustion 4 stroke Petrol Engine	1
3.	Internal combustion 4 stroke Diesel Engine	1
4.	4cylinder 4 stroke Petrol Engine	1
5.	Internal combustion 4 stroke Diesel Engine Cut Model	1
6.	Steam Turbine Setup	1

Thermal Engineering Laboratory – I



LAB 2: THERMAL ENGINEERING LABORATORY – II

S No	Item Name	Quantity
1	Air Compressor	1
2	Vapour Compression Refrigeration	1
3	Air Conditioner Test Ring	1

Thermal Engineering Laboratory – II



LAB 3: CAD/CAM LAB

S.No	Item Name	Quantity
1	XL Mill CNC Bench Milling Machine	1
2	PC Controller CNC Desk top Lathe (Trainer)	1
3	Air Compressor 1 HP	1
4	CNC Train simulation soft ware licenses	1

Cad/Cam Lab



LAB 4: MANUFACTURING TECHNOLOGY LAB –

<i>S.No</i>	<i>Item Name</i>	<i>Quantity</i>
1.	Hand Injection Moulding Machine	1
2.	All Gear Lathe Machine	7

Manufacturing Technology Lab – I



LAB 5: MANUFACTURING TECHNOLOGY LAB – II

S.No	Item Name	Quantity
1.	Capstan Lathe	1
2.	Radial Drilling Machine	1
3.	Shaping Machine	2
4.	Slotting Machine	1
5.	Tool Dynamo Meter	1
6.	Vertical Milling Machine	1
7.	Universal Milling Machine	1

Manufacturing Technology Lab – II



LAB 6: MECHATRONICS LAB



LAB 7: DYNAMICS LAB



LAB 8: METROLOGY & MEASUREMENTS LAB



LABS: 9 &10: ENGINEERING PRACTICE LAB-I&II



31. Number of students receiving financial assistance from college, university, government or other agencies:

Financial assistance from Government (First Graduate)

S.No	Year	No. of Students
1	2014 - 2015	26
2	2013 - 2014	35
3	2012 - 2013	32
4	2011 - 2012	30

Scholarship Details

S. No.	Scheme	Year	No. of students
1	ST / SC SCHOLARSHIP	2011 – 2012	3
		2012 - 2013	7
		2013 - 2014	23
		2014 - 2015	-
2	BC/MBC SCHOLARSHIP	2011 - 2012	30
		2012 - 2013	32
		2013 - 2014	18
		2014 - 2015	62

32. Details on student enrichment programmes (special lectures / seminar) with external experts: Special Lectures

S.No.	Resource person & Company Name	Name of the Topic / Subject	Date
1	Mr. P. Suresh, DGM-PCMS., Pricol Ltd., Coimbatore	Manufacturing of plastic components	26-09-2014
2	Dr.K.Jayaraman MIT,Anna University	Vibrations	22-09-2014
3	Dr.K.Malar Mohan, Anna University	Design of Machine Elements	17-09-2014
4	Dr.Sharmeela, Anna University	Electrical Drives And Controls	09-09-2014
5	Mr.S. Siddharth M.S. (USA), Program Manager, six sigma black belt, TAFE Tractors, Sembiam, Chennai Anna University.	Six-Sigma Total Quality management	19-08-2014
6	Dr.G. Kumaresan, Anna University.	Heat and Mass Transfer	29-01-2014
7	Dr.M.R.Swami Nathan, Anna University.	Gas Dynamics and Jet Propulsion	29-01-2014
8	Dr.Sundarajan T General Manager Wheels India	Materials Knowledge for Better Design	21-01-2014
9	Dr. S. R. Mallikarjuna Rao, Retd. General Manager, Visakhapatnam Steel Plant.	Manufacturing Process: Foundry, Forging and Welding	30-07-2013
10	Dr.V.Anandakrishnan, NIT.	Kinematics of Machinery	26-07-2013
11	Dr. M. R. Swaminathan. Ph.D Anna University, Chennai.	Advanced I.C.Engine	12-03-2013
12	Dr. Malar Mohan., Ph.D Anna University, Chennai.	Finite Element Analysis	06-03-2013
13	Dr. M. R. Swaminathan., Ph.D Anna University, Chennai.	Gas Dynamics and Jet Propulsion	19-02-2013

14	Dr. V. Anandakrishnan, Asst. Prof, Dept of Production Engg, NIT Trichy.	Kinematics of Machinery	10-09-2012
15	Dr.V.Jayaganesh, Professor,R&D Centre, Nodal Centre, S.A.Engg College, Chennai	Design of Machine Elements	06-09-2012
16	Dr .Sakthivadivel R Anna University, Chennai.	Fluid Mechanics & its Applications	25-07-2012
17	Dr.K.Jayaraman, MIT University, Anna University, Chennai	Finite element Analysis	24-07-2012
18	Dr.P.Muthu, Prof & Head-Mechanical Anna University of Technology, Madurai.	Engineering Thermodynamics	20-07-2012
19	Mr. R. Ponkarthikeyan, Business Development Executive, KKM Soft Training Centre, Chennai..	Digital Prototyping using Autodesk Invention 2012	10-03-2012
20	Mr.G.Raju,Asst. Prof.,Dept. of IC Engines,CEG,Guindy	Radiation and Heat Transfer	09-03-2012
21	Dr. B. Krishna Kumar, (Ph.D) Professor, Department of Mathematics, Anna University, Chennai 25.	Statistics and Numerical Methods	03-03-2012
22	Dr. K. Annamalai, Assistant Professor, Department of Automobile Engineering, Anna University – MIT Campus, Chrompet, Chennai.	Internal Combustion Engine	06-01-2012
23	Dr.A.V.Sethuraman, Visiting Prof, CEG, AU. Chennai.	Heat Treatment Process	24.12.2011

List of Eminent Academicians and Scientists/Visitors to the Department

<p>Dr. G. Kumaresan, Asst.Prof, Dept Of Mechanical Engg, Anna University, Chennai. Guest Lecturer On Heat and Mass Transfer</p>	
<p>Dr. M. R. Swaminathan, Asst.Prof, Dept Of Mechanical Engg, Anna University, Chennai. Guest Lecturer On Gas Dynamics and Jet Propulsion</p>	



33. Teaching methods adopted to improve student learning

- ❖ Black Board and chalk.
- ❖ Power Point Presentations using LCD projectors.
- ❖ ‘Industrial visits’ to various field of Mechanical Sector.
- ❖ Organizing workshops.
- ❖ Conducting Conferences.
- ❖ Guest lecturers of experts from various organizations.
- ❖ Encouraging Students to attend seminars
- ❖ Students are motivated to co-ordinate the various events as Workshop, Conference etc...

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Several Students and Faculty’s from the Department of Mechanical Engineering went to Orphanage to educate as well as motivate the students and collecting the

fund for Building Construction in Rural Area School.

35. SWOC analysis of the department and Future plans

STRENGTH:

- ❖ Dedicated Faculty with PG/ PhD Qualification
- ❖ About 05 Faculty have registered for PhD in various fields of Specializations
- ❖ Excellent infrastructure facilities
- ❖ Well Equipped Laboratories
- ❖ Very well utilization of laboratories
- ❖ Sanctioned intake for the UG Programme is increased from 60 to 120

WEAKNESS:

- ❖ No funded projects from government agency
- ❖ Percentage of Students are going to higher studies in foreign universities is less
- ❖ Limited job opportunities in core industry
- ❖ Limited funds for students projects

OPPORTUNITIES:

- ❖ Up gradation of staff members for Educational qualifications
- ❖ Global job opportunities in the growing infrastructure sector
- ❖ Students conducting national symposium to improve the leadership qualities
- ❖ More research guidance

CHALLENGES:

- ❖ Getting 100% results & Produce university rank holders
- ❖ Making the students confident in their soft skills and communication skills
- ❖ Preparing students to undertake exams such as GATE, GRE, and TOFEL etc
- ❖ Preparing the students to the expectations of the industry

KEY STRATEGIES FOR MOVING FORWARD

- ❖ Getting Accreditation
- ❖ Center of excellence, Research center and Consultancy works
- ❖ To introduce more PG courses and upgrade department as research centre
- ❖ Encouraging faculty in research activities.

1. **Name of the Department : COMPUTER SCIENCE AND ENGINEERING**

2. **Year of Establishment : 2005**

3. **Names of Programmes/Courses offered:**

S.No	Level	Degree	Name of the Course
1	U.G	B.E	Computer Science and Engineering Started in 2005, with intake 60, AICTE File No:730-52-447(E)/ET/2002 Increased to intake 120 in the Academic year 2007-08. Affiliated to Anna University Chennai.

4. **Names of Interdisciplinary courses and the departments/units involved**

S.No	Sem	SubjectCode	Title	Department
1.	III	MA6351	Transforms and Partial Differential Equations	S&H
2.	III	CS6304	Analog and Digital Communication	ECE
3.	III	GE6351	Environmental Science and Engineering	S&H
4.	IV	MA6453	Probability and Queuing Theory	S&H
5.	IV	EC6504	Microprocessor and Microcontroller	ECE
6.	IV	CS6412	Microprocessor and Microcontroller Laboratory	ECE
7.	V	MA6566	Discrete Mathematics	S&H
8.	VI	IT6502	Digital Signal Processing	ECE
9.	VI	GE6757	Total Quality Management	MBA
10.	VI	GE6674	Communication and Soft Skills – Laboratory	S&H
11.	VII	CS6704	Resource Management Techniques	MBA

12.	VII	BN6005	Bio informatics	Biotech
13.	VII	EC6703	Embedded and Real Time Systems	ECE
14.	VIII	GE6075	Professional Ethics in Engineering	MBA

5. Annual/semester/choice based credit system (programmewise)

S.No	Degree	CoursesOffered	Systemfollowed
1	B.E	Computer Science and Engineering	Semester based credit System

6.Participation of the department in the courses offered by other departments

S.NO	Semester	Sub.Code	Subject Name	Course offered by the department
1	I	GE6151	Computer Programming	ECE, CIVIL, Mech, Biotech, Chemical
2	II	CS6212	ProgrammingandData Structures Laboratory I	ECE, Civil, Mech, Biotech, Chemical
3	III	EC6301	Object Oriented Programming and Data Structures	ECE
4	III	EC6312	OOPS and Data Structures Laboratory	ECE
5	IV	CS6456	Object Oriented Programming	EEE
6	IV	CS6461	Object Oriented Programming Laboratory	EEE
7	VI	CS6303	Computer Architecture	ECE
8	VI	CS6551	Computer Networks	ECE

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

8. Details of courses/programmes discontinued (if any) with reasons

Not Applicable

9. Number of Teaching posts

Post	Sanctioned	Filled
Professors	2	2
Associate Professors	5	2
Asst.Professors	17	20

10. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt. / Ph.D. / M.Phil.etc.)

S. No	Name	Qualification		Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 years
		UG	PG				
1	Dr.Veeramalai S	B.E	M.Tech	Professor	Information and Comm. Engg.	19 Yrs 1 Mnth	Nil
2	Dr.K.Somasundaram	B.E	M.E	Professor	Grid/Cloud Computing	13Yrs	16
3	Mr.Karthikeyan.P	B.E	M.E	Asso Prof	CSE	8Yrs 8Months	Nil

4	Mrs.Shanmugapriya.S	B.E	M.Tech	Asst Prof	CSE	3Yrs 8 Months	Nil
5	Ms. Queen Mary Vidya.M	B.E	M.E	Asst Prof	Multimedia Technology	4Yrs 8 Months	Nil
6	Ms. Leelambika.K.V.	B.E	M.E	Asst Prof	CSE	6 Yrs 1 Mnth	Nil
7	Mrs. Sheela Shanthakumari P.K	B.E	M.Tech	Asst Prof	CSE	5 Yrs 1 Mnth	Nil
8	Mrs.Merry Ida .A	B.E	M.E	Asst Prof	CSE	5 Yrs 2 Months	Nil
9	Mr.Praveen.T	B.Tech	M.Tech	Asso Prof	CSE	14 Yrs 1 Mnth	Nil
10	Mrs.Ancy Breen W	B.E	M.E	Asst Prof	CSE	4Yrs 5 Months	Nil
11	Mr.Sakthivel.S	B.E	M.Tech	Asst Prof	CSE	5 Yrs 6 Months	Nil
12	Mrs.Meenakshi.P	B.E	M.E	Asst Prof	CSE	8 Yrs 1 Mnth	Nil
13	Mrs.Umamaheswari.R	B.E	M.E	Asst Prof	CSE	5 Yrs 1 Mnth	Nil
14	Ms.Sageengrana .S	BE	M.E	Asst Prof	Multimedia Technology	1Yrs 1 Mnth	Nil
15	Mr.Danu R	B.Tech	M.E	Asst Prof	CSE	3Yrs 1 Mnth	Nil
16	Mrs.Gowthami.M	B.E	M.E	Asst Prof	CSE	8 Months	Nil
17	Mr.Karthick.K	B.Tech	M.E	Asst Prof	CSE	8 Months	Nil
18	Ms.Anto Rose	B.E	M.E	Asst Prof	CSE	2 Months	Nil
19	Ms.R.Jayashree	B.E	M.E	Asst Prof	CSE	Nil	Nil
20	Mr.V.Sabapathi	B.E	M.Tech	Asst Prof	CSE	Nil	Nil

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

2 1	Ms.Rupavathy	B.Te ch.	M.E	Asst Prof	CSE	Nil	Nil
2 2	Mr.Vinod	B.Te ch.	M.E	Asst Prof	CSE	Nil	Nil
2 3	Mr.Senthil	B.E	M.E	Asst Prof	CSE	Nil	Nil
2 4	Ms.Rajasaranyakumar i	B.E	M.E. ,	Asst Prof	CSE	Nil	Nil

11. List of senior visiting faculty:

NIL

12. Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty

NIL

13. Student-Teacher Ratio (programmewise)

S.No	Programme	No.of Students	No.of Staff	Student-Teacher Ratio
1	B.E.-Computer Science and Engineering	307	24	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

S.No	Support staff	Sanctioned	Filled
1	Academic support staff (Technical)	4	4

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.

S.No	Name	Qualification
1	Dr.Veeramalai S	B.E.,M.Tech.,Ph.D
2	Dr.K.Somasundaram	B.E.,M.E.,Ph.D
3	Mr.Karthikeyan.P	B.E.,M.E.,
4	Mrs.Shanmugapriya.S	B.E.,M.Tech
5	Ms. Queen Mary Vidya.M	B.E.,M.E.,
6	Ms. Leelambika.K.V.	B.E.,M.E.,
7	Mrs. Sheela Shanthakumari P.K	B.E., M.Tech.
8	Mrs.Merry Ida .A	B.E.,M.E.,
9	Mr.Praveen.T	B.Tech, M.Tech,
10	Mrs.Ancy Breen W	B.E.,M.E.,
11	Mr.Sakthivel.S	B.E., M.Tech,
12	Mrs.Meenakshi.P	B.E.,M.E.,
13	Mrs.Umamaheswari.R	B.E.,M.E.,
14	Ms.Sageengrana .S	B.E.,M.E.,
15	Mr.Danu R	B.Tech.,M.E.,
16	Mrs.Gowthami.M	B.E.,M.E.,
17	Mr.Karthick.K	B.Tech.,M.E.,
18	Ms.Anto Rose	B.E.,M.E.,
19	Ms.R.Jayashree	B.E.,M.E.,
20	Mr.V.Sabapathi	B.E., M.Tech.
21	Ms.Rupavathy	B.Tech.,M.E.,
22	Mr.Vinod.R	B.Tech.,M.E.,
23	Mr.Senthil	B.E.,M.E.,
24	Ms.Rajasaranyakumari	B.E.,M.E.,

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

NIL

17. Departmental projects funded by DST-FIST, UGC, DBT, ICSSR, etc.and total grants received

NIL

18. Research Centre/facility recognized by the University

NIL

19. Publications: Faculty :

Academic year: 2015 -2016

S. No	Author	Title of paper	Volume No., Page no., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Dr.S.Somasundaram	Data Cleansing using Automated Extraction Tools	Volume-10, Issue 5, pp: 68-78, May-2016.	Advances in Natural and Applied Sciences	2.7
2	Dr.S.Somasundaram	Study on Reliable and Secure Routing Protocols on Manet	Volume-9, Issue 14, pp: 1-10., Apr-2016	Indian Journal of Science and Technology	2.1
3	Dr.S.Somasundaram	Energy Efficient in Virtual Infrastructure and Green Cloud Computing: A Review	Volume-9, Issue 11, pp: 1-5., Mar-2016.	Indian Journal of Science and Technology	2.1
4	Mrs.W. Ancy Breen, Mrs.A. Merry Ida , Mrs. M. Queen Mary Vidhya	Implementation of Speedy Emergency Alert using Tweet Analysis	Volume-9, Issue 11, pp: 1-5., Mar-2016.	Indian Journal of Science and Technology	2.1
5	Mr.R.Danu	Tracking Theft Mobile Application	Volume-9, Issue 11, pp: 1-5., Mar-2016	Indian Journal of Science and Technology	2.1
6	Dr.S.Somasundaram	Detection of Black Hole Attacks in MANETs by Using Proximity Set Method	Volume-14, Issue 3, pp: 136-145., Mar-2016.	International Journal of Computer Science and Information Security	0.476

7	Dr.S.Somasundaram	Data Confidentiality and Privacy in Cloud Computing	Volume-9, Issue 4, pp: 1-8., Jan-2016	Indian Journal of Science and Technology	2.1
8	Mrs.S.Shanmuga Priya, Mrs.P.KSheela Shantha Kumari	Secured Multi Cloud Storage using CPDP	Volume-3, Issue 10, pp: 889-891., Dec-2015.	International Journal for Scientific Research & Development	2.39
9	Mrs.R.Uma Maheshwari.R, Mrs. Meenakshi.P	Study of Clustering of Data Base in Education Sector Using Data Mining	Volume-3, Issue 10, pp: 1011-1012, Dec-2015.	International Journal for Scientific Research & Development	2.39
10	Mr.Sabapathi. V	A Study of SAAS Model for Security System	Volume-3, Issue 10, pp: 897-899, Dec-2015.	International Journal for Scientific Research & Development	2.39
11	Ms.Gowthami. M, Mrs.Leelambika.K.V, Ms.Anto Rose.R	Diagnosing lungs cancer Using Neural Networks	Volume-3, Issue 10, pp: 1013-1015, Dec-2015.	International Journal for Scientific Research & Development	2.39
12	Mrs.S.Shanmuga Priya, Mrs.Leelambika.K.V, Mrs.UmaMaheshwari.R, Ms.Anto Rose.R	A Novel Approach for Implementing Virtual Medical Analysis using Semantic Web Services	Volume-3, Issue 6, pp: 910-918, Dec-2015.	Asian Journal of Applied Sciences	0.41
13	Ms.S.Sageengrana	Efficient content storage and just in time retrieval in cloud	Volume-10, Issue 12, pp: 32103-32112, Nov-2015.	International Journal of Applied Engineering Research	2.1
14	Mr.Veeramalai .S	A Recommendation System for Dynamic Replication and Securing Data Process	Volume-8, Issue 29, pp: 79163, Nov-2015.	Indian Journal of Science and Technology	2.1

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15	Mr.Veeramalai .S, Mr.Suresh.G	Tracking and Recognizing Gestures using TLD for camera based multi touch	Volume-8, Issue 29, pp: 1-6, Nov-2015.	Indian Journal of Science and Technology	2.1
16	Dr.Veeramalai. S	Recommendation system for visualization for network security issues	Volume-1, Issue 1, pp: 190-194, Sep-2015.	Research journal of fisheries and hydrobiology	-
17	Dr.S.Veeramalai	Automatic keyword search using Encrypted Text in Grid computing architecture	Volume-1, Issue 1, pp: 190-194, Sep-2015.	Journal of Applied Sciences Research	-
18	Mrs.S.Shanmuga Priya	A Novel Approach for Process Mining Using Concept Drift	Volume-1, Issue 1, pp: 44-48, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
19	Mrs.S.Shanmuga Priya	Detecting the Food Spoilage in Refrigerator using Food Sensor	Volume-1, Issue 1, pp: 55-58, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
20	Mrs.A.Merry Ida	Object segmentation using Probabilistic Cue Points technique	Volume-1, Issue 1, pp: 316-321, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
21	Mrs.P.K.Sheela Shantha Kumari	Smart Voting System Smart Phones	Volume-1, Issue 1, pp: 232-236, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77

22	Mrs.P.Meenakchi	Smart Trolley and Automatic Billing	Volume-1, Issue 1, pp: 93-98, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and	0.77
23	Mrs.Queen Mary Vidya	Data Hiding using Efficient Steganography Techniques	Volume-1, Issue 1, pp: 158-162, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
24	Ms.R. Kavitha	Reliable Privacy Preserved Routing in MANET Using Backup Path	Volume-1, Issue 1, pp: 60-67, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
25	Mrs.K.V.Leelambika	Improving big data efficiency by compression and time management approach on cloud	Volume-1, Issue 1, pp: 223-227, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
26	Mrs.A.Merry Ida	Text Detection in Natural Scene Images by Stroke Gabor Words	Volume-1, Issue 1, pp: 187-195, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
27	Ms.S.Sageengrana	Mitigate Jammer Disrupt In Wireless Sensor Networks Using Elliptical Curve Cryptosystem	Volume-1, Issue 1, pp: 252-257, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77

28	Mrs.S.Shanmu ga Priya	Artificial Intelligence- A Literature Survey of Blue Brain	Volume-1, Issue 1, pp: 49-54, Aug- 2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
29	Mr.K.Karthick	Detection Of Black hole attack In Heterogeneous WSN Using Honey pot	Volume-1, Issue 1, pp: 176-186, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
30	Mr.T.Praveen	Nanobots	Volume-1, Issue 1, pp: 168-175, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
31	Ms.M.Gowtha mi	Novel approach for Vehicle Clearance using Intelligent Traffic Control System (ITCS)	Volume-1, Issue 1, pp: 266-269, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
32	Mrs.R.Uma Maheshwari	Detection of Water mark images using Discrete Wavelet Transform	Volume-1, Issue 1, pp: 237-244, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
33	Mr.R.Danu	Implementing Smart Transportation Arrangement, Traffic Jam Control, Emergency Vehicle Endorsement And Detection Of The Theft Vehicle	Aug-2015. Volume-1, Issue 1, pp: 154-157, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77

34	Mrs.P.Meenakchi	Robotic Video Streaming in Mobile Network Using SNS Based Perfecting	Volume-1, Issue 1, pp: 287-299, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
35	Ms.R.Anto Rose	Decentralized Access Control scheme for secure Data Stored in Clouds	Volume-1, Issue 1, pp: 139-145, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
36	Mrs.Queen Mary Vidya	A Wireless sensor network Air Pollution Monitoring System	Volume-1, Issue 1, pp: 196-206, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
37	Mrs.S.Shanmuga Priya	The Novel of Web Mining Based On VTD-XML Technology	Volume-1, Issue 1, pp: 245-252, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
38	Mrs.K.V.Leelambika	Smart Cars for Physically Disabled Based on Artificial Intelligence	Volume-1, Issue 1, pp: 87-92, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
39	Dr.S.Somasundaram	Biometrics-using nature to inspire human innovation	Volume-1, Issue 1, pp: 68-86, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77

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40	Mrs.A.Merry Ida	Robust Time Table Scheduling Problems Using Constraint Programming	Volume-1, Issue 1, pp: 274-279, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
41	Mr.P.Karthikey an	Educing selfishness in Mobile Adhoc Networks	Volume-1, Issue 1, pp: 100-110, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
42	Ms.S.Sageengr ana	Internet of things using CHRONOS EZ430	Volume-1, Issue 1, pp: 270-273, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
43	Mrs.K.V.Leela mbika	Trends in Big Data Analytics	Volume-1, Issue 1, pp: 258-265, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
44	Mrs.A.Merry Ida	Electronic voting system using mobile	Volume-1, Issue 1, pp: 312-315, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
45	Mr.G.Suresh	Inter-Firewall Optimization across various Administrative Domains for Enabling Security and Privacy Preserving	Volume-1, Issue 1, pp: 111-116, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77

46	Mrs.W.Ancy Breen	Cellular Based Bus Tracking System Using Participatory Sensing	Volume-1, Issue 1, pp: 207-222, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
47	Ms.R. Kavitha	Concurrent Substantial Index Access Utilizing Roadside Access Focuses	Volume-1, Issue 1, pp: 300-306, Aug-2015.	International Journal of Advanced Research in Biology Ecology Science and Technology	0.77
48	Dr.S.Somasundaram	A Review of Outlier Prediction Techniques in Data Mining	Volume-10, Issue - 9, pp: 1021-1028, Jul-2015.	Research Journal of Applied Sciences, Engineering and Technology	-
49	Dr.Veeramalai. S, Merry Ida.A, Ancy Breen.W	An Efficient Human Resource Management Through Web Based Analytics	Volume-23, Issue 7, pp: 1512-1520, Jun-2015.	Middle-East Journal of Scientific Research	-
50	Mrs.P.Meenakchi, Dr.S.Veeramalai	Relevant Information Retrieval Using Relation Based Semantic Page Ranking Algorithm	Volume-23, Issue 7, pp: 1414-1419, Jun-2015.	Middle-East Journal of Scientific Research	-
51	Mrs.P.Meenakchi, Dr.S.Veeramalai, Mr.K.Karthick, Mr.R.Danu	An Enhanced Topic Driven Clustering for Document Based Datasets	Volume-23, Issue 7, pp: 1521-1531, Jun-2015.	Middle-East Journal of Scientific Research	-
52	Dr.S.Veeramalai, Ms.M.Gowthami, Mr.K.Karthick	Motion Based Background Subtraction and Extraction Using Decolor and K-Means Clustering for Providing Security	Volume-10, Issue 53, pp: 19-23, Jun-2015.	International Journal of Applied Engineering Research	2.1
53	Ms.S.Sageengr	An Efficient and	Volum-3,	International	-

	ana, Ms.P.Poonaruv i	Compact Indexing Scheme for Large- Scale Data Store	Issue 6, pp: 2965-2968, Jun-2015.	Journal of Computer Science and Information Technologies	
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Academic year : 2014 -2015

S.NO	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Dr.S.Veeramalai, Mrs.A.Merry Ida, Mrs.W.Ancy Breen, Mrs. P. K. Sheela Shantha Kumari	An Efficient Multimodal Biometric System for Secured Authentication	Volume-9, Issue 11, pp: 759- 767, May- 2014.	Australian Journal Of Basic And Applied Sciences	1.51
2	Ms.M.Gowthami, Dr.S.Veeramalai	Privacy and Security in Distributed Information Sharing Through Brokering System	Volume-9, Issue 11, pp: 755- 758, May- 2014.	Australian Journal Of Basic And Applied Sciences	1.51
3	Mrs. S. ShanmugaPriya, Mrs. P. K. Sheela Shantha Kumari, Mrs.Meenakshi.P	A Novel Approach for Emotion Mining from Text Using Latent Dirichlet Allocation	Volume-9, Issue 22, pp: 13203- 13211, Nov -2014.	International Journal of Applied Engineering Research	1.82
4	Mrs.Umamaheswari. R	Steganography Based Information Protection Method for Information Hiding	Volume-9, Issue 22, pp: 13291- 13298, Nov- 2014.	International Journal of Applied Engineering Research	1.82

5	Mrs.P.K Sheela Shantha kumari	Secured Data Storage with Merkle Hash Tree in Cloud Computing	Volume- 9,Issue 22,pp: 13283- 13290, Nov- 2014.	International Journal of Applied Engineering Research	1.82
6	Ms.P.Poonaruvi, Mr.K.Sundar	Information Motivated Framework for Behavioral Reasoning in Blind People ATM	Volume- 9,Issue 22,pp: 13275- 13281, Nov -2014.	International Journal of Applied Engineering Research	1.82
7	Mrs.B. Lalithadevi, Mrs.Leelambika.K.V, Ms.S.Sageengrana	Finest Price Prophecy for Finding Top-K Popular and Profitable Products Based on Skyline Analysis	Volume-9, Issue 22, pp: 13253- 13263, Nov- 2014.	International Journal of Applied Engineering Research	1.82
8	Mrs.W.Ancy Breen, Mrs.A.Merry Ida, Mrs.M.Queen Mary Vidya	Face Authentication Based ATM System using Sophisticated Facial Recognition Technology Combined with Keystroke Dynamics	Volume-9, Issue 22, pp: 13235- 13252, Nov -2014.	International Journal of Applied Engineering Research	1.82
9	Dr.R. Gandhiraja, Mr.T. Praveen, Ms.R. Kavitha	A Survey on Cooperative Diversity and its Applications in Various Wireless Networks	Volume-9, Issue 22, pp: 13213- 13226, Nov -2014.	International Journal of Applied Engineering Research	1.82
10	Dr.S.Veeramalai	A Novel approach	Volume 68,	Journal of	-

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		for segmenting computer Tomography lung images using echo state neural networks	Issue 3, pp: 504-510, Oct -2014.	Theoretical and Applied Information Technology	
11	Ms.R. Kavitha	Secured data spread using dispersed key cohort scheme in wireless sensor network	Volume-5, Issue 5, pp: 6506-6513, Sep -2014.	International Journal of Computer Science and Information Technology	1.83
12	Mr.Jayanthan	Enhanced scenario-based experiments to overcome byzantine attacks in manet	Volume 64, Issue 3, pp: 765-772, Jun 2014.	Journal of Theoretical and Applied Information Technology	-

Academic year: 2013-2014

S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Ms.P.Ponnaruvi	An Information Motivated Framework to Behavioral Reasoning in Smart Locations	Volume-4, Issue 4, pp: 5896-5897, May- 2014.	International Journal of Computer Science & Information Technologies	-
2	Mr.Praveen.T	Retail Market Shopping With Android Smart Phones Using The Application Of QR	Volume-6, Issue 3, Online: ISSN 0974 – 9551, May- 2014.	International Journal of Automation and Autonomous	0.13

		Code		System	
3	Mr.R. Jayanthan	Interactive Analyses in Marine Fisheries using Passive Optical Remote Sensing Techniques	Volume-11, Issue 1, pp: 289-293, Apr-2014.	Biosciences, Biotechnology Research Asia	1.84
4	Mrs.A.Merry Ida	Effective Use of Iris Code in Real Time Surveillance System	Volume-2, Issue 2, pp: 1-7, Apr -2014.	International Journal of Research in Engineering & Advanced Technology	1.47
5	Mrs.Umamaheswari.R	Role of data mining in CRM	Volume-3, Issue 2, pp: 75-79, Feb- 2014.	International Journal of Engineering Research	-
6	Dr. R.Gandhiraja	Enhanced Call Admission Control Scheme for 3G Wireless Cellular networks	Volume-6, Issue 1, Online: 0974- 9640, Jan -2014.	International Journal of Wireless Communication	0.57
7	Ms.Lalithadevi.B	A novel approach for enhancing video surveillance system using android	Volume-5, Issue 12, pp: 1-7, Nov -2013.	International Journal of Networking and communication Engineering	-
8	Mrs.A.Merry Ida, Dr. R.Gandhiraja	Transformation of Healthcare Information Using Machine Learning Approach	Volume-5, Issue 11, Online: 0974-9543, Nov-2013.	International Journal of Artificial Intelligent Systems and Machine	1.29

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				Learning	
9	Mrs.Leelambika.K.V	Data Set Analysis on Semantic Web	pp: 1245-1249, Nov -2013.	BONFRING	-
10	Mr.T.Praveen	Transmitting Bulk Amount of Data in the form of QR code with CBFSC and Chunking Techniques- Fighting against Cryptanalytic Attacks	Volume 4-Issue 4, pp:341-349, Aug -2013.	International Journal of Computer Engineering &Technology	1.04

Academic year: 2012-2013

S. No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Mr.T.Praveen	Impact of mobile phones in human le cycle	Volume 1, Issue 6, pp: 61-68, Apr- 2013.	International Journal of Emerging Science and Engineering	-
2	Dr.M.Selvam	Improving resilience and revocation by mitigating load mousing attacks in wireless sensor networks	Volume – 4, Issue 4, pp: 276-280, Apr -2013.	International Journal of Science & Engineering	1.4

3	Ms.Lalithadevi.B	Video Surveillance for live access using Android	Volume-1, Issue 2, pp: 1-5, Apr - 2013.	International Journal of Research in Engineering & Advanced Technology	-
4	Mrs.Leelambika. K.V, Mrs.A.Rohini, Mrs. Sheela Shantha Kumari.P.K	Efficiency of Data Collection in WSN using Tree Based Network Topology	Volume-2, Issue 4, pp: 864-866, Apr -2013.	International Journal of Research in Engineering & Advanced Technology	1.47
5	Mrs.Leelambika. K.V, Mrs.A.Rohini	Reliable finger Print Matching	Volume-2, Issue 1, pp: 60-65, Mar- 2013	International Journal of Computer Science & Engineering	1.25
6	Mrs.Leelambika. K.V, Mrs. Sheela Shantha Kumari.P.K, Mrs.A.Rohini	Steadfast Veringer Pattern Matching	Volume-2, Issue 1, pp: 60-65, Mar- 2013.	International Journal of Computer Science and Applications	-
7	Mrs.M.Queen Mary Vidya, Mrs.Leelambika. K.V,Mrs.A.Rohini	Bayes classification for finger print Retrieval	Volume-4, Issue 2, pp: 216-220, Jan- 2013.	International Journal of Research in Computer Science	-

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8	Ms.Lalithadevi.B, Mrs.A.Merry Ida, Mrs.W.Ancy Breen	A New Approach for improving www Mining Systems and Technology	Volume -3, Issue 1, pp: 243-251, Jan -2013.	International Journal of Advanced Research in Computer Science and Software Engineering	2.08
9	Mrs.S.Shanmuga Priya , Mrs.N.Monisha Devi	A novel approach for text classification using self clustering algorithm	Volume 4, Issue 2, pp: 251-256, Jan- 2013.	International Journal of Advanced Research in Computer Science	
10	Mrs.S.Shanmuga Priya , Mrs.N.Monisha Devi	A New Approach for achieving high cohesion and false calculation in Object Oriented System by Using C3 metrics	Volume -3, Issue 3,pp: 101-106, Jan -2013.	International Journal of Advanced Research in Computer Science and Software Engineering	2.08
11	Mr.Jayanthan, Mr.T.Praveen	AGILE: The Innovation with Intelligence	Volume 3, Issue 4, pp: 875- 879,Oct- 2012.	International Journal of Computer Science and Technology	5.09
12	Mrs.Leelambika. K.V	A QOS Based Grid Job Allocation Scheme using Game Theortitic Approach	Volume -2, Issue 8, pp: 284 -290, Aug- 2012.	International Journal of Advanced Research in Computer Science and Software Engineering	-

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S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1.	S.Vinitha, R.Logeshwari, S.Sangavi	A Noval Approach For Process Mining Using Concept Drift	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
2.	K.Kaveri	Artificial Intelligence-A Literature Survey Of Blue Brain	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
3.	M. Muthuselvi, S.Perezhili	Artificial Intelligence-A Literature Survey Of Blue Brain	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
4.	Kevinayaa.A, Kavitha.S, Manimegalai.K	Detecting The Food Spoilage In Refrigerator Using Food Sensor	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
5.	E.Janitha, K.Deepika	Reliable Privacy Preserved Routing In Manet Using Backup Path	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
6.	S.Santhiya, S.Surya, S.Sreenidhi	Biomimetics— Using Nature To Inspire Human Innovation	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology	0.775

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				(IJARBEST)	
7.	Yuvasree. J, Lenny. A, Sindu. S	Smart Cars For Disabled Based On Artificial Intelligence	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
8.	Joshiba Amali.S, Divya P.M	Smart Trolley And Automatic Billing	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
9.	P.Vetriselvi, S.Mythili, Swarnathalatha .G.Y	Educing Selfishness In Mobile Adhoc Networks	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
10.	<u>P.C.Rohit</u> <u>Chandar</u> , <u>K.Valliappan</u> , <u>M.Vinoth</u> <u>Kumar</u>	Inter-Firewall Optimization Across Various Administrative Domains For Enabling Security And Privacy Preserving	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
11.	K.Siva Sankari, R.Dhivya Bharathi	Intelligent Agents For Intrusion Detection System (Iaids)	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
12.	Vanitha.M, Geethapriya.K, Nivetha.G	Wireless Sensor Network	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775

13.	Ms.B Priyatharsini, Ms.M N Preethi, Ms.R Sujatha	Web Mining Driven Object Locator Mobile Application	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
14.	S.Sridevi, K.Siva Sankari, R.Radha	Mona: Secure Multi-Owner Data Sharing For Dynamic Groups In The Cloud	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
15.	Sharmila, Vijayavahini	Decentralized Access Control Scheme For Secure Data Stored In Clouds	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
16.	G Jithesh Kumar, S Krishnan, S Sreeraj	Educational Recommendation System - Using Cloud Computing System Architecture	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
17.	C.Bhavani, A.Jathniel Jensila, M.Nandhini	Implementing Smart Transportation Arrangement,Traf fic Jam Control,Emergenc y Vehicle Endorsement And Detection Of The Theft Vehicle	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
18.	R.Swathilaksh mi, G.Shylaja	Data Hiding Using Efficient Steganography Techniques	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology	0.775

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				(IJARBEST)	
19.	R.Geetha, S.Shanmuga Priya, S.Kavitha	Invisible Eye	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
20.	Devishree.V, Pavithra.V, Agalya.P	Nanobots	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
21.	Yogalakshmi.R , Mehajabeen.M. H, Anushuya.R	Detection Of Blackhole Attack In Heterogeneous Wsn Using Honeypot	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
22.	A.Melkiya Ranjani, P.Subasri, V.Priyanka	Text Detection In Natural Scene Images By Stroke Gabor Words	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
23.	M.Prithiviraj, B.Ramkumar, Mantu Sarkar	A Wireless Sensor Network Air Pollution Monitoring System	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
24.	H. Samsunhar, P.Lakshmi Priya, M.Sindhuja	Cellular Based Bus Tracking System Using Participatory Sensing	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
25.	Monica.R, Monica.B, Divya	Improving Big Data Efficiency By Compression	Vol. I, Special Issue I, August	International Journal of Advanced Research in Biology Ecology Science	0.775

	Lakshmi.R	And Time Management Approach On Cloud	2015	and Technology (IJARBEST)	
26.	Rubesh, Kamesh, Mohan Raj	Design Technique For Voice Browsers	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
27.	Sandeep Kumar N.K, R. Deepakkumar, T.Devarajan	Smart Voting System Using Smart Phones	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
28.	M.Sasirekha, Vinitha.V, Sumithra.V	Detection Of Watermark Images Using Discrete Wavelet Transform	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
29.	S.Arun Raj, B.Marudhu Pandiyan, K.V Karthick	A Noval Approach Of Webmining Using Vtd-Xml	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
30.	A.S.Vijay, K.Vengateshan, G.Ganeshkumar	Mitigate Jammer Disrupt In Wireless Sensor Networks Using Elliptical Curve Cryptosystem	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
31.	G.Vishal, Hashir Ahamed	Trends In Big Data Analysis	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775

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32.	T.Ramsankar, G.Gothandan, D.Meganathan	A Novel Approach For Vehicle Clearance Using Intelligent Traffic Control System (Itcs)	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
33.	M.Thapasya, S.Sai Preethika, P.Subash	Internet Of Things Using Chronos Ez4301	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
34.	V.Akash S Raj, S.Akilash, N.Nandakumar	Robust Time Table Scheduling Problems Using Constraint Programming	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
35.	R.Sundar, H.Kamala Kannan, T.Maria Niranch Arachi	A Mobile Cloud Computing System For Emergency Management	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
36.	V.Jayashreeja, C.Sowmya, D.Gayathri	Robustic Video Streaming In Mobile Network Using Sns Based Prefetching	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
37.	B. Akash, Rohit Kumar Sharma	Concurrent Substantial Index Access Utilizing Roadside Access Focuses	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
38.	Shakthipriya .C, Priyanka M.P, Mahalakshmi.	Bionic Eye	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology	0.775

	A			(IJARBEST)	
39.	S.Kavitha, K.Monisha, M.Kanchana Devi, Ambarish.Gvs	Electronic Voting System Using Mobile	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775
40.	Ambarish.Gvs, Jayasuriya.M, K.Monisha	Object Segmentation Using Probabilistic Cue Points Technique	Vol. I, Special Issue I, August 2015	International Journal of Advanced Research in Biology Ecology Science and Technology (IJARBEST)	0.775

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S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1.	Joshiba Amali.S, Geetha Priya.K	Automatic Duster Machine	Vol.3, Issue 1, March 2015	International Journal of Emerging Technology in Computer Science and Electronics	-

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S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Muthaiah.R.M, N.Krishnamurthy	Transmitting bulk amount of data in the form of QCode using CBFSC & Chunking techniques, fighting against cryptanalytic attacks	Vol 4, Issue 4. pp. 341-349, July-Aug 2013	International Journal of Computer Engineering & Technology (IJCET)	6.1302 (Calculated by GIS)

Papers published in the International journals (Impact factor):

Monographs	Nil
ChapterinBooks	Nil
BooksEdited	Nil
BookswithISBN/ISSNnumberswithdetailsofpublishers	Nil
Citation Index	200
SNIP	Nil
SJR	2.24
Impactfactor	35.462
h-index	9

20. Areas of consultancy and income generated:

S.No	Name of The Company	Project Undertaken	Month and Year of project Submission	Amount Rs.in Lakhs	Faculty Responsible
1	<u>VI MICROSYSTEMS</u> 75, Electronics Estate, Perungudi, Chennai - 600 096. Phone: 044- 24961842,24961852	Website Designing & Maintenance	Jul 2015	0.35	Mrs.Ancy Breen
2	<u>AADHITYAA TECH</u> Old No: 26/2,New No: 77/2, Habibullah Road, T.Nagar, Chennai 600 017	Website Designing & Maintenance	Dec 2015	0.32	Mrs.Queen Mary Vidhya
3	<u>UNIQ TECHNOLOGIES</u> Shifa arcade No 1, 3rd Floor Bharathinagar 1st street, North Usman Road, T.Nagar, Chennai - 600 017. Ph : 9791004050	ERP Software	Jan 2016	0.20	Mr.Praveen
4	<u>CARRER SOFT SOLUTION,</u> 25 A, Ganapathy Mudali St, AF1 Rams Ambat Plaza, Venkatapuram, Ambattur, Chennai-600053 Mob : 9710432386, 9841626601	Website Designing & Maintenance	Jan 2015	0.25	Mrs.Meenakshi
5	<u>Indoasian Novateur Electrical & Digital Systems Pvt.Ltd.,</u> No.5,1st Floor, Mahalingapuram Main Road, Nungambakkam,	ERP Software	May 2014	0.25	Mrs.S.Shanmugapriya

	Chennai - 600 034. Mob: 9382159009				
6	<u>GLOBAL IWEBBS</u> 61/163,1 st Floor Hazier, Complex Aynavaram, Chennai-600023 Mob: 9884002619	Designing And Developing A Real Estate Website	May 2013	0.26	Mrs.Merry Ida

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

S.No.	Name of the Faculty Member	Details of National / International Committee
1.	Dr.Veeramalai S	IAENG,CSTA, MISTE
2.	Dr.K.Somasundaram	Reviewer-International Journal of Computational Intelligence,CSTA,CSI,ISTE.IETE,MIE,C.ENG, Anna University (Board of Studies Member(for PG Reg.2013)), Texila Amercian University(Board of studies member) , IAENG
3.	Mr.Karthikeyan.P	CSTA,IACST.CSI,MISTE,IAENG
4.	Mrs.Shanmugapriya.S	IAENG,CSTA
5.	Ms. Queen Mary Vidya.M	IAENG,CSTA
6.	Ms. Leelambika.K.V.	IAENG
7.	Mrs. Sheela Shanthakumari P.K	IAENG,CSTA
8.	Mrs.Merry Ida .A	IAENG,CSTA
9.	Mr.Praveen.T	IAENG,CSTA
10.	Mrs.Ancy Breen W	IAENG,CSTA
11.	Mr.Sakthivel.S	IAENG,CSTA, MISTE

12.	Mrs.Meenakshi.P	IAENG,CSTA
13.	Mrs.Umamaheswari.R	IAENG
14.	Ms.Sageengrana .S	IAENG,CSTA
15.	Mr.Danu R	IAENG,CSTA
16.	Mrs.Gowthami.M	IAENG,CSTA
17.	Mr.Karthick.K	IAENG,CSTA
18.	Ms.Anto Rose	IAENG,CSTA
19.	Ms.R.Jayashree	IAENG
20.	Mr.Sabapathi	IAENG,CSTA
21.	Ms.Rupavathy	IAENG
22.	Mr.Vinod.R	IAENG
23.	Mr.Senthil	IAENG,CSTA
24.	Ms.Rajasaranyakumari	IAENG,CSTA

22. Student projects

a) Percentage of students who have done in-house projects include inginter departmental/programme

S.No.	Name of the Programme	% of students who have done In-house Project
1	Computer Science and Engineering	98%

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

(BATCH-2011-15)

S.No	Name of the students	% of Students	Research laboratories/Industry/ other agencies	Title of the project
1	Meenakshi S		Mahindra Epc, Mumbai	IOT Gateway Adapters
2	Saranya N			

23. Awards/Recognitions received by faculty and students

a) Faculty

S.No	Name Of The Faculty/Student	Programme	Awards Of Recognition Received
1.	Mrs S.Shanmugapriya	Conference	1 st Prize In RECHZIG' 14 Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg.College
2.	Mrs.P.Meenakshi	Motorola	Motorola Scholar Award FAER Bangalore
3.	Mrs.Merr y Ida		

a) Students

S.No	Name of the Students	Year	Achievements
1.	Agalya.P	III	II Prize in Symposium at Bharath University
2.	Devishree.V	III	
3.	Rohit Kumar Sharma	II	III Prize In Adzap Event
4.	Abhishek Puhan	II	
5.	Rahul Nirmal	II	
6.	Nitin Punia	II	
7.	J.Gurudeep Singh	II	
8.	Samsunhar.H	III	
9.	Lakshmi Priya.P	III	
10.	Yuvasree.J	III	
11.	Subash.P	III	
12.	Deepak Raj	III	I Prize in Haphestus'14 – Adzap Velammal Engineering College, Chennai.
13.	T.Devarajan	III	
14.	N.K.Sandeep Kumar	III	
15.	2013-2014		
16.	Sangeeth Kumar.C	IV	3 rd Place in National Conference
17.	Sam Sunhar.H	II	1 st Place in National Conference
18.	Divya B	III	3 rd Place in Quiz event

UNIVERSITY RANK HOLDERS LIST

S.NO	NameoftheStudent	Year	Rank
1	Saranya.N	2015	50
2.	Shanthi.M	2012	26

24. List of eminent academic a sand scientists/visitors to the department

S.No	Visitors	Date
1	Mr.Karthik, Senior Software Engineer, Accenture, Chennai	14-03-2012
2	Prof. S.T. Rajan, Head, St Joseph Arts&Science College, Trichy	28-08-2013
3	Prof. C.M.Velu, Prof/Head, Dattakala Group OfInstitutions, Pune	03-08-2013
4	Mr.K.RajasekarDivisional Engineer, BSNL, Chennai	06-02-2013
5	Mr.Solai Murgan & Mr.Vignesh CDAC, Chennai	20-11-2014
6	Dr.R.Baskaran, Anna University, Chennai	17-07-2014
7	Dr.Mala.T,Anna University, Chennai	23-08-2014
8	Dr.Dhananjay Kumar, Anna University, Chennai	28-08-2014
9	Dr.J.Indhumathy, Anna University, Chennai	30-09-2014
10	Dr. Uday Bhaskar, Anna University, Chennai	01-10-2014
11	Shri.VeeraSekar Scientist, Heading IT Division ,CVRDE,Avadi, Chennai	25-08-2014
12	Kavin Paul, HR Operation Specialist, LOGIC TECH , Chennai	25-08-2014
13	Mr. Ramesh, Managing Director, Insfired Solutions,Chennai.	12-01-2015
14	Dr. R.Baskar, Asso.Professor, Anna University, Chennai	11-02-2015
15	Dr. S.Chitrakala, Asso.Professor, Anna University, Chennai	21-02-2015
16	Shri S.Nandakumar , Senior Manager HR, Symantec Ltd., ChennaiSymantec Ltd., Chennai	28-08-2015
17	Dr. T.Mala, Asso.Professor, Anna University,Chennai	25-08-2015

18	Dr. B. Krishna Kumar, Professor,Dept. of Maths, Anna University,Chennai	12-09-2015
19	Mr. Muthu Pandi, System Manager,IBM,Chennai	20-02-2016

Shri S.NANDAKUMAR
Senior Manager HR,
Symantec Ltd., Chennai
Recent Technologies for sustainable
Development
28-8-2015



Dr. T.Mala,
Asso.Professor, Anna
University,Chennai Computer
Graphics 25-
08-2015



<p>Shri.VeeraSekar Scientist, Heading IT Division , CVRDE,Avadi, Chennai Recent Trends in Computing and Technologies 25- 8-2014</p>	
<p>S. Chitrakala Associate Professor Anna University PRINCIPLES OF COMPILER DESIGN 21-2-2015</p>	

<p>Dr.Ramesh, Managing Director, Insfired Solutions,Chennai ADVANCED OPERATING SYSTEMS 12-1-2015</p>	 A photograph of Dr. Ramesh, a man in a striped shirt, standing on a stage and speaking into a microphone. Behind him is a large projection screen displaying a presentation slide. To the left of the screen is a banner that reads "SPECIAL LECTURE ON 'ADVANCED OPERATING SYSTEMS' BY DR. RAMESH Managing Director, Insfired Solutions". The date "12-1-2015" is visible in the bottom right corner of the photo.
<p>Dr.Dhananjay Kumar,Asso Proff,Mit,Anna University,Chennai MOBILE AND PERVASIVE COMPUTING</p>	 A photograph of Dr. Dhananjay Kumar, a man in a white shirt, standing on a stage and speaking into a microphone. Behind him is a large projection screen displaying a presentation slide titled "Pervasive Computing: Examples & Examples". The date "28-01-2015" is visible in the bottom left corner of the photo.

<p>Recent Technologies for Sustainable Development</p> <p>28-8-2015</p>	
<p>RECHZIG'14</p> <p>25-8-2014</p>	

<p>Big Data Analytics 20-11-2014</p>	 <p>20 11 2014</p>
<p>Articial Intelligence 8-12-2013</p>	 <p>8.12.2013</p>

Android Mobile Application Development 27-07-2015	
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25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National

S. No	Name of the Event	Type of the Event	Date of the Event & Duration	Funded by Level/ Association	Resource persons
1	Recent Technologies for sustainable Development	National Conference	28-8-2015	Self -Funding	Shri S.NANDAKUMAR Senior Manager HR, Symantec Ltd., Chennai
2	Android Mobile Application Development	Seminar	27-7-2015	ICTACT	Mr. Bhanu Kumar, Raja Annamalaipuram Chennai

3	Emerging Trends in Computing and Technologies Rezhig' 14	National Conference	25-8-14	Globarena Vista Mind Unique	Shri.VeeraSekar Scientist, Heading IT Division ,CVRDE, Avadi
4	Big Data Analytics	Workshop	20-11-2014	Self Funding	Mr.Solaimurugan & Mr.Vignesh NRC-FOSS
4	Artificial Intelligence	FDTP	2 nd to 8 th Dec 2013	Anna University	Dr.R.Gogulakrishnan Anna University,Chennai Mr.Benjamin Anna University,Chennai Dr. Chitrakala Anna University,Chennai Dr.B.Amutha Anna University,Chennai Dr. J.Indumathi Anna University,Chennai Mrs.M.B.A.Salai Aaviyamma VTHT,Chennai Dr.Nehru Anna University,Chennai
5	Emerging Trends in Computing Technologies	National Conference	10-9-2013	Self Funding	Dr.K.Thirugnanam CEO-Ascenders Technologies, Pvt Ltd.
6	Artificial Intelligence	FDP	29-11-2012	Self Funding	Dr.Mrs.S.Chitrtakala, Dr.Mr.R.Baskaran, Anna University,Chennai
7	Emerging Trends in Informative Computing Applications iway' 12	National Conference	22 -8-2012	Self Funding	Shri.Srinivas Reddy Mummadi. Senior Manager –Human Resources , Prokarma CVRDE,Avadi, Chennai

26. Student profile programme/coursewise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage	Year
			* M	* F		
B.E-Computer Science Engineering	-	113	61	52	66.33%	2008-2012
	-	91	46	45	55.38%	2009-2013
	-	124	73	51	51%	2010-2014
	-	112	40	72	40%	2011-2015

*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad	Year
B.E-Computer Science Engineering	99.12%	0.88%	-	2015-2016
	95.61%	4.39%	-	2014-2015
	92.82%	7.18%	-	2013-2014

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civilservices, Defenseservices, etc.? BATCH (2011-15)

GATE – 15

S.No	VH NO	Name
1.	3923	Mithun Mohan K
2.	3911	Saranya N
3.	3943	Vigneshwar G
4.	3696	Vinodha K

29. Student progression

Student progression	Against% enrolled (2012-2013)	Against% enrolled (2013-2014)	Against% enrolled (2014- 2015)	Against% enrolled (2015- 2016)
UG to PG	9	9	4	N.A.
PG to M.Phil.	N.A.	N.A.	N.A.	N.A.
PG to Ph.D.	-	N.A.	N.A.	N.A.
Ph.D. to Post Doctoral	-	N.A.	N.A.	N.A.
Employed Campus selection	14	28	28	55
Other than campus recruitment	47	34	24	5
Entrepreneurship/Self- employment	2	2	4	N.A.

30. Detailsof Infrastructural facilities

✓ **Library**

Department library facility and access to thecentral library are available for the department Faculty and students for reference. It consist so text and reference books in different disciplines.It has a total of 199 Volumes 193 Titles and books in the areas of C# .Net, Theory and practice of Compiler Writing, How to write Program Worldwide web etc are made available.

DEPARTMENT LIBRARY



✓ **Internet facilities for Staff & Students**

All the systems in Internet Lab are provided within internet facility 40 MBPS and are available to the staff and students during particular hours, Internet hours included in the time table for students to make use of the facility. Various online journals available to staff and students.

INTERNET LAB



✓ **Class Room facility**

ICT tools like Chalk and talk, LCD projectors Power Point Presentation and OHP are amply used in classroom for assistance in lecture delivery.



✓ **Laboratories****No. Of Systems : 146****No. of Printers : 16**

Sem/Branch	CourseCode	CourseTitle
II/CSE	GE6161	Computer PracticesLaboratory
II/CSE	CS6212	ProgrammingandData Structures Laboratory I
III/CSE	CS6311	ProgrammingandData StructureLaboratory II
III/CSE	CS6312	DatabaseManagement SystemsLaboratory
IV/CSE	CS6411	NetworksLaboratory
IV/CSE	CS6412	MicroprocessorandMicrocontroller Laboratory
IV/CSE	CS6413	OperatingSystems Laboratory
V/CSE	CS6511	CaseTools Laboratory
V/CSE	CS6512	InternetProgrammingLaboratory
V/CSE	CS6513	Computer Graphics Laboratory
VI/CSE	CS6611	MobileApplicationDevelopmentLaboratory
VI/CSE	CS6612	Compiler Laboratory
VI/CSE	GE6674	CommunicationandSoftSkills - Laboratory Based
VII/CSE	CS6711	SecurityLaboratory
VII/CSE	CS6712	Gridand CloudComputing Laboratory

Laboratories-

Hardwares:

S.No	Items	Quantity
1	HP DX 2480 Desktop, Intel Core2 Duo E7500 Processor @ 2.93 GHz, 320 GB SATA Hard disk Drive	20
2	HP DX 3090 Desktop, Intel Core2 Duo E7500 Processor @ 2.93 GHz, Intel G43Chipset Motherboard, 2 GB DDR3 RAM, 320 GB SATA Hard disk Drive	50
3	HP Pro 3330 Microtower Desktop , Intel Core i3 Processor @.3.30 Ghz, Intel G43Chipset Motherboard, 2 GB DDR3 RAM 500 GB SATA Hard disk Drive	6
4	HP DX 3090 Desktop , Intel Core2 Duo E7600 Processor @ 3.06 GH, Intel G43Chipset Motherboard, 2 GB DDR3 RAM, 320 GB SATA Hard disk Drive	64
5	HP Pro 3330 Microtower Desktop , Intel Core i3 Processor @.3.30 Ghz, Intel G43Chipset Motherboard, 2 GB DDR3 RAM, 500 GB SATA Hard disk Drive	6
6	Printers-Dot Matrix	16

Networks Lab



**Computer
Graphics
Lab**



LABORATORIES

SOFTWARES

Sem/ Branch	Course Code	CourseTitle	Soft wares
I/CSE	GE6161	Computer PracticesLaboratory	C compiler, Office suite
I/CSE	CS6212	ProgrammingandData Structures IiLaboratory I	C compiler
III/CSE	CS6311	ProgrammingandData StructureLaboratory I	C++compiler
III/CSE	CS6312	DatabaseManagement SystemsLaboratory	Frontend:VB/VC++/JAVA Backend:Oracle/SQL
IV/CSE	CS6411	NetworksLaboratory	C /C++/Java,NetWork Simulator NS2
IV/CSE	CS6412	MicroprocessorandMicrocontroller Laboratory	8086 Asembler&8051 Cross Assembler
IV/CSE	CS6413	OperatingSystems Laboratory	C/C++/Java
V/CSE	CS6511	CaseTools Laboratory	Rational Suite, Argo UML, Visual Paradigm, Eclipse IDE and JUnit
V/CSE	CS6512	InternetProgrammingLaboratory	Java, DreamWeaver
V/CSE	CS6513	Computer Graphics Laboratory	C,C++,Java,OpenGL
VI/CSE	CS6611	MobileApplicationDevelopmentLaboratory	Android Studio Emulator
VI/CSE	CS6612	Compiler Laboratory	C/C++compiler LEX and YACC

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

VI/CSE	GE6674	CommunicationandSoftSkills Laboratory Based	-	Globarena
VII/CSE	CS6711	SecurityLaboratory		C /C++/Java GnuPG, KFSensor
VII/CSE	CS6712	Grid and CloudComputing Laboratory		GlobusToolkit , Eucalyptus or OpenNebula

31. Number of students receiving financial assistance from college, university, Government or other agencies

Financial assistance from Government (First Graduate)

S.No	Year	No.ofStudents
1	2015-2016	25
2	2014 - 2015	38
3	2013 - 2014	17
4	2012 - 2013	6
5	2011 - 2012	18
6	2010 - 2011	15

Scholarship details

Year	Scholarship			Scholarship	Farmers scholarship	National Foundation for Teacher's welfare	Central Govt merit
	BC	MBC	DNC	SC/ST			
2015-16	45	21	-	36	-	-	-
2014-15	28	23	-	33	-	-	-
2013-14	42	24	-	40	-	-	-

2012-13	60	39	-	29	-	-	-
2011-12	66	38	-	32	-	-	-
2010-11	50	40	-	33	-	-	-

32. Details on student enrichment programmes (special lectures/workshops/Seminar) with external experts



S.NO	DATE	NAME OF THE ACADEMICIANS AND SCIENTISTS/VISITORS	DESIGNATION	Topics Delivered
1	14-03-16	Dr.Chitrakala	Associate Professor, Anna University, Chennai-25	Compiler Design
2	27-02-16	Dr. B. Krishna Kumar	Professor, Anna University, Chennai-25	Pqt
3	20-02-16	Mr. Muthu Pandi	System Engineer, Ibm, Chennai	Basics In Cloud And Virtulisation Virtualization
4	12-09-15	Dr.B.Krishna Kumar	Professor , Anna University, Chennai-25	Fourier Transformations
5	25-08-15	Dr. T. Mala	Associate Professor, Anna University, Chennai-25	Basics And 2d,3d Line Drawing
6	25-08-15	Dr. T. Mala	Associate Professor, Anna University, Chennai-25	Basics And 2d,3d Line Drawing
7	12-01-15	Mr. Ramesh	Managing Director,	Memory Management, Deadlocks.
8	11-02-15	Dr. R.Baskar	Associate Professor, Anna University, Chennai-25	Software Project Management

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

9	21-02-15	Dr. S.Chitrakala,	Associate Professor, Anna University, Chennai-25	Parsers And Sdt
10	17/07/14	Dr.R.Baskaran	Asso.Professor, Anna University, Chennai-25	Software Engineering
11	23/08/14	Dr.Mala.T	Sr,Assist. Professor, Anna University, Chennai-25	Color Models – Rgb, Yiq, Cmy, Hsv
12	28/08/14	Dr.Dhananjay Kumar	Associate Professor, Anna University, Chennai-25	Proactive And Reactive Routing Protocols
13	30/09/14	Dr.J.Indhumathy	Asso.Professor Anna University, Chennai	Data Base Management Systems
14	01/10/14	Dr.Uday Baskaran	Professor Vel Tech Technical University, Chennai	Transforms And Partial Dferential
15	01/03/14	Dr.Krishna Kumar	Senior Technical Officer	Artificial Intelligence
16	24/7/13	Mr.Thanasekar	Asst.Professor, Anna University, Chennai-25	Fa And Regular Expressions
17	17/08/13	Dr. Krishna Kumar	Asso. Professor, Anna University, Chennai-25	Formation Of Partial Dferential
18	16/09/13	Dr.R.Baskaran	Asso.Professor, Anna University, Chennai-25	Analysis, Design Concepts
19.	10/10/13	Dr.Chitrakala	Associate Professor, Anna University, Chennai-25	Pervasive Computing
20	5/2/13	Dr.Chitrakala	Associate Professor, Anna University, Chennai-25	Code Optimization

21	9/2/13	Dr.Abirami	Asst.Professor, Anna University, Chennai-25	Implementation Techniques
22	20/2/13	Mr.Benjamin	Asst.Professor, Anna University, Chennai-25	Uncertain Knowledge And Reasoning
23	22/2/13	Dr.Rathna Kannan	Asst.Professor, Anna University, Chennai-25	Microcontroller
24	25/7/12	Dr.Chitrakala	Associate Professor, Anna University, Chennai-25	Data Mining & Data Warehouse
25	13/08/12	Dr.Abirami	Asst.Professor, Anna University, Chennai-25	Data Structures Concepts
26	10/09/12	Dr.M.R.Sumalatha	Asst.Professor, Anna University, Chennai-25	Distributed Systems

<p>Dr.R.Baskaran, Asso.Professor, Anna University, Chennai</p> <p>SOFTWARE ENGINEERING</p> <p>17-7-2014</p>	
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<p>Dr.T.Mala, Asso.Professor, Anna University,Chennai</p> <p>Computer Graphics</p> <p>25-8-2015</p>	
<p>Dr. S. Chitrakala -Associate professor, Anna University, Chennai</p> <p>PRINCIPLES OF COMPILER DESIGN”</p> <p>21-2-2015</p>	

<p>Dr.Ramesh, Managing Director, Insfired Solutions,Chennai Advanced Operating Systems</p> <p>12-1-2015</p>	
<p>Dr.Dhananjay Kumar,Asso Proff,Mit,Anna University,Chennai</p> <p>MOBILE AND PERVASIVE COMPUTING</p> <p>28-8-2014</p>	

33. Teaching methods adopted to improve student learning

To improve the student learning,

- ❖ Black board and chalk
- ❖ Power point presentations using LCD projectors.
- ❖ Industrial visits to various field of IT.
- ❖ Organizing workshops
- ❖ Conducting Conferences
- ❖ Guest lecturers of experts from various organizations.
- ❖ Encouraging Students to attend seminars
- ❖ Students are motivated to co-ordinate the various events as workshops, Conferences, etc.,

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Students and Faculty's from the Computer Science and Engineering Department went to Orphanage to educate as well as motivate the students.

* Rally "Against Tobacco" has been organized along with YRC.

35. SWOC analysis of the department and Future plans

<i>STRENGTHS</i>	
1	Highly qualified and well experienced Faculty in different specializations
2	100% lab facility satisfying the curriculum is available
3	Excellent Infrastructure facilities available
4	Continuous encouragement from the management
5	Good mentor system

WEAKNESS	
1	Though we have good placements in our respective area, less opportunity provided in the government sectors.
2	Lack of international collaboration for exchange of students / staff.
3	Less Research activity
OPPORTUNITIES	
1	Good platform for the self growth of the faculty and students
2	Good environment for the Students to promote their innovation ideas.
3	It's a "place of placement", good job opportunity for the eligible studens.
4	Support for Higher education
5	Awareness of entrepreneurship
CHALLENGES	
1	Making the students confident in their soft skills and communication skills.
2	Preparing students to the expectations of the Industry
3	To make a student as a social responsible person
4	Bringing out the individuality of every student
KEY STRATEGIES FOR MOVING FORWARD	
1	Motivating the students and faculty to publish papers in journals, conferences and participate in workshops, Seminar
2	More out reach programs' for employability.
3	Social awareness programs
4	More MoUs with industries and R&D Lab for collaborative research.

1. Name of the department : **Information Technology**

2. Year of Establishment : **2006**

3. Names of Programmes / Courses offered:

S.No	Level	Degree	Name of the course
1	UG	B.TECH	Information Technology Started in 2006, with intake 60 AICTE File No:730-52-447(E)/ET/2002 Affiliated to Anna University Chennai.

4. Names of Interdisciplinary courses and the departments/units involved

Regulation 2013:

S.no	Sem	Sub Code	Subject name	Department handled
1	III	MA6351	Transform and Partial Differential Equation	S&H
2	III	CS6304	Analog and Digital Communication	ECE
3	III	GE6351	Environmental Science and Engineering	S&H
4	III	IT6313	Digital Communication Lab	ECE
5	IV	MA6453	Probability and Queuing Theory	S&H
6	IV	EC6504	Microprocessor and Microcontroller	ECE
7	IV	IT6411	Microprocessor Lab	ECE
8	V	IT6502	Digital Signal Processing	ECE

5. Annual/ semester/choice based credit system (programme wise):

S.No.	Degree	Courses Offered	System followed
1	B.Tech	Information Technology	Semester Based Credit System

6. Participation of the department in the courses offered by other departments:

S.No	Semester	Sub Code	Subject Name	Department Handled
1	I	GE6151	Computer Programming	MECH,EEE,CHEM
2	I	GE6161	Computer Practice Lab	ECE
3	V	CS2311	Object Oriented Programming with C++	EEE
4	V	CS2312	Object Oriented Programming Lab	EEE

7. Courses in collaboration with other universities, industries, foreign institutions, etc:

NIL

8. Details of courses /programmes discontinued (if any) with reasons:

NIL

9. Number of teaching posts

Post	Sanctioned	Filled
Professors	1	NIL
Associate Professors	2	NIL
Asst. Professors	9	12

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

S.No	Staff Name	Qualification		Designation	Specialization	No of Yrs Experience	No. Of Ph.D.Students Guided for the Last 4 years
		UG	PG				
1	Mr .J. Velmurugan	B.E	M.E., (Ph.D.)	Asst. Prof	CSE	9yrs 2months	NIL
2	Mr .A. Vishnukumar	B.E	M.E., (Ph.D.)	Asst. Prof	CSE	6yrs 6months	NIL
3	Mrs. C.Chandravathi	B.Tech.	M.E., (Ph. D)	Asst. Prof	Embedded System	9yrs 5months	NIL
4	Mr. P. Vinothkumar	B.E	M.E	Asst. Prof	N/W ENGG	5yrs 10months	NIL
5	Mr. P. Ashok	B.Tech.	M.E	Asst. Prof	CSE	1yr 8months	NIL
6	Mr. V. Hariharan	B. Tech	M.Tech	Asst. Prof	IT	1yr 8months	NIL
7	Mr. R. Maniraj	B.Tech.	M.E.	Asst. Prof	CSE	1yr 1months	NIL
8	Ms.D.Daya Florance	B.E	M.E	Asst. Prof	CSE	1yr 1months	NIL
9	Mrs. E. Ajitha	B. Tech	M.E	Asst. Prof	CSE	9 months	NIL
10	Mr. D. Jagadish	B.Tech.	M.Tech	Asst. Prof	IT	9 months	NIL
11	Ms. A.	B.E	M.E	Asst.	CSE	9 months	NIL

	Jayanthi			Prof			
12	Mr. M. Muniyappan	B.Tech.	M.Tech	Asst. Prof	CSE	4 months	NIL

11. List of senior visiting faculty:

Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Nil

13. Student -Teacher Ratio (programme wise)

Programme	Students	Teachers	Students-teacher ratio
Under Graduate	188	12	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Academic Support Staff(Technical)	2	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

S.No	Name	Qualification
1	Mr .J. Velmurugan	M.E.,(Ph. D)
2	Mr .A. Vishnukumar	M.E.,(Ph. D)
3	Mrs. C. Chandravathi	M.E.,(Ph. D)
4	Mr. P. Vinothkumar	M.E
5	Mr. P. Ashok	M.E
6	Mr. V. Hariharan	M. Tech
7	Mr. R. Maniraj	M.E.
8	Ms. D. Daya Florance	M.E
9	Mrs. E. Ajitha	M.E
10	Mr. D. Jagadish	M. Tech
11	Ms. A. Jayanthi	M.E
12	Mr. M. Muniyappan	M. Tech

16. Number of faculty with ongoing projects from

a) National:

NIL

b) International funding agencies and grants received:

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

NIL

18. Research Centre /facility recognized by the University:

NIL

19. Publications

Faculty Publication:					
Year: 2012-13					
S.No	Faculty Name	Title of the paper	Journal Name	Volume No, Page No, Year	Impact Factor(If any)
1	Mrs. M. Subala	Survey of Wireless Mesh Network	International Journal of Engineering and Innovative Technology	Vol: 2, 338-342, Issue 6, Dec 2012	2.137
2	Mr. V. Muthu	Survey of Wireless Mesh Network	International Journal of Engineering and Innovative Technology	Vol 2, 338-342, Issue 6, Dec 2012	2.137
3	Mr. J. Velmurugan	Security in AD HOC sensor Networks	International Journal of Advanced research in computer science and software engineering	Volume 2, 214-220, Issue 7, July 2012	2.5
4	Ms. A. Valarmozhi	Survey of Wireless Mesh Network	International Journal of Engineering and Innovative Technology	Volume 2, 338-342, Issue 6, December 2012	2.137

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Year: 2013-14					
S.No	Faculty Name	Title of the paper	Journal Name	Volume No, Page No, Year	Impact Factor(If any)
1	Mr .P. Vinoth Kumar	Advanced System for Location Tracking and Updating	International Journal of Soft Computing and Engineering	Volume-3, 14-150, Issue-3, July 2013	1
2	Ms. A. Valarmozhi	System Design For Baseline Wander Removal Of Ecg Signals With Empirical Mode Decomposition Using Matlab	International Journal Of Soft Computing And Engineering	Volume-3, 85-92, Issue-3, July 2013	1
3	Mr. J. Einstein	Advanced System For Location Tracking And Updating	International Journal Of Soft Computing And Engineering	Volume-3, 14-150, Issue-3, July 2013	1
4	Mrs. M. Subala	Advanced System For Location Tracking And Updating	International Journal Of Soft Computing And Engineering	Volume-3, 14-150, Issue-3, July 2013	1

5	Mrs. M. Subala	Security Enhancement For Reliable Computing In Cloud	International Journal Of Advanced Research In Computer Science	Volume-4, 6-9, Issue-3, June 2013	0.7
6	Mr. V. Muthu	Advanced System For Location Tracking And Updating	International Journal Of Soft Computing And Engineering	Volume-3, 14-150, Issue-3, July 2013	
Year: 2014-15					
S.No	Faculty Name	Title of the paper	Journal Name	Volume No, Page No, Year	Impact Factor(If any)
1	Mrs. M. Subala	A Delay Aware Efficient Data Collection In Wireless Sensor Networks.	Ijarcse Journal	Volume-4, , Issue-2, Feb- 2014	2.08
2	Mr. V. Muthu	A Delay Aware Efficient Data Collection In Wireless Sensor Networks.	Ijarcse Journal	Volume-4, , Issue-2, Feb- 2014	2.08
3	Mr. P. Vinoth Kumar	Dna: The Building Block Of An Incredible Memory Chip	International Journal Of Applied Engineering Research	Volume 9, 13227-13233, Number 22(2014)	0.13
4	Mrs. C. Chandravathi	Dna: The Building Block Of An Incredible	International Journal Of Applied Engineering Research	Volume 9, 13227-13233,	0.13

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		Memory Chip		Number 22(2014)	
5	Mr. J. Velmurugan	Survey on Data Storage Security in Cloud Computing	International Journal Of Applied Engineering Research	Volume 9,13299-13315, Number 22 (2014)	0.13
6	Mr. A. Vishnukumar	Improving Performance & Security Of Live Migration In Virtualized Data Centres	International Journal Of Applied Engineering Research	Volume 9, 13265-13273, Number 22 (2014)	0.13
7	Mr. M.S.Durairajan	The Advantages Of Elliptic Curve Cryptography For Security In Wireless Ad Hoc Network	International Journal Of Applied Engineering Research	Volume 9, 13327-13340, Number 22 (2014)	0.13
8	Mr. S.K. Manigandan	Survey On Energy Aware Resource Allocation For Data Centric In Cloud Computing	International Journal Of Applied Engineering Research	Volume 9, 13317-13326, Number 22 (2014)	0.13
9	Mr. P.Ashok	Extraction of Most Relevant Data from Deep Web Mining	International Journal of Innovative Science and Modern Engineering	Volume-3 Issue-1, 16-18, December 2014	1.071
10	Mr. V. Hariharan	Extraction of Most Relevant Data from Deep	International Journal of Innovative Science and Modern	Volume-3 Issue-1, 16-18,	1.071

		Web Mining	Engineering	December 2014	
11	Mrs. R.R.Prianka	Extraction of Most Relevant Data from Deep Web Mining	International Journal of Innovative Science and Modern Engineering	Volume-3 Issue-1, 16-18, December 2014	1.071

Year: 2015-16					
S.No	Faculty Name	Title of the paper	Journal Name	Volume No, Page No, Year	Impact Factor(If any)
1	Ms. Daya Florance	Privacy and Security in Distributed Information Sharing Through Brokering System	Australian Journal of Basic and Applied Sciences	755-758 , 755-758 May 2015	0.13
2	Mr. J. Velmurugan	Efficient Tenable To Data Storage and Integrity Verification in Cloud Computing	International Journal for Scientific Research and Development	Volume-3 Issue-5, 1446-1449, August 2015	2.39
3	Mr. P.Vinoth Kumar	A survey on optimizing cross layer design for wireless sensor	International Journal of Applied Engineering Research	ISSN 0973-4562 Volume 10, Number 14	0.13

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		networks		(2015) pp 34591- 34593	
4	Mr. J. Velmurugan	Identifying the Performance Efficiency of Attribute based Encryption with Secured Resource in Cloud	International Journal for Scientific Research and Development	Vol. 3, Issue 10, 2015 ISSN (online): 2321-0613	2.39
5	Mr. P.Vinoth Kumar	Identifying the Performance Efficiency of Attribute based Encryption with Secured Resource in Cloud	International Journal for Scientific Research and Development	Vol. 3, Issue 10, 2015 ISSN (online): 2321-0614	2.39
6	Mrs.C.Chandravathi	A survey on optimizing cross layer design for wireless sensor networks	International Journal of Applied Engineering Research	ISSN 0973-4562 Volume 10, Number 14 (2015) pp 34591- 34593	0.13

Student Publications

S.No	Student Name	Title of the paper	National/International/Journal	Volume No, Page No, Year	Impact Factor(If any)
Year: 2012-13					
1	Mr. M. Nicholas Nirmal Raj	Secured Access in Cloud Computing	National Conference	143-152	-
2	Mr. M. Ganesa Murthy	Secured Access in Cloud Computing	National Conference	143-152	-
Year: 2013-14					
1	Ms. N. Monika Priya	PIXIE Dust-Data Storage	National Conference	466-472	-
2	Ms. P. Sathiya	PIXIE Dust-Data Storage	National Conference	466-472	-
3	Mr. R. Ashok	Brain Controlled Car for Disabled using Artificial Intelligence	National Conference	525-531	-
4	Mr. T. Vipin	Brain Controlled Car for Disabled using Artificial Intelligence	National Conference	405-409	-
5	Mr. R. Ashok	Next Generation on Internet	National Conference	398-404	-
6	Mr. G. Rakesh	Next Generation on Internet	National Conference	398-404	-
7	Ms. M. Preethi	Introduction to Adhoc Network	National Conference	321-324	-
Year: 2014-15					
1	Ms. V.V. Prathyusha	DNA-The building block of an incredible memory chip	International Journal	160-163	0.13
2	Ms. S. Nikitha	DNA-The building block of an incredible memory chip	International Journal	160-163	0.13
3	Ms. J. Ranjani	Green cloud computing	National Conference	19	-
4	Ms. P. Abinaya Sundari	Green cloud computing	National Conference	19	-
Year: 2015-16					
1	Ms. M. Abinaya	An Investigation of botnet activity based	National Conference	125	-

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		on DNS analysis			
2	Ms. B. Usha Shree	An Investigation of botnet activity based on DNS analysis	National Conference	125	-
3	Mr. S. Abilash Kumar	Cloud computing using wireless sensor network	National Conference	122-125	--
4	Mr. Mohammed K. Saifullah basah	Cloud computing using wireless sensor network	National Conference	122-125	-
5	Mr. A.C. Sarathy	Cloud computing using wireless sensor network	National Conference	122-125	-

Monographs	Nil
Chapter in Books	Nil
Books Edited	Nil
Books with ISBN/ISSN numbers with details of publishers	Nil
Citation Index	1
SNIP	Nil
SJR	0.28
Impact factor	12.138
h-index	1

20. Areas of consultancy and income generated:

S.NO	YEAR	TITLE/NATURE OF WORK	NAME OF THE COMPANY	AMOUNT
1	2012-2013	Payroll Processing System	Utility Form Pvt. Ltd	20,000
2	2013-2014	Coffee vending machine Embedded System	M/S.K.N. Vending Services	37,945
		Web page Creation and Maintenance	Apexis Private Limited	5,000
		Attendance Monitoring System	Bestow Packaging Pvt Ltd	13,000
3	2014-2015	Ensuring confidentiality with concurrent access by providing dbaas to cloud database	Pantech Solutions	23,000
		CaPS-Candidate Positioning and Spoting	Globarena	29,000
		Smart Mobile Status Recovery	Uniq Technologies	20,000
4	2015-2016	Biometric system	Aadhitya infomedia solutions	32,000
		Attendance Monitoring System	M/S.Immanuel Heat Treaters	90,800

21. Faculty as members in**a) National committees:**

NIL

b) International Committees:

S.No	Name of The Faculty	Name of The International Bodies/Committee
1.	Mr .J. Velmurugan	1. International Association of Engineers (IAENG).
2.	Mr. P. Ashok	1. International Association of Engineers (IAENG). 2. Institute Of Research Engineers and Doctors (IRED).
3.	Ms. A. Jayanthi	1. International Association of Engineers (IAENG). 2. Institute of Research Engineers and Doctors (IRED). 3. Member in Universal Association of Computer and Electronics Engineers(UACEE).
4.	Mr. P. Vinothkumar	1. Member in Computer Science Teachers Association 2. Member in International Association of Engineers (IAENG). 3. Member in Universal Association of Computer and Electronics Engineers (UACEE). 4. Computer Society of India
5	Mrs. C. Chandravathi	Member in International Association of Engineers (IAENG).

6	Mr. A. Vishnukumar	Member in International Association of Engineers (IAENG).
7	Mr. D. Jagadish	Member in International Association of Engineers (IAENG).
7	Ms. D. Daya Florance	Member in International Association of Engineers (IAENG).
8	Mr. R. Maniraj	Member in International Association of Engineers (IAENG).
9	Mr. V. Hariharan	1. International Association of Engineers (IAENG). 2. Institute of Research Engineers and Doctors (IRED).

b) Editorial Board:

NIL

22. Student projects:

a) Percentage of students who have done in-house projects including inter departmental/programme

Name of the Programme	% of students who have done In-house Project
Information Technology	3.71 %

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

(i) Batch: 2014-2015

S.No	Name of the Student	%of Students	Research Laboratory/Industry/Other Agencies	Title of the Project
1	Abinaya sundarai. P	96.29%	HCL career development center	Secured Publish/Subscribe System Via Two Way Authentication Using Identity Based Encryption
2	Ranjani. J		NETGENE TECHNOLOGIES	Dekey Construction For Secure Deduplication
3	Gayathri. R		Global Techno Solutions	P2P Multimedia Distribution with Recombined Fingerprints
4	Rahima firthouse. s			
5	Shobana. B		Global Techno Solutions	Attribute based encryption with secured outsourcing
6	Hemavathy. R			
7	Tharani. s		Kaashiv Info Tech	Authentication Logic Through Turn Around Time For Collusion Attacks In Wireless Sensor Environments
8	Vanishree. R			
9	Maheshwari. s		Global Techno Solutions	Ensuring confidentiality
10	Monika priya			
11	Sathiya. P			

12	Prathyusha. V. V			with concurrent access by providing dbaas to cloud database
13	Lavanya. R			
14	Nikitha. S			
15	Santhosh. M. R. S			
16	Selvakumar. k			
17	Shivatheja. M			
18	Monisha. M			
19	Sowmiya. N			
20	Latha.J			
21	Karthika devi. J			
22	R. Lokesh			Caps-Candidate Positioning and Spotting
23	S. Jagadeesh			
24	S. karthikeyan			
25	Ashly S. P			
26	Vaishnavi. M			
27	Gayathri. I			
28	Gowthami. K			
29	Sivasangari. M			
30	Jamuna rani. S			
31	Durga. C			
32	Kalaivani. R			QR code based e-feedback system using smart phones
33	Subashini. M			
				Multifactor authentication for secure information using graphical password
				Inhibiting Rumors And Password Recovery
				Compressed data aggregation for energy efficient wireless sensor networks
				Query processing and optimization using set predicates
				Smart Mobile Status Recovery
				Complication and privacy-safe networks sharing via secure queries against adversary knowledge

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34	Pavithra. R		Ilogix solutions	A User Biometric System With Secure Fusion Authentication Method
35	Lavanya. L		Softlogic Systems	Preventing of Jamming Attacks Using multimodel application
36	Haripriya. T. R		Softlogic systems	Development of Android application for Photo Typescript
37	Elavarasi. K			
38	Sangeetha. M. V			
39	Vijayalakshmi. R			
40	Vigneshwaran. B		Global Techno Solutions	Building Virtual Instance Compatible with users web application
41	Siddharthan. M. A			
42	Naveenraj. S. V			
43	Kiruthika. T. V		Ador info solutions	Secure personal health records storing based on patient self controllable system
44	Suruthi. M			
45	D.Rakesh		Global Techno Solutions	Build A Trust Based Routing For Security MANET using uncertain Reasoning
46	R. Sarathkumar			
47	R. kalaivanan			
48	Kalaiarasan. G	Veltech research park	Design and implementation of navigation controls for UAV in battlefield application	
49	Gokula santhosh. S	Igenuine soft solution Pvt Ltd	Integrity Verification of data shared using dynamic audit services	
50	Dinesh kumar. K			
51	Meera mohamed. N			
52	Udhaya kumar. R	Global Techno Solutions	Batpreventing shoulder-surfing in secure transaction	
53	Gokul. V			

54	Abirami		HCL CARRER DEVELOPMENT CENTER	Key aggregate cryptosystem for scalable data sharing in cloud storage
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Academic Year	Percentage
2014-2015	96.29%(Industry)

23. Awards / Recognitions received by faculty and students:

a) By Student

S.No	Name of the faculty / student	Programme	Year	Awards of recognition received	
				National	International
1	A. Tamilarasi B. Usha Shree Jayanthi Ashwini Kannan M. Abinaya	Thunderbolt event “i-ENTROIDO 2K15”	2015	Second Place at S.S.N Engineering College	
2	B. Udhaya	Photoshop workshop event in CHEMFLUENCE '15	2015	Participated at AC Tec., Anna University, Chennai	
3	Sachin sharma	Code Debugging event “PRAYATNA'15	2015	Participated at Madras Institute of Technology	
4	M. Gopi	Workshop on “Entrepreneurship”	2015	Participated at Vel Tech Dr. RR &Dr.SR Technical University	
5	Sabitha. R Jaya Deepa. K Subu Lakshmi. P	SUMHITA'15	2015	Participated at Madras Institute of Technology	
6	A. B. Antony	Combined Annual	2015	Participated at	

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	Roshan Abinash	Training Camp		Sathyabama University Dental College	
7	A. B. Antony Roshan Abinash	NCC	2015	Attended CATC cum TSC –IGC launch I Camp	
8	A. B. Antony Roshan Abinash	NCC	2015	Participated in National Integration Camp II	
9	A. B. Antony Roshan Abinash	Prime Minister Rally	2015	Participated in Prime Minister Rally, New Delhi	
10	Udhaya. B Pavithra. S	ICTACT Youth Summit	2015	Participated at Panimalar Engineering College	
11	G. Rakesh	PRAYATNA'15	2015	Participated at MIT, Chennai	
12	Pradeep Raja	HACK Track	2015	Participated at Anna University	
13	S. Vigneshwaran N. Ashwin Kumar M. Karunamoorthy T. Vipin M. Gopi	Workshop in Big Data Analysis	2014	Participated at SSN College of Engineering	
14	Abinaya. M	Logo Identification and Connections event at Velammal Engineering College	2014	Participated at Velammal Engineering College	
15	A. B. Antony Roshan Abinash	Prime Minister Rally	2014	Attended CATC cum IGC \RDC Training Camp II	
16	M.R.S. Santhosh	Chess	2014	Participated at Jeppiaar Engineering college	
17	S. Aadhithyan	Chess	2014	Runner in Anna University Zonal	

				Tournament at Veltech Engineering College	
18	M.R.S. Santhosh	Chess	2014	Runner in Anna University Zonal Tournament at Veltech Engineering College	
19	S. Gokulaa Santhosh	National Integration Camp-II	2014	Rank CQMS and Attended NIC-II at Sathyabama University	
20	A. B. Antony Roshan Abinash	NCC	2014	Attended Inter Group Competition	
21	A. B. Antony Roshan Abinash	NCC	2014	Rank(CDL) Attended CATC-CUM-RDC Launch Phase II	
22	A. Antony Babu	NCC	2014	Rank(CDT) Attended CATC-CUM- NTC(G) Launch Camp	
23	A. Antony Babu	NCC	2014	Rank(CDT) Attended CATC-CUM-RDC IGC-TRG Camp	
24	P. Abinaya Sundari	State Handball Championship	2013	Second Prize at G.H.S School,Uthukottai, Thiruvallur	
25	K. Dhineshkumar	CATC CUMCAMP FIRING	2013	First Prize at JHA AGARSEN COLLEGE	
26	Nikitha and Prathyusha	National Conference – INSPIRITZ' 13 (Topic: DNA Computing)	2013	Won the best paper award	
27	K. Dhineshkumar	CATC CUMCAMP SOLO SONG	2013	First Prize at JHA AGARSEN	
28	M.R.S. Santhosh	Chess event “CHEMSPORTS-	2013	Participated held at Chengalpattu Medical	

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		2013”		College	
29	K. Jayadeepa L. Lavanya T. R. Haripriya K. Gowthami R. Hemavathy S. Nikitha	Throw Ball “CHEMSPORTS- 2013”	2013	Participated held at Chengalpattu Medical College	
30	P. Prethi	Interroger, Online Quiz, Beat the Bug, Query master, Virtual Arena, Treasure Hunt	2013	Participated at MNM Jain Engineering College	
31	N. Roja	Photoshop	2012	Participated National Technical Symposium at Gojan School of Business and Technology	
32	Preethi	Quiz	2012	Participated in National Technical Symposium at SSN Engineering College	
33	Shiva Ranjani	Technical Quiz	2012	National level technical symposium at SSN College of Engineering	
34	J. Aarthi	Paper Presentation	2012	Second Prize on National Technical Symposium at Gojan School of Business and Technology	
35	R. Priyanka	Quiz	2012	Participated in National Technical Symposium at SSN Engineering College	
36	R. Thennisha	Code Fest and	2012	Participated in National	

		Technical Quiz		Technical Symposium at SSN Engineering College	
37	N. Roja	Paper Presentation	2012	Second Prize on National Technical Symposium at Gojan School of Business and Technology	

b). By Faculty Members

S.No	Name of the faculty / student	Programme	Year	Awards of recognition received	
				National	International
1	Mr. P. Vinothkumar	FDP on Cloud Computing	2012	Participated at Veltech Multitech Dr.Rangarajan Dr.Sakunthala Engg College	
2	Mr. J. Velmurugan	National Conference in Emerging Trends on Informative Computing Application – I Way' 12	2012	Participated at Veltech Multitech Dr.Rangarajan Dr.Sakunthala Engg College	
3	Mr. J. Velmurugan	National Conference on Future Innovations in Computer Science and Information Technology –	2012	Participated at Aadhi Engineering College.	

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		FICSIT2k12			
4	Mr. J. Velmurugan	National Level Conference on Soft Computing Technologies	2012	Participated at Veltech hightech Dr.Rangarajan Dr.Sakunthala Engg.College	
5	Mrs. C. Chandravathi	FDP on Artificial Intelligence	2012	Participated at Veltech Multitech Dr.Rangarajan Dr.Sakunthala Engg College	
6	Mr. J. Velmurugan	Workshop on Android	2013	Participated at Anna university, Chennai	
7	Mr. J. Velmurugan	FDP on Digital Image Processing	2013	Participated at RMK Engineering College	
8	Mr. J. Velmurugan	FDP on Computer Networks	2013	Participated at Sri Ram Engineering College	
9	Mr. J. Velmurugan	Best Administration Staff Award for Act As a Academic Officer	2014	Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	

9	Mr. P. Vinothkumar	FDP on Design and Analysis of Algorithms	2014	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
10	Ms. C. Chandravathi	FDP on Design and Analysis of Algorithms	2014	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
11	Mr. P. Ashok	FDP on Design and Analysis of Algorithms	2014	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
12	Mr. J. Velmurugan	FDP on Design and Analysis of Algorithms	2014	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
13	Mr. J. Velmurugan	Workshop on Advanced IP network	2014	Participated at Anna University, Chennai	
14	Mr. J. Velmurugan	Workshop on Service Oriented Architecture	2014	Participated at Anna University, Chennai	
15	Mr. A. Vishnukumar	Workshop on Cloud Computing	2014	Participated at MIT, Chennai	

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16	Mr. A. Vishnukumar	National Level Conference on Data Migration on Cloud Computing	2014	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
17	Mr. P. Ashok	Workshop on Big Data Analysis	2014	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
18	Mr. V. Hariharan	Workshop on Big Data Analysis	2014	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
19	Ms. R. R. Priyanka	Workshop on Big Data Analysis	2014	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
20	Mr. P. Vinothkumar	EMC ACADEMIC SUMMIT 2015	2015	Participated at ICTACT	
21	Mr. P. Ashok	National Conference on Recent Technologies for Sustainable Development	2015	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
22	Mr. J. Velmurugan	National Conference on Recent Technologies for Sustainable	2015	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	

		Development			
23	Ms. C. Chandravathi	National Conference on Recent Technologies for Sustainable Development	2015	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
24	Mr. P. Vinothkumar	National Conference on Recent Technologies for Sustainable Development	2015	Participated at Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	
25	Mr. R. Maniraj	FDP on Hadooip by ICTACT	2015	Participated at Rajalakshmi Engineering College	
26	Mr. P. Ashok	FDP on Design and Analysis of Algorithm	2015	Participated at Anna University	
27	Ms. D. Daya Florance	Workshop on Android Applications '15'	2015	Participated at Spiro Solutions	
28	Mr. J. Velmurugan	National Conference on Recent trends in Information technology- NCRTIT' 15	2015	Participated at Adhiparasakthi Engg. College	

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29	Ms. D. Daya Florance	FDP on Design and Analysis of Algorithm	2015	Participated at Anna University	
30	Mr. D. Jagadish	FDP on Design and Analysis of Algorithm	2015	Participated at Anna University	
31	Ms. E. Ajitha	FDP on Design and Analysis of Algorithm	2015	Participated at Anna University	
32	Mr. J.Velmurugan	FDP on Design and Analysis of Algorithm	2015	Participated at Anna University	
33	Mr. A. Vishnukumar	FDP on Hadoop by ICTACT	2015	Participated at Rajalakshmi Engineering College	
34	Mr. R. Maniraj	FDP on CS6660 Compiler Design	2016	Participated at Rajalakshmi Institute of Technology	
35	Mr. V. Hariharan	FDP on CS6660 Compiler Design	2016	Participated at Rajalakshmi Institute of Technology	
36	Ms. M. Muniyappan	FDP on CS6660 Compiler Design	2016	Participated at Rajalakshmi Institute of Technology	

37	Ms. A. Jayanthi	FDP on CS6660 Compiler Design	2016	Participated at Rajalakshmi Institute of Technology
38	Mr. P. Vinoth Kumar	FDP on CS6660 Compiler Design	2016	Participated at Rajalakshmi Institute of Technology

24. List of eminent academicians and scientists / visitors to the

S.No	Visitors	Date
1	Mr. Aravind Kannan, Sub Divisional Engineer,Rgmttc,Bsnl, Chennai	28-7-2015
2	Ms. P. Meenakshi, Sub Divisional Engineer,Rgmttc,Bsnl, Chennai	24-7-2015
3	Mr. Nowshath Khan, Sub Divisional Engineer,Rgmttc,Bsnl, Chennai	25-7-2015
4	Dr. Dhananjay Kumar, Associate Professor, Anna University,Chennai	25-7-2014
5	Dr. Krishna Kumar, Associate Professor, Anna University, Chennai	10-8-2013
6	Dr. T. Mala , Associate Professor/ Anna University,Chennai	23-8-2014
7	Mr. Solai Murugan, Project Engineer,CDAC, Chennai	20-11-14
8	Mr. V. B.Ganapathy, Principal System Analyst, NIC Chennai.	30-7-

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		2014
9	Dr. Abirami, Assistant Professor/ Anna University	24-8-2013
10	Dr. Dhananjay Kumar , Associate Professor /Anna University,Chennai	17-8-2013
11	Dr. Krishna Kumar, Associate Professor /Anna University,Chennai	10-8-2013
12	Mrs. Leelavathi Pari S, Asst Prof,MIT Campus,Anna University ,Chennai	6-10-2012
13	Mr. Selvaraj, S.S Technologies,Chennai	25-7-2012
14	Mr. Saravanan, Senior Associate, CTS.	12-7-2012
15	Mrs. Vinothini, Technical Head, CTS.	07-7-2012
16	Mr. Raja, Mobile Application Developer, Polaris software limited,Chennai	30-7-2011
17	Mr. P. Raman, Director, Ransys Bios Technology Ltd., Chennai.	15-3-2011
18	Dr. N. Sreenivasan, Wipro Technologies,Chennai	18-2-2011

25. Seminars/ Conferences/Workshops organized & the source of funding

S. No	Name of the Event	Type of Event	Date of the Event	Funded by Level/ Association	Resource Person
1	National Conference	IWAY'12	22 Aug 2012	Self-Funded	Shri. Srinivas Reddy Mummadi. Senior Manager- HR at Prokarma
2	National Conference	Emerging Trends in Computing Technologies (Rechzig'13)	10th Sept2013.	Self-Funded	Dr. K. Thirugnanam., CEO-Ascenders Technologies Pvt Ltd
3	Workshop	Big Data analytics	20th Nov 2014.	Self-Funded	Mr. Solai Murugan., Project Engineer,CDAC, Chennai
4	National Conference	National Conference on emerging trends in computing technology (Rechzig '14)	25 th Aug 2014	Self-Funded	Shri. S. Veerasekar., Scientist'Grade-F' Heading the IT Division of CVRDE, Avadi , Chennai
5	FDP	CS 6402 Design and Analysis of Algorithm	17th to 23 rd Dec2014	Anna University Sponsored	Dr.P.Selvaraj Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College
6	National Conference	Recent technologies for Sustainable Development (Rechzig'15)	28th Aug 2015	Self-Funded	Shri.S.Nanda Kumar Senior Manager-HR Symantec Ltd, Chennai
7	Seminar	Compiler Design	14 th Mar 2016	CSI Sponsored	Dr. S. Chitrakala, Anna University, Chennai

26. Student profile programme /course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
B.TECH., (IT) (2012)	-	64	25	39	79.68
B.TECH., (IT) (2013)	-	50	22	28	49.23
B.TECH., (IT) (2014)	-	61	22	39	80.32
B.TECH., (IT) (2015)	-	54	18	36	62.26

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B. Tech (IT) 2012-2016	98%	2%	NIL
B. Tech (IT) 2013-2017	99%	1%	NIL
B. Tech (IT) 2014-2018	100%	NIL	NIL
B. Tech (IT) 2015-2019	100%	NIL	NIL

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.,: NIL

29. Student progression:

Student progression	2014 - 15	2013- 14	2012-13
UG to PG	1.8%	3%	0.15%
PG to M.Phil.	NIL	NIL	NIL
PG to Ph.D.	NIL	NIL	NIL
Ph.D. to Post-Doctoral	NIL	NIL	NIL
<ul style="list-style-type: none"> • Employed • Campus selection • Other than campus recruitment 	31%	24%	42.42%
Entrepreneurship/Self-employment	NIL	NIL	0.15%

30.Details of Infrastructural facilities:

a) Library

Year 2015-16	Volumes 167	Titles 157
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The department has a separate library with 167 volumes of books and 157 titles of books, apart from college central library. Dedicated computer is available to access NPTEL video lectures and notes. The Library provides wide variety of reference books, text books and dictionaries ranging from history of computers to latest collection of tech books. In the department, a separate access register is being maintained.



b) Internet facilities for Staff & Students

For students and staff members High-speed internet connection has been provided for their academic purpose with 71 computers along with 7 dot matrix and 1 LaserJet printer for department usage.



c) Class rooms with ICT facility

- ❖ Well equipped classrooms with good environmental situation are here with Glass board, Overhead projector with wooden furnished benches and desks for student comfortless.
- ❖ A tutorial room is available to utilize tutorial hours and for special purposes.



d) Laboratories

- ❖ Fully air conditioned laboratories with all necessary latest hardware and updated software as per the requirement for all the semesters with Power Back-up.



1	<p style="text-align: center;">HP ELITE 7100 MT SYSTEM</p> <p>PROCESSOR : INTEL CORE I3 3.20GHZ HARD DISK : 500GB RAM : 2GB DDR3 KEY BOARD : HP OPTICAL KEY BOARD MOUSE : HP OPTICAL MOUSE MONITOR : HP V185E LCD MONITOR</p>	60
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2	<p>HP COMPAQ</p> <p>PROCESSOR : INTEL CORE 2DUO 2.00GHZ</p> <p>HARD DISK :160GB</p> <p>RAM : 512MB DDR2</p> <p>KEY BOARD : HP OPTICAL KEY BOARD</p> <p>MOUSE : HP OPTICAL MOUSE</p> <p>MONITOR : CRT MONITOR</p>	9
3	<p>PRINTERS</p> <p>TVS 345 MSP STAR</p>	8
4	<p>SOFTWARES USED</p> <p>MS WINDOWS 8.1</p>	1
5	<p>APPLICATION SOFTWARES</p> <p>TURBO C/C++</p> <p>VISUAL BASIC 6.0</p> <p>VISUAL STUDIO 2008</p> <p>VISUAL STUDIO 2010</p> <p>MS OFFICE 2007</p> <p>MS OFFICE 2013</p> <p>SQL SERVER 2005</p> <p>SQL SERVER 2008</p> <p>ORACLE 10G</p> <p>ORACLE 11G</p> <p>RATIONAL SUITE</p> <p>ADOBE READER</p>	Multi-user
6	<p>OPEN SOURCE SOFTWARES</p> <p>LINUX(FEDORA 14)</p> <p>JAVA (JDK 1.6,1.7)</p> <p>NETBEANS IDE 7.0,7.3</p>	Multi-user

31. Number of students receiving financial assistance from college, university, Government or other agencies:

First Graduate:

S.No	Year	Number of Students
1	2010-2011	20
2	2011-2012	10
3	2012-2013	10
4	2013-2014	26
5	2014-2015	26

Year	BC/MBC/DNC Scholarship			SC/ST Scholarship	
	BC	MBC	DNC	SC	ST
2011-2012	20	17	-	11	-
2012-2013	11	10	-	12	-
2013-2014	28	12	-	12	-
2014-2015	25	14	-	15	-

32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts:

S.No	Date	Topic	Name of the Guest	Designation & Organization
1	05-03-2016	Software Engineering	Dr. G. Rajesh	Assistant Professor /Anna University
2	29-07-2015	Database Management System	Mr. Aravind Kannan	Sub Divisional Engineer, Rgmttc, Bsnl, Chennai
3	25-07-2015	Web Programming	Mr. G. Nowshath Khan	Sub Divisional Engineer, Rgmttc, Bsnl, Chennai
4	24-07-2015	Digital Signal Processing	Ms. P. Meenakshi	Sub Divisional Engineer, Rgmttc,Bsnl, Chennai
5	12-01-2015	Advanced Operating System	Mr. Ramesh	Managing Director(insfired solution-chennai)
6	25-07-2014	Adhoc Sensor Network	Dr. Dhananjay Kumar	Assistant Professor /Anna University
7	30-07-2014	Database Management System	Mr. V. B. Ganapathy	Principal System Analyst, NIC Chennai.
8	23-08-2014	Computer Graphic	Dr. T. Mala	Senior Assistant Professor/ Anna University
9	15-03-2014	Network Programming Management	Dr. S. Krishna Kumar	Senior Technical Officer(DRDO), Ministry of Defence
10	20-11-2014	Big Data Analytics	Mr. Solai Murugan	Project Engineer,CDAC, Chennai
11	10-8-2013	TPDE	Dr. Krishna Kumar	Associate Professor /Anna University

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

12	17-8-2013	Adhoc Sensor Network	Dr. Dhananjay Kumar	Associate Professor /Anna University
13	17-08-2013	Digital Signal Processing	Dr. Gunaseelan	Anna University
14	24-8-2013	Data Structure	Dr. Abirami	Assistant Professor/ Anna University
15	6-10-2012	Mobile Computing	Mrs. Leelavathi Paris	Asst Prof, MIT Campus, Anna University ,Chennai

Topic: Software Engineering

Guest: Dr. G. Rajesh, Assistant Professor /Anna University

Date: 05-03-2016



Topic: Database Management System

Guest: Mr.Aravind Kannan, Sub Divisional Engineer,Bsnl, Chennai.

Date: 29-07-2015.



Topic : Web Programming

Guest: Mr.G.Nowshath khan, Sub Divisional Engineer,Bsnl, Chennai.

Date : 25-07-2015



Topic: Advanced operating System

Guest: Mr. Ramesh-managing Director (insfired solution-chennai)

Date: 12-01-2015



Topic: Ad Hoc Sensor Network

Guest: Dr.Dhananjaykumar, Associate Professor, Anna Univ.

Date: 17-08-2013



Topic: Database Management System

Guest: Mr.V.B.Ganapathy

Date: 30-07-2014



33. Teaching methods adopted to improve student learning:

- ❖ Each concept is explained to the students clearly by writing important key points on the board and relating it with the real time examples.
- ❖ The class rooms and lecture halls are well equipped with modern teaching aids like multimedia projectors (PPT and OHP)

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- ❖ Conducted Eye Camp on October 21, 2012 at Almathi Village.
- ❖ Created Water Tank and Pipeline Facility at Government High School, Kollumedu, 2013.

- ❖ Contributed 12,500 Rs through principal to construct a school building at Almathi Village .

35. SWOC analysis of the department and Future plans:

S.NO	STRENGTH
1.	Overall performance of the department has been increased in the past three years.
2.	PG qualified staff are handling the classes.
3.	University results have been increased continuously.
4.	Final year placement has been increased.
5.	Mentoring system is being followed by the staff members.

S.NO	WEAKNESS:
1.	No Post graduate courses has been started yet.
2.	No research projects have been completed. All are in application level.
3.	Higher education ratio is very less.
4.	Entrepreneur development ratio is very less.

S.NO	OPPORTUNITIES
1.	Providing Value added courses at our campus.
2.	Arranging Industrial visits and Implant training for real time industry exposure.
3.	Special Training for their career development and job opportunities.
4.	NCC, sports facility with separate wings for students.
5.	Conducting student conferences every year.

S.NO	CHALLENGES
1.	Research collaborations.
2.	To Produce 100% results and university rank holders.
3.	To develop the students confident level in their soft skills and communication skills.

1. Name of the Department : Electronics and Communication Engineering

2. Year of Establishment : 2002

3. Names of Programmes/Courses Offered

S.No	Level	Degree	Name of Course
1	UG	B.E	<p align="center">Electronics and Communication Engineering Started in 2002, with intake 60, AICTE File No:730-52-447(E)/ET/2002 Increased to intake 120 in the Academic year 2005-06. Affiliated to Anna University Chennai.</p>

4) Names of Interdisciplinary courses and the departments/units involved

S.No	Sem	Course Code	Course Name	Department Involved
1	III	MA6351	Transforms and Partial Differential Equations	S&H
2	III	EE6352	Electrical Engineering and Instrumentation	EEE
3	III	EC6301	Object Oriented Programming and Data Structures	IT
4	III	EC6312	OOPS and Data Structures Laboratory	IT
5	IV	MA6451	Probability and Random Processes	S&H
6	IV	EE6461	Electrical Engineering and Control Systems Laboratory	EEE
7	IV	EC6405	Control Systems Engineering	EEE
8	V	GE6351	Environmental Science and Engineering	S&H

9	VI	MG6851	Principles of Management	MBA
10	VI	CS6303	Computer Architecture	CSE
11	VI	GE6674	Communication and Soft Skills	S&H

5) Annual/Semester/Choice based Credit System

S.No	Degree	Courses Offered	System Followed
1	B.E	Electronics and Communication Engineering	Semester Based Credit System

6) Participation of the Department in the courses offered by other Departments

S.No	Semester	Course Code	Course name	Department
1	I	GE6162	Engineering Practice Laboratory	EEE
2	II	CS6201	Digital Principle and System Design	CSE/IT
3	II	IT6211	Digital Laboratory	IT
4	II	CS6211	Digital Laboratory	CSE
5	II	GE6251	Basic Electrical and Electronic Engineering	MECHANICAL
6	III	CS6304	Analog and Digital Communication	IT/CSE
7	III	IT6313	Digital Communication Laboratory	IT

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

8	III	EE6301	Digital Logic Circuits	EEE
9	III	EC6202	Electronic Devices and Circuits	EEE
10	III	EE 6303	Linear Integrated Circuits	EEE
11	IV	EC6504	Microprocessor and Microcontroller	IT/CSE
12	IV	IT6411	Microprocessor and Microcontroller Laboratory	IT
13	IV	CS6412	Microprocessor and Microcontroller Laboratory	CSE
14	V	IT6502	Digital Signal Processing	IT
15	V	EC6801	Wireless Communication	IT
16	VI	IT6502	Digital Signal Processing	CSE
17	VI	EC6403	Discrete Time Systems & Signal Processing	EEE
18	VI	EC6651	Communication Engineering	EEE
19	VI	EE6612	Microprocessor and Microcontroller Laboratory	EEE
20	III	MC7302	Embedded Systems	MCA
21	III	MC7311	Embedded Systems Laboratory	MCA

7) Courses in collaboration with other universities, industries, foreign institutions, etc :

NIL

8) Details of programmes/Courses discontinued (if any) with reasons: NIL

9) Number of Teaching posts

Post	Sanctioned	Filled
Professors	2	3
Associate Professors	5	3
Assistant Professors	17	18

10) Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. / Ph.D /M.Phil.ets.)

S.No	NAME	Qualification	Designation	Specialization	Experience	No of Student guided for last 4 years
1	Dr. Murugesan.K	M.E., Ph.D	Principal	Optical Communication	23 Yrs	6
2	Dr. Saravana Kumar .G	M.Tech., Ph.D	Dean & Professor	Bio Signal Processing	18 Yrs 2 Months	6
3	Dr.Veerappan .J	M.E., Ph.D	Professor	Optical Signal Processing	23 Yrs 5 Months	6
4	Mrs. Krishnakumari.S	M.S.,M.E., (Ph.D)	Associate. Professor	Applied Electronics	19 Yrs 5 Months	NA
5	Mr. H.K.Singh	M.Tech., (Ph.D)	Associate. Professor	Digital Electronics	14 Yrs 6 Months	NA
6	Mrs. Duraichi .N	M.E.,(Ph.D)	Associate. Professor	Embedded System Technologies	11 Yrs 8 Months	NA
7	Mrs. Jalaja .S	M.E	Asst. Professor	Embedded System Technologies	10 Yrs 7 Months	NA

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8	Mr.Ramkumar.S	M.E.,(Ph.D)	Asst. Professor	VLSI Design	7 Yrs 8 months	NA
9	Mr.Prabakaran. N	M.E.,(Ph.D)	Asst. Professor	VLSI Design	7 Yrs 5 Months	NA
10	Mr.Madhu Sudhana Reddy .B	M.Tech., (Ph.D)	Asst. Professor	VLSI Design	6 Yrs 10 Months	NA
11	Mr.Siva Saravana babu .S	M.E	Asst. Professor	VLSI Design	5 Yrs 8 Months	NA
12	Mrs. Thameema Begum.J	M.E	Asst. Professor	Communication Systems	5 yrs 1months	NA
13	Mrs. Lavanya .R	M.E	Asst. Professor	Communication Systems	4 Yrs 8 Months	NA
14	Mr.Kalaimohan .T.S	M.E	Asst. Professor	Applied Electronics	4 Yrs 7 Months	NA
15	Mr.Sudhakar .S	M.E	Asst. Professor	Embedded System Technologies	4 Yrs 2 Months	NA
16	Mr.Muni Reddy	M.Tech	Asst. Professor	Digital Systems And Computer Electronics	4 Yrs 1 Mnth	NA
17	Mrs. Jenila Rachel .J	M.Tech	Asst. Professor	Computer And Communication	3 Yrs 2 Months	NA
18	Ms.Gowdhami .D	M.E	Asst. Professor	Applied Electronics	2 Yrs 8 Months	NA
19	Ms.Shanmuga Priya.K	M.E	Asst. Professor	Applied Electronics	2 Yrs 3 Months	NA
20	Mrs. Vaishnavi .P	M.E	Asst. Professor	Applied Electronics	2 Yrs 1 Months	NA
21	Mr.Praveen Kumar.E	M.E	Asst. Professor	Communication System	1Yr 7 Months	NA
22	Mr.Thiyagarajan .S	M.Tech	Asst. Professor	Embedded System Technologies	1Yr 6 Months	NA

23	Ms.Siva Priya G.S	M.E	Asst. Professor	Communication Systems	1 Yr	NA
24	Ms.Sakana.G	M.E	Asst. Professor	Applied Electronics	8 months	NA

11) List of Senior Visiting Faculty :

NIL

12) Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

NIL

13) Student Teacher Ratio (Programme wise)

PROGRAMME	STUDENTS STRENGTH	STUDENT TEACHER RATIO	AS PER NORMS
UG (B.E- ECE)	313	15:1	15:1

14) Number of Academic Support Staff (Technical) and Administrative staffs sanctioned and filled

Post	Sanctioned	Filled
Academic support staff (Technical)	5	4
Administrative Staff	2	2

15) Qualification of Teaching Faculty with DSc/D.Litt/Ph.D/MPhil/PG

S.No	NAME	Qualification
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PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

1	Dr. Murugesan.K	B.E (ECE),. M.E (MW&OE),. Ph.D
2	Dr. Saravana Kumar .G	B.E(ECE),.M.Tech (AE),.Ph.D
3	Dr.Veerappan .J	B.E(ECE),.M.E(CS),.Ph.D
4	Mrs. Krishnakumari.S	B.E (ECE),.M.E(AE),.M.S (Elect & control),.(Ph.D)
5	Mr. H.K.Singh	AMIE (ECE),.M.Tech(DE),.(Ph.D)
6	Mrs. Duraichi .N	B.E (ECE),. M.E(EST),.(Ph.D)
7	Mrs. Jalaja .S	B.E (ECE),. M.E(EST)
8	Mr.Ramkumar.S	B.E (ECE),.M.E(VLSI),.(Ph.D)
9	Mr.Prabakaran. N	B.E (ECE),.M.E(VLSI) ,(Ph.D)
10	Mr.Madhu Sudhana Reddy .B	B.Tech(EEE),.M.Tech(VLSI),.(Ph.D)
11	Mr.Siva Saravana babu .S	B.E (ECE),.M.E(VLSI)
12	Mrs. Thameema Begum.J	B.E (ECE),.M.E(CS)
13	Mrs. Lavanya .R	B.E (ECE),.M.E(CS)
14	Mr.Kalaimohan .T.S	B.E (ECE),.M.E(AE)
15	Mr.Sudhakar .S	B.E (ECE),.M.E(EST)
16	Mr.Muni Reddy	B.E (ECE),.M.Tech(DSCS)
17	Mrs. Jenila Rachel .J	B.E (ECE),.M.Tech(C&C)
18	Ms.Gowdhami .D	B.E (ECE),.M.E(AE)
19	Ms.Shanmuga Priya.K	B.E (ECE),.M.E(AE)

20	Mrs. Vaishnavi .P	B.E (ECE),M.E(AE)
21	Mr.Praveen Kumar.E	B.E (ECE),M.E(CS)
22	Mr.Thiyagarajan .S	B.E (ECE),M.Tech(EST)
23	Ms.Siva Priya G.S	B.E (ECE),M.E(CS)
24	Ms.Sakana.G	B.E (ECE),M.E(AE)

**16) Number of faculty with ongoing projects from a) National
b)International funding agencies and grants received :**

S.No.	Title of Project	Funding Agency and Scheme	Name of the Faculty	Amount(in Rs.)
1	An Empirical Evaluation of ISHA YOGA PRACTICES as curative tool	DST (Under Review)	Dr.G.Saravana Kumar	16.9 Lakhs

- 1. Project Title:** An Empirical Evaluation of ISHA YOGA PRACTICES as curative tool
- 2. Sub Area:** Assessment of Brain's electrical activity and Status of Nerve Conduction
- 3. Duration in months:** 36
- 4. Total cost:** Rs. 16, 92,000[Rupees Sixteen Lakhs and Ninety thousand only]
- 5. Project Category:** BASIC RESEARCH

6. Principal Investigator: Dr. V. PARTHSARATHY

Designation: Dean and Professor

Department: Department of Computer Science and Engineering

Institute Name: Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala

Enginnering College

Address: 42, AVADI-VELTECH ROAD, AVADI, CHENNAI.

Telephone: 91 8220271905

E-mail: sarathy.vp@gmail.com

7. Date of Birth: 01/06/1974

8. Sex (M/F): Male

9. Co-Investigator: Dr. G. SARAVANA KUMAR

Designation: Professor

Department: Department of Electronics and Communication Engineering

Institute Name: Vel Tech HighTech Dr. Rangarajan Dr. Sakunthala

Enginnering College

Address: 42, AVADI-VELTECH ROAD, AVADI, CHENNAI.

Telephone: 91 9789634902

Email: g.saravanakumar@velhightech.com

10. Date of Birth: 02/05/1974

11. Sex (M/F): Male

**17) Department projects funded by DST-FIST, UGC, DBT, ICSSR, etc.,
and total grants received:**

S.No	Title of the Project/ Grant	Name of the Scheme	Name of the Funding Agency	Total Amount sanctioned	Name of the Investigators/Beneficiary
1	Brain Computer Interface Based Seizure Detection Scheme	R&D	Ministry of Science & Technology	4 lakhs	Dr. G.Saravana Kumar
2	A Hybrid Physiological Signal Diagnosis Driven BCI Speller tool using Power aware BAN	R&D	IGSTC	129.35 lakhs	Dr. G.Saravana Kumar
3	An Efficient Speller Machine with Novel Technique for feature classifications and artifact removal from EEG	R&D	ICMR	33.33 lakhs	Dr. G.Saravana Kumar
4	The reduction of control overhead and data overhead in wireless multicast trees in manet to efficiently use those network in battle	R&D	DRDO	23LAKHS	Dr. J.Veerappan

18) Research Center/Facility organized by the university:

NIL

19) Publications

Staff

Number of papers published in peer reviewed journals (national/international) by faculty and students

2015-2016

Sl.No	Name Of The Faculty	Journal Title	Journal Name	Issue No.
1	Dr.G.Saravana Kumar	A Novel Image Encryption Scheme For Similar Structural Images	IJAER (SCOPUS Indexed, Anna University ANNEXURE-II Listed)	ISSN 0973-4562 Volume. 10 No.44, June 2015
2	Dr.G.Saravana Kumar	Energy Conservation Methods In Wireless Sensor Networks	IJAER (SCOPUS Indexed, Anna University ANNEXURE-II Listed)	ISSN 0973-4562 Volume. 10 No.44, June 2015
3	Dr.G.Saravana Kumar	A Novel Image Encryption Scheme For Similar Structural Images	In IJAER (SCOPUS Indexed, Anna University ANNEXURE-II Listed)	, ISSN 0973-4562 Volume. 10 No.53, June 2015
4	Dr.G.Saravana Kumar	MAC Protocols for Wireless Sensor Networks	Indian Journal Of Science And Technology	Vol 8(34), DOI: 10.17485/ijst/2015/v8i34/72318, December 2015
5	Dr.G.Saravana Kumar	TOPOLOGY CONTROL ISSUES IN WIRELESS SENSOR NETWORKS (WSN) FOR INTELLIGENT TRANSPORTATION SYSTEMS (ITS)	ARPN Journal of Engineering and Applied Sciences ©2006-2015	VOL. 10, NO 22, DECEMBER, 2015ISSN 1819-6608
6	Dr.G.Saravana Kumar	Energy Harvesting in Wireless Sensor Networks	© Springer India 2016 S.S. Dash et al. (eds.),Artificial Intelligence and Evolutionary Computations in Engineering Systems,	DOI 10.1007/978-81-322-2656-7_76

			Advances in Intelligent Systems and Computing 394,	
7	Mr.H K Singh	Co-Operation Based Resource Selection In Cognitive Radio Network Via Potential Games	Indian Journal Of Science And Technology	Volume 8, 2015, Pages 63-69
8	Mr.H K Singh	Applying Machine Learning Technique For Spectrum Trading In Future LTE Based Cognitive Radio Systems	IJAER	, Volume 10, Issue 8, Pages 20461-20474,2015
8	Mr.S.Sivasaravana Babu	A Novel Image Encryption Scheme For Similar Structural Images	In IJAER (SCOPUS Indexed, Anna University ANNEXURE-II Listed)	, ISSN 0973-4562 Volume. 10 No.53, June 2015
9	Mr.S.Sivasaravana Babu	An Efficient Memristor Based Image Encryption Algorithm	Research Journal Of Fisheries And Hydrobiology	Volume And Issue No: 10(15), Page No: 1 To 9, Year Of Publication :2015, ISSN No: 1816-9112
10	Mr.S Sudhakar	'A Novel Image Encryption Scheme For Similar Structural Images	International Journal Of Applied Engineering Research	Vol. 10 No.53, June 2015
11	Mr.B.Madhusudhana Reddy	CMOS Based Digital Controlled Oscillators (DCO) – A Review	International Journal Of Applied Engineering Research	ISSN 0973-4562 Vol. 10 No.20, Pgn:18626-18630
12	Mrs.P. Vaishnavi	Design And Implementation Of Reconfigurable ALU For Signal Processing Applications.	Indian Journal Of Science And Technology	Vol 9(2), DOI: 10.17485/IJST/2016/V9i2/86343, January 2016
13	Mr.S.Thiyagarajan	Comparative Study On Data Centric - Wireless Sensor Network Protocols	International Journal Of Applied Engineering Research(IJAER), (Annexure II) SCOPUS.	Volume 10, Issue 1, Pages 1721-1726, 2015.
14	Mr.E. Praveen	Implementation Of	International	ISSN 0973-4562 Volume 10,

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	Kumar	Optimized SRAM Cell Design For High Speed And Low Power Applications	Journal Of Applied Engineering Research(IJAER)	Number 9 , Pp. 24443-24450,2015 (Annexure II) SCOPUS.
15	Mr.E. Praveen Kumar	RF Performanceoftunnel Fetsusing TCAD	International Journal Of Applied Engineering Research(IJAER)	ISSN 0973-4562 Vol. 10 No.53 (2015), ,(Annexure II) SCOPUS.
16	Ms.D.Gowdhami	Implementation Of Optimized SRAM Cell Design For High Speed And Low Power Applications	International Journal Of Applied Engineering Research(IJAER)	ISSN 0973-4562 Volume 10, Number 9 (2015) Pp. 24443-24450,(Annexure II) SCOPUS
17	Mrs.J.Thameema Begum	Design And Implementation Of Reconfigurable ALU For Signal Processing Applications	Indian Journal Of Science And Technology	Vol 9(2), DOI: 10.17485/IJST/2016/V9i2/86343, January 2016
18	Mrs.S.Jalaja	GSM Based Fully Automated Surveillance Ensuring Road Safety And Data Acquisition For Legal Prosecution	International Journal Of Applied Engineering Research ISSN	0973-4562 Volume 10, Number 1 (2015) ,Pp. 145-157.
19	Mrs.S.Krishna kumari	A Review In Human Ingestion Behavior Monitoring System	“” International Journal Of Applied Engineering Research, ISSN	0973-4562 Vol. 10 No.87 (2015).
20	Mr.N.Prabhakaran	RF Performanceoftunnel Fetsusing TCAD	International Journal Of Applied Engineering Research(IJAER)	ISSN 0973-4562 Vol. 10 No.53 (2015), ,(Annexure II) SCOPUS.
21	Mr.N.Prabhakaran	Design And Implementation Of Reconfigurable ALU For Signal Processing Applications	Indian Journal Of Science And Technology	Vol 9(2), DOI: 10.17485/IJST/2016/V9i2/86343, January 2016
22	Ms.G.Sakana	Design And Implementation Of	Indian Journal Of Science And	Vol 9(2), DOI: 10.17485/IJST/2016/V9i2/8634

		Reconfigurable ALU For Signal Processing Applications	Technology	3, January 2016
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ACCEPTANCE

Sl.No	Name Of The Faculty	Journal Name	Journal Title	Issue No.	Index
1	Mrs.N.Duraichi	International Journal of Control Theory and Applications	Maximizing LTE performance through Pre coding with Low Complexity for MIMO Optimization	YES	SCOPUS
2	Mr.S. Sudhakar	Indian Journal of Science and Technology	Border Security and Multi Access Robot Using Embedded System	YES	SCOPUS
3	Mr.E.Praveen Kumar	Indian Journal of Science and Technology	Border Security and Multi Access Robot Using Embedded System	YES	SCOPUS
4	Mr.S.Thiyagarajan	Indian Journal of Science and Technology	Border Security and Multi Access Robot Using Embedded System	YES	SCOPUS
5	Dr.G. Saravana Kumar	Indian Journal of Science and Technology	A Comprehensive Compression and Encryption Scheme for Secured Medical Images Communication	YES	SCOPUS
6	Mr.E. Praveen Kumar	Indian Journal of Science and Technology	A Comprehensive Compression and Encryption Scheme for Secured Medical Images Communication	YES	SCOPUS
7	Mr.S.Thiyagarajan	Indian Journal of Science and Technology	A Comprehensive Compression and Encryption Scheme for Secured Medical Images Communication	YES	SCOPUS

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8	Mr.S.Siva Saravana Babu	Indian Journal of Science and Technology	A Comprehensive Compression and Encryption Scheme for Secured Medical Images Communication	YES	SCOPUS
9	Mr.S. Sudhakar	Indian Journal of Science and Technology	A Comprehensive Compression and Encryption Scheme for Secured Medical Images Communication	YES	SCOPUS
10	Dr.G. Saravana Kumar	Indian Journal of Science and Technology	Design and Implementation of Compact Coax Fed Multi Band MIMO Antenna for 4G Applications	YES	SCOPUS
11	Mr.E. Praveen Kumar	Indian Journal of Science and Technology	Design and Implementation of Compact Coax Fed Multi Band MIMO Antenna for 4G Applications	YES	SCOPUS
12	Mr. S.Thiyagarajan	Indian Journal of Science and Technology	Design and Implementation of Compact Coax Fed Multi Band MIMO Antenna for 4G Applications	YES	SCOPUS
13	Mr.S.Siva Saravana Babu	Indian Journal of Science and Technology	Design and Implementation of Compact Coax Fed Multi Band MIMO Antenna for 4G Applications	YES	SCOPUS
14	Mr.S. Sudhakar	Indian Journal of Science and Technology	Design and Implementation of Compact Coax Fed Multi Band MIMO Antenna for 4G Applications	YES	SCOPUS
15	Mrs.R. Lavanya,	Indian Journal of Science and Technology	White Space Device	YES	SCOPUS

16	Mrs. J.Jenila Rachel	Indian Journal of Science and Technology	White Space Device	YES	SCOPUS
17	Mrs.J.Thameema Begum	Indian Journal of Science and Technology	White Space Device	YES	SCOPUS
17	Mrs S.Jalaja	Indian Journal of Science and Technology	Transient stability of power system containing series and shunt compensator	YES	SCOPUS

2014-2015

Sl.no	Name of the faculty	Journal Title	Journal Name	Issue No.
1	Dr.G.Saravana Kumar	An Energy Spectral Density Computational Scheme For Brain Computer Interface	IJAER (SCOPUS Indexed, Anna University ANNEXURE-II Listed)	Volume 10 , No.8, May 2015
2	Dr.G.Saravana Kumar	Research Issues In Wireless Sensor Networks For Intelligent Transport System	In IJAER (SCOPUS Indexed, Anna University ANNEXURE-II Listed)	Volume 10 , Issue 17
3	Dr.G.Saravana Kumar	Low Power Implementation Of 3-Weight Pattern Generation Based On Accumulator	In IJAER (SCOPUS Indexed, Anna University ANNEXURE-II Listed)	Volume 10 , Issue 4
4	Dr.G.Saravana Kumar	Wi-Fi implementation of Self Accessing Internet of Things	IJAER (SCOPUS Indexed, Anna University ANNEXURE-II listed)	Volume 10 , No.6
5	Dr.G.Saravana Kumar	Brain Computer Interface Based Robot Design	Journal Of Theoretical And Applied Information Technology (Scopus Indexed, Anna University Annexure-Ii Listed)	Vol.72 No.3, Feb 2015
6	Dr.G.Saravana Kumar	Effectively Increasing Speed At Digital Arithmetic Circuits In Built In Self Test With High Security	Ijaer(Scopus Indexed, Anna University Annexure-Ii Listed)	Volume 10 , Issue 6
7	Dr.G.Saravana Kumar	Malicious Node Detection Scheme	Ijaer ((Scopus Indexed, Anna University Annexure-	Vol. 9, No 21, September 2014

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			Ii Listed)	
8	Dr.G.Saravana Kumar	Measurements Of Pattern Identification Accuracy Using Brain Computer Interface Technology For Neurological Disability Patients	Apcee Procedia(Journal Under Elsevier), Science Direct Indexed	October 2014
9	Mrs.N.Duraichi	A Review On Characteristics Of Mimo Systems	International Journal Of Applied Engineering Research	Issn 0973-4562 Vol. 10 No.53 Jan 2015
10	Mr.H K Singh	Short Term Spectrum Trading In Future Lte Based Cognitive Radio Systems	Ksii Transactions On Internet And Information Systems	Volume 9, Issue 1, Pages 34-49 Jan 2015
11	Mr.S.Sivasaravana Babu	An Energy Spectral Density Computational Scheme For Brain Computer Interface	Ijaer (Scopus Indexed, Anna University Annexure-Ii Listed)	Volume 10 , No.8, May 2015
12	Mr.S.Sivasaravana Babu	Brain Computer Interface Based Robot Design	Journal Of Theoretical And Applied Information Technology (Scopus Indexed, Anna University Annexure-Ii Listed)	Vol.72 No.3, Feb 2015
13	Mr.S.Sivasaravana Babu	Measurements Of Pattern Identification Accuracy Using Brain Computer Interface Technology For Neurological Disability Patients	Apcee Procedia(Journal Under Elsevier), Science Direct Indexed	2212-6708, October 2014
14	Mr.S.Sivasaravana Babu	Earlier Detection Of Sinusitis In Breathing Signals Using Tms32050 Processor	World Applied Sciences Journal	Volume And Issue No: 31.10.5829, Page No: 1843 To 1846, Year Of Publication :2014, Issn No: 1818-4952
15	Mrs.Jenila Rachel. J	Analysis Of Security In Body Sensor Networks Using Binary Sequences	International Journal Of Applied Engineering Research	Issn 0973-4562 Volume 9, Number 23 (2014) Pp. 20491-20496
16	Mr.S Sudhakar	An Energy Spectral	IJAER (SCOPUS	Volume 10 , No.8,

		Density Computational Scheme For Brain Computer Interface	Indexed, Anna University ANNEXURE-II Listed)	May 2015
17	Mr.B. Madhusudhana Reddy	Error Compensated Fixed Width Modified Booth Multiplier For Multimedia Applications	Journal Of Theoretical And Applied Information Technology	Vol.70 No.3, Pg No: 451-458. 31st December 2014
18	Mrs.Vaishnavi.P	Error Compensated Fixed Width Modified Booth Multiplier For Multimedia Applications	Journal of Theoretical and Applied Information Technology	Vol.70 No.3, Pg No: 451-458. 31st December 2014
19	Mr.S.Ramkumar	Digital Carrier Communication Over Power Line For Rural Applications	International Journal Of Applied Engineering Research	ISSN 0973-4562 Volume 9, Number 24 -2014 pp. 23701-23706
20	Mr.Prabakaran.N	Error Compensated Fixed Width Modified Booth Multiplier For Multimedia Applications	Journal of Theoretical and Applied Information Technology	Vol.70 No.3, Pg No: 451-458. 31st December 2014

2013-2014

Sl.no	Name of the faculty	Journal Title	Journal Name	Issue No.
1	Dr.G.Saravana Kumar	An Automated Image Segmentation Scheme for Iris Recognition	Published inInternational Journal of Computational Engineering Research	Vol. 3, No. 11, November 2013.
2	Dr.G.Saravana Kumar	Linear Operator based Motion Detection	Published inInternational Journal of Engineering Research and Development	Vol. 9, No. 5, December 2013
3	Mr.S.SivaSaravanaBabu	column decoder using PTL for memory	international organization of scientific research	Volume And Issue No: vol.5,issue 4, Year Of Publication :2013.
5	Mr.S.Ram Kumar	Animatedly	International Journal	ISSN 2249-684x

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		Reconfigurable Fir Filter Design By Constant Shift Elimination Method	Of Electronics, Communication & Instrumentation Engineering Research And Development (Ijecierd)	vol. 3, issue 3, August 2013, 17-24.
6	Mr.S.Ram Kumar	Effective Production Monitoring System For Cnc Machine Using Wireless Data Logger	International Journal Of Industrial Engineering & Technology (Ijiet)	ISSN 2277-4769 Vol.3, Issue 4, Oct 2013, 43-48.
7	Ms.G.Sakana	Enhancing Energy Efficiency of SRAM Through Optimization of SRAM Array Structures	International Journal of Management, Information Technology and Engineering	Volume 2, Issue 4, April, 2014, pp. 61-64.
8	Mrs.S.Jalaja	Real Time System Partition for Multithreading Applications	International Journal of Emerging Science and Engineering (IJESE)	ISSN: 2319-6378, Volume-2, Issue-3, January 2014.
9	Mr.N.Prabhakaran,	Online Internal Fault Identification In Transformers Based On Direction And Location Of Magnetizing Signature Patterns	Journal of Theoretical and Applied Information Technology	Vol. 58 No.3, December 2013

2012-2013

Sl.no	Name of the faculty	Journal Title	Journal Name	Issue No.
1	Mr.B.Madhusudhana Reddy	Restoration of Images Corrupted by High Density Salt & Pepper Noise through Adaptive Median Based Modified Mean Filter	IOSR Journal of Electronics and Communication Engineering (IOSR-JECE)	e-ISSN: 2278-2834,p- ISSN: 2278-8735. Volume 5, Issue 5 (Mar. - Apr. 2013), PP 11-15

**20) Areas of consultancy and income generated:
2012-13**

S.NO	Name Of Research /Consultancy Project	Funding Agency	Name Of Faculty	Amount
1	Data Hiding In Encrypted Message	Chase Technology Avadi	Mr.N.Prabhakaran	30000
2	Adhoc Network for aircraft landing	Blue ship technologies	Mr.S.Sivasaravanababu	50000
3	Monitoring Scheme Based On Android Smart Phone	Apexix Global Network T.Nagar	Mr.G.SathishKumar	35000
4	Vehicle Control Using Brake Throttle Sensor And Servo Actuator Unit	G Tech Solution T.Nagar	Ms.T .Deepa	30000

2013-14

S. No	Name Of Research /Consultancy Project	Funding Agency	Name Of Faculty	Amount
1	Performance Evaluation Methodologies for historical document image binarization	Orchid systems Valasaravakkam	Mr. Sudhakar Mr.S.Sivasaravanababu Mr.Senthil Kumar	225000
2	Design and implementation of Eco-Bot using smart host microcontroller	Chase technology Avadi	Ms Revathy Mrs.Jayasree Mr.Prabhakaran.N	125000
3	Wireless camera monitoring and harmful gas detection system	Pantech solutions T.Nagar	Mr MohanRaj Mr.KalaiMohan Mr.Manimara Boopathy	250000
4	Automotive image tagging using viola johns algorithm	Apexix Nungambakkam	Dr G.Saravana kumar Mr. H.K.Singh Mr.Ramesh	135000
5	FPGA implementation of highly reconfigurable paralalled prefix adder based MAC for DSP applications	Safety and security systems Nungambakkam	Mrs.D.Saraswathy Mrs.N.D.Bobby	250000

2014-15

S.No	Name Of Research /Consultancy Project	Funding Agency	Name Of Faculty	Amount
1	Automatic Temperature controller in powerplant	GTech T.Nagar	Ms. Lavanya Mrs.Jayasree Mrs.Sarumathy	120000
2	Embedded Microcontroller Using GPS as A Security Resources For Disabled People	GTech T.Nagar	Ms.Revathy Ms.Vaishnavi Mrs.S.Jalaja	140000

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3	New Drinking Water Resources with Fiber Plastic Bed Rainwater Harvesting Plants to solve water Scarcity problem	Advantech instruments and services	Dr. J Veerappan Mr.Madhusudhana Reddy Mr.N.Prabhakaran	150000
4	Hospital surveillance using RFID	Safety and security systems Nungambakkam	Dr. J Veerappan Mr.Mohammed Niyas Mr.Sudhakar	150000

2015-2016

S.No	Name Of Research /Consultancy Project	Funding Agency	Name Of Faculty	Amount
1	Animal Detection & Moisture Sensing using DIP & Wireless communication	A.K.S Engineering Pvt.Ltd Padi	Mr.Madhu Sudhana Reddy Mr.Praveen Kumar	100000
2	Human age estimation & alcohol detection for vehicle access	Safety and security systems Nungambakkam	Mr.S.Thiyagarajan Mr.H.K.Singh Mr.Ramkumar	130000
3	Image Copy -Move forgery detection using Affine Transform	Orchid Systems, Valasaravakkam	Ms.Lavanya.R Ms.Gowdhami Ms.Sakana	160000
4	Bone conductive hearing aids	Advantech Instruments And Services, Arumbakkam	Ms.Jenila Rachel Mrs.S.Jalaja Mrs.Thameema	40000
5	Office Automation using VB-Excel Program	A.K.S Engineering Pvt.Ltd Padi,Chennai	Dr.J.Veerapan Mr.Mohammed Niyas	20000
6	Electronic Notice Board Using GSM Technology	A.K.S Engineering Pvt.Ltd Padi,Chennai	Ms.N.Duraichi Ms.SivaPriya Ms.Banupriya	30000

**21) Faculty as members in a)National committee b)International committee
c)Editorial Boards**

S.No	Staff Name	National Committee	International Committee	Editorial Board
1	Dr. Murugesan .K	ISTE,FIE , IETE	ISRD	Nil
2	Dr. Saravana Kumar .G	ISTE	IAENG	Nil
3	Dr.Veerappan .J	WESNET,AMIE	SPIE,USA	Nil
4	Mrs.Krishnakumari.S	Nil	IAENG, IRED	Nil
5	Mr.H.K.Singh	ISTE	Nil	Nil
6	Mrs.Duraichi .N	ISTE	IAENG, UACEE	Nil
7	Mrs.Jalaja .S	Nil	IAENG	Nil
8	Mr.Ramkumar.S	Nil	IAENG	Nil
9	Mr.Prabakaran. N	ISTE	IAENG,UACEE	Nil
10	Mr.Madhu Sudhana Reddy .B	IETE, ISTE	Nil	Nil
11	Mr.Siva Saravana babu .S	ISTE	Nil	Nil
12	Mrs.Thameema Begum.J	Nil	IAENG, IRED	Nil
13	Mrs.Lavanya .R	Nil	IAENG, IRED	Nil
14	Mr.Kalaimohan .T.S	ISTE	Nil	Nil

15	Mr.Sudhakar .S	ISTE	Nil	Nil
16	Mr.Muni Reddy	ISTE	Nil	Nil
17	Mrs.Jenila Rachel .J	Nil	IAENG, IRED	Nil
18	Ms.Gowdhami .D	Nil	IAENG, IRED	Nil
19	Ms. Shanmuga Priya.K	Nil	Nil	Nil
20	Mrs.Vaishnavi .P	Nil	IAENG, IRED	Nil
21	Mr.Praveen Kumar.E	Nil	IAENG, IRED	Nil
22	Mr.Thiyagarajan .S	Nil	IAENG, IRED	Nil
23	Ms.Siva Priya G.S	Nil	IAENG, IRED	Nil
24	Ms.Sakana.G	Nil	IAENG, IRED	Nil

22) Projects

a) Percentage of students who have done In-House projects including inter-departmental/ programme

S.No	Name of the Program	% of students who have done In-House Projects
1	B.E. Electronics and Communication Engineering	87.2%

b) Percentage of students placed for projects in organizations outside the institution i.e in Research laboratories/ Industry/ Other Agencies

S.No	Name	Project Title	Internal Guide Name	Company Name
1	Anju S.A	Secured Routing Using Mpls Vpn	Ms.Sarumathy	BSNL Chennai
	Kaveya T			
2	Deepthi G	Analysis Of Visible Light Communication For Indoor Industrial Applications	Ms. Gowthami	M&S Dept, Hel/Bap, Indira Gandhi Industrial Area, Rani Pet
	Jeevitha B			
3	Barath Kumar.D	Rf Optimization Using Agilant Tool	Mr H K Singh	BSNL Minambakkam
	Swaminathan.V			
	A.L.Gokul Madhav			
4	Pavithra R	Adaptive Sparse Representation Of Video Anomoly	Ms. Banupriya	Chennai Port Trust
	Rajalakshmi S			
	Soundrya R			
5	Raghu Ram M	Automatic Break System For Railway Engine	Dr. J Veerappan	Southern Railway Egmore
	Ajayvishnu S			
	Suryaprakash G			
6	S.Gomathi	Improved Image Qualityassessment For Fake Bio-Metric Detection	Mrs.Jenila	ECIL Alandoor Guindy
	PavithraDevi K			
	Hemalatha B			

23) Awards/ Recognizations received by Faculty and Students

Faculty

S.No	Year	Name of the faculty	Achievement/ Purpose	Name of the Industry/ Institution
1	2015-16	Mr.H.K.Singh	Retention in service Cash of Rs.25,000	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
2	2015-16	Mr.Prabhakaran	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
3	2015-16	Mr.Sudhakar	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
4	2015-16	Mr.Praveen kumar	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
5	2015-16	Mr.Thiyagarajan	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
6	2015-16	Mr.Siva Saravana Babu	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
7	2015-16	Mrs.N.Duraichi	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College

8	2015-16	Mrs.Jennila Rachel	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
9	2015-16	Ms.Gowthami	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
10	2015-16	Ms.Vaishnavi	Appreciation Certificate for outstanding Performance	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College
11	2012-13	Mr.Prabhakaran	Best Result in Satellite Communication	Vel Tech HighTech Dr.Rangarajan Dr.Sakunthala Engineering College

Students

2012 -2013

S.No	Name of the student	Name of the program	Date of the program	Venue	Other information (prize)
1	Rakshana.S	National Conference	06.08.2012	VeltechMultitech Enginnering College	Participation
2	Rakshana.S	National Conference	09.08.2012	Veltech HighTech Enginnering College	Participation
3	Vaidegi	Symposium	18.8.2012	Srikrishna Enginnering College	Participation
4	V.Suganya	Symposium	18.8.2012	Srikrishna Enginnering College	Participation
5	Revathi.N	Symposium	18.8.2012	Srikrishna Enginnering College	Participation

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6	P.Suganya	Symposium	26.3.2012	Rajalakshmi Engineering College	Participation
7	P.Suganya	Symposium	18.8.2012	Srikrishna Engineering College	Participation
8	Vinoth Kumar.R	Symposium	25.8.2012	SSN College of Engineering	Participation
9	Sujithra. B	Symposium	28.08.2012	SSN College of Engineering	Participation
10	B.Sujithra	Symposium	28.08.2012	Rajalakshmi Engineering College	Participation
11	Arun Balaji.P	Symposium	24.08.2012	Velammal Engineering College	Participation
12	M. Jagan	Symposium	17.08.2012	S A Engineering College	Participation
13	Prashanth .M.	Symposium	24.08.2012	Velammal Engineering College	Participation
14	T. Ragavan	Symposium	24.08.2012	Velammal Engineering College	Participation
15	X.Victor Palson	Symposium	24.08.2012	Velammal Engineering College	Participation
16	Chaitanya. I	Symposium	24.08.2012	Velammal Engineering College	Participation
17	P.Shiva	Symposium	24.08.2012	Velammal Engineering College	Participation
18	Ganesh Pandian .M	Symposium	24.08.2012	Velammal Engineering College	Participation
19	K. R Ravi	Symposium	24.08.2012	Velammal Engineering College	Participation
20	M. Kumaresan	Symposium	24.08.2012	Velammal Engineering College	Participation
21	Tamil Karthick .M	Symposium	24.08.2012	Velammal Engineering College	Participation

22	Prabakaran	Symposium	08.09.2012	Velammal Engineering College	I Prize
23	Anamika Tiwari	Symposium	25.08.2012	SSIET	Participation
24	Gokul Madhav A.L	Symposium	29-01-2013	Easwari Engineering College	Participation
25	Sai Maha Lakshmi.G.B	Workshop	09-02-2013	SSN College of Engineering	Participation
26	Thirumaran.M	Workshop	09-02-2013	SSN College of Engineering	Participation
27	G.B Sai Mahalakshmi	Workshop	13-3-2013	College of Engineering Guindy	Participation
28	Devi Shri.T	Symposium	2&3-3-2013	Madras Institute of Technology	Participation
29	Dhanalakshmi.K	Symposium	2&3-3-2013	Madras Institute of Technology	Participation
30	P.Sangeetha	Workshop	13-3-2013	College of Engineering Guindy	Participation
31	S.Sreemathi Radha	Workshop	13-3-2013	College of Engineering Guindy	Participation
32	Anju S.A	Workshop	13-3-2013	College of Engineering Guindy	Participation
33	Kaviya.T	Workshop	13-3-2013	College of Engineering Guindy	Participation
34	S.Nathinila	Workshop	13-3-2013	College of Engineering Guindy	Participation
35	S.Karnika	Workshop	13-3-2013	College of Engineering Guindy	Participation
36	Sriram.T	Workshop	09-03-2013	SSN College of Engineering	Participation

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

37	M.Chandhini	Symposium (Circuit Debugging)	10-03-2013	B.S Abdur Rahman University	Participation
38	M.Chandhini	Symposium (Treasure Hunt)	10-03-2013	B.S Abdur Rahman University	Participation
39	Ashapinto	Symposium (Treasure Hunt)	10-03-2013	B.S Abdur Rahman University	Participation
40	Sriram.T	Workshop	09-03-2013	SSN College of Engineering	Participation
41	Asha Pinto	Workshop	04-04-2013	Velammal Engineering College	Participation
42	T.Vaishali Rajalakshmi	Workshop	10&12-4-2013	College of Engineering Guindy	Participation
43	M.Thirumaran	Workshop	1&2-03-2013	Sri Venkateswara College of Engineering	Participation
44	Nandhini	Workshop	09-04-2013	SSN College of Engineering	Participation
45	V.Suganya	Workshop	10&12-4-2013	College of Engineering Guindy	Participation
46	Nivedha	Workshop	09-04-2013	SSN College of Engineering	Participation
47	S.A Anju	Symbosium (Circuit Debigging)	10-04-2013	Jerusalem College of Engg	Participation
48	S.Nathinila	Symbosium (Circuit Debigging)	10-04-2013	Jerusalem College of Engg	Participation

2013-2014

S. No	Name of the student	Name of the program	Date of the program	Venue	Other information
1	Revathy.N	Workshop	18&19-07-13	Jeppiar Engineering College	Participation
2	Vaithegi.J	Workshop	18&19-07-13	Jeppiar Engineering College	Participation
3	Suganya.V	Workshop	18&19-07-13	Jeppiar Engineering College	Participation
4	Rakshanaa.S	Workshop	18&19-07-13	Jeppiar Engineering College	Participation
5	Dhanasri.S	Workshop	29&30-7-13	Adhiyaman Engineering College	Participation
6	Manikandan.A	Workshop	31-07-13	SSN College of Engineering	Participation
7	Karthikeyan.N	Workshop	31-07-13	SSN College of Engineering	Participation
8	S.Surendar Raja	Workshop	31-07-13	SSN College of Engineering	Participation
9	V.Swaminathan	Workshop	31-07-13	SSN College of Engineering	Participation
10	Aswin Kumar.V	Workshop	31-07-13	SSN College of Engineering	Participation
11	D.Bharath	Workshop	31-07-13	SSN College of Engineering	Participation

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	Kumar				on
12	S.Vijaya Kumar	Workshop	31-07-13	SSN College of Engineering	Participati on
13	A.Mahamm ed Yunus	Workshop	31-07-13	SSN College of Engineering	Participati on
14	G.Arun Prasad	Workshop	31-07-13	SSN College of Engineering	Participati on
15	P.Delhi Ganesh	Workshop	31-07-13	SSN College of Engineering	Participati on
16	D.Franklin	Workshop	31-07-13	SSN College of Engineering	Participati on
17	R.Porchilam bu	Workshop	17&18-7-13	Adhiyaman Engineering College	Participati on
18	V.Gayathri	Workshop	17&18-7-13	Adhiyaman Engineering College	Participati on
19	R.Hamsa Priya	Workshop	17&18-7-13	Adhiyaman Engineering College	Participati on
20	M.Indhumat hi	Workshop	17&18-7-13	Adhiyaman Engineering College	Participati on
21	J.Navamani	Workshop	17&18-7-13	Adhiyaman Engineering College	Participati on
22	D.Bharath Kumar	Workshop	31-7-13	SSN College of Engineering	Participati on
23	Jeevitha.L.	Workshop	27&28-7-13	SRM University	Participati

	V				on
24	Anamika Tinari	Workshop	24-08-2013	Veltech Multitech Engineering College	Participati on
25	R.Manjula	Workshop	24-08-2013	VeltechMultitech Engineering College	Participati on
26	Barath Kumar.D	Workshop	30-08-2013	SSN College of Engineering	Participati on
27	Thirumaran	Workshop	30-08-2013	SSN College of Engineering	Participati on
28	T.Nagaraj	Workshop	30-08-2013	SSN College of Engineering	Participati on
29	G.Gokul	Workshop	30-08-2013	SSN College of Engineering	Participati on
30	Gokul Madhav A.L	Workshop	27-08-2013 & 28-08-2013	SSN College of Engineering	Participati on
31	V.Sarjini	Workshop	06-09-2013 TO 08-09- 2013	VIT University	Participati on
32	S.A Anju	Symposium (Paper Presentatio)	10-08-2013	St.Peters University	Participati on
33	T.Kaviya	Symposium (Paper Presentation)	10-08-2013	St.Peters University	Participati on
34	D.Bharath	Symposium	8&9/10/2013	Cape Institute of Tech	Participati

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	Kumar	(Paper Presentation)			on
35	Asha Pinto	Symposium (Circuit Debugging)	3.10.2013	B.S.Abdur Rahman University	Participati on
36	Siva Kumar.B	Symposium (Paper Presentation)	30-08-2013	SSN College of Engineering	Won
37	V.Suganya	Symposium (Paper Presentation)	31-08-2013	T.J.S College of Engineering	Participati on
38	T.Vaishali Rajakumari	Symposium (Paper Presentation)	05-09-2013 TO 06-09-2013	Adhiyaman College of Engineering	Won(First Place)
39	R.Manjula	Symposium (Paper Presentation)	05-09-2013 TO 06-09-2013	Adhiyaman College of Engineering	Won(First Place)
40	Vaishali Rajakumari	Symposium(Paper Presentation)	28-09-2013	Velammal Institute of Technology	Participati on
41	D.Barath Kumar	Conference	08-10-2013	Veltech HighTech Enginnering College	Participati on
42	Divya.K	Conference	09-06-2013	Magna College of Engineering	Participati on
43	Suganya.V	Conference	09-06-2013	Magna College of Engineering	Participati on
44	Sriram	Symposium (Bugbuster)	03-11-2013	Rajalakshmi Engineering College	Ist Prize
45	Sriram	Symposium (Brain Trekker)	03-11-2013	Rajalakshmi Engineering College	Participati on
46	R.Manjula	Workshop	10&12-4-2014	College of Engineering Guindy	Participati

					on
47	S. Suganya	Workshop	22.03.2014- 23.03.2014	VIT University	Participati on
48	S.Sandhiya	Workshop	22.03.2014- 23.03.2014	VIT University	Participati on
49	Bharath Kumar. D	Symposium	23.01.2014- 25.01.2014	Shree Motilal Kanhaiyalal Fomra Institute of Technology	Participati on
50	Sriram. T	Symposium (Simply Circuits)	29.01.2014- 01.02.2014	College of Engineering, Anna University	Participati on
51	Sriram. T	Symposium (Electro Warriors)	29.01.2014- 01.02.2014	College of Engineering, Anna University	Participati on
52	D. Bharath Kumar	Symposium	22.02.2014	Sri Venkateswara College of Engineering	Participati on
53	S. Gomathy	Symposium	01.03.2014	St. Joseph College of Engineering	Participati on
54	K. Pavithra Devi	Symposium	01.03.2014	St. Joseph College of Engineering	Participati on
55	S.Shanmuga Priya	Symposium (Internet Navigation)	19.03.2014- 20.03.2014	SRM University	I Place
56	Jayakumar. T. L	National Conference	24.03.2014	R.M.K Engineering College	Participati on

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57	Jagan. M	National Conference	24.03.2014	R.M.K Engineering College	Participati on
58	M. Priyadharshi ni	National Conference	20.03.2014	Saveetha Engineering College	Participati on

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S.No	Name of the students	Name of the program	Date of the program	Venue	Other information (prize)
1	M. Allwin Gnanadas	National conference	21.08.2014	Veltech HighTech Enginnering College	Participation
2	K. Venu Madhav	National conference	21.08.2014	Veltech HighTech Enginnering College	Participation
3	P. Muthu Raj	National conference	21.08.2014	Veltech HighTech Enginnering College	Participation
4	S. Suganya	National conference	21.08.2014	Veltech HighTech Enginnering College	Participation
5	Gayathri. S	Workshop	19.07.2014	HCL Technologies	Participation
6	Pavithra. S	Workshop	19.07.2014	HCL Technologies	Participation
7	Ajitha. T	Workshop	19.07.2014	HCL Technologies	Participation
8	Ramya. R	Workshop	19.07.2014	HCL Technologies	Participation
9	Saranya. K	Workshop	19.07.2014	HCL Technologies	Participation
10	Shatish Raj. K	Workshop	19.07.2014	HCL Technologies	Participation

11	R. Bhakiyalakshmi	Workshop	19.07.2014	HCL Technologies	Participation
12	Rajeswari	Workshop	19.07.2014	HCL Technologies	Participation
13	Theeran. D	Workshop	19.07.2014	HCL Technologies	Participation
14	Avinash. S. E	Workshop	19.07.2014	HCL Technologies	Participation
15	S.Gayathri	Workshop	04.09.2014	SSN College of Engineering	Participation
16	S. Premkumar	Workshop	04.09.2014	SSN College of Engineering	Participation
17	V. Rohini	Workshop	04.09.2014	SSN College of Engineering	Participation
18	G. Suganya	Workshop	04.09.2014	SSN College of Engineering	Participation
19	M. Anand	Workshop	04.09.2014	SSN College of Engineering	Participation
20	Santha Lakshmi. S	Workshop	04.09.2014	SSN College of Engineering	Participation
21	S. Sivaranjani	Workshop	04.09.2014	SSN College of Engineering	Participation
22	Theeran. D	Workshop	04.09.2014	SSN College of Engineering	Participation
23	Janaki. S	Workshop	04.09.2014	SSN College of Engineering	Participation
24	Kavitha. A	Workshop	04.09.2014	SSN College of Engineering	Participation
25	Shatish Raj. K	Workshop	04.09.2014	SSN College of Engineering	Participation
26	Sharon Swarupa. B	Workshop	04.09.2014	SSN College of Engineering	Participation
27	Franklin . D Silva	Workshop	04.09.2014	SSN College of Engineering	Participation
28	Sabarinath. D	Workshop	04.09.2014	SSN College of Engineering	Participation

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29	M. Revathy	Workshop	04.09.2014	SSN College of Engineering	Participation
30	Shivakumar. B. R	Workshop	04.09.2014	SSN College of Engineering	Participation
31	Yuvarani. M	Workshop	04.09.2014	SSN College of Engineering	Participation
32	Priyadharshini. R	Workshop	04.09.2014	SSN College Of Engineering	Participation
33	Nila. S	Workshop	04.09.2014	SSN College Of Engineering	Participation
34	Gayathri . V	Workshop	04.09.2014	SSN College of Engineering	Participation
35	R. Bhakiyalakshmi	Workshop	04.09.2014	SSN College of Engineering	Participation
36	Ramya. D	Workshop	04.09.2014	SSN College of Engineering	Participation
37	S. Shanmugapriya	Workshop	04.09.2014	SSN College of Engineering	Participation
38	Priyanka . R	Workshop	04.09.2014	SSN College of Engineering	Participation
39	Keerthana. V	Workshop	04.09.2014	SSN College of Engineering	Participation
40	P. Vaishnavi	Workshop	04.09.2014	SSN College of Engineering	Participation
41	Avinash. S. E	Workshop	04.09.2014	SSN College of Engineering	Participation
42	M. Subramani	Workshop	04-09-2014	SSN College of Engineering	Participation
43	S.Janaki	Workshop	06-09-2014 07-09/14	Madras Institute of Technology Campus	Participation
44	Sabarinath. D	Workshop	06/09/2014 07-09-14	Madras Institute of Technology Campus	Participation
45	Santhosh. R	Workshop	06/09/2014 07/09/14	Madras Institute of Technology Campus	Participation

46	Arunkumar. S. C	Workshop	06/09/2014 07/09/14	Madras Institute of Technology Campus	Participation
47	Suganya. S	Workshop	06/09/2014 07/09/14	Madras Institute of Technology Campus	Participation
48	Sandhiya. S	Workshop	06/09/2014 07/09/14	Madras Institute of Technology Campus	Participation
49	Ch.Himaja	Workshop	30,31.10.2014 01.11.2014	Sree Vidyanikethan Educational trust	Participation
50	M. Anand	Workshop	24.12.2014	Uniq Technologies	Participation
51	L. Vignesh	Workshop	24.12. 2014	Uniq Technologies	Participation
52	C.H. Himaja	Workshop	24.12. 2014	Uniq Technologies	Participation
53	D. Theeran	Workshop	19.12.2014	Uniq Technologies	Participation
54	Malathi. A	Workshop	03.12.2014 04.12.2014	Uniq Technologies	Participation
55	G.Dhivya	Symposium	14.08.2014	Velammal Institute of Technology	Participated
56	R.Deepika	Symposium	14.08.2014	Velammal Institute of Technology	Participated
57	Chandralekha. D	Symposium	14.08.2014	Vel Tech Hightech Enggcollege	Participation
58	Santhalakshmi	Symposium	14.08.2014	Vel Tech Hightech Enggcollege	Participation
59	S. Shanmuga Priya	Symposium	14.08.2014	Vel Tech Hightech Enggcollege	Participation
60	Ramya.D	Symposium	14.08.2014	Vel Tech Hightech Enggcollege	Participation
61	Nagaram Susma	Symposium	14.08.2014	Velammal institute of Technology	Participation
62	K.Sathish Raj	Symposium	11.08.2014	Meenakshi	Participation

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				Sundarajan Engineering College	
63	V.Rohini	Symposium	14.08.2014	Velammal Institute of Technology	Participated
64	Ramya.R	Symposium	14.08.2014	Velammal Institute of Technology	Participated
65	Ramkumar.S	Symposium	11.08.2014	Meenakshi Engineering College	Participation
66	Allwin Gnanadas	Symposium	20.09.2014	TJS Engineering College	Participation
67	Muthuraj .P	Symposium	20.09.2014	TJS Engineering College	Participation
68	Sathish Raj.K	Symposium	20.09.2014	Jaya Engineering College	Participation
69	Sathish Raj.K	Symposium/ Circuit Debugging	20.09.2014	Jaya Engineering College	Participation
70	Karthick G	Symposium	20.09.2014	Jaya Engineering College	Participation
71	Ramkumar.S	Symposium	03.09.2014	SSN College of Engineering	Participation
72	R.Deepika	Symposium	4.09.2014	SSN College of Engineering	Participated
73	S.Santhiya	Symposium	27,28.09.2014	PSG College of Technology	Participated
74	Ch.Himaja	Symposium	30,31.10.2014 01.11.2014	Sree Vidyanikethan Educationaltrust	Participated
75	Yamuna . V	International Conference	5. 04.2015	Jawahar engineering college	Participation
76	V. Gayathri	Worshop	4.01.2015	Uniq technologies	Participation
77	B. Sharon Swarupa	Worshop	4.01.2015	Uniq technologies	Participation
78	Franklin D Silva	Worshop	4.01.2015	Uniq technologies	Participation
79	L. Vignesh	Ethical Hacking	11.06.2015	Microsoft Research	Participation

		Workshop		Community	
80	Bakkiya Lakshmi	Ethical Hacking Workshop	24.05.2015	Microsoft Research Community	Participation
81	B.R. Shivakumar	Ethical Hacking Workshop	11.06.2015	Microsoft Research Community	Participation
82	Malthi	Ethical Hacking Workshop	11.06.2015	Microsoft Research Community	Participation
83	Premkumar. S	Ethical Hacking Workshop	11.06.2015	Microsoft Research Community	Participation
84	Subramani. M	Ethical Hacking Workshop	11.06.2015	Microsoft Research Community	Participation
85	Allwin Gnanadas	Ethical Hacking Workshop	11.06.2015	Microsoft Research Community	Participation
86	Shatish Raj	Ethical Hacking Workshop	12.06.2015	Microsoft Research Community	Participation
87	S.Janaki	Ethical Hacking Workshop	14.02.2015	I 3 India Technologies	Participation
88	S.Sandhiya	Ethical Hacking Workshop	14.02.2015	I 3 India Technologies	Participation
89	R.S Saranya	Workshop	14.03.2015	Vel Tech Multi Tech Engineering College	Participation
90	Sindhiya	Workshop	05.06.2015	Codebind Technologies	Participation
91	Kavitha	Workshop	11.06.2015	Codebind Technologies	Participation

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92	P. Vaishnavi	Workshop	11.06.2015	Codebind Technologies	Participation
93	V. Keerthana	Workshop	11.06.2015	Codebind Technologies	Participation
94	S.Pavithra	Workshop	11.06.2015	Codebind Technologies	Participation
95	D.Ramya	Workshop	11.06.2015	Codebind Technologies	Participation
96	Rukmani. S	Workshop	05.06.2015	Codebind Technologies	Participation
97	Chandralekha	Workshop	11.06.2015	Codebind Technologies	Participation
98	R. Ramya	Workshop	11.06.2015	Codebind Technologies	Participation
99	Janaki . S	Symposium	19.03.2015 20.03.2015	SRM University	Participation
100	Benazir Banu. A	Symposium	19.03.2015 20.03.2015	SRM University	Participation
101	Priyanka . R	Symposium	19.03.2015 20.03.2015	SRM University	Participation
102	S. Shanmuga Priya	Symposium PROBO PAPER	19.03.2015 20.03.2015	SRM University	Participation
103	S. Shanmuga Priya	Cybernav	19.03.2015 20.03.2015	SRM University	Participation
104	S. Suganya	Microblazzer	13, 14, 15 / 02/2015	PSG College of Technology	Participation
105	S. Suganya	Paper Presentation	13, 14, 15 / 02/2015	PSG College of Technology	Participation
106	S. Janaki	Paper Presentation	13, 14, 15 / 02/2015	PSG College of Technology	Participation
107	S. Sandhiya	Paper Presentation	13, 14, 15 / 02/2015	PSG College of Technology	Participation

108	Ramya. D	Paper Presentation	18.03.2015	Tagore Engineering College	Participation
109	Kavitha. A	Paper Presentation	18.03.2015	Tagore Engineering College	Participation
110	Gayathri. S	Paper Presentation	14, 15/03/2015	Madras Institute of Technology	Participation
111	V.Keerthana	Symposium	19,20.03.2015	SRM University	Participation
112	Benazir Banu	Symposium	19,20.03.2015	SRM University	Participation
113	Nagaram Susma	Symposium	11.03.2015	Sasuri Engineering College	Participation
114	Sivaranjani	Project Display	1/03/2015-04/03/2015	College of Engineering, Guindy	Participation
115	G. Suganya	Robohack-15	08.03.2015	Kaashiv Infotech	Participation
116	V. Rohini	Robohack-15	08.03.2015	Kaashiv Infotech	Participation
117	V.Rohini	Probopaper	19,20/03/2015	SRM University	Participation
118	V.Rohini	Internet Navigation	19,20/03/2015	SRM University	I Prize
119	S. Shanmuga Priya	Internet Navigation	19,20/03/2015	SRM University	I Prize

2015 -2016

S. No	Name	Event name	Date	Venue	Other information
1	Jayachandran	Workshop	12.06.2015	Microsoft Research Community	Participation
2	Sivaranjani. S	Workshop	16.07.2015 17.07.2015	Jeppiaar Engineering College	Participation
3	Gayathri. S	Workshop	16.07.2015 17.07.2015	Jeppiaar Engineering College	Participation
3	Malthi . A	Workshop	20.07.2015	Uniq Technologies	Participation

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4	Rajeswari.A	Workshop	20.07.2015	Uniq Technologies	Participati on
5	D. Ramya	Workshop	20.07.2015	Uniq Technologies	Participati on
6	S. Vijayalakshmi	Workshop	20.07.2015	Uniq Technologies	Participati on
7	R.Ramya	Workshop	20.07.2015	Uniq Technologies	Participati on
8	S.Pavithra	Workshop	20.07.2015	Uniq Technologies	Participati on
9	Karunasree	Workshop	9.08.2015	Microsoft Research Community	Participati on
10	Miruthula. A. R	Workshop	9.08.2015	Microsoft Research Community	Participati on
11	M. Karthikeyan	Workshop	9.08.2015	Microsoft Research Community	Participati on
12	K. Tamizharasan	Workshop	9.8.2015	Microsoft Research Community	Participati on
13	Rathi Priya.C	Workshop	16.08.2015	Microsoft Research Community	Participati on
14	K. Shathish Raj	Workshop	9.8.2015	Microsoft Research Community	Participati on
15	Yuvaraja. N	Workshop	9.8.2015	Microsoft Research Community	Participati on
16	Dantu Venkata Sai Eshwar	Workshop	16.08.2015	Microsoft Research Community	Participati on
17	Ramkumar. S	Workshop	9.08.2015	Microsoft Research Community	Participati on
18	Manju. Y	Workshop	16.08.2105	Microsoft Research Community	Participati on
19	Jaya Chandran.M	Workshop	9.8.2015	Microsoft Research Community	Participati on

20	S. Ajit Raj	Workshop	9.8.2015	Microsoft Research Community	Participati on
21	Vaishnavi. S	Workshop	9.08.2015	Microsoft Research Community	Participati on
22	R. Ashok Kumar	Workshop	9.08.2015	Microsoft Research Community	Participati on
23	Kalpana. R	Workshop	9.08.2015	Microsoft Research Community	Participati on
24	Karthick. G	Workshop	9.08.2015	Microsoft Research Community	Participati on
25	M. Praveena	Workshop	9.08.2015	Microsoft Research Community	Participati on
26	X. Josephin	Workshop	9.08.2015	Microsoft Research Community	Participati on
27	S. Saravana Priya	Workshop	9.08.2015	Microsoft Research Community	Participati on
28	Meena. E	Workshop	9.08.2015	Microsoft Research Community	Participati on
29	Saranya. B	Workshop	9.08.2015	Microsoft Research Community	Participati on
30	E. Nandhini	Workshop	9.08.2015	Microsoft Research Community	Participati on
31	Meena. E	Workshop	29.08.2015	SSN College of Engineering	Participati on
32	S. Laxmi Lekha	Workshop	29.08.2015	SSN College of Engineering	Participati on
33	Rathi Priya.C	International Workshop	08.08.2015	ICSA Seminar Hall, Chennai	Participati on
34	Preethi. L	International Workshop	08.08.2015	ICSA Seminar Hall, Chennai	Participati on
35	M. Nithya	International Workshop	08.08.2015	ICSA Seminar Hall, Chennai	Participati on
36	Subi. V	International Workshop	08.08.2015	ICSA Seminar Hall, Chennai	Participati on

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37	C. Raja Yazhini	International Workshop	08.08.2015	ICSA Seminar Hall, Chennai	Participati on
38	S. Anchu Nair	International Workshop	08.08.2015	ICSA Seminar Hall, Chennai	Participati on
39	Reicelin Rani	Workshop	31.08.2015	RMK Engineering College	Participati on
40	S. Manisha	Workshop	31.08.2015	RMK Engineering College	Participati on
41	Thamarai Kannan	National Symposium	18.08.2015	Meenakshi Sundarajan Engineering College	Participati on
42	R. Ashok Kumar	National Symposium	18.08.2015	Meenakshi Sundarajan Engineering College	Participati on
43	Logeswari. K	National Conference	2.09.2015	Vel Tech Engineering College	Participati on
44	C. Rajayazhini	National Conference	2.09.2015	Vel Tech Engineering College	Participati on
45	M. Jeevitha	National Conference	2.09.2016	Vel Tech Engineering College	Participati on
46	Rathi Priya.C	National Conference	2.09.2016	Vel Tech Engineering College	Participati on
47	S. Anchu Nair	Workshop	13.09.2015	Microsoft Research Community	Participati on
48	C. Rajayazhini	Workshop	13.09.2015	Microsoft Research Community	Participati on
49	Preethi. L	Workshop	13.09.2015	Microsoft Research Community	Participati on
50	M. Nithya	Workshop	13.09.2015	Microsoft Research Community	Participati on
51	K. Shathish Raj	Workshop	13.09.2015	Microsoft Research Community	Participati on
52	R. Ashok Kumar	Workshop	11.09.2015 & 12.09.2015	Vel Tech University	Participati on
53	N.	Workshop	07.02.2016	Kaashiv Infotech	Participati

	Manimozhi				on
54	T.Nandhini	Sports (Badminton)	12.02.2016- 14.02.2016	Anna University	Third Position
55	Chandrakanth	NCC Republic Day Camp And Prime Minister Rally	01.01.2016- 29.01.2016	New Delhi	Participati on
56	Dantu Vankata Sai Eshwar	Ncc Republic Day Camp And Prime Minister Rally	01.01.2016- 29.01.2016	New Delhi	Participati on

24. List of eminent academicians and scientist/ visitors to the department

S.No	Date	Academicians and Scientists /Visitor	Designation	Topics Delivered
2015-2016				
1	29-2-2016	Dr.K.Udhaya Kumar	Assistant Professor	Control Systems
2	4-9-2015	Dr..P.Nirmal Kumar	Associate Professor, Annauniversity, Chennai	Electronic Circuits I
3	16-9-2015	Dr.Dhananjaya Kumar	Associate Professor, Annauniversity, Chennai	Digital Signal Processing
4	9-9-2015	Mr.Rajakumar.S	Subdivisional Engineer, Rgmttc,Chennai	Wireless Communication
5	8-10-2015	Mr.MadhusudhanaRao	Director, UG Consultant.	Dsp Design And Algorithms Using Matlab
6	2-8-2015	Mr.S.Narashimhan	Addtl.Chief Engineer BHAVANI, Kalpakkam	Embedded Systems and Advance Communication System

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2014-2015				
1	5-8-2014	Dr.K.Gunaseelan	Assistant Professor, Annauniversity, Chennai	Digital Signal Processing
2	5-8-2014	Dr.P.Nirmal Kumar	Associate Professor, Annauniversity, Chennai	Electronic Circuits I
3	6-8-2014	Mr.M.Ravindran	Sub Divisional Engineer, RGMTC, Chennai	Digital Communication
4	8-8-2014	Mr.V.Sakthivel	Sub Divisional Engineer, RGMTC, Chennai	Wireless Communication
5	13-8-2014	Mr.G.Kanagaraj	Divisional Engineer, Rgmrtc, Chennai	Optical Communication And Networking
6	19-8-2014	Mr.S.Rajakumar	Sub Divisional Engineer, Rgmrtc, Chennai	Signals And Systems
7	21-08-2014	Dr.Ramanavasu,	Scientist'F", Kalpakkam	Embedded Systems and Advance Communication System
2013-2014				
1	20-7-2013	Dr. B. Krishna Kumar	Associate Professor, Anna University, Chennai	Transforms And Partial Differential Equations
2	17-8-2013	Dr. Gunaseelan	Associate Professor, Anna University, Chennai	Digital Signal Processing
3	24-8-2013	Dr. P. Nirmal Kumar	Associate Professor, Anna University, Chennai	Electronic Circuits - I
4	30-9-2013	Dr. Dhananjay Kumar	Associate Professor, Anna University,	Digital Image Processing

			Chennai	
5	21-09-2013	Mr.Pattabirm	TCS accreditation head	Embedded Systems and Advance Communication System
6	9-1-2014	Mr.M.Ravindran	Sub Divisional Engineer, RGMTTC, Chennai	Digital Communication
7	9-1-2014	Mrs.D.Vaidehi	Sub Divisional Engineer, RGMTTC, Chennai	Computer Networks
8	20-1-2014	Mr.T.Senthil Kumar	Sub Divisional Engineer, RGMTTC, Chennai	Antenna And Wave Propagation
2012-2013				
1	21-7-2012	Dr.S.Ragavan	Professor, NIT, Trichy	RF And Microwave Engg
2	21-7-2012	Dr.Dhananjay Kumar	Associate Professor, Annauniversity, MIT, Chennai	Digital Image Processing
3	18-8-2012	Dr.P.Nirmal Kumar	Associate Professor, Annauniversity, Chennai	Electronic Circuits I
4	18-8-2012	Dr.Kamala	Associate Professor, Annauniversity, Chennai	Digital Electronic
5	17-9-2012	N.R.Shankar	Managing director Case Technology pvt.Ltd.	Low power VLSI
6	2-2-2013	Dr.B.Krishna Kumar	Associate Professor, Annauniversity, Chennai	Probability And Random Process
7	2-2-2013	Dr.P.Nirmal Kumar	Associate Professor, Annauniversity, Chennai	Control Systems
8	9-2-2013	Dr.Dhananjay Kumar	Associate Professor,	Antenna And

			Annauniversity,MIT, Chennai	Wave Propagation
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**25 Seminars/Workshops/Conference Organized and source of funding:
Self-Funding National Conference**

S.No	Date	Conference/ Workshop	Funding	Topic
1	2-8-2015	National	Self	Embedded Systems and Advance Communication System
2	21-8-2014	National	Self	Embedded Systems and Advance Communication System
3	21-9-2013	National	Self	Embedded Systems and Advance Communication System
4	17-9-2012	Workshop	Self	Low power VLSI
5	9-3-2012	Workshop	Self	Networking Protocols
6	26-02-2012	National	Self	Embedded Systems and Advance Communication System

26) Student profile programme /course wise

Name of the Course/Programme	Selected	Enrolled		Pass Percentage	Academic year
		M	F		
B.E-E.C.E	93	49	44	70.3	2015-16
	75	31	44	62	2014-2015
	112	71	51	71	2013-2014
	129	59	70	67	2012-2013
	142	78	64	59	2011-2012
	137	80	39	79	2010-2011

*M=Male *F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.E (2015-16)	94.62%	5.37%	-
B.E (2014-15)	94.2%	5.8%	-
B.E (2013-14)	95%	5%	-
B.E (2012-13)	95.4%	4.6%	-
B.E (2011-12)	96.5%	3.5%	-

28. How many students have appeared National and State Competitive exams such as NET, SLET, GATE, CIVIL Services, DEFENCE Services, etc.,:

NIL

29. Student Progression

Student progression	2015-16	2014 -15	2013-14
UG to PG	-	15%	10%
PG to M.Phil.	-	-	-
PG to Ph.D.	-	-	-
Ph.D. to Post-Doctoral	-	-	-
Employed			
• Campus selection	33%	15%	30%
• Other than campus recruitment		45%	50%
Entrepreneurship/Self-employment	-	5%	10%

30. Details of Infrastructure Facility

a) Library



No of books available in Department library: 363

Internet Facility for students and Staffs : Available

b) Classrooms with ICT Facility : 8

c) Laboratories : 12



DSP Lab and VLSI Lab





Microprocessor and Microcontroller Lab

- ❖ Networks Lab
- ❖ Electronic Devices & Circuits Lab
- ❖ Circuits and Devices Lab
- ❖ Digital Lab
- ❖ Linear & Digital Integrated Circuits Lab
- ❖ Optical Communication Lab
- ❖ Microwave Lab
- ❖ Digital Communication Lab
- ❖ Communication Systems Lab
- ❖ Networks Lab
- ❖ Microprocessor and Microcontroller Lab
- ❖ DSP Lab and VLSI Lab

S.NO	ELECTRONIC DEVICES & CIRCUITS LAB	QUANTITY
	COMPONENT	
1	CRO	20
2	DIGITAL MULTI METER	15
3	FG (3MHZ)	13
4	DUAL RPS	19
5	DRB	8
6	DCB	8
7	DIB	8
8	DC VOLTMETER	45
9	DC AMMETER	103
10	MULTI O/P RPS	8
11	RPS (0-300V)	1
12	AC AMMETER	1
13	AC VOLTMETER	1
14	AUDIO OSCILLATOR	8
15	GALVANOMETER	1
16	DIGITAL LCR METER	1
17	AUDIO OUTPUT POWER METER	1
18	FG (2MHZ)	7
19	RPS (3 O/P)	6
20	COMPUTER	15
21	ANALOG MULTIMETER	2
22	SMPS	1
23	PLC TRAINER KIT	6
24	PROCESS CONTROL TIMER	1
25	WIRELESS MODEM	1
26	MICRO CONTROLLER TRAINER KIT	6
27	TMS 320C 5416 KIT	5

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

S.NO	CIRCUITS & DEVICES LAB	QUANTITY
	COMPONENT	
1	VOLTMETER	44
2	AMMETER	37
3	DECODE CAPACITANCE BOX	10
4	DECODE INDUCTANCE BOX	10
5	DECODE RESISTANCE BOX	10
6	RPS(0-30)V	13
7	RPS(0-50)V	2
8	FG(3MHZ)	10
9	CRO 30MHZ	15
10	DIGITAL MULTIMETER	15
11	RPS(0-5)V	2

S.NO	DIGITAL LAB	QUANTITY
	COMPONENT	
1	TRAINER KIT	17
2	MULTI RPS	5
3	DIGITAL MULTI METER	5
4	PROJECTOR SCREEN WALL MOUNTED	6
5	IC TESTER	5
6	RPS	6
7	DIGITAL MULTIMETER	10
8	DUAL RPS	15
9	FUNCTION GENERATOR 3MHZ	5

S.NO	LINEAR & DIGITAL INTEGRATED CIRCUITS LAB	QUANTITY
	COMPONENT	
1	ANALOG TRAINER KIT	4
2	TRAFIC LIGHT CONTROL	2
3	VDU/VCRO	2
4	7 SEGMENT LED DISPLAY	5
5	8279 INTERFACE KIT	1

6	8259 INTERFACE KIT	1
7	8257 INTERFACE KIT	1
8	8251INTERFACE KIT	1
9	8255 INTERFACE KIT	1
10	FRC CABLE	5
11	50 PIN	3
12	STEPPER MOTOR	1
13	STEPPER MOTOR INTERFACING	3
14	ADC/DAC INTERFACE	1
15	DIGITAL IC TRAINER KIT	5
16	8085 BASED MICROPROCESSOR TRAINER KIT	3
17	A/D &D/A CONVERTER INTERFACE	3
18	KEYBOARD INTERFACE MODULE	3
19	DMA INTERFACE 8257	3
20	PIC 8259 INTERFACING	3
21	SERIAL INTERFACE 8251	3

LIC Lab		
S.NO	COMPONENT	QUANTITY
1	CRO	8
2	TRAINER KIT	9
3	MULTI RPS	12
4	RESISTANCE BOX	10
5	ANALOG IC TESTER	2
6	FG	6
7	DIGITAL IC TESTER	1

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

S.NO	OPTICAL COMMUNICATION LAB	QUANTITY
	COMPONENT	
1	LED MOUNTED SOURCE WAVELENGTH E-96 660NM	1
2	LED MOUNTED SOURCE WAVELENGTH E-91D 870NM	6
3	OPTICAL POWER METER	1
4	PLASTIC FIBER	6
5	SINGLE MODE GLASS FIBER	5
6	GLASS FIBER PATCH	1
7	MULTIMODE GLASS FIBER	5
8	OPTICAL POWER METER	3
9	ADVANCE FIBER OPTIC TRAINER KIT	2
10	MUX AND DEMUX TRAINER	2
11	OPTICAL POWER SOURCE	2
12	FIBER OPTIC POWER METER	2
13	FIBER OPTIC TRAINER KIT LINK A	1
14	FIBER OPTIC TRAINER KIT LINK B	1
15	FIBER OPTIC TRAINER KIT LINK C	1
16	LASER TRAINER KIT LINK E	2
17	MODE CHARACTERISTICS OF SM FIBER	1
18	COUPLING FIBERS TO SEMICONDUCTOR SOURCE	1
19	DIGITAL IC TRAINER KIT	5
20	MULTIMODE FIBER ST CONNECTOR(100M)	1
21	MULTIMODE FIBER ST CONNECTOR(500M)	1
22	MULTIMODE FIBER ST CONNECTOR(1000M)	1
23	NETWORK ANALYSER	1

24	MICROSTRIP TRAINER SYSTEM	1
25	850NM LED MODULE	3
26	850NM PIN PHOTODIODE MODULE	2
27	PULSE GENERATOR	1
28	CURRENT STEBILIZED SOURCE	3

S.NO	MICROWAVE LAB	QUANTITY
	COMPONENT	
1	MICROWAVE TESTBENCH(X-BAND)	3
2	MICROWAVE TESTBENCH(J-BAND)	1
3	GUNN POWER SUPPLY	3
4	RADIATION PATTERN TURN TABLE	1
5	MULTIPLE DIRECTION COUPLER	1
6	DIRECTIONAL COUPLER	1
7	MICROWAVE POWER METER	3
8	KLYSTRON POWER SUPPLY	3
9	KLYSTRON TUBE	6
10	VSWR METER	5
11	UNIVERSAL WAVEGUIDE STAND	20
12	ISOLATOR	5
13	VARIABLE ATTENUATOR	5
14	FIXED ATTENUATOR	4
15	FREQUENCY METER	3
16	SLOTTED SECTION	2
17	DETECTOR MOUNT	3
18	MATCHED TERMINATION	7
19	MOVABLE SHORT	3
20	SLIDE SCREW TUNER MICROMETER	1

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21	HORN ANTENNA	2
22	KLYSTRON MOUNT	3
23	REFLEX KLYSTRON OSCILLATOR	6
24	MAGIC TEE	2
25	E PLANE TEE	2
26	H PLANE TEE	2
27	PIN MODULATOR	1
28	DIRECTIONAL COUPLER	2
29	CIRCULATOR	1
30	LED 870NM DIAGRAM	3

S.NO	DIGITAL COMMUNICATION LAB	QUANTITY
	COMPONENTS	
1	SIGNAL SAMPLING AND RECONSTRUCTION KIT	1
2	AMPLITUDE MODULATION AND DEMODULATION KIT	1
3	FREQUENCY MODULATION AND DEMODULATION KIT	1
4	PULSE CODE MODULATION AND DEMODULATION KIT	1
5	DELTA AND ADAPTIVE DELTA MODULATION AND DEMODULATION KIT	1
6	BFSK MODULATION AD DEMODULATION KIT	1
7	BPSK MODULATION AND DEMODULAION KIT	1
8	DIGITAL MULTIMETER	5

S.NO	COMMUNICATION SYSTEM LAB	QUANTITY
	COMPONENT	
1	AMPLITUDE MODULATION AND DEMODULATION KIT	1

2	AMRX CHARACTERISTICS RECEIVER BOX	2
3	AM TRANSMITTER BOX	1
4	AM RECEIVER KIT	1
5	FREQUENCY MODULATION AND DEMODULATION KIT	1
6	FM TRANSMITTER KIT	1
7	FM RECEIVER KIT	1
8	PLL AND FREQUENCY SYNTHESISER	1
9	PULSE MODULATION(PAM,PPM,PWM)	1
10	ANALOG SIGNAL SAMPLING KIT	1
11	TIME DIVITION MULTIPLEXING KIT	1
12	TDM TRAINER KIT	1
13	LINE CODING AND DECODING TRAINER KIT	1
14	LINE CODING KIT AND ASK,PSK,FSK MODULATION KIT	2
15	DIGITAL MODULATION PSK TX &RX TRAINER KIT	1
16	ASK AND FSK TX AND RX TRAINER KIT	1
17	ASK MODULATIO9N AND DEMODULATION TRAINER KIT	1
18	FSK MODULATIO9N AND DEMODULATION TRAINER KIT	1
19	PULSE CODE MODULATION AND DEMODULATION KIT	1
20	PCM TRAINER KIT	2
21	NOISE GENERATOR AND ERROR BIT GENERATOR TRAINER KIT	1
22	FREQUENCY COUNTER	2
23	DIGITAL MODULATION QPSK TX & RX	1

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

24	QPSK MODULATON KIT	1
25	QPSK DEMODULATON KIT	1
26	DC REGULATOR MULTI OUTPUT POWER SUPPLY	4
27	MICRONET DC REGULATED POWER SUPPLY	6
28	RF OSCILLATOR	3
29	DECADE INDUCTANCE BOX	10
30	2MHZ FUNCTION PULSE GENERATOR	7
31	DELTA AND ADAPTIVE DELTA AND SIGMA MOD/DEMOMOD TRAINER KIT	1
32	DELTA MODULATION KIT	1
33	PAM-PPM-PWM MOD/DEMOMOD TRAINER KIT	1
34	PAM-PPM-PWM MOD/DEMOMOD TRAINER KIT	1
35	OSCILLASCOPE	10
36	ANTENNA TRAINER BASE UNIT	1
37	RF APPLICATION DESIGN TRAINER	1
38	DIGITAL STORAGE OSCILL OSCOPE	2
39	ANTENNA TRAINER WITH MOTORIZED ROTATING UNIT ANTENNA	1
40	RF SOURCE	2
S.NO	MICROPROCESSOR & MICROCONTROLLER	QUANTITY
	COMPONENT	
1	8051 MICRO CONTROLLER 51 LED TRAINER KIT	15
2	8085 TRAINER KIT LED	15
3	8085 LCD TRAINER KIT	15
4	8086 TRAINER KIT	25
5	AC MOTOR CONTROLLES	1
6	DC MOTOR CONTROLLER	1

7	DC MOTOR SPEED MEASUREMENT	6
8	DC MOTOR INTERFACE	18
9	COMPUTER BASED DATA ACQUISITION TRAINER	2
10	LVDT POSITION TRAINER	1
11	STEPPER MOTOR CONTRLLER TRAINER	2
12	STEPPER MOTOR CONTRLLER TRAINER WITH MOTOR	3
13	STEPPER MOTOR INTERFACE BOARD	20
14	PC BASED TEMPRATURE CONTROL SYSTEM	2
15	KEY BOARD AND DISPLAY INTERFACE BOARD	7
16	KEY BOARD AND DISPLAY CONTROLLER	18
17	DIGITAL TO ANALOG INTERFACE BOARD	25
18	ANALOG TO DIGITAL CONTROLLER BOARD	20
19	8251 & 8253 INTERFACE BOARD	6
20	8259 INTERFACE BOARD	5
21	8255 INTERFACE BOARD	3
22	8255 INTERFACE BOARD	2
23	FDC INTERFACE BOARD	2
24	HARD DISK INTERFACE	2
25	TRAFFIC LIGHT CONTROL STSTEM	5
26	TRAFFIC LIGHT CONTROL INTERFACE MODULE	3
27	8255 TRAFFIC LIGHT CONTROLLER	17
28	CPU TRAINER MODULE	2
29	IAR WORK BENCH FOR 8051	1

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

30	8254 TIMER COUNTER	5
31	UNIVERSAL ADD ON MODULE	5
32	CRO DUAL TRACE	10
33	FUNCTION GENERATOR	10
34	MULTIMETER DIGITAL MODULE 8306	20
35	COMPUTER	30
36	MICRO CONTROLLER TRAINER 8051	15
37	DIGITAL CLOCK INTERFACE	5
38	PRINTER INTERFACE	5

S.NO	DSP LAB	QUANTITY
	COMPONENT	
1	CRO 30MHZ	15
2	MICRO 5416 TRAINER KIT	3
3	MICRO-33 TRAINER KIT	2
4	MICRO-50LC	5
5	DSP LAB SOFT WARE	1
6	SPECTRUM ANALYAER	1
7	DIGITAL IC TRAINER KIT	5
8	MULTI OUTPUT POWER SUPPLY	2
9	DUAL POWER SUPPLY	4
10	FUNCTION GENERATOR	20
11	MICRO VSK 5416 TRAINER KIT	12
12	MAT LAB	1
13	ANALOG TO DIGITAL IC TESTER	1
14	NETWORKING (LAN)	1

S.NO	VLSI LAB	QUANTITY
	COMPONENT	
1	FPGA KIT	15
2	TRAFFIC LIGHT CONTROLLER	8
3	RTC BOARD	7
4	FRC CABLE	10
5	TANNER TOOL PRD	1
6	MENTOR SOFTWARE	1

S.NO	NET WORK LAB	QUANTITY
	COMPONENT	
1	MULTI SERVER ACCESS GATEWAY CISCO 1841 10/100 BASE MODULATOR	1
2	LAN CABLE	6
3	STRIGHT CABLE	6
4	SERIAL CABLE	2
5	LTS 01 LAN TRAINER	3
6	DATA COMMUNICATION TRAINER	2
7	WIRELESS LAN TRAINER KIT	2
8	SERIAL TO SERIAL PART CABLE	6
9	PARALLEL TO PARALLEL PORT	6

31. Number of students receiving financial assistants from College, University, Government, or other agencies

Academic year	First graduate	BC	MBC	SC
2014-2015	31	19	5	7
2013-2014	52	17	8	13
2012-2013	44	30	17	6
2011-2012	45	13	9	9

**32. Details on student enrichment programmes (Special lectures/
Workshops /Seminars) with external experts**

S.No	Date	Guest Name	Designation	Topic
1	29/2/16	Dr.K.Udhaya Kumar	Assistant Professor	Control Systems
2	4/9/15	Dr..P.Nirmal Kumar	Associate Professor, Annauniversity, Chennai	Electronic Circuits I
3	16/9/15	Dr.Dhananjaya Kumar	Associate Professor, Annauniversity, Chennai	Digital Signal Processing
4	9/9/15	Mr.Rajakumar.S	Subdivisional Engineer, RGMTC,Chennai	Wireless Communication
5	8/10/15	Mr.MadhusudhanaRao	Director,UG Consultant.	Dsp Design And Algorithms Using Matlab
6	2/8/15	Mr.S.Narashimhan	Addl.Chief Engineer BHAVANI, Kalpakkam	Embedded Systems and Advance Communication System
7	5/8/14	Dr.K.Gunaseelan	Assistant Professor, Annauniversity, Chennai	Digital Signal Processing
8	5/8/14	Dr.P.Nirmal Kumar	Associate Professor, Annauniversity, Chennai	Electronic Circuits I
9	6/8/14	Mr.M.Ravindran	Sub Divisional Engineer, RGMTC, Chennai	Digital Communication
10	8/8/14	Mr.V.Sakthivel	Sub Divisional Engineer, RGMTC, Chennai	Wireless Communication

11	13/8/14	Mr.G.Kanagaraj	Divisional Engineer, RGM TTC, Chennai	Optical Communication And Networking
12	19/8/14	Mr.S.Rajakumar	Sub Divisional Engineer, RGM TTC, Chennai	Signals And Systems
13	21/08/14	Dr.Ramanavasulu,	Scientist" F", Kalpakkam	Embedded Systems and Advance Communication System
14	20/7/13	Dr. B. Krishna Kumar	Associate Professor, Anna University, Chennai	Transforms And Partial Differential Equations
15	17/8/13	Dr. Gunaseelan	Associate Professor, Anna University, Chennai	Digital Signal Processing
16	24/8/13	Dr. P. Nirmal Kumar	Associate Professor, Anna University, Chennai	Electronic Circuits - I
17	30/9/13	Dr. Dhananjay Kumar	Associate Professor, Anna University, Chennai	Digital Image Processing
18	21/09/13	Mr.Pattabiram	TCS accreditation head	Embedded Systems and Advance Communication System
19	9/1/14	Mr.M.Ravindran	Sub Divisional Engineer, RGM TTC, Chennai	Digital Communication
20	9/1/14	Mrs.D.Vaidehi	Sub Divisional Engineer, RGM TTC, Chennai	Computer Networks
21	20/1/14	Mr.T.Senthil Kumar	Sub Divisional Engineer, RGM TTC, Chennai	Antenna And Wave Propagation
22	21/7/12	Dr.S.Ragavan	Professor, NIT, Trichy	RF And Microwave Engg

23	21/7/12	Dr.Dhananjay Kumar	Associate Professor, Annauniversity,Mit, Chennai	Digital Image Processing
24	18/8/12	Dr.P.Nirmal Kumar	Associate Professor, Annauniversity,Chennai	Electronic Circuits I
25	18/8/12	Dr.Kamala	Associate Professor, Annauniversity,Chennai	Digital Electronic
26	17/9/12	N.R.Shankar	Managing director Case Technology Pvt.Ltd.	Low power VLSI
27	2/2/13	Dr.B.Krishna Kumar	Associate Professor, Annauniversity, Chennai	Probability And Random Process
28	2/2/13	Dr.P.Nirmal Kumar	Associate Professor, Annauniversity, Chennai	Control Systems
29	9/2/13	Dr.Dhananjay Kumar	Associate Professor, Annauniversity, Chennai	Antenna And Wave Propagation

33. Teaching methods adopted to improve students learning

- ❖ NPTEL Videos
- ❖ Slip tests
- ❖ Retests
- ❖ Student's Interaction
- ❖ Power point presentation
- ❖ Industrial visit
- ❖ Guest lecture's and Seminar

Participation in Institutional Social Responsibility (ISR) and Extension activities

Being a teacher we are socially responsible in making the oath “RIGHT OF EDUCATION TO ALL” true. So we collected funds and submitted it to government to build a school in our local place. (Veerapuram)

34. SWOC analysis of the department and Future plans

S.No	Strengthens
1	Free arrangement of research works and education with industries or enterprises
2	Regular interaction with students and parents
3	Maintaining Student Development Progression record for students progression
4	Infrastructure with well-equipped labs
5	Consistent visits and lectures by eminent academicians
6	Dedicated and efficient Faculty members
7	We have an intake of 120 students per batch
8	Campus Diversity
9	Regular Alumni interaction and Development Programs

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

S.No	Opportunities
1	Funds from various government agencies
2	Research guides are available
3	Various approaches are followed for teaching and guiding methodologies

S.No	Weakness
1	Limited resources for faculty and staff development
2	Unequal workload for faculty & staff

S.No	Challenges
1	Increasing attentiveness on R & D and Innovation to students
2	Maintaining academic quality
3	Fulfillment to students based on their requirements

1. **Name of the department:** Electrical and Electronics Engineering

2. **Year of Establishment:** 2008

3. **Names of Programmes / Courses offered:**

S.No.	Level	Degree	Name of the Course
1	U.G.	B.E.	Electrical and Electronics Engineering Started in 2008, with intake 60 AICTE File No:730-52-447(E)/ET/2002 Affiliated to Anna University Chennai.

4. **Names of Interdisciplinary courses and the departments / units involved:**

S. No.	Semester	Subject code	Subject name	Department handled
1	III	MA6351	Transforms and Partial Differential Equations	S&H
2	III	GE6351	Environmental Science and Engineering	S&H
3	III	EC6202	Electronic Devices and Circuits	ECE
4	IV	MA6459	Numerical Methods	S&H
5	IV	CS6456	Object Oriented Programming	CSE/IT
6	IV	CS6461	Object Oriented Programming Laboratory	CSE/IT
7	V	GE6563	Communication Skills - Laboratory Based	S&H
8	VI	EC6651	Communication Engineering	CSE
9	VII	MG6851	Principles of Management	MBA

5. Annual/ semester/choice based credit system (programme wise)

S.No.	Degree	Courses Offered	System followed
1	B.E.	Electrical and Electronics Engineering	Semester based credit system

6. Participation of the department in the courses offered by other departments

Sl.No.	Semester	Name of the Course	Course offered to the department
1	I	GE6162-Engineering Practices Laboratory	MECH/ECE/CSE/IT/ CIVIL/CHEMICAL/ BIOTECH
2	II	GE6252-Basic Electrical and Electronics Engineering	MECH/CHEMICAL/ CSE/CIVIL
3	II	EE6305-Electrical circuits Laboratory	ECE
4	III	EE6351-Electrical Drives and Control	MECH/CHEMICAL
5	III	EE6365- Electrical Engineering Laboratory	MECH
6	III	EE6352- Electrical Engineering and Instrumentation	ECE
7	IV	EE6461- Electrical Engineering and Control System Laboratory	ECE

7. Courses in collaboration with other universities, industries, foreign institutions, etc. -

NIL

8. Details of courses/programmes discontinued (if any) with reasons

NIL

9. Number of teaching posts:

Post	Sanctioned	Filled
Professors	1	1
Associate Professors	2	1
Asst. Professors	9	11

10. Faculty profile with name, qualification, designation, specialization:

Sl.No	Name	Qualification	Designation	Specialization	No. Of Years Of Experience	No. Of Ph.D.Students Guided For The Last 4 Years
1.	Dr.S.Harshavardhan Naidu	M.E., Ph.D	Associate Professor	Applied Electronics	6	NIL
2.	Dr.K.Kumarasmy	M.E., Ph.D	Professor	Power System	9	NIL
3.	Mr.Pradeep Katta	M.E.	Assistant Professor	Embedded Systems and Technologies	4.5	NA
4.	Mr.R.Ezhilarasu	M.E.	Assistant Professor	Embedded Systems and Technologies	4.5	NA
5.	Mr.K.R.Sugavanam	M.E., (Ph.D)	Associate Professor	Power Electronics and Drives	9	NA
6.	Mr.R.Senthil Kumar	M.E., (Ph.D)	Assistant Professor	Power Electronics and Drives	6.5	NA

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

7.	Mrs.V.Tamilmullai	M.E.	Assistant Professor	Power Systems	4.5	NA
8.	Mr.T.Ramesh Kumar	M.E.,(Ph.D)	Assistant Professor	Embedded Systems and Technologies	4.6	NA
9.	Mr.A.Mutharasan	M.E.,(Ph.D)	Assistant Professor	Power Electronics and Drives	3.5	NA
10.	Mr.S.Sri Krishna Kumar	M.E.,(Ph.D)	Assistant Professor	Power Electronics and Drives	3.5	NA
11.	Mrs.R.Suguna	M.E.	Associate Professor	Power Electronics and Drives	8.8	NA
12.	Mr. A.Mohammed Ovaiz	M.E.	Assistant Professor	Power Electronics and Drives	6.0	NA
13.	Mrs. P.Aswini	M.E.	Assistant Professor	Power Electronics and Drives	0.1	NA

11. List of senior visiting faculty

NIL

12. Percentage of lectures delivered and practical classes handled by temporary faculty

NIL

13. Student -Teacher Ratio

Sl.No.	Programme	Student	Teacher	Student - Teacher Ratio
1	B.E.	169	13	13:1

14. Number of Academic support staff (technical) and administrative staff; sanctioned and filled

Sl.No.	Post	Sanctioned	Filled
1	Technical Staff	2	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Sl.No	Name	Qualification
1.	Mr.Pradeep Katta	M.E.
2.	Dr.S.Harshavardhan Naidu	M.E., Ph.D
3.	Dr.K.Kumarasmy	M.E., Ph.D
4.	Mr.R.Ezhilarasu	M.E.
5.	Mr.K.R.Sugavanam	M.E., (Ph.D)
6.	Mr.R.Senthil Kumar	M.E., (Ph.D)
7.	Mrs.V.Tamilmullai	M.E.
8.	Mr.T.Ramesh Kumar	M.E.,(Ph.D)
9.	Mr.A.Mutharasan	M.E.,(Ph.D)
10.	Mr.S.Sri Krishna Kumar	M.E.,(Ph.D)
11.	Mrs.R.Suguna	M.E.
12.	Mr. A.Mohammed Ovaiz	M.E.
13.	Mrs. P.Aswini	M.E.

16. Number of faculty with ongoing projects from

- a) National - NIL
- b) International funding agencies and grants received - NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

NIL

18. Research Centre /facility recognized by the University

NIL

19. Publications:

1. Faculty: Academic year: 2015-16

Sl.No	Author	Title of paper	Vol. No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Mr.R. Senthil Kumar	Analysis of Pulse width Modulation Control and Digital Control Approach for Assymmetric DC-AC H-Bridge Multilevel Inverter Cascade	Vol. 10, No. 16, pg. no.6863 - 6869, Sep 2015	ARPN journal of engineering and applied science	0.21
2	Mr.K R .Sugavanam	Analysis of Pulse width Modulation Control and Digital Control Approach for Asymmetric DC-AC H-Bridge Multilevel Inverter Cascade	Vol. 10, No. 16, pg. no.6863 - 6869, Sep 2015	ARPN journal of engineering and applied science	0.21
3	Mr.K.R.Sugavanam	Forensic Photogrammetric Analysis For Photo and Photo Scanned Images using Wavelet Transformation	Vol.10, No.17, pg no. 13083-13088, 2015	International Journal of Applied Engineering Research	0.14
4	Mr.R.Senthil Kumar	Novel Fully Automated Microcontroller Controlled Cloth Drying System under Direct Sun	Vol 9,No.2, DOI: 10.17485/ijst/2016/v9i2/86355, Jan 2016	Indian Journal of Science and Technology	1.3

5	Mr.K.R.Sugavana m	Novel Fully Automated Microcontroller Controlled Cloth Drying System under Direct Sun	Vol 9,No.2, DOI: 10.17485/ijst/2016 /v9i2/86355, Jan 2016	Indian Journal of Science and Technology	1.3
6	Mr.S.Sri Krishna Kumar	Novel Fully Automated Microcontroller Controlled Cloth Drying System under Direct Sun	Vol 9,No.2, DOI: 10.17485/ijst/2016 /v9i2/86355, Jan 2016	Indian Journal of Science and Technology	1.3
7	Mr.R Ezhil Arasu	Novel Fully Automated Microcontroller Controlled Cloth Drying System under Direct Sun	Vol 9,No.2, DOI: 10.17485/ijst/2016 /v9i2/86355, Jan 2016	Indian Journal of Science and Technology	1.3
8	Mr.R.Senthil Kumar	Fuzzy Logic and Firefly Algorithm based Hybrid System for Energy Efficient Operation of Three Phase Induction Motor Drives	Vol 9,No1, DOI: 10.17485/ijst/2016 /v9i1/85762, Jan 2016	Indian Journal of Science and Technology	1.3
9	Mr.K.R.Sugavana m	Fuzzy Logic and Firefly Algorithm based Hybrid System for Energy Efficient Operation of Three Phase Induction Motor Drives	Vol 9,No1, DOI: 10.17485/ijst/2016 /v9i1/85762, Jan 2016	Indian Journal of Science and Technology	1.3
10	Mr.S.Sri Krishna Kumar	Modeling and Analysis of Multiple Output Inverter	VOL. 11, NO. 3,pg 2056- 2060 FEB 2016	ARNP journal of engineering and applied science	0.21

Academic year: 2014-2015

Sl.No	Author	Title of paper	Vol. No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Mr.Mutharasan .A	Wind Energy Conversion Based on Matrix Converter	Vol. 5, No. 1, pp. 119-12 July 2014	International Journal of Power Electronics and Drive System (JPEDS)	0.13
2	Mr.Rameshkum ar T	Wind Energy Conversion Based on Matrix Converter	Vol. 5, No. 1, pp. 119-12 July 2014	International Journal of Power Electronics and Drive System (JPEDS)	0.13
3	Mr.K.Kumarasa my	Cost Effective Solution for Optimal Placement and Size of Multiple STATCOM using Particle Swarm Optimization	Vol. 67 No.3 pp 701-708 30 Sept 2014	Journal of Theoretical and Applied Information Technology	0.34
4	Mr.S.Sri Krishna Kumar	Novel Vigilant Real Time Monitoring and Security System for ATM Centre	Vol. 67 pp 170-176 10 Sept 2014	Journal of Theoretical and Applied Information Technology	0.34
5	Mr.R.Senthil Kumar	Novel Vigilant Real Time Monitoring and Security System for ATM Centre	Vol. 67 pp 170-176 10 Sept 2014	Journal of Theoretical and Applied Information Technology	0.34
6	Mr.K.R.Sugava nam	Novel Vigilant Real Time Monitoring and Security System for ATM Centre	Vol. 67 pp 170-176 10 Sept 2014	Journal of Theoretical and Applied Information	0.34

				Technology	
7	Mr.Pradeep Katta	PID Control of SAPF for Elimination of Harmonics in Power System Based on DQ Reference Frame Theory	Vol. 326 pp 679-687 20 Nov 2014	Lecture Notes in Electrical Engineering	0.198
8	Mr.Mutharasan A	Analysis of Power Quality Improvement in Matrix Converter for WEC System	Vol. 9, 11365-11372 2014	International Journal of Applied Engineering Research	0.14
9	Mr.Rameshkumar T	Analysis of Power Quality Improvement in Matrix Converter for WEC System	Vol. 9, 11365-11372 2014	International Journal of Applied Engineering Research	0.14
10	Mrs.deepthi Joseph	A Novel Reference Current Generation Algorithm for Three Phase Shunt Active Power Filter	Vol. 326 pp 1467-1475 20 Nov 2014	Lecture Notes in Electrical Engineering	0.198
11	Mr.K.Kumarasamy	Cost Effective Solution for Optimal Placement and Parameter Setting of Multiple UPFC using Particle Swarm Optimization	Vol. 69 No.1 pp 16-24, 10 Nov 2014	Journal of Theoretical and Applied Information Technology	0.34

12	Mr.K.Kumarasamy	Cost Effective Solution for Optimal Placement and size of Multiple FACTS Using Particle Swarm Optimization	Vol. 67 No.3 pp 701-708 30 Sept 2014	International Journal of Applied Engineering Research	0.14
13	Mr.S.Sri Krishna Kumar	Design of FLC for OVR Reduction of Negative Output KY Converter	Vol. 9, No 24 pp. 23689-23699(2014)	International Journal of Applied Engineering Research	0.14
14	Mr.R.Senthil Kumar	Design of FLC for OVR Reduction of Negative Output KY Converter	Vol. 9, No 24 pp. 23689-23699(2014)	International Journal of Applied Engineering Research	0.14
15	Mr.R.Senthil Kumar	A PSO Algorithm Based PI Controller Design for Soft Starting of Induction Motor	Vol.9, No.24, pg no.25535 - 25542, Dec - 2014	International Journal of Applied Engineering Research	0.14
16	Mr.K.R.Sugavanam	Design of FLC for OVR Reduction of Negative Output KY Converter	Vol. 9, No 24 pp. 23689-23699(2014)	International Journal of Applied Engineering Research	0.14
17	Mr.K.R.Sugavanam	A PSO Algorithm Based PI Controller Design for Soft Starting of Induction Motor	Vol.9, No.24, pg no.25535 - 25542, Dec - 2014	International Journal of Applied Engineering Research	0.14
18	Mr.V.Tamil MullaI	Design of FLC for OVR Reduction of Negative Output KY Converter	Vol. 9, No 24 pp. 23689-23699(2014)	International Journal of Applied Engineering Research	0.14

19	Mr.S.Sri Krishna Kumar	GSM Based Fully Automated Surveillance Ensuring Road Safety and Data Acquisition for Legal Prosecution	Vol.10, No.1, pg no.145-157, Jan - 2015	International Journal of Applied Engineering Research	0.14
20	Mr.R.Senthil Kumar	GSM Based Fully Automated Surveillance Ensuring Road Safety and Data Acquisition for Legal Prosecution	Vol.10, No.1, pg no.145-157, Jan - 2015	International Journal of Applied Engineering Research	0.14
21	Mr.K.R.Sugava nam	GSM Based Fully Automated Surveillance Ensuring Road Safety and Data Acquisition for Legal Prosecution	Vol.10, No.1, pg no.145-157, Jan - 2015	International Journal of Applied Engineering Research	0.14
22	Mrs.S.Jalaja	GSM Based Fully Automated Surveillance Ensuring Road Safety and Data Acquisition for Legal Prosecution	Vol.10, No.1, pg no.145-157, Jan - 2015	International Journal of Applied Engineering Research	0.14
23	Mr.Pradeep Katta	Synchronous Reference Frame Method for A Four Leg active Power Filter Using UDCS Frequency Scheme Under non-Stiff	Vol 10, No 7 pp. 17779- 17787(2015)	International Journal of Applied Engineering Research	0.14

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		Source Conditions			
24	Mrs.Deepthi Joseph	Synchronous Reference Frame Method For A Four Leg active Power Filter Using UDCS Frequency Scheme Under non-Stiff Source Conditions	Vol 10, No 7 pp. 17779-17787(2015)	International Journal of Applied Engineering Research	0.14
25	Mr.S.Harshavardhan Naidu	Implementation of VLSI Progressive Supervised Transmission Algorithm for Image Transmission in Satellite Communications	Vol 10, No 9 pp. 22211-22218(2015)	International Journal of Applied Engineering Research	0.14
26	Mr.Pradeep Katta	Sensorless Control of BLDC Motor Drive Automotive Fuel Pump	Vol 10, No 12 pp.10760-10768(2015)	International Journal of Applied Engineering Research	0.14

Academic year: 2013-14

Sl.No	Author	Title of paper	Vol. No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Mr.S.Harshavardhan Naidu	Implemented of Supervised Table SPIHT Algorithm in VLSI Processor	Vol. 62 No.2 464-469 20th April 2014	Journal of Theoretical and Applied Information Technology	0.34

		for Image Transmission			
2	Mr.Mutharasan. A	Energy Efficient Flow and Level Control in A Hydro Power Plant Using Fuzzy Logic	Vol.10 No10 1703-1711, 2014	Journal of Computer Science	0.19

2. Students:

Academic year: 2014-15

S.No	NAME	TITLE OF THE PAPER	VOLUME /YEAR	JOURNAL NAME	Impact factor / SNIP / SJR
1	Arun J.K	ABS with Electronic Stability Control using MEMS and CAN Protocol	Volume 13 Issue 4 – MARCH 2015.	International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)	Google scholar
2	Jagannathan S	ABS with Electronic Stability Control using MEMS and CAN Protocol	Volume 13 Issue 4 – March 2015.	International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)	Google scholar
3	Balamurugan A	ABS with Electronic Stability Control using MEMS and CAN Protocol	Volume 13 Issue 4 – March 2015.	International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)	Google scholar

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4	S.Hanuma Shree	Sensorless Control of BLDC Motor Drive Automotive Fuel Pump	Volume 10, NO. 12, 14th March 2015	International Journal of Applied Engineering Research	SCOPUS
5	N.Suganya	Sensorless Control of BLDC Motor Drive Automotive Fuel Pump	Volume 10, NO. 12, 14th March 2015	International Journal of Applied Engineering Research	SCOPUS
6	S.Lakshmi	Sensorless Control of BLDC Motor Drive Automotive Fuel Pump	Volume 10, NO. 12, 14th March 2015	International Journal of Applied Engineering Research	SCOPUS
7	A.L.Meenal	GSM Based Fully Automated Surveillance Ensuring Road Safety and Data Acquisition for Legal Prosecution	Vol.10, No.1,2015	International Journal of Applied Engineering Research	SCOPUS
8	G.Chandni	GSM Based Fully Automated Surveillance Ensuring Road Safety and Data Acquisition for Legal Prosecution	Vol.10, No.1, 2015	International Journal of Applied Engineering Research	SCOPUS
9	Arun	PID Control of SAPF for Elimination of Harmonics in Power System Based on DQ Reference Frame Theory	Volume 326, 2014	Lecture Notes in Electrical Engineering	SCOPUS

10	D. Atul Kumar Mishra	PID Control of SAPF for Elimination of Harmonics in Power System Based on DQ Reference Frame Theory	Volume 326, 2014	Lecture Notes in Electrical Engineering	SCOPUS
11	H. Vignesh	PID Control of SAPF for Elimination of Harmonics in Power System Based on DQ Reference Frame Theory	Volume 326, 2014	Lecture Notes in Electrical Engineering	SCOPUS
12	D.Gajala Lakshmi	Novel Vigilant Real Time Monitoring And Security System For ATM Centre	Vol. 67 No.1 September 2014	Journal of Theoretical and Applied Information Technology	SCOPUS
13	V.Abirami	Novel Vigilant Real Time Monitoring And Security System For ATM Centre	Vol. 67 No.1 September 2014	Journal of Theoretical and Applied Information Technology	SCOPUS
14	R.Madhavi	Novel Vigilant Real Time Monitoring And Security System For ATM Centre	Vol. 67 No.1 September 2014	Journal of Theoretical and Applied Information Technology	SCOPUS

Academic year: 2014-15

Sl.No	Author	Title of paper	Vol. No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	A.Haswin Chitra	Cost Optimization In Dc Solenoid Valve Used In Air Braking By Replacing Copper Winding Wire To Aluminum	Volume-2, Issue-3, January 2014	International Journal of Emerging Science and Engineering (IJESE)	Google scholar
2	R.Rohini	Cost Optimization In Dc Solenoid Valve Used In Air Braking By Replacing Copper Winding Wire to Aluminum	Volume-2, Issue-3, January 2014	International Journal of Emerging Science and Engineering (IJESE)	Google scholar
3	K.Rahul	Elimination of Electric Shocks through Dual Voltage Switching Supply System	Volume 3, Issue 6, December 2013	International Journal of Engineering and Innovative Technology (JEIT)	Google scholar

Papers published in the International journals (Impact Factor): Nil

Monographs	Nil
Chapter in Books	Nil
Books Edited	Nil
Books with ISBN/ISSN numbers with details of publishers	Nil
Citation Index	Nil
SNIP	2.972

SJR	1.268
Impact Factor	2.168
h-index	Nil

20. Areas of consultancy and income generated

Sl. No.	Date	Title of Consultancy Project	Funding Agency	Amount (Rs. In Lakh) (amount actually received in corresponding year)
1	16.04.2015	MOTOR FAULT DETECTION USING MEMS SENSOR	CHASE TECHNOLOGIES	2.45
2	10.10.2014	FAULT DETECTION OF UNDERGROUND CABLE	DECCAN ENTERPRICES LTD	1.70
3	18.03.2014	SOLAR ELECTRIC LIGHTS	BHAGAYALAKSH MI INDUSTRIES	3.50
4	06.09.2013	INSPECTION OF STREET LIGHTING WORKS	MNR ELECTRICALS	1.80
5	21.02.2013	SOLENOID VALVE LOCALIZATION FEASABILITY AND COST OPTIMATION	BRAKES INDIA LTD	5.60
6	08.10.2012	REVERSE METERING FOR DOMESTIC ENERGY GENERATION	ADVANTECH	4.40

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards-
Nil

Sl.No.	Name of the Faculty Member	Details of National / International Committee
1	Mr.Pradeep Katta	Member of IAENG
2	Mrs.Deepthi Joseph	Member of IAENG

3	Mr.R.Ezhilarasu	Member of IAENG
4	Dr.K.Kumarasmy	Member of IAENG
5	Mr.K.R.Sugavanam	Member of IAENG
6	Mr.R.Senthil Kumar	Member of IAENG
7	Mrs.V.Tamilmullai	Member of IAENG
8	Mr.S.Sri Krishna Kumar	Member of IAENG
9	Mrs.R.Sivaranjani	Member of IAENG

21. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

S.No.	Name of the Programme	% of students who have done in-house Project
1	Electrical and Electronics Engineering	100%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies-

Nil

23. Awards / Recognitions received by faculty and students

S.No	Name of the faculty / student	Programme	Awards of recognition received	
			National	International
1	Mr.Pradeep Katta	Conference- Detection And Localization Of Power Quality Disturbance Using Gabor-Wigner Transformer	Participation	-
2	Mr.Pradeep Katta	Workshop -How To Plan,Write And Publish Research Paper In Refereed Journal	Participation	
3	Mrs.Deepthi Joseph	Workshop -How To Plan,Write And Publish Research Paper In Refereed Journal	Participation	
4	Mrs.Deepthi Joseph	Conference-P-Q Theory For Shunt active Filters Using Ramp Comparator		Participation
5	Dr.K.Kumarasamy	Seminar- Intelligent Controllers Application To Power System	Participation	
6	Dr.K Kumarasamy	Workshop- How To Plan, Write And Publish Research Paper In Referred Journal	Participation	
7	Mr.R.Senthil Kumar	Conference-Elimination Of Electric Shock By Dual Voltage Supply System	Participation	

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8	Mr.R.Senthil Kumar	Conference-Electric Shock Proof System By Electric Isolation.	Participation	
9	Mr.R.Senthil Kumar	Conference-Advanced Critical Load Management By Micro Wind Generation	Participation	
10	Mr.R.Ezhilarasu	Conference-Biomedical Dataset Classification Using Support Vector Machine	Participation	
11	Mr.R.Ezhilarasu	Conference-Design And Implementation Of Cost Effective DSC Based Relay	Participation	
12	Mrs.Tamilmullai.V	Conference-Special Purpose Electrical Machine	Participation	
13	Mr.S.Sri Krishna Kumar	Lights India international	Participation	
14	Mrs.R.Sivaranjani	Workshop -Advanced Embedded System Technologies	Participation	
15	R.Vignesh	International Conference On Recent Trends In Engineering And Technology (ICRTET' 14)		Participation
16	B.S. Dharshana	International Conference On Engineering & Applied Sciences ICEAS' 14		Participation

17	T.Ganeshkumar	International Conference On Recent Trends In Engineering And Technology (ICRTET' 14)		Participation
18	P.Helenchandrika	International Conference On Engineering & Applied Sciences ICEAS' 14		Participation
19	A.Praveen	International Conference On Latest Trends In Electrical And Electronics Engineering ICLTEEE		Participation
20	Abdul Rahman	International Conference On Latest Trends In Electrical And Electronics Engineering ICLTEEE		Participation
21	Samuel Prabhakaran	International Conference On Latest Trends In Electrical And Electronics Engineering ICLTEEE		Participation
22	Bharath Kumar .P	International Conference On Latest Trends In Electrical And Electronics Engineering ICLTEEE		Participation
23	C R Madhankumar	International Conference On Engineering & Applied Sciences ICEAS' 14		Participation
24	M.P.V Bala	International Conference On Recent Trends In Engineering And Technology		Participation

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25	B.Sindhu Bharathi	International Conference On Engineering & Applied Sciences ICEAS' 14		Participation
26	A.Mohamed Azarudeen	International Conference On Engineering & Applied Sciences ICEAS' 14		Participation
27	J.Sachin	International Conference On Latest Trends In Electrical And Electronics Engineering ICLTEEE		Participation
28	Pushpanathan	International Conference On Latest Trends In Electrical And Electronics Engineering ICLTEEE		Participation
29	Jansi Rani.P	National Conference on Emerging trends in Mechanical and Automobile Engineering, Prathyusha Institute of Engg and Tech	Participation	
30	Asha.S	National Conference on Emerging trends in Mechanical and Automobile Engineering, Prathyusha Institute of Engg and Tech	Participation	
31	Vidya Lakshmi.S	National Conference on Emerging trends in Mechanical and Automobile Engineering, Prathyusha Institute of Engg and Tech	Participation	
32	Anusha.K	National Conference on Synergetic Trends in Engg&Tech: impact on Industry & Society, Jerusalem College of	Participation	

		Engg		
33	Amit preethi.V	National Conference on Synergetic Trends in Engg and Tech:impact on Industry and Society,Jerusalem College of Engg	Participation	
34	Meenakshi.R	National Conference on Synergetic Trends in Engg and Tech:impact on Industry and Society,Jerusalem College of Engg	Participation	
35	Kallapiran K P	National Conference on Synergetic Trends in Engg and Tech:impact on Industry and Society,Jerusalem College of Engg	Participation	
36	Arimbhakam vinay	National Conference on Synergetic Trends in Engg and Tech:impact on Industry and Society,Jerusalem College of Engg	Participation	
37	Kishore kumar S	International Conference on Information and Communication Technology,Gojan school of Business and Technology	Participation	
38	Sudhir S	International Conference on Information and Communication Technology,Gojan school of Business and Technology	Participation	
39	Jaya Chandriga.K	National Conference on Embedded Systems and Advanced Communication Systems,Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	

40	Uma Shankari.S	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
41	Kanchana.D	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
42	Susheenth.G	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
43	Parthasarathy.S	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
44	Threenath.S.P	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
45	Yogeshwaran.N.P	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	

46	Sai Dixit.B	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
47	Kanaka Divya.V	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
48	Raghavi.B.V	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
49	Kirthika.S	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
50	Archana.S	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
51	Christina.A	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	

52	Argha Paul	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
53	Adhimoolam Rajesh	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
54	Dhivakar.N	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
55	Mohammed Ismail.S.J	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
56	Malini.T	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
57	Shanmugavalli.M	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	

58	Sandhya Rani.P	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
59	Jhumur Chakraborty	National Conference on Embedded Systems and Advanced Communication Systems, Veltech Hightech Dr.Rangarajan Dr.Sakunthala Engg College	Participation	
60	Sathya.N	National Conference "EPSCCON'15 ,Veltech (Owned by R.S Trust)	Participation	
61	Monisha.D	National Conference "EPSCCON'15 ,Veltech (Owned by R.S Trust)	Participation	
62	Priyadarshini.V	National Conference "EPSCCON'15 ,Veltech (Owned by R.S Trust)	Participation	

24. List of eminent academicians and scientists / visitors to the department

Sl.No	Date	Name of the academicians and scientists / visitors	Designation
1	28.07.2014	Dr.K.Udhayakumar	Asst. Professor, Anna University
2	28.07.2014	Dr.P.Somasundaram	Asst. Professor, Anna University
3	13.08.2014	Dr.R.Ramesh	Asst. Professor, Anna University
4	13.08.2014	Dr.Nirmal Kumar	Asst. Professor, Anna University

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5	16.09.2014	Dr.C. Pugazhendhi Sugumaran	Asst. Professor, Anna University
6	20.09.2014	Dr.Sudhesh	Asst. Professor, University College of Engg Villupuram- Anna University
7	08/02/2014	Dr. Anbarasan	Asst.Prof/MIT
8	20/07/2013	Dr.Sharmeela	Asst. Professor, Anna University
9	18/07/2013	Dr.Manikandan	Asst. Professor,Anna University
10	27/07/2013	Dr.Krishnakumar	Professor, Anna University
11	21/08/2014	Dr. V. N. Mani,	Scientist-E(Additional Director Grade), C-Met Department of Information Technology
12	21/08/2014	Mr.R.Ramanavasv,	Scientist-F Senior Maintenance Engineer (Electrical) BHAVINI, Kalpakkam
13	02/09/2015	Mr.S. Narasimhan	Scientist-F Senior Maintenance Engineer BHAVINI, Kalpakkam
14	02/09/2015	Mr.G.Subramanian	HR Manager, Prodapt solution, Chennai

25. Seminars/ Conferences/Workshops organized & the source of funding

Sl.No.	Name of the programme	Title / Topic	Source of funding	Venue	Month / Year
1	National Conference	Embedded System And Advanced Communication System - 2015	Self	Veltech Hightech Engineering College	2015-2016
2	Workshop	Introduction to Automation	Self	Veltech Hightech Engineering College	2014-2015
3	National Conference	Embedded System And Advanced Communication System - 2014	Self	Veltech Hightech Engineering College	2014-2015
4	National Conference	Embedded System And Advanced Communication System -2013	Self	Veltech Hightech Engineering College	2013-2014
5	National Conference	Embedded System And Advanced Communication System -2012	Self	Veltech Hightech Engineering College	2012-2013
6	National Seminar	Intelligent Controllers Application To Power System	CSIR	Veltech Hightech Engineering College	2013-2014
7	Workshop	Make Objects and Gadgets Robots	Self	Veltech Hightech Engineering College	2013-2014

26. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Enrolled		Pass percentage	Academic Year
			*M	*F		
B.E. Electrical and Electronics Engineering		66	53	13	74.24	2011-2012
		64	56	8	79.6	2012-2013
		60	43	17	75	2013-2014
		72	54	18	73.61	2014-2015

*M = Male *F = Female

27. Diversity of Students

Name of the Course	Year	% of students from the same state	% of students from other States	% of students from abroad
B.E. Electrical and Electronics Engineering	2011	92%	8%	Nil
	2012	93%	7%	Nil
	2013	94%	6%	Nil
	2014	98.53%	1.47%	Nil
	2015	91.67%	8.53%	Nil
	2016	96.92%	3.08%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc

GATE – 2 Students Cleared.

S.no.	Reg.no.	Name
1.	12210105007	M P V Bala
2.	12210105038	Prakash

29. Student progression

Academic year: 2014-15

Student progression	Against % enrolled
UG to PG	10%

PG to M. Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
• Campus selection	17%
• Other than campus recruitment	35%
Entrepreneurship/Self-employment	15%

Academic year: 2013-14

Student progression	Against % enrolled
UG to PG	15%
PG to M. Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	
• Campus selection	16%
• Other than campus recruitment	45%
Entrepreneurship/Self-employment	25%

Academic year: 2012-13

Student progression	Against % enrolled
UG to PG	20%
PG to M. Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL

Employed	
• Campus selection	20%
• Other than campus recruitment	45%
Entrepreneurship/Self-employment	5%

30. Details of Infrastructural facilities

✓ Library:

Department Library Facility, access to the central library and the internet facility to the staffs and students. It has a total number of 120 books in the following areas such as,

- ❖ Electrical machines– 20books.
- ❖ Electrical drives – 22books.
- ❖ Power systems – 23 books.
- ❖ Power electronics – 21 books.
- ❖ Electrical circuits – 24books.
- ❖ High voltage Engineering – 17 books.
- ❖ Electronics and Microprocessors – 22 books.
- ❖ Communication Engineering- 8 books
- ❖ Control System & Instrumentation – 18 books.
- ❖ Others – 25books.

✓ Internet facility for staff and students:

- ❖ In the Department three systems are provided for staffs for the work environment facility.
- ❖ Windows 7 Based OS with Internet – 1 System.

✓ Class room with ICT facility:

- ❖ ICT tools like Projector, OHP are used in three different Seminar Halls including a Tata Centre.

- ❖ B.E. Electrical and Electronics Engineering – 2 Seminar Halls.
- ✓ Laboratories

I. GE6162 ENGINEERING PRACTICES LABORATORY

Sl.No	Particulars	Quantity
1	Digital Multimeter(M 3900)	10
2	Digital Multimeter(M830b)	9
3	FM Radio Kit	2
4	D/T Telephone	1
5	W/T Telephone	2
6	Soldering Iron	2
7	Soldering Iron Tip	3
8	Crompton HSLV Fan	1
9	Crompton Electronic Regulator(Damaged)	NIL
10	Anchor 5A 1-Way Switch	11
11	Anchor 5A 2-Way Switch	16
12	Anchor 10A Fuse	15
13	Anchor Indicator	12
14	Nova Emergency Light	NIL
15	Glinder Iron Box Light Weight	NIL

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16	Tube light With Electric Choke Fitting	15
17	Bulb Holder	13
18	Bulb	25
19	Socket 5A	4
20	Wire Cutter	8
21	Tester	7
22	3+1 Gang Box	5
23	2+1 Gang Box	1
24	2 Gang Box	10
25	Ceiling Rose	4
26	¾" GI Clamp	45
27	Hammer	2
28	Screw Driver	1
29	Soldering Lead	1
30	Soldering Flux	2
31	21/2x2 Wiring Board	3
32	2x3 Wiring Board	2
33	3 Way Box	2
34	2 Way Box	10

35	1 Way Box	10
36	PVC Elbow	15
37	PVC Coupling	15
38	PVC Bend	5
39	¾" PVC Pipe	5
40	PVC Insulation Tape	4
41	De Soldering Pump	3
42	Range Finder	2
43	Metal Detector	2
44	Megger	1
45	Transformer	6
46	Bread Board	11
47	PCB Board(Small)	20
48	G.P Board	20
49	Tube Light	16
50	Tube Light Starter	14
54	AC Voltmeter (Mi)Desk Top Model(0-500)V	10
55	AC Ammeter (0-15)A	10
56	Energy Meter 1 Ph,5/10A	3

57	Stop Watch Digital	3
58	Watt Meter ,1ph,UPF,300V/10A	10
59	Putty Holder	7
60	Resistor Box	1
61	Lugs	100
62	Tube Light Socket	NIL

II. EE6211 ELECTRIC CIRCUITS LAB

Sl.No	Particulars	Quantity
1	CRO Dual Trace 30 Mhz	10
2	Function Generator	1
3	Regulated Power Supply	10
4	Digital Storage Oscillator	1
5	Measurement of Self Inductance Coil	10
6	Function Generator 1 MHZ	5
7	Function Genedrator 3 MHZ	2
8	AC Ammeter (0-100)MA	3
9	AC Ammeter (0-20)MA	4
10	AC Ammeter (0-5)A	1
11	AC Voltmeter(0-500/600)V	1

12	DC Ammeter(0-100)MA	1
13	UPF Wattmeter 500v/15A	1
14	Ohmmeter	3
15	SPST Switch	5
16	SPDT Switch	4
17	FM Player	1
18	Isolation Transformer 1KVA	1
19	DC Ammeter(0-2)MA	5
20	DC Ammeter (0-5)MA	5
21	DC Ammeter (0-10)MA	5
22	DC Ammeter (0-30)MA	5
23	DC Ammeter (0-50)MA	5
24	DC Ammeter (0-200)MA	5
25	DC Ammeter (0-500)MA	5
26	AC Ammeter (0-1)A	5
27	AC Ammeter (0-2.5)A	5
28	AC Ammeter (0-30)MA	5
29	DC Voltmeter (0-5)V	5
30	DC Voltmeter (0-15)V	5

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31	DC Voltmeter (0-30)V	5
32	DC Voltmeter (0-50)V	5
33	AC Voltmeter(0-5)V	5
34	AC Voltmeter (0-10)V	5
35	AC Voltmeter (0-3)V	5
36	Decade Inductance Box 3-Dial	3
37	Decade Inductance Box 6-Dial	3
38	Decade Resistance Box 3- Dial	3
39	Decade Resistance Box 6- Dial	3
40	Decade Capacitance Box 6- Dial	3
41	Decade Capacitance Box 3- Dial	3
42	Ring Specimen Type Wire Wound	1
43	PC With MATLAB	5

III. EE6411 / EE6512 ELECTRICAL MACHINES LABORATORY

Sl.No	Particulars	Quantity
1	DC Voltmeter(0-150/300V)	10
2	DC Voltmeter(0-150/300V)	11
3	DC Voltmeter(0-2A)	4
4	DC Ammeter(0-1/2A)	1

5	DC Ammeter(0-5/10A)	2
6	AC Ammeter(0-2)/1A	2
7	AC Ammeter(1/2)A	2
8	Wattmeter (0-75W)	2
9	DC Series Motor	1
10	DC Compound Motor	1
11	Single Phase Induction Motor	1
12	"Kirloskar" Make 1HP Capacitor Start Induction Motor	1
13	"Kirloskar" Make 1HP Capacitor Start Induction Motor With Loading Arrangement	1
14	DC Series Generator	1
15	DC Compound Generator	1
16	"Benn" Make 3HP DC Compound Motor Coupled With 2 KW DC Compound	2
17	3 Phase Alternator	2
18	"Benn Make 5HP DC Shunt Motor Coupled With 3KVA Alternator	2
19	3 Phase Induction Motor (Squirrel Cage)	1
20	3 Phase Induction Motor Squirrel Cage Motor With Loading Arrangement	2
21	"Kirloskar" Make 3 Phase ,5HP, Squirrel Cage Induction Motor With Brake Drum Load Arrangements	3

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22	AC Voltmeter(0-300/600V)	5
23	AC Voltmeter(0-150/600V)	5
24	AC Voltmeter(0-75/150)V	5
25	DC Ammeter(0-20/10)A	10
26	AC Ammeter(0-10/5)A	10
27	AC Ammeter(0-5)/2.5A	6
28	DC Ammeter (0-10/5)A	10
29	DC Ammeter(0-15/30)A	5
30	Rheostat 800W, 1.2A	3
31	Wire Wound Rheostat 50W,5A	15
32	Rheostat 300W, 2A	15
33	Rheostat 300W, 1.3A	3
34	Rheostat 1000W, 1A	3
35	Rheostat 100W, 5A	3
36	Rheostat 100W, 4A	3
37	Digital Multimeter (Model 603)	8
38	Digital Clamp Meter 500V	2
39	Tong Tester Digital(Clamp Meter)	1
40	INSULATION TESTER 500V/100m (MEGGER)	2

41	Bulb 200W/200V	10
42	1- Resistive Loading Bank (5KW, 1- , 230V)	6
43	1- Loading Rheostat (5KW)	4
44	3- Resistive Loading Bank (7.5KW, 3- , 450)	6
45	1- Resistive Loading Bank (3KW, 1- , 230V)	2
46	1- Capacitive Loading 10A	3
47	3- Capacitive Loading 10A	3
48	1- Lamp Loading Bank (3KW)	5
49	3- Inductive Loading 10A/415V	5
50	AC Distribution Panel	1
51	DC Distribution Panel	1
52	3- Rectifier 100A	1
53	Digital Tachometer	19
54	1- Transformer	11
55	1- Inductive Loading 10A/230V	3
56	DC Shunt Motor With Loading Arrangement	3
57	DC Series Motor	3
58	Insulation Tape	3
59	LPF Watt Meter 150/300/600V /10/20A	13

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60	Continuity Tester	2
61	DC Ammeter	10
62	1- Auto Transformer	5
63	UPF Wattmeter 150/300/600V/10/20A	11
64	2-Point DC Starter	3
65	AC Voltmeter 30/60V	4
66	DC Voltmeter 75/150V	4
67	AC Ammeter 15/30A	4
68	Star Delta Starter	2
69	Autotransformer Starter(3.5HP)	3
70	4 Point DC Starter	4
71	3- Box Type Dimmer Starter	3
72	3- Enclosed Auto Transformer	1
73	3- Transformer 400V, 230V,3KVA	2
74	Starter Resistance Starter	4
75	Rotor Resistance Starter	1
76	Scott Connection Transformer	1
77	3 Point Starter	7
78	3- Slip Ring Induction Motor With Loading	1

79	3HP, 2KW Shunt Generator With 3 Pt Starter	2
80	5HP, 3KW Shunt Generator With 3 Pt Starter	1
81	DPST Box (External Set Up)	5
82	Auto Synchronous Starter	1
83	3- 2 Element Wattmeter 250/500V	4
84	Powerfactor Meter	2
85	3- , 3HP, Auto Synchronous Motor With Loading	1
86	DC Voltmeter 300/600V	2
87	DC Voltmeter 15/30V	2
88	DC Voltmeter 125/250V	2
89	2 Pt Starter	1
90	2 Pt Starter DC Series Motor 3HP, 220V	3
91	3 Pt Starter	2
92	3 Pt Starter DC Shunt Motor 5HP, 220V	7
93	3- SYNCHRONOUS MOTOR WITH LOAD ARRANGEMENT 415V	1
94	Semi Automatic Star Delta Starter	1
95	UPF Wattmeter 150/300/600V	19
96	Fully Automatic Star-Delta Starter	3
97	DC Motor 5HP Coupled With Synchronous Motor	1

98	Direct On Line Starter 5HP, 3- , 415V, 7.5A	2
99	Compression Tool	1
100	Power Electronics Master Unit	4
101	Converter/Inverter Panel	2
102	Power Semiconductor Devices Characteristics Pannel With IGBT Panel and Go Codile Patch	2
103	Digital Tachometer (Non Contact Type) LED Model	2
104	Digital Multimeter 830L	5

IV. EE6511- CONTROL AND INSTRUMENTATION LABORATORY

Sl.No	Particulars	Quantity
1.	LVDT Kit	1
2.	Digital Multimeter	8
3.	Bourdon Pressure Transducer	1
4.	Voltmeter Tabletop 10V, 30V, 50V, 100V (Each 1.No)	4
5.	Maxwell's Inductance Capacitance Bridge	1
6.	Schering Bridge Kit With Unknown Capacitance With 1 DCB	1
7.	Schering Bridge Kit With 3 DCB	2
8.	Wheatstone Bridge Kit With Unknown Resistance	1
9.	Kelvin's Double Bridge Kit With Unknown Resistance	1

	(1 DRB)	
10.	Kelvin's Double Bridge Kit With 2 DRB	1
11.	Decade Resistance Box	1
12.	Operational Amplifier Kit	1
13.	Rps, 0-30V, 2A	4
14.	DC Trainer Kit	2
15.	CRO 20MHz, Dual	2
16.	Energy Meter (1- Phase)	1
17.	Wattmeter, UPF 5/10A, 150/300/600V	2
18.	Stop Watch Analog	1
19.	M.I. Voltmeter	2
20.	M.I. Ammeter	2
21.	Current Transformer	1
22.	Lamp Load	4
23.	Ammeter Table Top 5A & 10A	2
24.	Maxwell's Bridge Setup With Ring Specimen	1
25.	Galvanometer	1
26.	3- Auto Transformer	1
27.	DC Servo Motor	1

28.	AC Servo Motor	1
29.	Type-0 And Type-1 System	1
30.	DC Generator(2 Accessories)	1
31.	DC Motor (2 Accessories)	1
32.	DC And AC Position Control System	1
33.	Stepper Motor	1
34.	PC With MATLAB	10

V. EE6611- POWER ELECTRONICS AND DRIVES LABORATORY

Sl.No	Particulars	Quantity
1	SCR with Built in Supply& Meter	2
2	TRIAC with Built in Supply	2
3	MOSFET & IGBT Built In Power Supply	2
4	SCR/UJT Firing Circuit	2
5	1-Ø SCR Based Half Controlled Converter	2
6	1-Ø SCR Based Fully Controlled Converter	2
7	MOSFET Based Stepdown & Stepup Chopper	1
8	IGBT Based 1-Ø PWM Inverter	2
9	IGBT Based 3-Ø PWM Inverter	2
10	IGBT Based Chopper Module	2

11	Resonant DC-DC Converter	2
12	SCR & TRIAC Based 1-Ø AC Regulator	4
13	SCR Based V/I Commutated Chopper	4
14	Dual RPS (0-30),2A	4
15	C.R.O.(Dual Trace 20 MHz)	4
16	Isolation Transformer	4
17	1-Ø Auto Transformer	3
18	Multimeter (Digital)	5
19	LCR Meter(Digital Multimeter Type)	3
20	Analog Ammeter	10
21	Analog Voltmeter	10
22	Rheostat	20

EE6711- POWER SYSTEM SIMULATION LABORATORY

Sl.No	Particulars	Quantity
1	Personal Computers (Pentium-IV, 80GB, 512 MB RAM)	25 Nos
2	Printer Laser	1 No.
3	Dot Matrix	1 No.
4	Server (Pentium IV, 80GB, 1 MB RAM) (High Speed Processor)	1 No.
5	Software: Any Power System Simulation Software	5 Licenses

6	Compilers: C, C++, VB, VC++	25 Users
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31. Number of students receiving financial assistance from college, university, Government or other agencies

Financial Assistance from Government

S.No.	Year	No. of Students
1	2011-2012	41
2	2012-2013	57
3	2013-2014	60
4	2014-2015	48

Scholarship details

Year	Scholarship				Farmers Scholarship	National welfare	Central Government merit
	BC	MBC	SC	ST			
2011-2012	20	13	08	0	Nil	Nil	Nil
2012-2013	24	16	17	0	Nil	Nil	Nil
2013-2014	33	14	13	0	Nil	Nil	Nil
2014-2015	20	16	12	0	Nil	Nil	Nil

32. Details on student enrichment programmes (special lectures / workshops / Seminar) with external experts

S.No	Date	Name of the academicians and scientists / visitors	Designation	Event name	Topics Delivered
1	13/07/2013	Dr. M.P.Soma Sundaram,	Associate.Prof Anna Univ,chennai	Guest lecture	Power system operation and control
2	20/07/2013	Dr.Sharmeela	Asst.Prof Anna Univ,Chennai	Guest lecture	Protection and switchgear
3	18/07/2013	Dr.Manikandan	Associate.Prof Anna Univ,Chennai	Guest lecture	Digital signal processing
4	26/07/2013	Dr.K.Udayakumar	Asst.prof Anna Univ,Chennai	Guest lecture	Measurements and instrumentation
5	27/07/2013	Dr.Krishnakumar	Prof Anna Univ,Chennai	Guest lecture	Partial transform and differential equation
6	26/07/2013	Dr. R Ramesh,	Associate.Prof Anna Univ,Chennai	Guest lecture	Electrical Machines-II
7	30/01/2014	Dr.k.Udayakumar	Asst.prof Anna univ,chennai	Guest lecture	Control systems
8	01/02/2014	Dr. M.P.Soma	Associate.prof	Guest	Power system

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

		Sundaram	Anna Univ,Chennai	lecture	analysis
9	01/02/2014	Dr. R Ramesh	Associate.prof Anna Univ,Chennai	Guest lecture	Design of electrical machines
10	08/02/2014	Dr. Anbarasan	Asst.Prof/MIT, Chennai	Guest lecture	Numerical methods
11	28/07/2014	Dr.K.Udhayakumar	Asst.Prof ,Anna Univ,Chennai	Guest lecture	Digital signal processing
12	28/07/2014	Dr.P.Somasundaram	Associate.Prof ,Anna Univ,Chennai	Guest lecture	Power system operation & control
13	13/08/2014	Dr.R.Ramesh	Associate.Prof, Anna Univ,Chennai	Guest lecture	Electrical machines - ii
14	13/08/2014	Dr.Nirmal Kumar	Asst.Prof, Anna Univ,Chennai	Guest lecture	Electronic devices & circuits
15	16/09/2014	Dr.C.Pugazhendhi Sugumaran	Asst.Prof Anna Univ,Chennai	Guest lecture	Protection & switchgear
16	20/09/2014	Dr.Sudhesh	Asst.Prof University College of Engg Villupuram Anna University	Guest lecture	Transforms and partial differential equation
17	07/02/2015	Dr.M.P.Somasundaram	Associate.Prof Anna Univ,Chennai	Guest lecture	Power System Analysis

18	21/02/2015	Dr.K.Udhyakumar	Associate.Prof Anna Univ,Chennai	Guest lecture	Discrete Time Systems and Signal Processing
19	17/07/2015	Dr.P.Somasundaram	Associate.Prof Anna Univ,Chennai	Guest lecture	Power System Analysis
20	17/07/2015	Dr.C.Pugazhendhi Sugumaran	Associate.Prof Anna Univ,Chennai	Guest lecture	Protection & Switchgear
21	25/07/2015	Dr.B.Krishna kumar	Prof Anna Univ,Chennai	Guest lecture	Transforms and Partial Differential Equation
22	06/08/2013	Mr.A.Parthiban	Product Analyst & Aromoter, EPR labs	Workshop	Make objects ,gadgets and robots
23	07/08/2013	Mr.A.Parthiban	Product Analyst & Aromoter, EPR labs	Workshop	Make objects ,gadgets and robots (product designing program)
24	24/02/2014	Mr.A.Parthiban	Product Analyst & Promoter, EPR Labs	Workshop	Make objects gadgets and robots
25	25/02/2014	Mr.M. Kishore varma	Tech head & Marketing manager. EPR labs	Workshop	Product development program using embedded

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					systems
26	25/10/2013	Dr.K.S.Swarup	Professor, IIT, chennai.	Seminar	Smart grid
27	25/10/2013	Dr.P.Somasundaram,	Associate professor, Anna university, chennai.	Seminar	Fuzzy logic application to power system
28	26/10/2013	Dr.S.Jeevananthan,	Associate professor, Pondicherry engineering college, Pondicherry.	Seminar	Facts application with genetic algorithms solutions
29	26/10/2013	Dr.M.Sudhakaran,	Associate professor, Pondicherry engineering college, Pondicherry	Seminar	Facts application with neural networks solutions
30	09.08.2012	Dr. S. Gomathinayagam	Executive Director, Centre For Wind Energy Technology.	Conference	Essacs'12
31	20/08/2014	Dr. V. N. Mani	scientist-e(Additional director grade) Centre for Materials for Electronics Technology(C-MET) Department of Information Technology	Conference	Essacs'13

32	21/08/2014	Mr.R.Ramanavas	Senior Maintenance Engineer (Electrical),PFBR 500MWE, BHAVINI, Kalpakkam	Conference	Essacs'14
33	02/09/2015	Mr.S. Narasimhan	BHAVINI, Kalpakkam	Conference	Essacs'15
34	02/09/2015	Mr.G.Subramanian	Prodapt solution	Conference	Essacs'15

33. Teaching methods adopted to improve student learning

- ❖ Black board Teaching
- ❖ It is the primary teaching method and easy to handle & to understand by the students.
- ❖ Student's Interaction
- ❖ Power point presentation
- ❖ Seminar
- ❖ Quiz
- ❖ Workshop & National Conference
- ❖ In-plant training & industrial visit

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- ❖ Independence Day Work at Government School Kanniyammal Nagar – 30 students participated in that event for cleaning & constructing the toilet facilities for that school. Fund was collected for the event and work is in progress.

35. SWOC analysis of the department and Future plans

S.NO	STRENGTHS:
1.	Experienced professors and qualified teaching staffs in different specializations.
2.	Well equipped lab facilities.
3.	Active Participation in Curricular and Extra Curricular activities like NCC, SPORTS, SEMINAR, CONFERENCE, WORKSHOPS, ETC.
4.	Infrastructure Facilities.
5.	Support to students and staffs.

S.NO	WEAKNESS:
1.	Limited career opportunities in core industries
2.	Limited funding for students' projects
3.	Strength of students from rural area is more
4.	Compatibility of the curriculum to industrial need is poor

S.NO	OPPORTUNITIES:
1.	Funding from National agencies like AICTE.
2.	Updating the knowledge to students.
3.	Industrial visits.
4.	Jobs in various sectors.
5.	Student leadership qualities.
6.	Motivating students to undertake multidisciplinary projects.
7.	Organizing Technical events at the International Level
8.	Mobilizing our alumni to support College
9.	Motivating entrepreneurship as replacement to placements.

S.NO	CHALLENGES:
1.	Papers in conference & workshops.
2.	Placement activities.
3.	PG courses.
4.	Keeping NBA, ISO, NAAC.
5.	Research centre.

S.NO	FUTURE PLANS:
1.	Developing the department into a Research Centre
2.	Introduction of a new Post Graduate Courses
3.	Constituting an Industry- Institute Interaction Cell
4.	Getting the focus of industrial giants through MOUs
5.	Up gradation of the department to the Centre for Excellence in the Electrical and Electronics Engineering

1. Name of The Department : **Chemical Engineering**

2. Year of Establishment : **2002**

3. Name of Programme/Course offered

S.No	Level	Degree	Name of The Course
1.	U.G	B.Tech	Chemical Engineering Started in 2002, with intake 60, AICTE File No:730-52-447(E)/ET/2002 Reduced in intake 30 in the Academic year 2005-06. Affiliated to Anna University Chennai.

4. Name of Interdisciplinary Courses and the Departments /Regulation Involved

S.No	Sem	Subject code	Subject Name	Department Handled
1	III	MA6351	Transforms and Partial Differential Equations	S&H
2	III	EE6351	Electrical Drives and Controls	EEE
3	III	CH6302	Mechanics of Solids	Civil
4	IV	MA6468	Probability and Statistics	S&H
5	V	MA6459	Numerical Methods	S&H
8	V	GE6563	Communication Skills Laboratory	S&H

5. Annual Semester/choice based credit system (Programme wise)

S.No	Degree	Courses Offered	System Followed
1.	B.Tech	Chemical Engineering	Semester Based Credit System

6. Participation of the Department in the courses offered by other Departments

S.No	Sem	Course/Lab Code	Name of the course/Lab	Course offered to the department
1.	III	BT6301	Stoichiometry and Fluid Mechanics	Biotechnology
2	IV	BT6403	Heat Transfer Operations	Biotechnology
3	IV	BT6402	Applied Thermodynamics for Biotechnologists	Biotechnology
4	V	BT6503	Mass Transfer operations	Biotechnology
5	VI	BT6604	Chemical Reaction Engineering	Biotechnology

7. Courses in Collaboration with other universities, industries, foreign institutions, etc. - **NA**

8. Details of courses/Programmes discontinued (if any) with reasons

Nil

9. Number of Teaching Posts:

S.No	Post	Sanctioned	Filled
1	Professor	1	1
2	Associate professor	2	1
3	Assistant Professor	9	10

10. Faculty profile with name, qualification, designation, specialization

S.No	Name	Qualification	Designation	Specialization	No of Years of experience	PhD Students guided for the last 4 years
1	Dr.R.Rajamani	PhD	Professor	Chemical Engineering Thermodynamics	20	Nil
2	Dr.B.Bharathiraja	PhD	Asso.Prof	Industrial Biotechnology	10	Nil
3	Mr.A.Saravanaraj	M.Tech	Asst.Prof	Chemical Engg	5	NA
4	Mr.P.Vinosh Muthukumar	M.Tech	Asst.Prof	Petroleum Refining and Petrochemicals	3	NA
5	Mr.B.Vinothkumar	M.Tech	Asst.Prof	Chemical Engg	2	NA
6	Ms.G.V.Aatral	M.Tech	Asst.Prof	Chemical Engg	1	NA
7	Ms.J.Srinithi	M.Tech	Asst.Prof	Ceramic Technology	2	NA
8	Mrs.S.Subathra	M.Tech	Asst.Prof	Industrial Biotechnology	3	NA
9	Ms.Ambigadevi J	M.Tech	Asst.Prof	Chemical Engg	1	NA
10	Ms.S.Theepa Priya	M.Tech	Asst.Prof	Chemical Engg	1	NA

11	Ms. M.Bharathi	M.Tech	Asst.Prof	Material Science and Technology	0	NA
12	Mrs. Jami Satya Kiranmayi	M.Tech	Asst.Prof	Chemical Engineering	0	NA

11. List of Senior Visiting Faculty

Nil

12. Percentage of Lectures delivered and practical classes handled (programme wise) by temporary Faculty

Nil

13. Student –Teacher Ratio (Programme wise)

S.No	Programme Level	Student	Teacher	Student Teacher Ratio
1	U.G	93	12	8:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Technical staff	2	1

15. Qualifications of Teaching Faculty with Diploma/U.G/P.G/PhD

S.No	Id No	Name	Qualification
1	HTS 1021	Dr.R.Rajamani	M.E, PhD
2	HTS 844	Dr.B.Bharathiraja	M.Tech.PhD
3	HTS 697	Mr.A.Saravana Raj	M.Tech
4	HTS 825	Mr.P.Vinosh Muthukumar	M.Tech
5	HTS 918	Mr.B.Vinothkumar	M.Tech
6	HTS1112	Ms.G.V.Aatral	M.Tech
7	HTS1123	Ms.J.Srinithi	M.Tech
8	HTS1145	Mrs.S.Subathra	M.Tech
9	HTS1178	Ms.Ambigadevi J	M.Tech
10	HTS1183	Ms.S.Theepa Priya	M.Tech
11	HTS1243	Ms. M.Bharathi	M.Tech
12	HTS1252	Mrs. Jami Satya Kiranmayi	M.Tech

16. Number of Faculty with ongoing Projects from a) National b) International funding agencies and grants received

Nil

17. Departmental Projects funded by DST –FIST; UGC, DBT, ICSSR,etc. and total grants received-

Nil

18. Research Centre /facility recognized by the university

Annamalai University

19. Publications

a) Faculty

2012-13

S.No	Author	Title of paper	Volume , Page No, Year	Name of the journal	Impact Factor/SNIP/SJR
1	P.Vinosh MuthuKumar/D r.TheneshKuma r	Study of The solubility of ortho and para chloro nitro benzene through Hydrotropy	Vol 2, pp 1-8 2012	International Journal of Bioprocess Technology	2.691
2	Dr.Theneshkumar	A Study on the properties of hydrotrope Solutions for the enhancement of solubility of P-amino benzoic acid through hydrotropy	Vol 4,pp 51-56 2012	International Journal of Pharmacy and pharmaceutical sciences.	0.55
3	K.Bogeshwaran	Bio diesel from Waste Vegetable oil	Vol.2, PP- 3857- 3860 2012	International Journal of Modern Engineering Research	1.227
4	Dr.Theneshkumar	Association model of Hydrotropy for the effect of Hydrotropes on solubility and mass transfer coefficient of Acetyl salicylic acid	Vol.4, pp 653- 656 2012	International Journal of Pharmacy and pharmaceutical sciences.	0.55
5	Dr.Theneshkumar	Review on Health Hazards	Vol.1,	International	5.121

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	ar	of cell phone radiation-A Prophylactic Warning	pp 554-556 2013	Journal of Pharma and Bio science	
6	Dr.Thenesh Kumar	Occupational Health Alarm for software Employees-A review	Vol. 2, pp 550-553 2013	International Journal of Pharma and Bio science	5.121

2013-14

S.No	Author	Title of paper	Volume , Page No, Year	Name of the journal	Impact Factor/SNIP/SJR
1	Dr. B.Bharathiraja	Biodiesel Production using chemical and biological methods-A review of process,catalyst,acyl acceptor,source and process variables	Vol 38, pp 368–382, 2014	Renewable and Sustainable energy Review	6.5
2	Dr. B.Bharathiraja	Kinetic analysis of fatty acid alkyl esters using whole cell biocatalyst and lipase catalyzed transesterification from waste cooking oil	Vol 16,pp 745-752, 2014	Asian Journal of Microbial Biotech environmental science	0.12
3	Dr.B.Bharathiraja	Studies on Phyto chemistry antioxidant,antibacterial,larvicidal and pesticidal activities of aromatic plants from yelagiri	Vol 6, pp 325-328,	International Journal of Pharmacy and	0.91

		hills	2014	pharmateutic al sciences.	
4	Dr.B.Bharathi Raja	Utilization of Cassava Sago Waste for Bio ethanol Production by co fermentation of starch degrading bacteria and saccharomyces cerevisiae	Vol 16, pp 627- 632, 2014	Asian Journal of Microbial Biotech environmenta l science	0.12
5	Dr.B.Bharathi Raja Mr.A.Saravana Raj	Optimization of biodiesel production from waste cooking oil using pure lipaase and Rhizopus Oryzae through Response Surface Methodology.	Vol 16,pp 65-72, 2013	Asian Journal of Microbial Biotech environmenta l science	0.91
6	Dr.B.Bharathira ja	Biodegradation of polyvinyl alcohol using pseudomonas alcaligenes	Vol. 25, PP 8663- 8667, 2013	Asian Journal of chemistry	0.38

2014-2015

S.No	Author	Title of paper	Volume, Page No, Year	Name of the journal	Impact Factor/SNI P/SJR
1	Ms.M.Van itha	Hydro-chemical Investigation on Ground Water Quality in and Around Solid Waste Dumping Site, Chennai City	Vol.6, pp 4352- 4358,2014	International Journal of ChemTech Research	0.29

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2	Ms. Vanitha	Extraction Of Vindoline From Catharanthus Roseus And Instrumental Model Of Automatic Column Chromatography By Using PLC	Vol.6, pp 4216-4224,2014	International Journal of ChemTech Research	0.29
3	Dr.B.Bharathiraja	Selection of Microbial Strains for oil Transesterification and Optimization for higher conversion of alkyl esters	Vol.6, pp 4940-4947,2014	International Journal of ChemTech Research	0.29
4	Dr.B.Bharathiraja	Evaluation of Anti-Septic and Anti-Inflammatory Activity of Elytraria acualis	Vol.6, pp 4166-4171, 2014	International Journal of ChemTech Research	0.29
5	Dr.B.Bharathiraja	Insights on Lignocellulosic Pretreatments for Biofuel Production- SEM and Reduction of Lignin Analysis	Vol.6, pp 4334-4444, 2014	International Journal of ChemTech Research	0.29
6	Dr.B.Bharathiraja	Biofuels from sewage sludge- A review	Vol.6, pp 4417-4427, 2014	International Journal of ChemTech Research	0.29
7	Dr.B.Bharathiraja	Ethnobotanical Study of Medicinal Plants Used by Local People in Ariyalur District, Tamilnadu, India	Vol.6, pp 4276-4284, 2014	International Journal of ChemTech Research	0.29

8	Dr.B.Bhar athiraja	Green Synthesis of Silver Nanoparticles using Airborne Actinomycetes	Vol.6, pp 4123-4127, 2014	International Journal of ChemTech Research	0.29
9	Dr.B.Bhar athiraja	Comparitive study on candida sp. For the production of glycerol	Vol.6, pp 5058-5063, 2014	International Journal of ChemTech Research	0.29
10	Dr.B.Bhar athiraja	Simultaneous saccharification and fermentation of bioethanol from softwood moringa oleifera using Thermo-tolerant yeast	Vol.6, pp 5064-5070, 2014	International Journal of ChemTech Research	0.29
11	Dr.B.Bhar athiraja	Phytochemical analysis of indian folklore medicinal plants Cassia fistula and Luffaacutangala	Vol.6, pp 5071-5080, 2014	International Journal of ChemTech Research	0.29
12	Dr.B.Bhar athiraja	Comparative analysis of saccharification of cassava sago waste using A.Niger and Bacillus sp for the production of bioethanol using saccharomyces cerevisiae	Vol.6, pp 5090-5094, 2014	International Journal of ChemTech Research	0.29
13	Dr.B.Bhar	Kinetics of interesterification on	pp 1012-	Int. Jr. of green	2.1

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	athiraja	waste cooking oil (Sunflower oil) for the production of fatty acid alkyl esters using whole cell biocatalyst (<i>Rhizopus Oryzae</i>) and pure lipase enzyme	1017 2015	energy	
14	Dr.B.Bharathiraja, Mr.P.Vinoth Muthukumar, Mr.A.Saravana Raj	Bioethanol Production from Lignocellulosic Materials - An Overview	Vol 01 , pp 20-29 2014	The Scitech Journal	0.2
15	Mr.K.Bogeshwaran Mr.G.N.Manikandan,	Efficient methods for the removal of Chromium from Textile effluents – A Review	Vol.6, pp 4324-4327, 2014	International Journal of ChemTech Research	0.29
16	Mr.K.Bogeshwaran	Production of Silica from Rice husk	Vol.6, pp 4337-4345, 2014	International Journal of ChemTech Research	0.29
17	Mr.G.N.Manikandan, Mr.K.Bogeshwaran	A Review on Emulsion liquid Membranes on heavy metal separation	Vol.6, pp 4328-4332, 2014	International Journal of ChemTech Research	0.29
18	Mr.K.Bogeshwaran, Mr.G.N.Manikandan	Failure Analysis - Watanabe Model	Vol.6, pp 4333-4339 ,2014	International Journal of ChemTech Research	0.29

19	Dr. B. Bharathi Raja	Enhanced Pretreatment, Characterization and Utilization of Prosopis juliflora stem for Bioethanol Production	ISSN: 1477-7835. 2015	Management of Environmental Quality	0.21
20	Dr. B. Bharathi Raja	Optimization of biological transesterification of waste cooking oil in different solvents using Response Surface Methodology	ISSN: 1477-7835. 2015	Management of Environmental Quality	0.21
21	Dr. B. Bharathi Raja	Bioethanol Production by the Utilization of Moringa oleifera stem with Sono-assisted acid/alkali hydrolysis approach	ISSN 1927-9566 2015	International Journal of Environment and Sustainable Development	0.16
22	Dr. R.Rajamani	Potential Application of Various Bio Sorbents in Removal of calcium and sodium ions from aqueous solutions	ISSN 0973-4562 2015	International Journal of Applied Engineering Research	0.13

2015-16

S.No	Author	Title of paper	Volume, Page No, Year	Name of the journal	Impact Factor/SNIP/SJR
1	B.Bharathiraja	Aquatic biomass(algae) future feed stock for biorefineries; A review on cultivation and proceses	Vol 47,pp 634–653 2015	Renewable and sustainable energy reviews	6.8

2	B.Bharathiraja	Microalgal biorefineries: The choice for clean fuel production	Vol 7, pp 358-369 2015	International Journal of Multidisciplinary Research and Development	3.318
3	B.Bharathiraja	Analysis of reaction parameters for the transesterification of algal oil from <i>Enteromorpha compressa</i> using purified lipase and whole cell biocatalys	Vol 9, pp 345-349 2015	Journal of Chemical and Pharmaceutical Research,	0.543
4	B.Bharathiraja	Biodiesel production from different algal oil using immobilized pure lipase and tailor made <i>rpichia pastoris</i> with Cal A and Cal B genes	Feb 2016	Biorecourse Technology	4.49
5.	B.Bharathiraja	A Comparative Analysis on microbial production of primary alcohols using pretreated glycerol	Vol 17,pp 9-13 2015	Asian journal of microbiology biotechnology and environment sciences	0.19
6.	B.Bharathiraja	A Survey on DHA production by microbial bioconversion of crude glycerol	Vol 10 2015	International journal of applied engineering research	0.12

7	B.Bharathiraja	Production and kinetics of amylase from starch using mutant strain of bacillus sp MTCC 1434	Vol 9,pp 281-286 2016	Journal of chemical and pharmaceutical sciences	0.68
8	Ambigadevi J	Application of synthesized (Ni ⁺² ,Ag ²⁺)doped ZnO nano catalyst for degradation of acid blue 113 by advanced oxidation process	Vol 9, pp 318-322 2016	Journal of chemical and pharmaceutical sciences	0.68
9	Srinithi J	Preparation and investigation of (Ni0.18Cu0.2 Zn0.2) Fe ₂ O ₄ ferrites composites by ball mill	Vol 9, pp323-326 2016	Journal of chemical and pharmaceutical sciences	0.68
10	Saravana Raj. A	Experimental study on Biochemical and Physiological adaptation of Mercury accumulation and tolerance in Clitoria ternatea L.	Vol 9, pp298-303 2016	Journal of chemical and pharmaceutical sciences	0.68

b) Student Publications

S.No	Author	Title of paper	Volume, Page No, Year	Name of the journal	Impact Factor/SNIP/SJR
1	Mr.N.Chandrasekaran, Ms.M.Kaavyalakshmi	Extraction Of Vindoline From Catharanthus Roseus And Instrumental Model Of Automatic Column Chromatography By	Vol.6, pp 4216- 4224, 2014	International Journal of ChemTech Research	0.29

		Using PLC			
2	Ms.S.Akila, Ms.M.Bibiana, Ms.R.Gayathri	Efficient methods for the removal of Chromium from Textile effluents – A Review	Vol.6, pp 4324- 4327, 2014	International Journal of ChemTech Research CODEN (USA): IJCRGG	0.29
3	R.Kalaivani, Shifna Ashraf, George Edwin Prabhu	Production of Silica from Rice husk	Vol.6, pp 4337- 4345, 2014	International Journal of ChemTech Research CODEN (USA): IJCRGG	0.29
4	P.Jamuna, S.Sandhya	A Review on Emulsion liquid Membranes on heavy metal separation	Vol.6, pp 4328- 4332, 2014	International Journal of ChemTech Research CODEN (USA): IJCRGG	0.29
5	Anandh.S, P.Jamuna, S.Sandhya	Failure Analysis - Watanabe Model	Vol.6, pp 4333- 4336 2014	International Journal of ChemTech Research CODEN	0.29

6	B.Bhuvana Sundar, J.Rajkiran	Determination of Total phenolic content, Antioxidant capacity and radical scavenging capacity of Vegetable Biomass	Vol-2, pp ,2014	International Journal of Engineering and Technical Research (IJETR)	0.997
7	P.Shyam, G.Elaiyamurugan	Potential Application of Various Bio Sorbents in Removal of calcium and sodium ions from aqueous solutions	Vol. 10 pp 434-437, 2015	International Journal of Applied Engineering Research	0.13

Papers published in the International journals (Impact factor):

Monographs	Nil
Chapter in Books	2
Books Edited	Nil
Books with ISBN/ISSN numbers with details of publishers	2
Citation Index	Nil
SNIP	Nil
SJR	Nil
Impact factor	36.77
h-index	4

20. Areas of Consultancy and Income Generated

S.no	Year	Company name	Consultancy value	Consultancy area
1.	2013-14	Penchant Agro Product	72,000	Erection And Commissioning
2	2014-15	PENCHANT AGRO PRODUCT	48,000	Quality Control
3.	2014-15	Nizar Industries Private Limited, Andipatti	84,000	Unit Operation Quality Control
4.	2015-16	Penchant Agro Product	48,000	Quality Control
5.	2015-16	Nizar Industries Private Limited, Andipatti	84,000	Unit Operation Quality Control

21. Faculty as members in

a) National committees

S.No.	Name of the Faculty Member	Details of member
1	Dr.B.Bharathiraja	IIChe-Indian Institute of Chemical Engineers ISTE-Indian Society for Technical Education BRSI-The Biotech Research Society BIGFIN-Bio gas forum of India

b) International committees

S.No.	Name of the Faculty Member	Details of member
1	Dr.B.Bharathiraja	International Association of Engineers BRSI-The Biotech Research Society, EFB-European Federation of Biotechnology
2.	A.Saravana Raj	IAENG-International Association of Engineers

3.	P.Vinosh Muthukumar	IAENG-International Association of Engineers
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c) Editorial Board

S.No.	Name of the Faculty Member	Details of member
1	Dr.B.Bharathiraja	Editor - International Journal of Bioprocess Technology Polymer Sciences

22. Student Projects

a) Percentage of Students who have done in house projects including inter departmental/Programme

S.No	Name of the Programme	% of students who have done In-house project 2015-16
1	Chemical Engineering	29%

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/ Industry / other agencies

S.No	Name of the Guide	Name of the students	% of Students	Research Laboratory/Industry/other agencies	Title of Project
1	Mr.S.Madasamy	S.Bhoopathy H.Rafi Ahamed		CPCL	Diesel Maximization by Using Vegetable oil (JATROPHA OIL) in Petroleum Refining
2	Mr.shanker	G.Devipriyadharshini V.Muthulakshmi		Aavin	Studies On Various Coolants For Refrigeration In Dairy Industry And Its Design

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3	Mr.S.Chandra Babu	C.Gokul G.Pandiyan	71	Kothari Petrochemicals Ltd	Design of DEPROPANISER & Design of CONDENSER
4	Mr.S.Madasamy	Arunraj.A Navaneethakrishnan .A		CPCL	Heat exchanger design for waste heat utilization
5	Mr.s.chandrababu	Theyagarajan.P Jayakrishnan.J		Kothari Petrochemicals Ltd	Design of debutanizer distillation column and their heat exchangers
6	Dr. Vedaraman	Manickavalli.T Kaavyalakshmi.M		CLRI	Recovery, Purification And Reuse Of Contaminated Sodium Chloride Obtained From Tanneries For Raw Skin Preservation
7	Mr.S.Tamil Selvan	Logaratchagan.G Jacob.M.P		MFL	Design of Prilling Tower of an Urea Manufacturing Plant
8	Mr.P. Selva Kumar	Padma Priya.V Pavithra.H		Mirror Technology	Dynamic Analysis of Cross & Counter Flow Heat Exchangers in Data Centers Using Transient Effectiveness Method

9	Dr.N.Vedaraman	Pavithra.B Devipriya.S		CLRI	Production Of Fatty Acid Methy Ester And Its Application Studies
10	Mr. Tamil Selvan	Sakthi Prabakaran.M.K Varadharajan.N.P		MFL	Comparison study on Intalox Metal Tower Packing and sieve Trays in CO2 Absorption Column
11	Mr.S.Madasamy	Sasi Kumar Prem kumar.S		CPCL	Recovery of LPG From Unstablized Naptha and OFF – Gas

23. Awards/ recognitions received by the Faculty and students:

2012-13

S.No	Name of Faculty	Award received	Awarding body
1.	Dr.Rajamani	Best paper award	Vel Tech Highech
2	Saravanaraj .A	Best teaching practices award	Vel Tech Highech
3	Dr.Theneshkumar	Best paper award	Vel Tech Highech

2013-14

S.No	Name of Faculty	Award received	Awarding body
1.	P.Vinosh Muthukumar	Best teaching practices award	Vel Tech Hightech
2.	Dr.Rajamani	Best paper award	Vel Tech Highech

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3.	K. Bogeshwaran	Best innovative idea	VISAI,VTU
4.	Priyadharashini	Best paper award	Vel Tech Highech

2014-15

S.No	Name of Faculty	Award received	Awarding body
1.	Saravanaraj .A	Best teaching practices award	Vel Tech Highech
2.	Dr.B.Bharathiraja	Best reviewer award	Elsevier
3	Dr.Rajamani	Best paper award	VISAI,VTU
4	B.Vinoth Kumar	Best teaching practices award	Vel Tech Highech

2015-16

S.No	Name of Faculty	Award received	Awarding body
1.	Dr.Bharathiraja	Best paper award	Elsevier
2.	Dr.Rajamani	Excellence award	Vel Tech Highech
3.	G.V Aatral	Best paper award	Vel Tech Highech

b) By Students

2012-2013

S.No	Name of the student	programme	Award of reorganization received
1	Bageswari.A	National Conference on recent trends in bio-chemical engineering	participation
2	Sankar G	National level technical symposium	Third prize
3	Baby shalini	National level technical symposium	Third prize
4	Chandra shekaran	National level technical symposium	Third prize
5	Gurujayanth.R	National level Workshop-MATLAB	participation
6	Vignesh O.R	Minute to win it	Third prize
7	Gurujayanth.R	Green project analysis	participation
8	R.Sugirtha	Extract 13(poster presentation)	Second prize
9	Vignesh O.R	National level technical symposium-ASPEN workshop	participation
10	S.Chinny Krishna	National level technical symposium-MATLAB	participation

2013-2014

S.No	Name of Student	Programme	Awards of Reorganization Received
1	A.Sujith	Workshop on Industrial safety and risk management	Participation
2	M.P.Jacob	Workshop on Industrial safety and risk management	Participation
3	K.Raghuram	Workshop on Industrial safety and risk management	Participation
4	Z.karthik	Workshop on Industrial safety and risk management	Participation
5	M.P.Jacob	Workshop on instrumental methods of analysis	Participation
6	K.Raghuram	Workshop on instrumental methods of analysis	Participation
7	Z.karthik	Workshop on instrumental methods of analysis	Participation
8	P.Dhivya	OPCE-2014	Participation

2014-2015

S.No	Name of Student	Programme	Awards of Reorganization Received
1	G.Harisree	National level Technical symposium	First prize
2.	G.Manojitha	National level Technical symposium	First prize
3.	T.P.Marsh wisely	National level Technical symposium	First prize

4.	K.S.Laxmi Narayanan	National level Technical symposium	First prize
5	K.Ganesh kumar	National level Technical symposium	First prize
6	Balaji .N	National level workshop on “functional materials”	Participation
7	Marsh whesly	National level Technical symposium	Participation
8	M.P.jacob	National level workshop- MATLAB	Participation
9	K.S. laxmi narayanan	National level symposium	Participation
10	S.Anandh	National level workshop-MATLAB	Participation
11	M.Abbaasali	National level workshop-MATLAB	Participation
12	V.Loganatha Prakash	National level workshop-MATLAB	Participation
13	P.Ananth	National level workshop-MATLAB	Participation
14	B.Sheik Benazudeeen	National level workshop-MATLAB	Participation
15	M.Snekalatha	National level workshop-MATLAB	Participation
16	Kishore .R	National level workshop-MATLAB	Participation
17	E.Karthik	National level workshop-MATLAB	Participation
18	R.Manoj Kumar	National level workshop-MATLAB	Participation
19	M.K.Sakhi prabakaran	National level workshop-MATLAB	Participation
20	N.P.Vardharajan	National level workshop-MATLAB	Participation

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21	S.Vishnu Priya	National Level symposium-EXTRACT 2014	Participation
22	T.Manickavalli	National level symposium- EXTRACT 2014	Participation
23	M.Kaavya lakshmi	National level symposium- EXTRACT 2014	Participation
24	H.pavithra ,S.vishnupriya	National Level Workshop-Biofuels and Bioenergy	Participation
25	B.Pavithra, G.Devi Priyadarsini	CHEMICZNA-2014 Paper presentation	Participation
26	A.Masilamani	National Level Workshop-Entrepreneur Orientation	Participation
27	G.Kawin Selvakumar	National Level Workshop-Entrepreneur Orientation	Participation
28	G.Gobi Krishna	National Level Workshop-Entrepreneur Orientation	Participation
29	G.Elaiyamurugan	National Level Workshop-Entrepreneur Orientation	Participation
30	P.Shyam	National Level Workshop-Entrepreneur Orientation	Participation
31	S.Vishnu Priya	National Level symposium-ACENTS 2014	Participation
32	T.Manickavalli	National level symposium- ACENTS 2014	Participation
33	M.Kaavya lakshmi	National level symposium- ACENTS 2014	Participation
34	K.Ganesh kumar	National level symposium	Participation

35	Arun Kumar	Workshop on Entrepreneurship Orientation	Participation
35	G.Elaiya Murugan	Inter state level sports tournaments	Secured gold Medal
36	M.Kaavyalakshmi	Zonal Level Badminton Tournament	Secured Silver Medal
37	M.Sakarabani	Madras Marathon	Fifth Prize
38	V.Padma Priya	Zonal athletic meet(high jump)	First prize
39	S.Srinivasan	National Level Workshop-Entrepreneur Orientation	Participation
40	B.S.Jeeva	National Level Workshop-Entrepreneur Orientation	Participation
41	A.Sujith	Workshop on industrial safety and risk management	Participation
42	Kawin Selvakumar	National Level Workshop-Entrepreneur Orientation	Participation
43	Sandhya S	National level workshop-MATLAB	Participation
44	P.Jamuna	National level workshop-MATLAB	Participation

2015-2016

S.No	Name of Student	Programme	Awards of Reorganization Received
1	T.N.Prathiba Rajalakshmi	IDEA INDIA- Speech Competition	Participation
2	K.Veeramani	IDEA INDIA- Speech Competition	Participation
3	P.Saravanan	IDEA INDIA- Speech Competition	Participation

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4	N.Balaji	SWEDEN INDIA- Memorial Quiz	Participation
5	N.Balaji	CHEMICZNA-15- National level technical symposium	Participation
6	K.Gladwin Danny James	SWEDEN INDIA- Memorial Quiz	Participation
7	K.Siddharth	GREY MATTER-III- National conference on Recent trends in “Green technology for sustainable Environment”(CTSE)	Participation
8	M.Abinaya	TECHNOQUEST- National level students technical symposium	Participation
9	M.Snekalatha	TECHNOQUEST- National level students technical symposium	Participation
10	G.Manikandan	CTSE- National Level conference on recent trends	Participation
11	K.Siddharth	CTSE- National Level conference on recent trends	Participation
12	K.Ganesh Kumar	CEEE- National Level conference on recent trends chemicalenergy and environmental engineering	Participation
13	A.Sujith	RENOVAR-15- National level technical Chakravyuha	Participation
14	E.Karthick	TEPIC-15- National level Technical symposium	Participation
15	M.Naveen	National Level technical symposium-	First Prize

		PAPER PRESENTATION	
16	K.Siddharth	National Level technical symposium- PAPER PRESENTATION	Ffirst Prize
17	Praveen Nani	CHEMCHARADES	First Prize
18	Udhayavan.V	CHEMCHARADES	First Prize
19	Snekalatha .M	National Level technical symposium	First Prize
20	Abhinaya.M	National Level technical symposium	First Prize
21	Karthik .E	National Level technical CHAKRAVYUHA-PAPER PRESENTATION	Third Prize
22	Pandiyan G	National Level technical symposium- TEPIC'2015-POSTER PRESENTATION	Third Prize
23	Theyagarajan.P	National Level technical symposium- TEPIC'2015-POSTER PRESENTATION	Third Prize
24	Elumalai.A	National Level technical symposium- TEPIC'2015-POSTER PRESENTATION	Third Prize
25	Manikandan.G	National Level technical CHAKRAVYUHA-PAPER PRESENTATION	First Prize
26	Laxmi Narayanan	CHEMENIGMA-Technical Quiz	Third Prize
27	Marsh Wisley	CHEMENIGMA-Technical Quiz	Third Prize

28	Praveen Mani. A	JETCHEM 2015	Third Prize
29	Udhayavan.V	JETCHEM 2015	Third Prize
30	Sujith.A	JETCHEM 2015	Third Prize
31	A.Praveen Mani	JETCHEM 2015	Third Prize
32	A.Sujith, E.Kathik	National Level Technical Chakravyuha 2015	Third Prize
33	P.Theyagarajan	A national level technical symposium MATLAB	Participation
34	H.Rafi Ahamed	A national level technical symposium MATLAB	Participation
35	S.Prem Kumar	A national level technical symposium MATLAB	Participation
36	K.Gladwin Danny James	A national level technical symposium MATLAB	Participation
37	G.Elaiya Murugan	Inter state level sports tournaments	Secured gold Medal
38	M.Kaavyalakshmi	Zonal Level Badminton Tournament	Secured Silver Medal
39	M.Sakarabani	Madras Marathon	Fifth Prize
40	V.Padma Priya	Zonal athletic meet(high jump)	First prize

24. List of Eminent Academicians and Scientists/Visitors to the department

S.No	Visitors	Date
1.	Mr Elavarasan ,Safety Manager, Cognizant Technology Solution	20.07.10
2.	Mr V.K..Srivastava, Deputy General Manager (Safety), Mars, Range Operation., Sathish Dhawan Space Centre(Shar)	13.08.10
3.	Dr. Shripal Singh, Ph.D, Scientist E-II, CIMFR Nagpur Unit-II	17.09.10
4.	Mr.Nagendra Kumar, External Faculty, Petroleum Conservation Research Association (PCRA)	04.03.11
5.	Dr.Tanmay Basak, Professor, IIT, Madras	29.07.11
6.	Mr.P.Thiagarajan, Senior Manager, Chennai Petroleum Corporation Ltd	30.07.11
7.	Dr.T.Sivasankar ,Assistant Professor, NIT, Trichy	20.08.11
8.	Mr.B.Ramakrishna ,Executive Chairman, Karnataka State Biofuel Development Board,Bangalore	15.02.12
9.	Dr.A.Kannan, Professor, IIT, Madras	18.02.12
10.	Dr.N.Vedaraman ,Associate Professor, Central Leather Research Insititute	27.07.12
11.	Mr.Sumathy Ramamani, Associate Professor, Total Ep Quatar	24.08.12
12.	Mr.Senthil Kumaran Associate Professor, Fl smidth Pvt Ltd	25.08.12
13.	Dr.N.Vedaraman, Technical Officer-C, CLRI	12.02.13
14.	Dr.K.Muthukumar, Associate Professor, Anna University	20.02.13
15.	Mr.R.Srinivasan ,Asst Manager, Kothari Petrochemicals Pvt Ltd	06.08.13
16.	Dr.A Anbarasu ,Professor, Anna University, Chennai	11.10.13

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17.	K.Senthil Kumaran, Senior Production Engineer, Madras Fertilizer Limited	04.10.13
18.	Dr.M.Chidambaram ,Professor, IIT, Madras	25.01.14
19.	Dr.Basavaraja Madivala Guappa, Assistant Professor, IIT, Madras	31.01.14
20.	D.N.Vedaraman, Technical Officer, CLRI	13.02.14
21.	Mr. M. Prabhakar, Vice President & Technical Advisor, Reliance Industries & Kothari Petrochemicals	02.07.14
22.	Mr.Sankar, Technical Advisor to Chairman	08.08.14
23.	Prof.C.V.Raman Visiting Prof Anna University	14.02.15
24.	Mr.M.R.Kasinathan L.N.V Technology	21.02.15
25.	Dr.P.Kanthabhabha Professor and Head of the Department of Chemical Engineering, Annamalai University	12.03.15
26.	Prof.K.Raja Gopal/ Visiting Professor – Anna University- chennai	07.09.15
27.	Mr.Narayanan, Founder of Narayanan Water academy, Tuticorin	17.02.16
28.	Dr..P.Kanthabhabha, Professor, Annamalai University, Chidabham	09.03.16
29.	Mr.A.Gowthamanan, Project coordinator, CPCL	14.03.16

25. Seminars/ conferences/ workshops organized by the department & Source of funding

S.No	Name of the Event	Type of Event	Date of the Event	Funded by Level/ Association	Resource Person
1	National Conference	National Conference on Recent Trends in Biotechnology and Chemical Engineering	14-08-2013	Self-Funded	Mr.A.Janikaram ,Addl Director, Petroleum Conservation Research Association,Chennai
2	National Conference	Recent Trends in Biotechnology and Chemical Engineering	12-08-2014	Self-Funded	Dr.S.Sithanatham, Director-Entomology Sun Agro Biotech Research Centre ., Chennai
3	National Conference	Recent Trends in Biotechnology and Chemical Engineering	31-08-2015	self-Funded	Mr.R.Narasimha Kannan Associate Vice President Hatsun agro product.

26. Student profile programme/course wise

Name of the course	Application Received	Selected	Enrolled		Pass %	Academic
			*M	*F		
B.Tech- Chemical Engineering	-	34	24	10	80%	2014-2015
	-	34	25	9	82%	2013-2014
	-	30	22	8	87%	2012-2013
	-	30	24	6	87%	2011-2012
	-	23	17	6	78%	2010-2011

*M-Male;*F-Female

27. Diversity of Students

Name of the course	% of students from the same state	% of students from other state	% of students from abroad	Year
Chemical Engineering	100	0	Nil	-
	97	3	Nil	2012 - 13
	97	3	Nil	2013 - 14
	100	Nil	Nil	2014 - 15
	97	3	Nil	2015 - 16

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, civil services, Defense services etc.

Competitive Examinations	No. of Students
NET	Nil
SELT	Nil
GATE	Nil
Defense services	NIL

29. Student progression

2014-15

Student progression	Against Enrolled %
UG to PG	12 % (No of Students 4)
Employed	12% (No of Students 4)
<ul style="list-style-type: none">• Campus Selection• Other Than Campus Recruitment	59% (No of Students 20)
Entrepreneur/Self Employed	6% (No of Students 2)

2013-14

Student progression	Against Enrolled %
UG to PG	12 % (No of Students 4)
Employed	21 % (No of Students 4)
<ul style="list-style-type: none">• Campus Selection• Other Than Campus Recruitment	45 % (No of Students 20)
Entrepreneur/Self Employed	3 % (No of Students 2)

2012-13

Student progression	Against Enrolled %
UG to PG	12 % (No of Students 4)

Employed	25 % (No of Students 4)
<ul style="list-style-type: none"> • Campus Selection • Other Than Campus Recruitment 	30 % (No of Students 20)
Entrepreneur/Self Employed	6 % (No of Students 2)

30. Details of Infrastructural facilities

✓ **Library**

Students can access both the departmental library as well as central library. 59 Titles of 250 copies books are available in our library for the following areas like Chemical Process Calculations, Thermodynamics, Mass transfer, Heat transfer, Momentum transfer, etc.

✓ **Internet facilities for Staff & Students**

Department has computer systems provided with internet connections for staffs. Students have internet hours included in their timetable. Various e-journals have been subscribed for staffs and students.

✓ **Class rooms with ICT facility**

Smart classes are part of the lecture provided to students. OHP and LCD projectors are being used to deliver tutorial hours. Apart from these white boards with markers have been provided for interactive learning.

✓ **Laboratories**

The department has been equipped with 9 laboratories. Details of the laboratories and equipments available have been furnished below.

S.No	Lab Name	Equipments Name
1.	Process control lab	Temperature control system, Flow control system, Level control system, Pressure control system, Control valve setup, Interacting and Non-interacting tank system
2.	Chemical reaction Engineering lab	Batch Reactor(Adiabatic), Plug Flow Reactor, Combined reactor, Packed bed reactor, Series unit of 3 or 4 CSTR, Semi-batch reactor, Batch reactor with hot water bath, Mixed flow reactor-RTD, Fluid solid catalytic reactor, Non catalytic Solid-Fluid reactor
3.	Mass transfer lab	Simple distillation setup with heating mantel, Steam distillation setup with mini boiler, Packed bed distillation setup with mantel heater, Vapor liquid equilibrium setup with mantel heater, Diffusion of organic liquid in air apparatus, Packed bed extractor, Tray drier with blower, heater & weighing scale, Glass column with air blower, Packed column with, Rota meter, Vacuum Drier, Rotary drier, Bubble cap rectification
4.	Heat transfer lab	Bare & Finned Tube heat exchanger with mini boiler, pressure gauge, Condenser vertical test Rig, Natural convection apparatus, Agitated & Jacketed vessel with miniboiler, Open pan Evaporator, Forced Conversion Apparatus, Controllers for temperature, Double pipe heat exchanger with geyser, Shell & tube heat exchanger with heater, Stefan Boltzmann apparatus, Forced Convection, Horizontal Condenser, Weighing Balance
5.	Fluid mechanics lab	Packed bed with inverted U tube manometer, Fluidized bed with inverted U tube manometer, Vertical / Horizontal pipe with U tube manometer, Open drum with orifice and mouth piece, Helical coil of different diameter, Rubber Tube, Regulator, Horizontal double pipe

6.	Mechanical Operations lab	Leaf filter, Plate and frame filter press, Sieve shaker(Rotap), Sieve shaker(Gyratory), Ball mill apparatus, Cyclone separator, Compressor, Air elutriator, Rotary drum vacuum filter, Jaw crusher, Air permeability apparatus, Pulverizer, Roller Crusher, Nut & Boll, ½ inch Gate value & Ball value
7.	Organic chemistry lab	Muffle furnace, Magnetic Stirrers (5), Incinerator, Electronic Balance, Distilled water plant, Vaccum pump, Rotary shaker, Hot plates (2),
8	Physical chemistry lab	Beckmanthermometer, Surface Tension Meter, Tape Heaters, Melting point apparatus, Boiling point determinative, Apparatus, Cryostat, Dessicators (7), Water Bath, Bunsen Burner, Ostward Viscometers (10), Calorimeter, Conductivity Bridge (4), Polarimeter, Heating, Mantle(7), Dc Power Supply(2), Stabilizer, Vaccum pump with accuracies, Hot air oven, Stalalometer, Multimeter
9	Technical Analysis Lab	Muffel Furnace, Silica Crucible, Hot Air Ovan, Desiccator, Condenser, Reflux Condenser, Viscometer, Saybolt, Red wood viscometer, Bomb Calorimeter, Ph Meter, jurkurs gas Calorimeter, Conductivity meter, Open Cup Apparatus

31. Number of students receiving financial assistance from college, university, Financial assistance from Government (FIRST GRADUATE)

S.No	Year	No. of Students
1	2014 - 2015	04
2	2013 - 2014	09
3	2012 - 2013	08

4	2011 - 2012	03
5	2010 - 2011	04

Scholarship details

Year	Scholarship			Scholarship	Farmers scholarship	National Foundation for Teacher's Welfare	Central Govt merit
	BC	MBC	DNC	SC/ST			
2014-15	10	16	-	2	1	-	-
2013-14	24	7	-	5	-	-	-
2012-13	15	12	-	3	1	-	-
2011-12	14	9	-	6	-	-	-
2010-11	6	3	-	6	-	-	-

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts

Guest lecturers have been conducted periodically and the list has been furnished below.

S.No	Date	Guest Lecturer Name	Designation	Topic Delivered
1	20-07-2010	Mr Elavarasan	Safety Manager, Cognizant Technology Solution	Safety Engineering
2	13-08-2010	Mr V.K.Srivastava	Deputy General Manager (Safety), Mars, Range Operation., Sathish Dhawan Space Centre(Shar)	Chemical Process Plant Safety - Ch1402

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3	17-09-2010	Dr. Shripal Singh, Ph.D.,	Scientist E-II, CIMFR Nagpur Unit-II.	Removal Of Organic Pollutants From Aqueous Waste
4	04-03-2011	Mr.Nagendra Kumar	External Faculty, Petroleum Conservation Research Association (PCRA)	Energy Consumption
5	29-07-2011	Dr.Tanmay Basak	Professor, IIT, Madras	Chemical Process Calculations
6	30-07-2011	Mr.P.Thiagarajan	Senior Manager, Chennai Petroleum Corporation Ltd	Refining And Career Guidance
7	20-08-2011	Dr.T.Sivasankar	Assistant Professor, NIT, Trichy	Intensification Of Sonochemical Process: Challenges And Opportunities
8	15-02-2012	Mr.B.Ramakrishna.	Executive Chairman, Karnataka State Biofuel Development Board, Bangalore	A Search For Eco Friendly Fuel - Biofuel
9	18-02-2012	Dr.A.Kannan	Professor, IIT, Madras	Statistical Analysis & Design Of Experiments
10	27-07-2012	Dr.N.Vedaraman	Associate Professor, Central Leather Research Institute	Biodiesel From Tree bore Seed Oil

11	24-08-2012	Mr.Sumathy Ramamani	Associate Professor, Total Ep Quatar	Carrier In Oil & Gas Industries
12	25-08-2012	Mr.Senthil Kumaran	Associate Professor, Fl smith Pvt Ltd	Advances In Unit Operation & Process
13	12-02-2013	Dr.N.Vedaraman	Technical Officer-C, CLRI	Use Of Supercritical Fluids In Extraction And Processing
14	20-02-2013	Dr.K.Muthukumar	Associate Professor, Anna University	Process Control
15	06-08-2013	Mr.R.Srinivasan	Asst Manager, Kothari Petrochemicals Pvt Ltd	Career Opportunities
16	04-10-2013	K.Senthil Kumaran	Senior Production Engineer, Madras Fertilizer Limited	Energy Scenario- Future Challenges
17	11-10-2013	Dr.A Anbarasu	Professor, Anna University Chennai	Partial Differential Equation
18	25-01-2014	Dr.M.Chidambaram	Professor, IIT, Madras	Basics Of Modeling And Stimulation
19	31-01-2014	Dr.Basavaraja Madivala Guappa	Assistant Professor, IIT, Madras	Introduction To Colloids

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20	13-02-2014	N.Vedaraman	Technical Officer, CLRI	Opportunities And Challenges In Waste Prevention, Recycle And Disposal In Leather Industry
21	02-07-2014	Mr. M. Prabhakar	Vice President & Technical Advisor, Reliance Industries & Kothari Petrochemicals	Scenario Of Petrochemical Industries In India
22	08-08-2014	Mr.P.Shankar	Project manager, QDC-Qatar	Hazard and Operability studies
23	12-03-2015	Dr.P.Kanthabhabha	Professor and Head, Annamalai University	Applications of Process Dynamic Instrumentation and Control in Process Industries
24	14-02-2015	Prof.C.V.Raman Visiting Prof Anna University	Visiting Professor, Anna University	Reaction kinetics
25	21-02-2015	Mr.M.R.Kasinathan	L.N.V Technology	Chemical Engineering Design
26	17-02-2016	Mr.Narayanan,	Narayanan Water academy, Tuticorin	Applications of Chemical Engineering in Waste water Industries

27	09-03-2016	Dr..P.Kanthabhabha,	Professor, Annamalai University	Applications of process control in Process industries
28	14-03-16	Mr.A Gowthaman	Project coordinator, CPCL	Indian Petroleum Scenario 2020

33. Teaching methods adopted to improve student learning:

- ❖ Power point presentations,
- ❖ Video sessions,
- ❖ Seminars beyond the subject,
- ❖ Quiz
- ❖ Direct Site visit
- ❖ NPTEL

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Department of chemical engineering have actively involved in the development of morai village (New Kanniyamman nagar) by cleaning some of the water bodies, temple, school and also involved in plantation of tree samplings on 15th August 2014

“Annadhanam” camp was organized to serve lunch for the poor and needy people of surrounding village of vel tech group institutions at vel vinayagar aalayam, Vellanur Village, Avadi on 29th August 2014.

35. SWOC analysis of the department and Future plans

S.NO	STRENGTHS:
1.	Top ranking students are admitted in single window counselling.
2.	Well qualified faculty with experiences and experts in various discipline.
3.	Experts in frontier areas such as energy engineering, unconventional energy and biotechnology.
4.	Excellent infrastructure, laboratories, library with latest journals.
5.	Industry collaboration for projects for final year students.
6.	Special coaching for core competency and frontier technology to prepare the students for competitive examination, job and higher studies.

S.NO	WEAKNESS:
1.	Students admitted are mostly first graduates from rural background
2.	Non-inclusion of application of latest software packages in the curriculum

S.NO	OPPORTUNITIES
1.	Inter-disciplinary nature of chemical engineering with overlapping interest in material science and energy engineering water pollution and sustainable technology in general
2.	Vast scope in research and development that leads to benefit the common man
3.	Demand for more and more materials and energy for human comfort.

S.NO	CHALLENGES:
1.	To convert the rural Tamil medium students as job worthy graduates.
2.	To create an environment that proves that chemical engineering is an equally attractive career.

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1. **Name of the department** : Biotechnology

2. **Year of Establishment** : 2006

3. **Names of Programmes / Courses offered**

S.No	Level	Degree	Name of the course
1	UG	B.TECH	<p>Biotechnology</p> <p>Started in 2006, with intake 60, AICTE File No:730-52-447(E)/ET/2002 Affiliated to Anna University Chennai.</p>

4. **Names of Interdisciplinary courses and the departments/units involved:**

S.No	Semester	Subject Code	Subject Name	Department Handled
1	II	HS6251	Technical English II	S & H
2	II	MA6251	Mathematics II	S & H
3	II	PH6252	Physics of Materials	S & H
4	II	CY6252	Chemistry for Technologists	S & H
5	III	MA6351	Transforms & Partial Differential Equations	S & H
6	III	BT6301	Stoichiometry & Fluid Mechanics	Chemical
7	IV	MA6468	Probability & Statistics	S & H
8	IV	BT6402	Applied Thermodynamics for Biotechnologists	Chemical
9	IV	BT6411	Chemical Engineering Laboratory	Chemical
10	VI	GE6562	Employability Skills	S & H

5. Annual/ semester/choice based credit system (programme wise):

Degree	Course Offered	System Followed
B.Tech	Biotechnology	Semester Credit System

6. Participation of the department in the courses offered by other departments:

S.No	Semester	Name of the Subject	Department
1	IV	Environmental Science & Engg	Chemical
2	VII	Biochemical Engineering	Chemical

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

8. Details of courses/programmes discontinued (if any) with reasons

NIL

9. Number of teaching posts

Post	Sanctioned	Filled
Professors	1	1
Associate Professors	2	2
Asst. Professors	9	9

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization
Dr. D. Yuvaraj	M. Sc, Ph.D	Professor	Marine Biotechnology
Dr. M. Chandran	M. Sc, M. Phil, M.Tech., Ph.D.,	Associate Prof	Biochemistry
Dr. K.H. Smila	M. Sc, Ph.D	Associate Prof	Plant Biotechnology
Mrs. P.K. Gayathri	M.Tech	Assistant Prof	Biopharmaceutical Technology
Ms. M.J.T.Nithyananthi	M.Tech	Assistant Prof	Industrial Biotechnology
Mr. S. Ivo Romauld	M.Tech	Assistant Prof	Biotechnology
Ms. Devi. T	M.Tech	Assistant Prof	Biotechnology
Mr. J. Iyyappan	M.Tech	Assistant Prof	Biotechnology
Ms. K. Archana	M.Tech	Assistant Prof	Biotechnology
Ms. Anna Shiny	M.Tech	Assistant Prof	Biotechnology
Ms. Anli Dino	M.Tech	Assistant Prof	Biotechnology
Ms. Uma Roobini	M.Tech	Assistant Prof	Biotechnology

11. List of senior visiting faculty:

NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) By temporary faculty:

NIL

13. Student -Teacher Ratio (programme wise):

S.No.	Programme	Student	Teacher	Student - Teacher Ratio
1	B.Tech Biotechnology	138	12	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Technical Staff	2	0

**15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil
PG:**

S No	Name	Qualification
1	Dr. D.Yuvaraj	M.Sc., Ph.D
2	Dr. M. Chandran	M.Sc., M.Phil., M.Tech, Ph.D
3	Dr. K.H. Smila	M.Sc., Ph.D
4	Mrs. P.K. Gayathri	M.Tech
5	Ms. M.J.T.Nithyananthi	M.Tech
6	Mr. S. Ivo Romauld	M.Tech
7	Ms. Devi. T	M.Tech
8	Mr. J. Iyyappan	M.Tech
9	Ms. K. Archana	M.Tech
10	Ms. Anna Shiny	M.Tech
11	Ms. Anli Dino	M.Tech
12	Ms. Uma Roobini	M.Tech

**16. Number of faculty with ongoing projects from a) National b)
International funding agencies and grants received**

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

NIL

18. Research Centre /facility recognized by the University

NIL

19. Publications: Faculty

FACULTY PUBLICATIONS (2015-16)

S. No	Name	Title of the paper	Journal name	Volume/ issue / page No	Impact Factor
1.	D. Yuvaraj	Aquatic biomass (algae) as a future feed stock for biorefineries: a review on cultivation, processing and products	Renewable and Sustainable Energy Reviews	Vol 47: 634-653, 2015	6.2
2	D. Yuvaraj	Biobutanol production from cellulose rich lignocellulosic waste using Clostridial species	Journal of Chemical and pharmaceutical research	Vol: 7 Issue 3,2463-2469, 2015	0.4
3	D. Yuvaraj	Anti-bacterial studies on the different body parts of <i>Loligoduvauceli</i>	Journal of Chemical and pharmaceutical research	Vol 7(6):406-408, 2015	0.4
4	D. Yuvaraj	Efficacy of Probiotics on <i>Litopenaeusvannamei</i> Culture through Zero Water Exchange System.	Journal of Fisheries and Aquatic Science	2015	Scopus
5	D. Yuvaraj	Crop Rotation as a Better Sanitary Practice for the Sustainable Management of <i>Litopenaeusvannamei</i> Culture.	Asian Journal of Crop Science	Vol 7 (3): 219-232, 2015	Scopus
6	D. Yuvaraj	Attenuation of negative impacts by micro algae and enriched <i>artemiasalina</i> on <i>Penaeusmonodon</i> and <i>Litopenaeusvannamei</i> larval culture.	Journal of Fisheries and Aquatic Science	10 (5): 347-356, 2015	Scopus
7	D. Yuvaraj	Analysis of reaction parameters for the transesterification of algal oil from <i>Enteromorpha compressa</i>	Journal of Chemical and Pharmaceutical Research, ,	7(1):395-410, 2015	Scopus

		using purified lipase and whole cell biocatalyst			
8	K.H.Smila	Antioxidant and Ecofriendly Ovicidal Activity of Medicinal plants Against Some Common Plant Pests.	International Journal of Innovative Research in Science, Engineering and Technology	Vol. 4, Issue 4, pp 2152-2160, 2015	1.86

FACULTY PUBLICATIONS (2014-15)

S. No	Name	Title of the paper	Journal name	Volume/ issue / page No	Impact Factor
1	Dr.H.Sekar Babu	Phytochemical Screening of three selected Herbs used by Tribes of Nilagiri District for a Potent Drug Discovery	Int.J. ChemTech Res	Vol.6, No.9, pp 4225-4227, 2014	0.39
2	Dr.H.Sekar Babu	A Review on the Male Anti Sterility Herbs in Practice among the Rural and Tribal Communities of Western Ghats for a Potent Drug Discovery.	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol. 5, No.3, pp. 961- 965, 2014	0.35
3	Dr.H.Sekar Babu	Antioxidant, antiproliferative activities and gc-ms analysis of methanol extract of leaves of heracleum sprengeianum linn	International Journal of Pharma and Bio Sciences	5(4): (P) 346 – 356, 2014	2.958
4	Dr.H.Sekar Babu	A Review on the Herbs in Practice among the Tribal Communities of Nilagiri District for Gynecological Problem	Int Journal of Pharmacognosy and Phytochemical Research	Vol.6(3), pp 62-66 2014	1.351
5	Mr.M.Chandran	Studies on Effect of Seaweed Extracts on Crop Plants and Microbes	Int.J. ChemTech Res	Vol.6, No.9, pp 4235-4240, 2014	0.39
6	Mr.M.Chandran	Ethnobotanical Study of Medicinal Plants Used by Local People in Ariyalur District, Tamilnadu, India.	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.39
7	Mr.M.Chandran	Phytochemical Screening And Anti-Bacterial Studies In Salt Marsh Plant Extracts (Spinifex littoreus (BURM.F) MERR. and Heliotropium curassavicum L.)	Int.J. ChemTech Res	Vol.6, No.9, pp 4235-4240, 2014	0.39

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

8	Mr.M.Chandran	Green Synthesis of Gold Nano Particles from Cassia auriculata Leaf Aqueous Extract and Its Cytotoxicity Effect on in Vitro Cell Line	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.39
9	Mr.M.Chandran	Production and Process Optimization of Protease using Various Bacterial Species – A Review	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.39
10	Mr.M.Chandran	Studies on Green Synthesis, Characterization and Anti-proliferative Potential of Silver Nano Particle using Dodonaea viscosa and Capparis deciduas,	Biosciences Biotechnology Research Asia,	Vol 11 (2) PP 665-673, 2014	0.11
11	Mr.M.Chandran	Comparative Studies On Green Synthesis And Therapeutic Applications Of Silver Nano Particles Using Flacourtia Sepiaria And Rhinacanthus Nasutus,,	Int J Pharm Bio Sci ,	Vol 5 (4) Pg 560 – 569 , 2014	2.958
12	D.Yuvaraj	Biodiesel production using chemical and biological methods- A review of process, catalyst, acyl acceptor, source and process variables	Renewable and Sustainable Energy Reviews	38 Pp – 368-382, 2014	6.2
13	D.Yuvaraj	Phytochemical Screening And Anti-Bacterial Studies In Salt Marsh Plant Extracts (Spinifex littoreus (BURM.F) MERR. and Heliotropium curassavicum L.)	Int.J. ChemTech Res	Vol.6, No.9, pp 4235-4240, 2014	0.39
14	D.Yuvaraj	Studies on Effect of Seaweed Extracts on Crop Plants and Microbes	Int.J. ChemTech Res	Vol.6, No.9, pp 4225-4227, 2014	0.39
15	D.Yuvaraj	Green Synthesis of Gold Nano Particles from Cassia auriculata Leaf Aqueous Extract and Its Cytotoxicity Effect on in Vitro Cell Line	Int.J. ChemTech Res	Vol.6, No.9, pp 4241-4250, 2014	0.39
16	D.Yuvaraj	Ethnobotanical Study of Medicinal Plants Used by Local People in Ariyalur District, Tamilnadu, India	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.39
17	D.Yuvaraj	A Review on the Herbs in Practice among the Tribal Communities of Nilagiri District for Gynecological Problem	Int Journal of Pharmacognosy and Phytochemical Research	Vol.6 no.3, 2014	1.351

18	D.Yuvaraj	Kinetic Analysis Of Fatty Acid Alkyl Esters Using Whole Cell Biocatalyst And Lipase Catalyzed Transesterification From Waste Cooking Oil	Asian Jr. Of Microbiol. Biotech. Env. Sc.	Vol. 16, No. (3) 845-852, 2014	1.2
19	K.H.Smila	Studies on phytochemistry and bioefficacy of cultivars of Piper betle Linn.	International journal of research in Pharmaceutical sciences	Vol.5 no.2: 94-98, 2014	2.958
20	K.H.Smila	A Review on the Male Anti Sterility Herbs in Practice among the Rural and Tribal Communities of Western Ghats for a Potent Drug Discovery	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol.5 no.3 Page No. 961-65, 2014	0.35
21	K.H.Smila	Synthesis, Spectral and Antibacterial Studies of Semi-Organic Single Crystal: Barium Thiourea Chloride.	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol.5 no.5 : 1440- 1445, 2014	0.35
22	K.H.Smila	Ethnobotanical Study of Medicinal Plants Used by Local People in Ariyalur District, Tamilnadu, India.	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.39
23	K.H.Smila	Green Synthesis of Gold Nano Particles from <i>Cassia auriculata</i> Leaf Aqueous Extract and Its Cytotoxicity Effect on in Vitro Cell Line	Int.J. ChemTech Res	Vol.6, No.9, pp 4241-4250, 2014	0.39
24	Ms.Priya.D	Optimization and production of Extracellular alkaline phosphatase from <i>Bacillus megaterium</i>	Int.J. ChemTech Res	Vol.6, No.9, pp 4251-4258, 2014	0.39
25	Ms.Priya.D	A Review on Desalination using Membrane Distillation: Status and Potential	Int.J. ChemTech Res	Vol.6, No.9, pp 4259-4263, 2014	0.39
26	Mr.P.Vivek	Ethnobotanical Study of Medicinal Plants Used by Local People in Ariyalur District, Tamilnadu, India.	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.39
27	Mr.P.Vivek	Phytochemical Screening And Anti-Bacterial Studies In Salt Marsh Plant Extracts (<i>Spinifex littoreus</i> (BURM.F) MERR. and	Int.J. ChemTech Res	Vol.6, No.9, pp 4235-4240, 2014	0.39

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		Heliotropium curassavicum L.)			
28	Mr.P.Vivek	Green Synthesis of Gold Nano Particles from Cassia auriculata Leaf Aqueous Extract and Its Cytotoxicity Effect on in Vitro Cell Line	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.39
29	Mr.P.Vivek	Production and Process Optimization of Protease using Various Bacterial Species – A Review	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.39
30	Mr.P.Vivek	Studies On Antibacterial Activity Of Root Extract Of Costus igneus	Int.J. ChemTech Res	Vol.6, No.9, pp 4201-4206, 2014	0.39
31	Mr.P.Vivek	Insilico Structural and Functional Analysis of Nitrogen Fixing Proteins from Trichodesmium thiebautii	Int.J. ChemTech Res	Vol.6, No.9, pp 4285-4306, 2014	0.39
32	Mr.P.Vivek	Kinetic Analysis Of Fatty Acid Alkyl Esters Using Whole Cell Biocatalyst And Lipase Catalyzed Transesterification From Waste Cooking Oil	Asian Jr. Of Microbiol. Biotech. Env. Sc.	Vol. 16, No. (3) 845-852, 2014	1.2
33	P.K.Gayathri	Studies on Effect of Seaweed Extracts on Crop Plants and Microbes	Int.J. ChemTech Res	Vol.6, No.9, pp 4235-4240, 2014	0.39
34	P.K.Gayathri	Estimation of terpenoid content and its antimicrobial property in Enicostemma littorale	Int.J. ChemTech Res	Vol.6, No.9, pp 4264-4267, 2014	0.39
35	P.K.Gayathri	Phytochemical Screening And Anti-Bacterial Studies In Salt Marsh Plant Extracts (Spinifex littoreus (BURM.F) MERR. and Heliotropium curassavicum L.)	Int.J. ChemTech Res	Vol.6, No.9, pp 4307-4311, 2014	0.39
36	Nithyananthi.M.J .T	A Review on the Male Anti Sterility Herbs in Practice among the Rural and Tribal Communities of Western Ghats for a Potent Drug Discovery	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol.5 no.3 PP. 961-65, 2014	0.35
37	Nithyananthi.M.J .T	A Review on the Herbs in Practice among the Tribal Communities of Nilagiri District for Gynecological Problem	Int Journal of Pharmacognosy and Phytochemical Research	Vol.6 no 3; 2014	1.351

38	Mr. S.Ivo Romauld	Genetic Variability among Protease producing Microorganism using RAPD Technique	Int.J. ChemTech Res	Vol.6, No.9, pp 4312-4317, 2014	0.39
39	J.Kalpana	Insilico Structural and Functional Analysis of Nitrogen Fixing Proteins from <i>Trichodesmium thiebautii</i>	Int.J. ChemTech Res	Vol.6, No.9, pp 4285-4306, 2014	0.39
40	D.Kesavan	Phytochemical Screening of three selected Herbs used by Tribes of Nilagiri District for a Potent Drug Discovery	Int.J. ChemTech Res	Vol.6, No.9, pp 4225-4227, 2014	0.39
41	D.Kesavan	Screening of Antagonistic Effect of Bacteria Associated with Sea Fan Coral	APCBEE Procedia 00 (2014) 000–000	October 29-30, 2014	0.5
42	D.Kesavan	Antioxidant Activities of Methanolic Extract of Leaves of <i>Givotia rottlariformis</i> Linn.	Int.J. ChemTech Res	Vol.6, No.9, pp 4228-4234, 2014	0.39

FACULTY PUBLICATIONS (2013-14)

S. No	Name	Title of the paper	Journal name	Volume/ issue / page No	Impact Factor
1	Dr.H.Sekar Babu	Exploring the Anti-dandruff Potential of Selected Medicinal Plants	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol 4 Issue 3 Page No.392-396, 2013	0.35
2	P.K.Gayathri	Synthesis, Characterization and Hemocompatibility evaluation of polyurethane ionomers	Research Journal of Engineering and Technology	Vol.4no.4 pp 143-148, 2013	0.39
3	P.K.Gayathri	A review on seaweeds phytochemical analysis and utilization of seaweeds as biofertilizers	Research Journal of Engineering and Technology	Vol.4,no.4. pp 149-151, 2013	0.39
4	P.K.Gayathri	Polymeric nanomedicine for cancer therapy	Research Journal of Engineering and Technology	Vol.4,no.4 pp 264-267, 2013	0.39
5	Dr.H.Sekar Babu	Screening the Metal Chelating Efficacy of <i>Trichodesma Indicum</i>	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol 5,no.2,Page No. 1259-1262, 2014	0.35
6	Dr.H.Sekar Babu M.Chandran	screening the post dinner blood pressure changes in healthy adults between the age group of 19-22	Asian Jr. of Microbiol. Biotech. Env. Sc.	Vol. 16, No. (2) : 61-63, 2014	1.2

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

7	Dr.H.Sekar Babu	Utilization of Coovam Drain Canal Sludge for the Manufacture of Clay Brick.	Research Journal of Pharmaceutical, Biological and Chemical Sciences	vol 5(3) Page No. 680-86, 2014	0.35
8	Dr.H.Sekar Babu K.H.Smila, M.Nithyananthi	A Review on the male Anti sterility Herbs in practice among the Rural and Tribal Communities of Western Ghats for a potent Drug Discovery	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol.5 no.3 Page No. 961-65, 2014	0.35
9	M.Chandran	Isolation and Production of Proteolytic Enzyme by Bacterial Strains by Using Agrowastes as Substrate	Asian Journal of Chemistry	Vol.26 no.7 pp 2182-2184, 2014	0.35
10	M.Chandran	Production of Phosphate Biofertilizer Using Lignocellulosic Waste as Carrier Material	Asian Journal of Chemistry	Vol.26 no.7 pp 2065-2067, 2014	0.35
11	M.Chandran	A Comparative Study on The Protease Producing Bacteria Isolated From Dairy Effluents Of Chennai Region, Identification, Characterization and Application Of Enzyme In Detergent Formulation	Asian Jr. of Microbiol. Biotech. Env. Sc	Vol.16 no.1 pp 41-46, 2014	1.2
12	D.Yuvaraj	Biodiesel production using chemical and biological methods- A review of process, catalyst,acyl acceptor, source and process variables.	Renewable and sustainable energy reviews-Elsevier	Vol.38 – pp 368 – 382, 2014	6.2
13	Mr. P.Vivek Mr. M. Arulkirubakaran	Optimization of biodiesel production from waste cooking oil using pure lipase and <i>Rhizopus oryzae</i> through response surface methodology.	Asian Journal of Microbiology, biotechnology and environmental sciences	Vol.16 no.1 pp63-70, 2014	1.2

14	D.Priya	Evaluation Of Anticancer Activity Of Methanolic Extract Of <i>Caralluma Fimbriata</i> Wall. Against Lung Cancer Cell Line	World Journal Pharmacy And Pharmaceutical Sciences	Vol 3, Issue 4,pp 1263-1271, 2014	0.5
15	Mr.P.Vivek Ms. M. Nithyananthi	Studies on Phytochemical Screening, Antioxidant Activity and Extraction Active Compound (2-Hydroxy 4-Methoxy Benzaldehyde) From Rhizome Extract of <i>Decalepis Hamiltonii</i> Wight and Arn.	International journal of current biotechnology	Volume 2; [4];pp 31-39, 2014	0.35
16	Mr. M.Chandran Mr.P.Vivek	Biodegradation of Poly(vinyl alcohol) using <i>Pseudomonas alcaligenes</i>	Asian Journal of Chemistry	Vol.;25 no.15 pp 8663-8667, 2013	0.35

FACULTY PUBLICATIONS (2012-13)

S. No	Name	Title of the paper	Journal name	Volume/ issue / page No	Impact factor
1	Dr.H.Sekar Babu Mr. M.Chandran Mr. R.Muthezhilan	Screening the Fungus in Five Selected Cannals of the Cooum River	research journal of pharmaceutical, biological and chemical sciences	Vol.3 no.2, pp.769 - 74, 2012	0.35
2	Dr.H.Sekar Babu Mr. M.Chandran	A survey on the impact of radiation emitted by the cell phone tower on human subjects	Int. J. LifeSc. Bt & Pharm. Res.	Vol.1 no.3, Pp.1-3, 2012	0.5
3	Dr.H.Sekar Babu	Effect of Noise Pollution on Psychopharmacological and In-Life Parameter Changes in Wistar Rats Research	Journal of Pharmaceutical, Biological and Chemical Sciences	Vol.3 no.2, pp.1030 - 34, 2012	0.35
4	Dr.H.Sekar Babu	Review on health hazards of cell phone radiation - a prophylactic warning	Int J Pharm Bio Sci	Vol.4 no.1 Pp. 352 – 355, 2013	0.35

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

5	Dr.H.Sekar Babu Mr. M.Chandran	Occupational health alarm for software employees –A Review	Int J Pharm Bio Sci	Vol.4 no.1 Pp. 550 – 553, 2013	0.35
6	Dr. Arokiaraj.S Mr. Vivek.P	Free radical Scavenging and Invitro cytotoxicity activity of agnuside from Vitex agnus castus (Verbenaceae)	Journal of Pharmacy Research	Vol.5 no.5,Pp 2548-2552, 2012	0.5
7	Dr. Arokiaraj.S	Phytochemical screening, antibacterial and free radical scavenging effects of Artemisia nilagirica, Mimosa pudica and Clerodendrum siphonanthus – An In-Vitro study	Asian pacific Journal of Tropical Biomedicine (Elseiver)	Vol.1-4, 2012	1.062
8	Dr. H. Sekar Babu	Exploring indigenous method of preserving the cut fruits using different leaves	IJABPT	Vol.3 no.4 Pp.102-104, 2013	0.35
9	Dr. Arokiaraj.S	Studies On Bio Efficacy Of Weeds In Tanjore District, Tamilnadu, India	International Journal Of Pharmacy & Pharmaceutical Sciences	Vol. 4, P132. 2012	0.35
10	Ms. P.Aarthy, Ms. D.Priya Ms. K.Vidhya	<i>Optimization and production of extracellular cellulase from agricultural waste.</i>	Journal of advanced biotechnology	Vol.11 no.9 Pp.24-27, 2012	0.35
11	Mr. B.Bharathi Raja	<i>Standardisation and nutritional analysis of soup powder prepared from Moringa olifera, Solanum trilobatum, centella asiatica</i>	<i>International Journal of future biotechnology</i>	Vol.1 no.1, Pp.1-16, 2012	0.5

12	Ms. D.Priya	In vitro regeneration of Caralluma fimbriata Wall. By organogenesis: a potent medicinal plant.	Australian journal of crop science	Vol.6 no.1 Pp.41-45, 2012	0.35
13	Ms. D.Priya	In vitro Antioxidant and Preliminary Phytochemical Studies of Caralluma fimbriata Wall	International Journal of Pharmaceutical Research	Vol.4 no.2 Pp.44-48, 2012	0.35
14	Ms. D.Priya	Optimization and production of extracellular cellulase from agricultural waste	Journal of advanced biotechnology	Vol.11 no.9 Pp.24-27, 2012	0.39
15	Mr. B.Bharathi Raja	Integrated dairy plant effluent for the production of Micro algae (Chloralla vulgaris)	<i>International Journal of Chemical Reactor Engineering</i>	Vol.;10, A74, 2012	0.5
16	Mr. B.Bharathi Raja Mr. M.Chandran Mr. M.Arulkirubakaran	Effect of Liquid Based Microbes in the Enhancement of Nutrients and Metabolic Pathways in Lycopersicon esculentum	Trends in Biosciences	Vol.5 no.4 Pp. 274-278, 2012	0.5
17	Mr. B.Bharathi Raja Mr. M.Chandran Mr. M.Arul kirubakaran Mr. P.Vivek	Biodegradation of Polyvinyl alcohol using Pseudomonas alcaligenes	Asian Journal Of Chemistry	Volume 25, 2013	0.5
18	Mr. B.Bharathi Raja	Optimization Of Bacteriocin Production By Lactobacillus Using Response	International Journal of Bioprocess Technology	Vol.1 no.1Pp. 1-9, 2012	0.35

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

		Surface Methodology			
19	Mr. Chandiran .M Dr.Arokiaraj.S	Studies on phytochemistry of 100 plants in chennai, India	British jurnal of pharmaceutical research	Vol.3 no.3 Pp.407-419, 2013	0.35
20	Dr. Arokiyaraj.S Mr. Vivek.P	Free Radical Scavenging And In Vitro Cytotoxicity Activity of Agnuside from Vitex agnus castus(Verbenacea)	Jurnal of pharmacy research	Vol.5no.5 Pp.2548-2552, 2012	0.35

STUDENTS PUBLICATIONS (2015 – 2016)

S. No	Name	Title of the paper	Journal name	Volume/ issue / page No	Impact factor
1	Suvasini B, Chellathai, Fouziya	Anti-bacterial studies on the different body parts of Loligo duvauceli	Journal of Chemical and pharmaceutical research	Vol 7(6):406-408, 2015	0.4

STUDENTS PUBLICATIONS (2014 – 2015)

S. No	Name	Title of the paper	Journal name	Volume/ issue / page No	Impact factor
1	Sathak Sameer S.M, Manigandan P	Antioxidant, antiproliferative activities and gc-ms analysis of methanol extract of leaves of heracleumsprengelianumlinn	International Journal of Pharma and Bio Sciences	5(4): (P) 346 – 356, 2014	2.958

2	Sowmya.V, Sindhuja .V	Production and Process Optimization of Protease using Various Bacterial Species – A Review	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.35
3	Giridharan. T	Studies on Green Synthesis, Characterization and Anti-proliferative Potential of Silver Nano Particle using <i>Dodonaeaviscosa</i> and <i>Capparisdeciduas</i> ,	Biosciences Biotechnology Research Asia,	Vol 11 (2) PP 665-673, 2014	
4	Giridharan. T	Comparative Studies On Green Synthesis And Therapeutic Applications Of Silver Nano Particles Using <i>Flacourtiasepiaria</i> and <i>Rhinacanth usnasutus</i> ,	Int J Pharm Bio Sci ,	Vol 5 (4) Pg 560 – 569, 2014	2.958
5	Sathishpandiyan S Prathap S	Ethnobotanical Study of Medicinal Plants Used by Local People in Ariyalur District, Tamilnadu, India.	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.35
6	T. Sudharsanaa, A. Bharghavi, G. Sri Sowmeya, Gopika Balaram	Insights on Lignocellulosic Pretreatments for \biofuel Production – SEM and reduction of Lignin Analysis	Int.J. ChemTech Res	Vol.6, No.9 PP.4334-4445	0.39
7	SanthanaBharathi N Sathishpandiyan S Prathap S	Insilico Structural and Functional Analysis of Nitrogen Fixing Proteins from <i>Trichodesmiumthiebautii</i>	Int.J. ChemTech Res	Vol.6, No.9, pp 4285-4306, 2014	0.35
8	Gokulnath M	Phytochemical Screening And Anti-Bacterial Studies In Salt Marsh Plant Extracts (<i>Spinifexlittoreus</i> (BURM.F) MERR. and	Int.J. ChemTech Res	Vol.6, No.9, pp 4235-4240, 2014	0.35

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

		Heliotropiumcurassavicum L.)			
9	Ranjithkumar. R. Chakravarthy. M. Yogendran. D.	Kinetic Analysis Of Fatty Acid Alkyl Esters Using Whole Cell Biocatalyst And Lipase Catalyzed Transesterification From Waste Cooking Oil	Asian Jr. Of Microbiol. Biotech. Env. Sc.	Vol. 16, No. (3) 845-852, 2014	
10	Ranjithkumar. R. Chakravarthy. M.	Biodiesel production using chemical and biological methods- A review of process, catalyst, acyl acceptor, source and process variables	Renewable and Sustainable Energy Reviews	38,Pp 68-382, 2014	6.0
11	Arun. D	Studies on Effect of Seaweed Extracts on Crop Plants and Microbes	Int.J. ChemTech Res	Vol.6, No.9, pp 4235-4240, 2014	0.35
12	PriyaTharishini P Saraswathy N.C	Green Synthesis of Gold Nano Particles from Cassia auriculata Leaf Aqueous Extract and Its Cytotoxicity Effect on in Vitro Cell Line	Int.J. ChemTech Res	Vol.6, No.9, pp 4276-4284, 2014	0.35
13	Indumathi C Durgadevi G Nithyavani S	Estimation of terpenoid content and its antimicrobial property in <i>Enicostemma littorale</i>	Int.J. ChemTech Res	Vol.6, No.9, pp 4264-4267, 2014	0.35
14	PavithraSivakumar, M.Sutha	A Review on Desalination using Membrane Distillation: Status and Potential	Int.J. ChemTech Res	Vol.6, No.9, pp 4259-4263, 2014	0.35
15	D. Yogendran, R. Ranjith Kumar, M. Chakravarthy,	Biofuels from sewage sludge – A review	Int.J. ChemTech Res	Vol.6, No.9 PP. 4417-4427	0.39
16	Gayathri. R Mahalakshmi. T	Antioxidant and Ecofriendly Ovicidal Activity of Medicinal plants Against Some Common Plant Pests	Int. J. of Inn. Res. in Sci., Engg and Tech.	Vol. 4, Issue 4, pp 2152-2160, 2015	1.86
17	Ranjithkumar. R. Chakravarthy. M. Yogendran. D.	Aquatic biomass (algae) as a future feed stock for biorefineries: a review on	Renewable and Sustainable Energy Reviews	Vol 47: 634-653, 2015	6.2

		cultivation, processing and products			
18	Sudarsana Bhargavi Srisowmeya	Biobutanol production from cellulose rich lignocellulosic waste using Clostridialspecies	Journal of Chemical and pharmaceutical research	Vol: 7 Issue 3,2463-2469, 2015	0.39
19	Kotteshwari J. Mithun C. Uma Maheswaran A.	Cloning, expression and characterization of serine proteasegene from Entrococushirae	BioTechnology: An Indian Journal	Vol 11 / Issue 9 / Pg 328- 334, 2015	
20	Suvasini. D Fouziya. R Chellathai. T	Anti-bacterial studies on the different body parts of Lologoduvauceli	Journal of Chemical and pharmaceutical research	Vol 7(6):406-408, 2015.	0.4

STUDENTS PUBLICATIONS 2013 –2014

Sl. No	Name	Title of the paper	Journal name	Volume/ issue / page No	impact factor/ snip/ ssr
1	Nirmala Nithya R, Shanmathi S, Rohini M	Exploring the Anti-dandruff Potential of Selected Medicinal Plants	Research Journal of Pharmaceutical, Biological and Chemical Sciences	S Volume 4 Issue 3 Page No.392-396, 2013	1.2
2	Anusha K, Shwetha Balakrishnan I	Screening the Metal Chelating Efficacy of Trichodesma Indicum	Research Journal of Pharmaceutical, Biological and Chemical Sciences	Vol 5(2) Page No. 1259-1262, 2014	1.2

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3	Sathak sameer s.m, Manigandan p, anusha k	Screening the post dinner blood pressure changes in healthy adults between the age group of 19-22	Asian Jr. of Microbiol. Biotech. Env. Sc.	Vol. 16, No. (2) : 61-63, 2014	0.39
4	E.Balaji J. Vigneshwar C.Chandramohan M.Fazil ahmed	Isolation and Production of Proteolytic Enzyme by Bacterial Strains by Using Agrowastes as Substrate	Asian Journal of Chemistry	Vol. 26, No.7 (2014) : 2182- 84, 2014	0.39
5	A.Manisha A.Subashini	Production of Phosphate Biofertilizer Using Lignocellulosic Waste as Carrier Material	Asian Journal of Chemistry	Vol. 26, No.7 (2014) : 2065- 67, 2014	0.39
6	M.Fazil ahmed	A Comparative Study on The Protease Producing Bacteria Isolated From Dairy Effluents Of Chennai Region, Identification, Characterization and Application Of Enzyme In Detergent Formulation	Asian Jr. of Microbiol. Biotech. Env. Sc	Vol. 16, No. (1) : 41-46, 2014	0.39
7	D.Arun	2 A review on seaweeds phytochemical analysis and utilization of seaweeds as biofertilizers	RJET	Vol.4 no.4 PP.149-151, 2013	0.39
8	C.Indumathi Durgadevi	3 Polymeric nanomedicine for cancer therapy	RJET	Vol.4 no.4 PP.264-266, 2013	0.39

STUDENTS PUBLICATIONS 2012 –2013

Sl. No.	Name	Title of the paper	Journal name	Volume/ issue / page No	impact factor/ snip/ ssr
1	Vigneshwar, M.Ffazil ahmed, E.Balaji Gayatri kaur and Sunisha sugunan	A survey on the impact of radiation emitted by the cell phone tower on human subjects	Int. J. LifeSc. Bt & Pharm. Res.	Vol.1 no.3, PP. 1-3, 2012	0.35
2	Meenakshi K , Deepika B , Gayathri K	Effect of Noise Pollution on Psycopharmacological and In-Life Parameter Changes in Wistar Rats Research	Journal of Pharmaceutical, Biological and Chemical Sciences	Vol.3 no.2, PP 1030 -34, 2012	0.35
3	Nirmala Nithya.R, Shanmathi.S, Rohini.M, Subashini.A	Exploring indigenous method of preserving the cut fruits using different leaves	IJABPT	Vol.3 no.4 PP. 102-104, 2013	0.39
4	Shyamali J, Thulasi RM, Chandramohan	Screening the Fungus in Five Selected Cannals of the Cooum River April – June 2012	Research journal of pharmaceutical, biological and chemical sciences	Vol.3(2) 769 -74, 2012	0.39

Number of publications listed in International Database (For Eg: Web of Science, , Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Sl. No	Name	Title of the Book	Publisher	ISBN/ ISSN number
1	Dr.H.Sekar Babu	Lab animal maintenance	Marina Publishers	ISBN - 9352148623752
		Folk Medicine	Sam Publishers	ISBN- 9789380485416

Monographs	Nil
Chapter in Books	Nil
Books Edited	Nil
Books with ISBN/ISSN numbers with details of publishers	2
Citation Index	Nil
SNIP	145
SJR	621
Impact Factor	67
h-index	430

20. Areas of consultancy and income generated:

S No	Year	Title of Consultancy Project	Funding Agency	Amount (Rs.In Lakhs)
1	2013-2014	Papain Extraction Technology	Green Earth Technologies	0.75
1	2014-2015	Histo pathology studies	Marina labs	0.20
2	2014-2015	Marine aquarium	Amrutha foods, hyderabad	0.20
3	2014-2015	Biomarker screening	Armats biotek training & research institute	0.18
4	2015-16	Fresh Water ornamental fish farm	Liberty Aquarium	0.60

21. Faculty as members in

a) National committees

Sl. No.	Faculty Name	Association
1	Mr. M. Chandran	Indian Science Congress
2	Mr. D. Kesavan	Indian Science Congress
3	Dr. D. Yuvaraj	Biotech Research Society of India, IAENG
4	Dr. Smila. K. H	Biotech Research Society of India, IAENG
5	Ms. Gayathri P K	Biotech Research Society of India, IAENG
6	Ms. Nithyananthi	Biotech Research Society of India, IAENG
7	Ms. J. Kalpana	Biotech Research Society of India, IAENG

b) International Committees

Nil

c) Editorial Boards

1. Dr. H. Sekar Babu - Editor- International Journal of Applied Biology

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

S.No.	% of students who have done In-house Project
1	34.88% (2014-2015)

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

S.No.	Name of the Programme	% of students who have done outside Project
1	Biotechnology	65.11% (2014-2015)

23. Awards / Recognitions received by faculty and students Faculty

S. No.	Name of faculty	Awards of recognition received	International/ National
1	Dr. M. Chandran	Abdul Kalam Award for contribution in Education	National
2	Dr. H.Sekar Babu	Best Teacher Award 2013- Awarded by Education Today	National
3	Dr. Arokiyaraj	Best Teacher Award 2014- Awarded by Education Today	National
4	Mrs.P.K.Gayathri	Best Performer Award - National conference on transfigures on bioscience and technology at Madha engineering college. 2 nd prize in paper- National level Conference on 'Advances in Marine Bioscience and technology: current status, prospects and challenges, AMET	National
5	Mr.P.Vivek	First Prize- National level technical symposium "ChemSparX-12" at adhiyamaan college of engineering	National

Students

S. No.	Name of the student	Awards of recognition received	International/ National
1	Nandhini P Elakiya M	Best Innovation Award , Project Expo- VISAI 2016, International Project Exhibition & competition, VTU	International
2	Keshav Huthaash Gowtham Raja Suresh	I Prize in 5 th International conference on Technology development and agricultural energy and environmental engineering for Green World	International
3	Umesh Raj R Naveen Kumar	II Prize in 5 th International conference on Technology development and agricultural energy and environmental engineering for Green World	International
4	Sudeshna Chakraborty Pavithra B	II Prize in National Symposium on Recent Trends in nanomedicine	National
5	Pallabi Sen S.Aishwarya	I prize in project exhibition conducted by TNSCST under Students project scheme	National
6	Arun kumar Saravanan	Best Innovation Award , Project Expo- VISAI 2015, International Project Exhibition & competition, VTU	International
7	Pallabi Sen S.Aishwarya	Received Rs.7,500 from TNSCST under Students project scheme	National
8	Pallabi Sen Aishwarya.S	Best Innovation Award , Project Expo- VISAI	International

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

		2014, International Project Exhibition & competition, VTU	
9	A.Bhargavi T.Sudharsanaa	I st Prize- Poster Presentation, AMET University	National
10	Sambrinath Santhana bharathi.N	I st Prize- Poster Presentation- Biofest 2014, IIT, Madras	National
11	D.Arun	II nd Prize - Paper Presentation, AMET University	National
12	P.Devaki K.Swathi	III rd Prize- Model Presentation, AMET University	National
13	J.Rithika S.Dhanasree	III rd Prize- Technical Quiz, St.Joseph's College Of Engineering	National
14	V.Duraipandi	II nd Prize- Paper Presentation, AMET University	National
15	K. Anusha B. Shwetha	Best paper award- Paper Presentation, J.J. College of Arts & Science, Pudukottai	National
16	P.Ragavi G.Saipooja G.Priyadharshini M.Suguna	Won I st prize in Non technical event, Prathyusha Institute of technology & management	National
17	R.Hanisha R.Felcitta Aarthi	Paper presentation - National Symposium, Prathyusha institute of Technology & Management	National

18	S.Jenifer D.C.Subashini Kanchana Devi G.S.Gaya	Participation- National level student seminar on 'Applied Science in Health & Environment' at Sathyabama University	National
19	V.Priyanga A.Padma D.Ruby	Participation - Symposium: JET HELIX' 14, PRATIYOG-2K14 at Jeppiaar Engineering College	National
20	G.Sai Pooja S.Mahalakshmi M.Suguna Ezhilarasi	Participation- Symposium: JET HELIX' 14, PRATIYOG-2K14 at Jeppiaar Engineering College	National
21	G.Jail Singh R.Sundararajan Bhavani	Third Prize- Symposium: JET HELIX' 14, PRATIYOG-2K14 at Jeppiaar Engineering College	National
22	P.Venkatesh M.Chandiran Umesh Vignesh Vasantha Kumar Balasubramaniam	Participation -3 rd Edition of Biosummit 2014 at VIT University	National
23	D.Yogendran R.Ranjith Kumar M.Chakravarthy	Participation- National level workshop on Biofuel and Bioenergy At St.Joseph's Engineering College	National
24	K.Sowndarya S.S.Suruthi R.Nikisha Sree B.Dhivya	Participation- MoES Sponsored one Day National Seminar on "Global Warming – Causes, Impacts and remediation at SSN College of Engineering	National

ANNA UNIVERSITY RANK HOLDERS

Sl. No	Name of the student	Year	Anna University Rank
1	Anupama N	2014-2015	15
2	Jenifer S	2014-2015	27
3	Sowmiya. V	2013-2014	9

4	Arun Samuel pandian	2013-2014	23
5	Deepika. D	2012-2013	16
6	Abinisha. S. A	2012-2013	24
7	Meenakshi. K	2011-2012	8
8	Sowmiya	2011-2012	28
9	Dhanalakshmi. D	2010-2011	6
10	Surasikha Rangarajan	2010-2011	20
11	Venkatesaperumal. V	2010-2011	29

24. List of eminent academicians and scientists / visitors to the department

Sl. No.	Date	Name of the academician/ scientist/ visitor	Designation
1	04/05/2015	Dr. Thakur	Scientist, CFTRI,mysore
2	14/05/2015	Dr. Subhendhu Otta	Scientist, CIBAchennai
3	05/05/2015	Dr. V. Deepak Samuel	Scientist, NCSCM
4	25/1/2014	Dr.S.V.Raman	Retd., Professor, Anna University, Chennai
5	10/3/2014	Dr.N.Anatharaman	Professor, Anna University, Chennai
6	15/03/2014	Dr.S.Anbarasu	Professor, MIT, Chennai
7	17/09/2013	Dr. S.Murali	Professor Department of Biotechnology Anna university
8	17/07/2013	Dr.Michael Gromiha.M	Associate Professor, IIT Madras
9	07/08/2013	Dr.S.V. Raman	Retd., Professor, Anna University,

			Chennai
10	10/1/2013	Dr. T.Viruthagiri	Professor & Head, Dept. Of Chemical Engineering, Annamalai University
11	10/1/2013	Dr.C.Karthikeyan	Professor, Dept. Of Chemical Engineering, Annamalai University
12	09/02/2013	Dr.S.Anbarasu	Professor , MIT, Chennai
13	21/07/2012	Dr.S.Anbarasu	Professor , MIT, Chennai
14	26/07/2012	Dr.P.Suresh kumar	Professor, Anna University, Trichy.
15	28/07/2012	Dr.S.Ramalingam,	Professor, Anna University, Chennai
16	02/08/2012	Dr.Balasubramaniam	Professor, Stanley Medical College, Chennai
17	04/08/2012	Dr.R.Palpandi Raja	Professor, Anna University, Chennai
18	06/09/2012	Dr.S.V.Raman	Professor, Anna University, Chennai
19	07/09/2012	Dr.V.I.Hairul Islam	Director, Center for medical sciences, Pondicherry
20	27/09/2012	Dr.M.Michael Gromiha	Associate Professor, IIT Madras
21	27/12/2011	Mr. Alwyn Ebanazer	Scientist, IISc Bangalore, Bangalore
22	07/01/2012	Dr. S. Prashanth	Scientist, Cholayil Research lab, Ambathur
23	21/01/2012	Mr. Barath manikanth,	Scientist, Dr. Reddy's Lab, Hyderabad
24	27/01/2012	Mr. Vijay kumar	Branch Manager, ITC Ltd, Hyderabad

25	28/01/2012	Dr.S.Anbarasu	Associate Professor, MIT, Chennai
26	08/02/2012	Dr.A.Gnanamani	Senior Scientist, CLRI, Chennai
27	11/02/2012	Dr.S.Anbarasu	Associate Professor, MIT, Chennai
28	18/02/2012	Dr. P. Raja Guru	Professor Anna University of Technology, Trichy
29	10.03.2012	Dr.N. Arunagirinathan	Professor, Presidency college, Madras university, Chennai.
30	28.03.2012	Dr.S.Anbarasu	Associate Professor, MIT, Chennai

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

Sl. No	Name of the programme	Source of funding	Title/ topic	Venue	Month/ Year
1	FDP - SWSS	AICTE	Advanced training in marine microbiology and industrial applications	Lord Ayyappan Hall, VTHT	06-05-2015 to 19-05-2015
2	Two weeks AICTE Sponsored Faculty Development Programme	AICTE	Application of Nanotechnology in Diagnostic and therapeutic procedures	Lord Ayyappan Hall, VTHT	15.11.2013 to 28.11.2013
4	National Seminar	CSIR	Frontiers in industrial micro biotechnology and application in downstream procedures	Saravana Vel Auditorium, VTHT	11.09.2013 & 12.09.2013

5	National conference	CSIR	Exploring Biomaterial for clinical practice	Convention Centre, VTHT	14.08. 2013
6	National Seminar	AICTE	Recent Trends in Advanced Fermentation Technology	Lord Ayyappan Hall, VTHT	14. 03.2013 & 15. 03.2013
7	National Conference	CSIR	Traditional Medicine : the Untapped Treasure in Modern Drug Discovery	Lord Ayyappan Hall, VTHT	30.01.2013 & 31.01.2013
8	National Seminar	CSIR	Applications of Nanotechnology in Diagnostic and Therapeutic Procedures	Lord Ayyappan Hall, VTHT	20.12.2012 & 21.12.2012
9	National Seminar and National Science Day Celebrations	TNSCS T	Frontiers in Marine Biotechnology	Lord Ayyappan Hall, VTHT	28.02.2012

FACULTY DEVELOPMENT PROGRAMME ON APPLICATIONS OF NANOTECHNOLOGY IN DIAGNOSTIC AND THERAPEUTIC PROCEDURES



Inauguration- Dr. Balakumar Theory session

Director in charge- Centre of Nanosciences- Anna Univeristy



Theory session



Practical Session

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage	Academic Year
			*M	*F		
B. Tech Biotechnology	-	43	11	32	97.7%	2014-2015
B. Tech Biotechnology	-	50	15	35	98%	2013-2014
B. Tech Biotechnology	-	52	13	39	98%	2012-2013
B. Tech Biotechnology	-	56	19	37	91%	2011-2012

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad	Academic Year
B. Tech Biotechnology (IV year)	95	5	Nil	2015-2016
B. Tech Biotechnology (III Year)	91.3	8.4	Nil	2014-2015
B. Tech Biotechnology (II Year)	96.3	4.7	Nil	2013-2014

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

2014-15

Sl. No	Name of the student
1	Anupama N
2	Jenifer S
3	Hanisha
4	Chakravarthy M

2013-14

Sl. No	Name of the student
1	Sowmiya. V
2	Jaswanth

29. Student progression

Student progression	2014 - 15	2013- 14	2012-2013	2011-2012
UG to PG	6	17	15	40
PG to M.Phil.	-	-	-	-
PG to Ph.D.	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-

Employed				
• Campus selection	26	24	11	4
• Other than campus recruitment	8	8	24	6
Entrepreneurship/Self-employment	3	1	2	-

30. Details of Infrastructural facilities

a) Library

The Department of Biotechnology has well established library with text books and reference books in different disciplines in addition to the access to the central library which is available 24 x7 for all staff and students for ready reference. It has about 125 books in different field of Biotechnology

b) Internet facilities for Staff & Students

Seperate digital library with more than 170 systems are availabe for for staff and students 48 Mbps internet connection is available. Internet hour has been included in the time table.

a) Class rooms with ICT facility

All class rooms provided with facility for OHP and LCD projectors.

2. Laboratories

1. BIO CHEMISTRY LAB

Sl. No.	Name of the Items	Quantity Available
1	UV-Vis Spectrometer	1
2	Colorimeter	1
3	Table Tops Centrifuge	1

2. BIO ORGANIC CHEMISTRY LAB

Sl. No.	Name of the Items	Quantity Available
1	Water bath incubator shaker	1

3. CELL BIOLOGY LAB

Sl. No.	Name of the Items	Quantity Available
1	Carbon-di-oxide incubator	1
2	Fluorescent microscope	1

4. MICROBIOLOGY LAB

Sl.No.	Description of Equipment	Quantity available
1	Laminar Air-flow inoculation chamber (Horizontal type)	1
2	Autoclave	1

3	Hot-Air Oven	1
4	UV-Vis Spectrometer.	1

5. INSTRUMENTAL METHODS OF ANALYSIS LAB

Sl. No.	Description of Equipment	Quantity available
1	UV Spectrophotometer	1
2	Chromatographic columns (50 mm X 20 mm)	6

6. MOLECULAR BIOLOGY LAB

Sl. No.	Description of Equipment	Quantity available
1	Image system	1
2	Plat form Rocker II	2
3	Deep freeze	1

7. BIO PROCESS LAB

Sl. No.	Description of Equipment	Quantity available
1	Gas Analyzer	1
2	UV spectrophotometer	1
3	Fermentor	6

8. GENETIC ENGINEERING LAB

Sl. No.	Description of Equipment	Quantity Available
1	PCR machine	1
2	Ice-flake machine	1
3	ELISA reader	2

9. IMMUNOLOGY LAB

Sl. No.	Description of Equipment	Quantity Available
1	Phase contrast microscope	1
2	Fluorescent microscope	1
3	CO ₂ Incubator	1

10. DOWN STREAM PROCESSING LAB

Sl. No.	Description of Equipment	Quantity Available
1	Sonicator	1
2	Microfiltration	1
3	Ultra filtration module	1
4	UV spectrophotometer	1
5	Fermentor	1

Biotechnology Laboratories





Genetic Engineering Laboratory and Molecular Biology Laboratory



Bioprocess Laboratory



Bioorganic Chemistry Laboratory



Microbiology Laboratory



Biochemistry Laboratory

31. Number of students receiving financial assistance from college, university, government or other agencies

Financial assistance from Government for First Graduate

Sl. No	Year	No. Of Students
2	2014-2015	93
3	2013-2014	64
4	2012-2013	45
5	2011-2012	42

Scholarship details

Year	Scholarship				
	OC	BCM	BC	MBC/DNC	SC/SCA
2014-2015	-		40	24	29
2013-2014	1	3	32	16	12
2012-2013	-	-	23	4	18
2011-2012	-	-	23	4	15

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Sl. No	Date	Topic	Designation	Name
1	29.7.2015	Drug Manufacturing	Professor, Sri Ramachandra Universtiy	Dr. Rajalakshmanan Eswaramoorthi
2	27.07.2015	Proteomics	Professor, IITM	Dr. N. Manoj
3	09.03.2015	Bioprocess plant and Scale up methods	Professor ,IISc, Bangalore	Shri. P.T. Raghuram
4	19.02.2015	Genomes and Mapping Techniques	Associate Professor, IIT Madras	Dr.Michael Gromiha.M
5	14.02.2015	Probablity and statistics	Professor MIT,chennai	Dr.S.Anbarasu
6	25.1.2014	Chemical reaction engineering	Retd Professor, Anna University, Chennai	Dr.S.V.Raman
7	10.3.2014	Unit operations and Thermodynamics	Professor ,Anna University,chennai	Dr.N.Anatharaman
8	15.03.2014	Probablity and statistics	Professor MIT,chennai	Dr.S.Anbarasu
9	17.09.2013	Biopharmaceutical Technology	Professor, Dept. Of Biotechnology, Anna University, Chennai	Dr. S. Murali
10	17.07.2013	Bio-Informatics	Associate Professor, IIT Madras	Dr. Michael Gromiha. M
11	07.08.2013	Principles Of Chemical Engineering	Retd Professor, Anna University, Chennai	Dr. S.V Raman
12	13.08.2013	Biopharmaceuticals and Drug Delivery System	Professor, Dept. Of Biotechnology, Anna University,	Dr. S. Murali

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			Chennai	
13	14.08.2013	Biodegradable polymers	Principal Scientist, Polymer Division, Central Leather Research Institute, Chennai	Dr. S. N. Jaisankar
14	30.01.2013	Importance of medicinal plants in drug discovery	Director King Institute of Preventive Medicine & Research, Chennai	Dr. P. Gunasekaran
15	30.01.2013	Synergy between antibiotics and phytochemicals	Professor & Head DBT, IIT Madras	Dr. Mukesh Doble
16	30.01.2013	Sanga Elakkya Thavarangalin Maruthva Gunangal	Professor & Head Dept. Of Tamil, Pope John Paul II College of Education, Pondicherry	Dr. Arokia Doss
17	31.01.2013	Trace elements in medicinal plants	Professor & Head Department of Plant Sciences, University of Hyderabad	Dr. M.N.V. Prasad
18	31.01.2013	Antiviral compounds of medicinal plants	Scientist, King Institute of Preventive Medicine & Research, Chennai	Dr. Siva Subramanian
19	31.01.2013	Anticandidal property of new active principles of Acorus calamus	Senior Scientist & Head Dept. Of Microbiology CLRI, Chennai	Dr. A. Gnanamani
20	20.12.2012	Nanomaterials in Diagnostics and therapy	Principal Scientist, CLRI	Dr. A. Sivasamy

21	20.12.2012	Application of Nanoparticles in Medicine	Director, Crystal Growth centre, Anna University, Chennai	Dr.Arivuoli,
22	21.12.2012	Nanobiotechnology for Biomedical Application	Director, Pondichery Centre for Biological Sciences, Pondichery	Dr. Hairul Islam
23	21.12.2012	Targeted drug delivery system using nanocrystalline material	Crystal Growth Centre, Anna University	Prof. Dr.J.Kumar
24	07.09.2012	Animal cell culture techniques workshop	Director, Pondichery Centre for Biological Sciences, Pondichery	Dr.V.I.Hairul Islam,
25	28.02.2012	Frontiers in Marine Biotechnology	Former Dean Fisheries College And Research Institute Tuticorin	Prof.Dr.V.Sundararaj
26	28.02.2012	Role of probiotics in shrimp culture	Asst. Professor Dept. Of advanced zoology & biotechnology Govt. College, Nandanam Chennai	Dr. G. Dalmin

33. Teaching methods adopted to improve student learning:

Teaching methods adopted

- ❖ Chalk and talk
- ❖ Use of LCD projectors for lecture presentations
- ❖ Use of OHP sheets for better understanding of schematic diagrams
- ❖ Preparation of models for structure oriented studies
- ❖ Conducting quiz based on MCQ principle
- ❖ Guest lectures are provided by eminent professors in their respective fields

- ❖ Frequent industrial visits related to the topic of study are conducted every semester for better understanding of their subjects
- ❖ Annual conference is conducted every year to discuss about the recent trends in Biotechnology.
- ❖ Students are encouraged to participate in external events like conferences, seminars, workshops, symposium, quiz competition etc to improve their art of studies

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Every year our students used to contribute their donations for different charitable institutions on Independence day. During 2012 and 2013, they had donated various things like provision and stationary items to orphanages in Pattabiram and Korattur. In 2014, they contributed for renovation of Library.

35. SWOC analysis of the department and Future plans

STRENGTHS	
1	Faculty qualification and experience
2	University rank holders
3	Infra structure facility
4	Publications – faculty and students
5	Lab facility
6	Faculty participation- conference, seminar, workshop, FDP
7	Students participation- Extra curricular and Co- curricular

8	Support and encouragement from management
9	Placement facility
10	Training towards placement
11	Events organized by government sponsore (CSIR, AICTE,TNSCST)
12	Fund received for students project (TNSCST, MOTOROLA)
WEAKNESS	
1	Lack of consultancy
2	Lack of patents
3	Lack of collaborative research
4	Lack of research projects
5	Lack of research centre
OPPORTUNITIES	
1	Higher studies
2	Entrepreneurship for students
3	Research funds from Government agencies like DBT, DST, CSIR etc.
4	Research assistance in core company
5	Ph.D opportunities for faculty
6	MoUs with industries

7	Development of new technologies
8	Publications with high impact factor
CHALLENGES	
1	Maintenance of academic quality (result 90%)
2	Placement in core Biotechnology area
3	Balance between academics and administration work
4	Receiving research fund from Government agencies
5	Updation of latest technologies and news
6	Improving technical skills

1. **Name of the department:** MASTERS OF BUSINESS ADMINISTRATION

2. **Year of Establishment :** 2006

3. **Names of Programmes / Courses offered:**

S.No	Level	Degree	Name of the course
1	PG	MBA	Masters of Business Administration Started in 2006, with intake 60, AICTE File No:730-52-447(E)/ET/2002 Affiliated to Anna University Chennai.

4. **Names of Interdisciplinary courses and the departments/units involved**

S.No	Semester	Subject Code	Subject Name	Department
1	I	BA7102	Statistics for Management	Mathematics
2	II	BA 7205	Information Management	MCA
3	II	BA7211	Data Analysis and Business Modeling	MCA
4	II	BA7201	Operations Research	Mathematics
5	III	BA7301	Enterprise Resource Planning	MCA

5. **Annual/ semester/choice based credit system (programme wise)**

S.NO	Degree	Courses Offered	System Followed
1	MBA	Business Administration	Semester Based Credit System

6. Participation of the department in the courses offered by other departments

S.No	Subject Code	Subject Name	Department
1	GE2022	Total Quality Management	Mechanical, ECE
2	MG2851	Principles of Management	Mechanical, ECE, Civil
3	MG2451	Engineering Economics & Cost Accounting	Mechanical
4	MG2452	Engineering Economics & Financial Accounting	CSE, IT
5	GE2025	Professional Ethics	EEE

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

8. Details of courses/programmes discontinued (if any) with reasons

NIL

9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	1	1
Associate Professors	1	1
Asst. Professors	6	6

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. Etc.,)

S. No	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D.
1	Dr.H.Moideen Batcha	B.sc(Chem), MBA, M.phil, Ph.D	Professor	Hr & Mkt	15	1
2	Dr. N. Akbar Jan	B.A, MBA,Ph.D	Associate Professor	Finance & Hr	14.10	1
3	Mr. K.A.Harish	B.E(Mech), MBA	Assistant Professor	Marketing	16.4	Nil
4	Mrs.Evangeline.E.T	BISM, MBA	Assistant Professor	Hr & Mkt	8.3	Nil
5	Mrs. T.Sirisha	B.Com(Comp), MBA	Assistant Professor	Finance	5.10	Nil
6	Mr.N.Vinodh	MBA, M.phil	Assistant Professor	Hr & Systems	6.3	Nil
7	Mr.S.Saravana Mahesh	BBA., MBA	Assistant Professor	Hr & Marketing	11	Nil
8	Mrs.Lumina Julie R	B.com., MBA	Assistant Professor	Finance & System	7	Nil

11. List of senior visiting faculty –

NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

NIL

13. Student -Teacher Ratio (programme wise):

S.No	Level (UG/PG)	No. Of Students	Degree	Faculty	Student Faculty Ratio
1	PG MBA	87	MBA	8	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

NIL

15. Qualifications of teaching faculty with DSC/ D.Litt/ Ph.D/ M.phil / PG.

S.NO	Name	Qualification
1	Dr.H.Moideen Batcha	B.sc(Chem), MBA, M.phil, Ph.D
2	Dr. N. Akbar Jan	B.A, MBA, Ph.D
3	Mr. K.A.Harish	B.E(Mech), MBA
4	Mrs.Evangeline.E.T	BISM, MBA
5	Mrs. T.Sirisha	B.Com(Comp), MBA
6	Mr.N.Vinodh	MBA, M.Phil
7	S.Saravana Magesh	B.com,MBA
8	R.Lumina Julie	B.Com., MBA

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received -

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received –

NIL

18. Research Centre /facility recognized by the University –

NIL

19. Publications:

a) Publication per faculty

Number of papers published in peer reviewed journals (national / International) by faculty and students

Journal:

S.No	Faculty involved	Title	Journal Name	Volume and Issue details	Impact factor/ Indexed
1	Dr.H.Moideen Batcha	Use of Structural Equation Modeling to Empirically Study the Impact of Organizational Climate on Employees' Work Related Attitude in Information Technology Organizations in Chennai City	Indian Journal of Science and Technology	Vol 9(2), DOI: 10.17485/ijst/2016/v9i2/86353, January 2016	Scopus and Anna University Annexure II
2	Dr.N.Akbar Jan	Use of Structural Equation Modeling to Empirically Study the Impact of Organizational Climate on Employees' Work Related Attitude in Information Technology Organizations in Chennai City	Indian Journal of Science and Technology	Vol 9(2), DOI: 10.17485/ijst/2016/v9i2/86353, January 2016	Scopus and Anna University Annexure II

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3	Mrs.Evangeline	Organisational Culture and Motivation as Instigators for Employee Engagement	Indian Journal of Science and Technology	Vol 9(2), DOI: 10.17485 /ijst/2016/v9i2/86353, January 2016	Scopus and Anna University Annexure II
4	Mrs.Evangeline	Leveraging Organization Culture for Employee Engagement- A Key to Competitive Advantage	Journal of Applied Sciences Research	ISSN:1819-544X Sep-2015	Anna University Annexure II
5	Mrs.Evangeline	Impact of Intrinsic and Extrinsic Motivation towards Employee Engagement	The International Journal's Research Journal of Social Sciences and Management	Volume-5, Issue-4 August 2015	(Impact factor 3.9) ISSN – 2251-1571/ Impact factor 3.951 Indexed in SJIF, Ulrich and Google Scholar
6		Trends In Employee Engagement	International Journal Of Applied Management And Business Utility	Jan-2014, Vol-2, Issue-2	-
7	Mr.Vinoth	Use of Structural Equation Modeling to Empirically Study the Impact of Organizational Climate on Employees' Work Related Attitude in Information Technology Organizations in Chennai City	Indian Journal of Science and Technology	Vol 9(2), DOI: 10.17485 /ijst/2016/v9i2/86353, January 2016	Scopus and Anna University Annexure II
8	DR.B.R.Celia	A study on work life Balance of women Employed in Export Processing Zones	Indo Global Journal of applied Management Science	Volume -2, Issue No:3 , April 2014	-
9	DR.B.R.Celia	An Analysis on the Cash Management Practices at BPO's	The International Journal Research Journal of	Volume-4, Issue:3 July 2014	3.8

			Social Science and Management		
10	Dr. H. Moideen Batcha	Influence of Organizational Climate on the Performance of Cement Industry	International Journal of Economic Research	Volume-11 Issue No. :1 June 2014	Anna University Annexure II Indexed
11	Dr. H. Moideen Batcha	Problems of Edible Oil Marketing in Tamil Nadu	SNS Journal of Marketing	Volume-3 Issue-1 June 2012 ISSN:09757627	-
12	K.A.Harish	Knowledge Management through e-Learning	International Journal of Advanced Research in Computer Science and Software Engineering	Volume-2 Issue-9 Sep 2012 ISSN:2277128	-
13	Dr.H.Moideen Batcha	A study on Preparedness level in soft skills in placement amongThe Institutionstudents of Trichy	Journal of Financial Services and Management	Volume-2 Issue -1 March 2011 ISSN:09761632	-
14	Dr.H.Moideen Batcha	FDI Boom in India	International Journal of Applied Management Research	Volume-3 Special Issue Jun-2011 ISSN:09748709	-
15	Dr.H.Moideen Batcha	A Study on Effective Utilization of Health care services of Primary Health Centre and Sub centre	International Journal of Applied Management Research	Volume-2 Special Issue Dec-2010	-

				ISSN: 0974870 9	
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Conference:

S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Dr.H.Moideen Batcha	The State of Organizational Climate in Tapping the Potential Productivity of Women Under the Indian Economic Context	ISBN: 978-93- 82570-66-0	Future Challenges And Innovative Trends In Make In India	-
2	Dr.N.Akbar Jan	An Enhanced Smart Multiple Account E- Banking Integrated System - Service Oriented Approach	ISBN: 978-93- 82570-66-0	Future Challenges And Innovative Trends In Make In India	-
3	Mrs.Evangeline	Leveraging Organization Culture for Employee Engagement - A Key to Competitive Advantage	ISBN: 978-93- 82570-66-0	Future Challenges And Innovative Trends In Make In India	-
4	Mr. N.Vinoth	Performance Appraisal	ISBN: 978-93- 82570-66-0	Future Challenges And Innovative Trends In Make In India	-
5	Mrs. R.Lumina Julie	The Investigation of Risk Analysis and Risk Management in	ISBN: 978-93- 82570-66-0	Future Challenges And Innovative	-

		Selected Branches of Cooperative Banks in Tamil Nadu		Trends In Make In India	
6	DR.B.R.Celia	Fundamental Analysis Appraising Companies Performance in the Automobile Sector	ISBN: 978-93-82570-41-7	Future Challenges and Innovative Trends in Global Business Environment	-
7	Dr. H. Moideen Batcha	Challenges and Prospects of Agricultural Marketing in India	ISBN: 978-93-82570-41-7	Future Challenges and Innovative Trends in Global Business Environment	-
8	Mr.N.Akbar Jan	Consumer Behaviour in Tablet Computer Market in Chennai City	ISBN: 978-93-82570-41-7	Future Challenges and Innovative Trends in Global Business Environment	-
9	Mrs.T.Sirisha	A study on the Attitude of Women Entrepreneurs about Micro finance towards utilization of their respective business in Kanchipuram District	ISSN:2249-1864	Journal of Empirical Research in Management	-
10	Mrs.T.Sirisha	Entrepreneurial Indicators among Mgt students Vs Non Mgt Students	ISSN: 2319-6076	Spectrum	-
11	Mrs.T.Sirisha	Impact of Gender on Spirituality	ISBN : 978-81-920639-3-5	Conducted by ISOL	-
12	Mrs.T.Sirisha	Vedic Foundations of	ISBN: 978-81-	Impact of	-

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		Indian Mgt	920639-1-1	gender Spirituality	
13	Mrs. E.T.Evangeline	A conceptual approach to consumerism leading to stress in kids due to influence of parents and ads	ISBN NO. 0978-81-905380-1-5	Paper Published In Edited Book	-
14	Mrs. E.T.Evangeline	The importance of English Language in today's global world	Book ISBN NO. 97881-898-43465	Paper Published In Edited	-
15	Mrs. E.T.Evangeline	Employee Attitude and Values leads the organization – A study focused towards the employees of a hypermarket in Chennai city.	ISBN NO.9788183713870	Paper Published in Conference	-
16	Mr.K.A.Harish	Entrepreneurship Development- Scope & Problems Of An Entrepreneur	ISBN-13978-93-80530-52-9@ 2012	Published in Conference Proceedings	-
17	Mr.K.A.Harish	'Quality Work Life And Its Impact On Labor Welfare'	Isbn-13978-93-80530-52-9@ 2012	Published in Conference Proceedings	-
18	Mr.K.A.Harish	HRM In Virtual Organization'	Isbn-13978-93-80530-52-9@ 2012	Published in Conference Proceedings	-
19	Dr.N.Akbar Jan	Factors Impelling Job satisfaction among IT Professionals in Chennai.	INTERNATIONAL JOURNAL OF APPLIED BUSINESS AND ECONOMIC RESEARCH,	Volume 13, Issue: No: 8, pp. 75- 88 ISSN 0972-7302.	-
20	Dr.N.Akbar Jan	Impact of Organizational Climate on Organization Citizenship Behaviour with respect to automotive industries	INTERNATIONAL JOURNAL OF APPLIED BUSINESS AND ECONOMIC RESEARCH	Volume 13, Issue: No: 8, pp. 97- 114 ISSN 0972-7302.	-

		at Ambattur Industrial Estate, Chennai			
21	Dr.N.Akbar Jan	Use of structural equation modelling to empirically study the impact of Organizational climate on employees' work related attitude in Information Technology organizations in Chennai city	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	Volume 9, Issue 1, ISSN 0974-5645.	-
22	Dr.N.Akbar Jan	Competency Based Training Need Assessment for IT Companies in Chennai	LIFE SCIENCE JOURNAL	Volume 9, No 4 (Cumulated No. 31), December 25, 2012. life0904 ISSN: 1097-8135,	-
23	Dr.N.Akbar Jan	The Effectiveness of Training in IT sector in Chennai	INTERNATIONAL LEVEL QUARTERLY JOURNAL OF MANAGEMENT AND SCIENCE	Special issue X, Volume- 4 December 2012 ISSN 2249-1260	-
24	Dr.N.Akbar Jan	Employees' Training and Development in IT Sector: An Essential Instrument for Effectiveness of Organizational Productivity	EUROPEAN JOURNAL OF SCIENTIFIC RESEARCH	Volume 81, Issue 3 , No 3 ISSN 1450-216X, pp.397-407.	-

(b) Publication per Students

S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	P.Raja	An Analysis on the Cash Management Practices at BPOS	Vol 4, No 3 July 2014	The International Journal's Research Journal of Social Sciences and Management	ISSN – 2251-1571/ Impact factor 3.951 Indexed in SJIF, Ulrich and Google Scholar

(c) Conference per student

S.No	Faculty involved	Title	Conference Name	ISBN NO.
1	D.Deepak Rajkumar And A.Rathina Kumar	Entrepreneurship Education	ENMAN' 12	978-81- 924827-4-3
2	S.Deepika And K.Balarenuka	The Rise Of Student Entrepreneurs In India	ENMAN' 12	978-81- 924827-4-3
3	P.Dinesh And M.Kovendhan	International Technology Transfers	ENMAN' 12	978-81- 924827-4-3
4	V.S.Elayaraja And K.Ganesh Kanna	The Entrepreneurship Management	ENMAN' 12	978-81- 924827-4-3
5	K.Gopinath And R.Mariswaran	International Technology Transfers	ENMAN' 12	978-81- 924827-4-3
6	S.Jayaraman And G.Ramkumar	Changing Role Of Entrepreneur	ENMAN' 12	978-81- 924827-4-3
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9	S.Monisha And M.Chitra	Entrepreneurial Growth	ENMAN' 12	978-81- 924827-4-3
10	A.Nithya Devi And V.J. Mohana Priya	Entrepreneurship Management	ENMAN' 12	978-81- 924827-4-3
11	C.Premanand And M.Babu	Entrepreneurship Management	ENMAN' 12	978-81- 924827-4-3
12	K.Suresh And C.Rajkumar	Entrepreneurship Development Program In India	ENMAN' 12	978-81- 924827-4-3
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	& B.Abinaya			
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52	K Bhavani	Service and Service Oriented Industries	INNOVATIO'15	978-93-82570-66-0
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77	G. Muralidaran	Development of E-Commerce in India	INNOVATIO'15	978-93-82570-66-0
78	M. Easwar and J. Prakash	A Study on Foreign Direct Investment	INNOVATIO'15	978-93-82570-66-0
79	K. Sangeetha Kalai and K. Soundari	Brand Management	INNOVATIO'15	978-93-82570-66-0
80	H. Jayashree and R. Soundariya	Corporate Social Responsibility in India	INNOVATIO'15	978-93-82570-66-0
81	M. Bharathi and V. Jamuna Priyanka	E-Learning	INNOVATIO'15	978-93-82570-66-0
82	S. Satchin Mithra Shree and V. Ashika	History and Development of E-Governance	INNOVATIO'15	978-93-82570-66-0
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89	P. Nikil and B. Manivannan	Applications of Computer in Business Management	INNOVATIO'15	978-93-82570-66-0
90	S. Lekha	Indian Railways: Trends, Budget,	INNOVATIO'15	978-93-82570-

		Recruitment, Problems and Solutions		66-0
91	S. Jeevalakshmi and S. Dinesh	Recycle Management	INNOVATIO'15	978-93-82570-66-0
92	C. Damodharan and Veenam Chanti Maruti	A Study on Banking Sector in India	INNOVATIO'15	978-93-82570-66-0
93	T. Prathipa and R. Kileo Aishwarya	A Dream of Developed India	INNOVATIO'15	978-93-82570-66-0
94	V. Kavitha	Automated Medical Machine (AMM)	INNOVATIO'15	978-93-82570-66-0
95	V. Sam Moses and V. Gnana Prakasam	Financial System of India	INNOVATIO'15	978-93-82570-66-0
96	C. Shanmuga Priya	Impact of Media on Society	INNOVATIO'15	978-93-82570-66-0
97	M. Bharath Kumar and R. Prakash	Magnitude of Robots in Indian Manufacturing Industry	INNOVATIO'15	978-93-82570-66-0
98	A. Sudharsanam and B.A. Fawaz Ahamed	Retail Marketing	INNOVATIO'15	978-93-82570-66-0
99	R. Merbin and R. Arun Mozhi Varman	A Case Study on Employee Engagement	INNOVATIO'15	978-93-82570-66-0
100	L.U. Soundariya	Future Trends and Challenges in Microbiology in Food Industry	INNOVATIO'15	978-93-82570-66-0
101	S. Boopathy and Ashwin Kumar	Work Life Balance	INNOVATIO'15	978-93-82570-66-0
102	R. Laveena and Angelina Devakirubai	A Study on Make in India Concept with Regard to Pain in China Gain in India	INNOVATIO'15	978-93-82570-66-0

Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

S.No	Particulars	Status
1	Monographs	NIL
2	Chapter in Books	NIL
3	Books Edited	NIL
4	Books with ISBN/ISSN numbers with details of publishers	29
5	Citation Index	3
6	SNIP	4
7	SJR	4
8	Impact factor	11
9	h-index	NIL

20. Areas of consultancy and income generated –

S.NO	YEAR	TOPIC	ORGANIZATION NAME	FACULTY INVOLVED	AMOUNT
1	2012-2013	Strategic Plan	Mercury Manufacturing Company Ltd, Tambaram	Dr.B.Balaji Mrs.Evangeline.E.T	40,000
2	2012-2013	Performance Appraisal	Majestic Engineering, Ambattur Industrial Estate	Dr.B.Balaji Mrs.Evangeline.E.T	30,000
3	2012-2013	Market Potential	Annai Dates	Dr.B.Balaji Mrs.Evangeline.E.T	30,000
4	2013-2014	SWOT Analysis	Sri Narayana Fireworks Industries Ltd,Sivakasi	Mr.K.Balakrishnan Mr.N.Akbar Jan	60,000
5	2013-2014	Financial Management	Madras Radiators and Pressing Ltd, Gummudippondi	Mr.K.Balakrishnan Mr.N.Akbar Jan	40,000
6	2014-2015	SWOT Analysis	Sri Narayana Fireworks Factory Pvt Ltd,Sivakasi	Dr.B.R.Celia Dr.H.Moideen Batcha	70,000
7	2014-2015	Share Trading	Majestic Engineering, Ambattur Industrial Estate	Dr.B.R.Celia Dr.H.Moideen Batcha	30,000
8	2015-2016	Performance Appraisal	Sakthi Software Solutions,Chennai	Dr.H.Moideen Batcha Dr.N.Akbar Jan	40,000
9	2015-2016	Strategic Plan	Sri Narayana Sparkles Industries Pvt Ltd,Sivakasi	Dr.H.Moideen Batcha Dr.N.Akbar Jan	60,000

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards -

NIL

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

S.No.	Name of the Programme	% of students who have placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies
1	MBA (Business Administration)	100%

23. Awards / Recognitions received by faculty and students

S.No	Name Of The Student	Name Of Event / Topic	Date &Year
1	Suresh .P	Participate -International Conference On competency building strategies in business technology for sustainable development	19-02-2016
2	Suresh .P	Participate on Chennai 2016 –walkathon	30-01-2016
3	Rajaram .	1 st prize in Idea India speech Competition	25-09-2015
4	Suresh .P	Participate in Idea India speech competition	25-09-2015
5	Suresh .P	Participate in fast freeze green and clean – Chennai marathon 2015	04-10-2015
6	Suresh .P	Southern railway head quarters hospital –blood donated	29-09-2015
7	Suresh .P	Sweden –India Nobel memorial quiz 2015	3-08-2015

8	Shantha kumar.S	Sweden –India Nobel Memorial quiz 2015	30-08-2015
9	Thulasi.M.G	Participate IN DHONI '15(CED)	03-03-2015
10	Rajendran	Participate IN DHONI '15(CED)	03-03-2015
11	Sridhar.K.M	Participate IN DHONI '15(CED)	03-03-2015
12	Muralidran.G	Participate IN DHONI '15(CED)	03-03-2015
13	Shantha Kumar	Participate IN DHONI '15(CED)	03-03-2015
14	Navaneethan.C	Participate IN DHONI '15(CED)	03-03-2015
15	Sridhar .D	Participate IN DHONI '15(CED)	03-03-2015
16	Arunzunai Kumaran	Participate IN DHONI '15(CED)	03-03-2015
17	Prem kumar	Participate IN DHONI '15(CED)	03-03-2015
18	Ms.E.Jayalakshmi (1 st Year) - VHM444	Best Paper Award in International conference on Business excellence, Strategies & Transcendence (Best2014)	23-01-2014
19	Mr.D.Manikandan(2 nd yr) - VHM385	Best Paper Award in International conference on Business excellence, Strategies & Transcendence (Best2014)	23-01-2014
20	Mr.D.Manikandan(2 nd yr) - VHM385	Best Paper Award in International conference on Business excellence, Strategies & Transcendence (Best2014)	23-01-2014

24. List of eminent academicians and scientists / visitors to the department

S.No	Date	Topic	Name of the Guest	Designation & Organization
1	23-02-2011	"HR Trends and Challenges "	Mr.G.Chaitanya, M.B.A,PhD,FDP-IIM(A)	Professor,IIM
2	04-03-2011	Research Methodology	Dr.J.Reeves Wesley	Research Consultant
3	07-03-2011	Japanese Manufacturing Practices"	Mr.G.Krishnamurthy	Manager, Grandhee Construction Pvt. Ltd.
4	0703-2011	Entrepreneurial Success	Mr.Ritesh Kateriya	President OperationsChennai Bazaar.com
5	28-10-2011	Transformational Leadership	Prof. Dr. S. Ganapathy venkatasubramanian Ph.D	Professor, Anna University, Chennai.
6	29-10-2011	Management Science - Practice by doing : The Simulation Way	Mr.Ganesh.S,Business	Consultant, Campus Levers(An association of IIM)
7	03-11-2011	Born to Win	Ms.Arthy Devadoss	Certified Corporate SS & IT Trainer
8	14-08-2012	Blue Ocean Strategy	Dr.Kabali P.Subramanian	Professor, Sultanate of Oman
9	13-02-2014	Interview – Interaction Skills	Mr. Harish Sankaran	MMA – Co-Ordinator
10	07-08-2014	Contemporary Issues In The Stock Exchange	Mr.C.Gurunathan	BSE(MD)
11	01-09-2014	Inauguration Speech	Mr.Ganesh.T.A -	IDBI- Manager
12	30-09-2014	Entrepreneurial Development Cell	Khubus - Mr. Mohan Narayanan	Managing Director-
13	13-02-2014	Interview Interaction Skills	Mr.Harish Sankaran	MMA – Trainer

14	07-08-2014	Contemporary issues in the stock exchange	Mr.Gurunathan	Manager Business Development - BSE
15	30-09-2014	Nurture Entrepreneur Competencies	Mr. Mohan Narayanan	Managing Director- Khubus
16	23-02-2015	Stepping Stone to Success	Mrs.Uma Baskaran	President – Axis Bank
17	19-03-2015	Nurturing Young Entrepreneur	Mr.C.K.Kumaravel	CEO,Naturals

Guest Lecture Photo Snapshots:



Mr.C.Gurunathan, Lectured on Contemporary Issues in the Stock Exchange on 7th August 2014



Mr.C.K.Kumaravel, CEO, Naturals Lecturing on Nurturing Young Entrepreneurs on 19th March 2015



Mrs.Uma Baskaran, Vice President, Axis Bank Lecturing on Stepping Stone to Success on 23rd February 2015



Mr. Harish Sankaran, Trainer, Madras Management Association



Mr.Ganesh.T.A, General Manager, IDBI Bank

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National b) International

Source of Funding: Self

S. N O	Name of the Event	Type of the event	Date of the event and Duration	Funded by level/Association	Resource Persons
1	INNOVATIO' 15' Future Challenges and Innovative Trends in Make in India	Conference	21-09-2015	Self Funding	Dr. K. Rajeshwari Managing Director Bioklone Biotech Pvt.ltd.,
2	INNOVATIO' 14 Future Challenges and Innovative Trends in Global Business Environment	Conference	15-09-2014	Self Funding	Mr.S.Kalyanaraman, HR-Head, Renault Nissan Technology
3	INNOVATIO' 13 Future Challenges and Innovative Trends in Global Business Environment	Conference	27-09-2013	Self Funding	E.Bhaskaran,EDI,G ovt.of India
4	ENMAN'12 Entrepreneurship Development	Conference	14-09-2012	Self Funding	Ms.Alka Pinto, Head Learning,Qualcomm



Mr.S.Kalyanaraman, HR-Head, Rennault Nissan Technology



Ms. Alka Pinto, Head, Learning, Qualcomm



INNOVATIO 2015



Dr. K. Rajeshwari, Managing Director, Bioklone Biotech Pvt.ltd



26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage	Year
			*M	*F		
MBA	-	36	25	11	100%	(2011-2012)
MBA	-	51	30	21	100%	(2012-2013)
MBA	-	56	25	31	100%	(2013-2014)
MBA	-	43	22	21	87.5%	(2014-2015)

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad	Year
MBA	97.78%(44)	2.22%(1)	NIL	2015-2016
MBA	93.02%(40)	6.97%(3)	NIL	2014-2015
MBA	92.8% (52)	7.14% (4)	NIL	2013-2014

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? -

NIL

29. Student progression

Student progression	Against % enrolled			2014-16
	2011-2013	2012-2014	2013-2015	
UG to PG	NA	NA	NA	NA
PG to M.Phil.	NA	NA	NA	NA
PG to Ph.D.	NA	NA	NA	NA
Ph.D. to Post-Doctoral	NA	NA	NA	NA
Employed				
• Campus selection	40%	50%	19.64%	20%
• Other than campus recruitment	15%	20%	42.88%	NIL
Entrepreneurship/Self-employment	-	10%	-	

30. Details of Infrastructural facilities

✓ Library

The Library has got a collection of over 226 Volumes, 30 Titles, & 50 Reference Books in the areas of Management & 12 National Journals Presently in the Library.

✓ Internet facilities for Staff & Students

- ❖ Internet Facilities are given to all Faculty members.
- ❖ For all the students the Internet Facilities are allocated in the Internet Lab & Digital Library.
- ❖ Department Library Equipped with 2 Computers with Internet Facility.

✓ Class rooms with ICT facility

- ❖ ICT Tools like LCD Projectors & OHP used in class room for assistance in Lecture delivery

✓ Laboratories

Sem/Branch	Course Code	Course Title
II/MBA-Master of Business Administration	BA7211	Data Analysis and Business Modeling

- ❖ Communication Lab for the Improvement of Students Communication Skills
- ❖ Business Application Software Lab

31. Number of students receiving financial assistance from college, university, Government or other agencies

SC, BC, MBC

Financial Assistance from Government:

Government or other agencies

SC, BC, MBC – GOVT. SCHOLARSHIP

Financial assistance from Government (First Graduate)

S.No	Year	No. of Students
1	2015 - 2016	28
2	2014 - 2015	8
3	2013 - 2014	6
4	2012 - 2013	8
5	2011 - 2012	9
6	2010 - 2011	-

Scholarship details

Year	Scholarship			Scholarship	Farmers scholarship	National Foundation for Teacher's welfare	Central Govt merit
	BC	MBC	DNC	SC/ST			
2015-16	7	4	-	17	-	-	
2014-15	-	-	-	8	-	-	-
2013-14	4	-	-	2	-	-	-
2012-13	5	3	-	-	-	-	-
2011-12	6	1		2	-	-	-
2010-11	-	-	-	-	-	-	-

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts

S.No	Date	Topic	Name of the Guest	Designation & Organization
1	23/02/2011	"HR Trends and Challenges "	Mr.G.Chaitanya, M.B.A,PhD,FDP-IIM(A)	Professor,IIM
2	04/03/2011	Research Methodology	Dr.J.Reeves Wesley	Research Consultant
3	07/03/2011	Japanese Manufacturing Practices"	Mr.G.Krishnamurthy,	Manager, Grandhee Construction Pvt. Ltd.
4	07/03/2011	Entrepreneurial Success	Mr.Ritesh Kateriya	President - Operations, Chennai

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				Bazaar.com
5	28/10/2011	Transformational Leadership	Prof. Dr. S. Ganapathy venkatasubramanian Ph.D,	Professor, Anna University, Chennai.
6	29/10/2011	Management Science -Practice by doing : The Simulation Way	Mr.Ganesh.S,Business	Consultant, Campus Levers(An association of IIM)
7	03/11/2011	Born to Win	Ms.Arthy Devadoss	Certified Corporate SS & IT Trainer
8	14/08/2012	Blue Ocean Strategy	Dr.Kabali P.Subramanian	Professor,Sultanate of Oman
9	13/02/2014	Interview – Interaction Skills	Mr. Harish Sankaran	MMA – Co-Ordinator
10	07/08/2014	Contemporary Issues In The Stock Exchange	Mr.C.Gurunathan	BSE(MD)
11	01/09/2014	Inauguration Speech	Mr.Ganesh.T.A -	IDBI- Manager
12	30/09/2014	Entrepreneurial Development Cell	Khibus - Mr. Mohan Narayanan	Managing Director-
13	13/02/2014	Interview Interaction Skills	Mr.Harish Sankaran	MMA – Trainer
14	07/08/2014	Contemporary issues in the stock exchange	Mr.Gurunathan	Manager Business Development - BSE
15	30/09/2014	Nurture Entrepreneur Competencies	Mr. Mohan Narayanan	Managing Director-Khibus
16	23/02/2015	Stepping Stone to Success	Mrs.Uma Baskaran	President – Axis Bank
17	19/03/2015	Nurturing Young Entrepreneur	Mr.C.K.Kumaravel	CEO,Naturals

33. Teaching methods adopted to improve student learning

TEACHING LEARNING PROCESS

- ❖ Academic Calendar
- ❖ Maintenance of Course files
- ❖ Quality of Problems in Assignments/Tests/Semester Examinations
- ❖ Tutorial Classes / Remedial Classes / Mentoring
- ❖ Feedback system
- ❖ Self Learning and Learning beyond Syllabus

Academic Calendar

- ❖ Month of Printing : Every year in the month of MAY & NOV
- ❖ Date of Issue : Every year on the day of re-opening
/ Commencement of classes
- ❖ No. of instruction hours : 450 periods / 90 days per semester
- ❖ Academic calendar is prepared and published prior to beginning of each academic year.
- ❖ The academic calendar shows the start and end of each semester by listing
- ❖ various academic activities that are to be held
- ❖ the internal evaluation schedule to be followed and
- ❖ The start and end of each semester as prescribed by the University.

Maintenance of Course files

- ❖ Central academic monitoring cell is formed to monitor the maintenance of course files and class deliveries.
- ❖ This cell is constituted with the Principal as Head and Head of the Departments as the members of the cell.

This cell provides the guidelines for:

- ❖ preparation of course files,
- ❖ planning of cycle tests and
- ❖ Maintenance of attendance records.
- ❖ Computerized academic monitoring system is in practice.

For each subject, a course file is prepared by the faculty concerned. The course file consist the following items:

- ❖ Master Time Table
- ❖ Academic Schedule-Course Timetable
- ❖ Individual Time Table
- ❖ Syllabus
- ❖ Course Materials
- ❖ Assignment Questions for Unit I-V
- ❖ 5 years University question paper with answer key
- ❖ Student Name List
- ❖ Seminar Topic
- ❖ Lesson plan
- ❖ Log Book (Attendance and Assessment Monitoring)
- ❖ Special Class Time table
- ❖ Cycle test question papers with answer key
- ❖ Slip test questions
- ❖ Weak Student List (Slow Learners)
- ❖ Tutorial Class Time Table and Topics to be Discussed
- ❖ Individual Result Analysis
- ❖ Question bank (2, 8,16 marks)
- ❖ Beyond the syllabus topics with material

- ❖ Model question paper with answer key

Examination and Evaluation Processes:

- ❖ Time table preparation for the conduct of cycle test and model examinations
- ❖ Invigilation list is prepared with consultation of departments
- ❖ Seating arrangements
- ❖ Hall Allocation to the faculty
- ❖ Invigilation
- ❖ Submission of attendance and absentees list to the principal
- ❖ Intimation to the faculty for the valuation
- ❖ Valuation
- ❖ System Entry
- ❖ Revaluation
- ❖ Result Analysis

EXISTENCE OF VARIOUS COMMITTEES

- ❖ Anti Ragging Committee
- ❖ Safety Committee
- ❖ Anti Gender Harassment Committee
- ❖ Hostel Committee
- ❖ Grievance Committee
- ❖ Sports Committee
- ❖ Facilities Committee

35. Participation in Institutional Social Responsibility (ISR) and Extension activities

Contributed to Municipality School towards Building Fund

35. SWOC analysis of the department and Future plans

S.NO	STRENGTH
1	Magnanimous Management with a visionary President & Vice President and a dedicated, Dynamic Principal
2	Excellent and Dedicated Faculty and intelligent students reflected in the results
3	Sacred and Peaceful Environment
4	Well equipped infrastructure
5	Able to maintain a balance between curricular and co – curricular activities for the holistic development of the students
6	Excellent academic results and high pass percentage and thus students bringing laurels to the Institution
7	Got 7 th Place in GHRDC B-School Survey and Top ranks in Outlook, The Week, Chronicle etc.
8	Admission based on merit and Govt. norms and is completed earlier and in a transparent manner.

S.NO	WEAKNESS
1	Many students are First Generation Learners
2	No Funded Project
3	Consultancy work to be improved

4	Research Partnership with Industries to be initiated
5	Not having Research Centre

S.NO	OPPORTUNITIES
1	Faculty can guide students to pursuing PhD Degree.
2	Students can take up Research that more M.O.U's can be entered into with reputed Professional Institutions.
3	The Institution can enter into M.O.U's with reputed Companies to facilitate employment
4	The Institution through student participation in various social outreach programmes can Adopt villages thereby contributing to the society.
5	The Institution is in constant rapport with the eminent academicians who visit for guest Lectures and thus the institution can easily cope up in case of scarcity of faculty in emerging areas by appointing them on part –time basis.

S.NO	CHALLENGES
1	To upgrade the skills of the students to enhance employability rate of the students.
2	To motivate and guide the students admitted from Tamil Medium and improve their Communication skills.
3	To motivate the First Generation Learners to pursue Higher education.
4	To keep in pace with upcoming technologies in the Emerging Management Field
5	Prepare the students as Research Oriented

1 .Name of the department: MASTERS OF COMPUTER APPLICATIONS

2. Year of Establishment : 2007

3. Names of Programmes / Courses offered :

S.No	Level	Degree	Name of the course
1	PG	MCA	Masters of Computer Applications Started in 2007, with intake 60, AICTE File No:730-52-447(E)/ET/2002 Affiliated to Anna University Chennai.

4. Names of Interdisciplinary courses and the departments/units involved – (Mathematics & ECE)

Sl.No.	Semester	Subject Code	Subject Name	Department Handled
1	I	MA7151	Mathematical Foundation for computer Applications	S&H
2	III	MC7302	Embedded Systems	ECE
3	IV	MC7401	Resource Management Techniques	S&H
4	I	MC7113	Communication Skill Laboratory	S&H
5	III	MC7311	Embedded Systems Laboratory	ECE
6	IV	MC7413	Technical Seminar and Report Writing	S&H
7	I	MC9215	Accounting And Financial Management	MBA
8	II	MA9221	Mathematical Foundations Of Computer Science	S&H
9	III	MC9232	Microprocessors And Its Applications	ECE
10	III	Mc9238	Microprocessor Lab	ECE

11	IV	Mc9242	Resource Management Techniques	S&H
12	IV	MC7413	Technical Seminar and Report Writing	S&H

5. Annual/ semester/choice based credit system (programme wise)

S.No	Degree	Courses Offered	System followed
1	M.C.A	Masters of Computer Applications	Semester based credit System

6. Participation of the department in the courses offered by other departments NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

8. Details of courses/programmes discontinued (if any) with reasons

NIL

9. Number of teaching posts

Post	Sanctioned	Filled
Professors	1	0
Associate Professors	2	0
Asst. Professors	9	12

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

SNo	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Stunts guided for the last 4 years
1	Mr M.Sakthivel	B.Sc., MCA., M.E.,	Assistant Professor	Computer Applications	10	Nil
2	Mr R. Sankar	B.Sc., MCA.	Assistant Professor	Computer Applications	8	Nil
3	Mr J.Senthil Murugan	B.B.A., MCA. M.Tech.	Assistant Professor	Computer Applications	4	Nil
4	Mr T. Sathish Kumar	BCA.,MCA.,	Assistant Professor	Computer Applications	5	Nil
5	Mr R. Jayabal	B.Sc., MCA.	Assistant Professor	Computer Applications	5	Nil
6	Mrs R. Latha	B.Com (CA) MCA., ME.,	Assistant Professor	Computer Applications	4	Nil
7	Mr D. Dhayalan	BCA. MCA.	Assistant Professor	Computer Applications	8	Nil
8	Mr S.K. Manigandan	BCA. MCA, M.Tech.	Assistant Professor	Computer Applications	5	Nil
9	R M. Ashok Kumar	B.Sc.,MCA	Assistant Professor	Computer Applications	2	Nil
10	Mr R.Palanivel	B.Sc, MCA.	Assistant Professor	Computer Applications	11	Nil

11	V . Shalini	B.Sc., MCA.	Assistant Professor	Computer Applications	4	Nil
12	V.Rajasekaran	B.Sc., MCA.	Assistant Professor	Computer Applications	3	Nil

11. List of senior visiting faculty:

NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

NIL

13. Student -Teacher Ratio (programme wise):

S.No	Programme	No. of Students	No. of Staff	Student-Teacher Ratio
1	M.C.A	122	12	15:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

S.No.	Post	Sanctioned	Filled
1	Technical Staff	2	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Sl.No	Name	Qualification
1	Mr D. Dhayalan	BCA., MCA.,
2	Mr M.Sakthivel	B.Sc., MCA.,M.E.
3	Mr R. Sankar	B.Sc.,MCA.,
4	Mr J.Senthil Murugan	BBA, MCA, M.Tech.,
5	Mr T. Sathish Kumar	BCA., MCA.,
6	Mr R. Jayabal	B.Sc.,MCA.,
7	Mr R. Palanivel	B.Sc., MCA.,
8	Mrs R. Latha	B.Com(CA),MCA, ME.,
9	Mr S.K.Manigandan	B.C.A.,MCA.,M.Tech.,
10	R M. Ashok Kumar	B.Sc.,MCA
11	V. Shalini	B.Sc.,MCA.,
12	V.Rajasekaran	B.Sc.,MCA.,

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

NIL

18. Research Centre /facility recognized by the University:

NIL

19. Publications: a) Publication per faculty: Conference

S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	.D.Dhayalan	Business Intelligence and Analytics using Mobile Devices with Cloud Computing	p.no-393-396,2014	INNOVATIO' 14	-
2	M. Sakthivel	An Investigation of privacy information in cloud computing	p.no30-34 2014	RECHZIG – 2014	-

b) Publication per faculty: Journal

S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Mr.D.Dhayalan	Student Career: Connecting the People via Placement Cell	Volume-4(2), Issue 4 Page no:1-6 March –April 2015	International Journal of Trend in Research and Development(ijtrd)	0.925
2	Mr.D.Dhayalan	NLP-based relational keyword search technique	vol.3., issue.2, 2015 p.no 446-452 year 2015	International Journal of Engineering Research- Online(IJOER)	3.601
3	Mr.D.Dhayalan	Least Cost and Accurate Estimation of Shortest Pat in Large Graph	volume 2 issue 3 p.n0 15-17 year 2015	International Journal of research in computer Science	2.080

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4	Mr.D.Dhayalan	Application on effective scrap yard disposal in industries as business intelligence	volume 2, issue 2 2394-9333 p.no 1-6 mar-apr 2015	International Journal of Trend in Research and Development(ijtrd)	0.925
5	Mr.D.Dhayalan	Query based image content using semantic signature	vol. 2, issue 3, p.no 1-5 2015	International Journal of research in computer Science	2.080
6	Mr.D.Dhayalan	A Recent survey on multilevel hierarchal motion pattern mining approach using complex dynamic scene	vol. 3, issue 2, p.no 1210-1213 February 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
7	Mr.D.Dhayalan	Secure mining for multiparty protocols in horizontally distributed database	Vol .2(2) p.no1-6 mar-apr 2015	International Journal of Trend in Research and Development(ijtrd)	0.925
8	Mr.D.Dhayalan	Collaboration learning using optical back-propagation neural network over cloud computation	Vol .2(2) p.no1-6 mar-apr 2015	International Journal of Trend in Research and Development(ijtrd)	0.925
9	Mr.D.Dhayalan	Effective solution on data from multiple website using extraction and data analysis technique	vol.3., issue.2, p.no 392-396 year 2015	International Journal of Engineering Research-Online(IJOER)	3.601
10	Mr.D.Dhayalan	An evaluating	vol. 3, issue 2,	International	5.618

		enhanced data reliability to a web-enabled data warehouse	february p.no1228-1231 year 2015	journal of innovative research in computer and communication engineering	
11	Mr.D.Dhayalan	Efficient secure power transmission of wireless information using beam forming	issn 0973-4562 vol. 10 no.53 (2015) p.no 235-238	International Journal of Applied Engineering research	1.8223
12	Mr.D.Dhayalan	Distributed transformer energy meter using GSM technology	Vol . 4, number 1, p.no 21-26 march 2015	Electrical & computer engineering: an international journal (ecij)	0.817
13	Mr.D.Dhayalan	A crucial engineering students academic performance evaluation data mining techniques	vol. 3, issue p.no 2264-2267 02, 2015	International journal for scientific research & development	2.39
14	Mr.J.Senthil murugan	Stain normalization in histopathology image analysis using image processing	vol. 3, issue 2, p.no 1-5 february 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
15	Mr.J.Senthil murugan	Improving Energy Efficiency of Location Sensing On Mobile Phone Using Machine Learning Techniques	vol. 3, issue 2, p.no 1-5 February 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618

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17	Mr.J.Senthil murugan	A Comparative Study about Region Based and Model Based Using Segmentation Techniques	vol. 3, issue 3, p.no 1-3 march 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
18	Mr.J.Senthil murugan	A Narrative Methodology towards Normalized Cuts Using Spectral Reduction in Biomedical Image Segmentation	vol. 3, issue 2, p.no 1-4 february 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
19	Mr.M. Sakthivel	Enhance panorama image instant color matching and stitching	Vol. 2(2) p.no 1-5 2015	International Journal of Trend in Research and Development(ijtrd)	0.925
20	Mr.M. Sakthivel	Trust Management Model Observation Towards Security Enhancement and QOS In MANET's	vol. 3, issue 3, p.no 1944-1947 march 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
21	Mr.M. Sakthivel	Gradient boundary event detection using distributed algorithm in wireless sensor network	vol.3., issue.2, p.no 459-463 2015	International Journal of Engineering Research-Online(IJOER)	3.601
22	Mr.M. Sakthivel	Enhanced Secure Data Information Over Network using DES	Vol. 3, Issue 03, p.no 2372-2374 2015	International journal for scientific research and development	2.39

23	Mr.M. Sakthivel	Efficient authentication using merkle hash algorithm in jelastic server	Vol.3., Issue.2, p.no 346-351 2015	International Journal of Engineering Research-Online(IJOER)	3.601
24	Mr.M. Sakthivel	Deep belief networks based noise reduction for efficient data recognition	Vol.3., Issue.2, p.no 281-284 2015	International journal of engineering research online	2.668
25	Mrs.R.Latha	Co-Operative and active sensing field mapping using wireless sensor network	Vol.4, Issue 4, P.NO 1-8 2015	World Journal of Pharmaceutical research	5.045
26	Mrs.R.Latha	Dynamic personalized recommendation algorithm on spare data	Vol. 3, Issue 2, P.NO 1214-1218 February 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
27	Mrs.R.Latha	Virtual Card Creation for Secured Transaction	Vol.2(2), p.no 1-5 2015	International Journal of Trend in Research and Development	0.925
28	Mrs.R.Latha	An Automatic Accident Prediction Using Ai Learning Algorithm In VANET	Vol.2(2), p.no 1-5 2015	International Journal of Trend in Research and Development,	0.925
29	Mr.S.K Manigandan	single window performing multiple tax operations	Vol. 2(2), P.NO 1-7 2015	International Journal of Trend in Research and Development(ijtrd)	0.925

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30	Mr.S.K Manigandan	A QoS Based Load Balanced Switch	Vol.4, Number 1, P.NO 1-8 March 2015	Electrical and Communications An International Journal(ECIJ)	0.817
31	Mr. S.K Manigandan	An Efficient Resource Allocation Strategies In Cloud Computing	Vol. 3, Issue 2, P.NO 1-6 February 2015	International Journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
32	Mr. S.K Manigandan	Secure And Efficient Data Transmission For Cluster Based Wireless Networks	Vol. 3, Issue 2, P.NO 1-5 February 2015	International Journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
33	Mr. S.K Manigandan	Efficient tenable data storage and integrity verification in cloud computing	Vol. 3, Issue 5, P.NO 1446- 1449 July 2015	International journal for scientific research and develop2ment (IJSRD)	2.39
34	Mr. S.K Manigandan	Identifying The Performance Efficiency Of Attribute Based Encryption With Secured Resource In Cloud	Vol. 3, Issue 10, P.NO 278-281 December 2015	International journal for scientific research and development (IJSRD)	2.39
35	Mr. M. Sakthivel	Robust Aircraft Recognition using High Resolution Reconstructed Images	Vol. 9, Issue 3, P.NO 1-4 Jan 2016	Indian Journal of Science and Technology(IJST)	Scopus/1.63
36	Mr.D.Dhayalan	Robust Aircraft Recognition using	Vol. 9, Issue 3,	Indian Journal of Science and	Scopus/1.63

		High Resolution Reconstructed Images	P.NO 1-4 Jan 2016	Technology(IJST)	
37	Mr.D.Dhayalan	Overcoming Circumstances Caused by Jammer Using Time Interval / Sampling Method	Vol – 5 Issue - 02 February, 2016 Page No. 15841-15844	International Journal Of Engineering And Computer Science ISSN:2319-7242	Info space 3.083/Global impact factor
38	Mr.D.Dhayalan	Finding Experts in Collaborative Environment for Gaining Better Knowledge	Vol. 03 ,Issue 02, Pages 3608-3614 February	International Journal of Emerging Trends in Science and Technology	Info space Impact Factor: 2.838
39	Mr.J.Senthil murugan	Robust Aircraft Recognition using High Resolution Reconstructed Images	Vol. 9, .Issue 3, P.NO 1-4 Jan 2016	Indian Journal of Science and Technology(IJST)	Scopus/1.63

c) Publication per Student

S.No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Ms.R.Sahana	Optimized Routing for Power Saving and Resource Allocation using Operation ResearchTechniques in Femtocell Networks	Vol. 10 No.53 p.n0 66-70 (2015)	International Journal of Applied Engineering Research,	1.8223

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2	Ms.G.Bharathi	A Recent survey on multilevel hierarchal motion pattern mining approach using complex dynamic scene	vol. 3, issue 2, p.no 1210-1213 february 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
3	Mr. A. Manikannan	A Comparative Study about Region Based and Model Based Using Segmentation Techniques	vol. 3, issue 3, p.no 1-3 march 2015	International journal of innovative research in computer and communication engineer(IJIRCCE)	5.618
4	Mr.P.Manikandan	Virtual Card Creation for Secured Transaction	Vol.2(2) p.no 1-5 2015	International Journal of Trend in Research and Development	0.925
5	Ms.B.Kayalvizhi	Enhance panorama image instant color matching and stitching	Vol. 2(2) p.no 1-5 2015	International Journal of Trend in Research and Development(ijtrd)	0.925

Papers published in the International journals (Impact factor):

Monographs	Nil
Chapter in Books	Nil
Books Edited	Nil
Books with ISBN/ISSN numbers with details of publishers	Data Warehousing and Data Mining, Thakur Publications, Chennai, ISBN 978-93-5163-361-7
Citation Index	1
SNIP	Nil
SJR	Nil
Impact factor	125.7646
h-index	Nil

20.Areas of consultancy and income generated

S.No	Year	Topic	Organization Name	Faculty Involved	Amount
1	2012-13	A Multichannel Streaming System Based On Clustered Social Relationship	Global Techo Solutions	V.Sujatha Bai	73,000
2	2012-13	Transparent User Identity Verification For Secure Internet Services	Googol Soft	M.Sakthivel	27,000
3	2013-14	Controlling Denial Of Service Attacks Using Clock Drifts	Midhras It Solutions	M.Sakthivel	28,000
4	2013-14	Finding Experts In Collaborativ E Environment For Gaining Better Knowledge	Netgene Technologies	M.Sakthivel	72,000
5	2014-15	Certificateless Effective Key Management In Dwsn	Ilogix	D.Dhayalan	65,000
6	2014-15	Secure Multiplex Data Sharing For Quick Batch In Cloud Computing	Globin Technologies	R.Latha	35,000
7	2015-16	Scalable And Effective Audit Services For Storages Data In Clouds Using Iht	Midhras It Solutions	J.Senthi Murugan	60,000
8	2015-16	Privacy-Preserving Multiple Storage With Multiple-Sharing	Globin Technologies	D.Dhayalan	40,000

21. Faculty as members ina) **National committees b) International Committees c) Editorial****Boards....**

S.No.	Name of the Faculty Member	Details of National / International Committee
1	Mr. Sakthivel.M	IAENG
2	Mr D. Dhayalan	IAENG
3	Mr. J.Senthil Murugan	IAENG
4	Mr S.K.Manignadan	IAENG

22. Student projectsa) **Percentage of students who have done in-house projects including inter departmental/programme.**

NIL

b) **Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies**

S.No.	Name of the Programme	% of students who have placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies
1	M.C.A (Computer Applications)	3.71%(2014-2015)

23. Awards / Recognitions received by faculty

S.No	Name Of The Faculty	Programme	Awards Of Recognition Received	
			National	International
1	M.Sakthivel	2013	Best Teaching Faculty Award (College Level)	-

Name of Faculty	Nature of Participation
	Workshop/ Seminar
Mr.M. Sakthivel	National Level One Day Workshop on "Effective Paper Writing using LATEX
Mr.M. Sakthivel	NS2 – Workshop.
Mr.M Sakthivel	Wireless Broadband – Workshop
Mr.M. Sakthivel	Number Theory and Cryptography - Seminar
Mr.M. Gnanavel	National Workshop on SMART Ph.D Planning
Mr.M. Gnanavel	Workshop on building the curriculum
Mr.M. Gnanavel	Workshop on Tamil Computing
Mr.M. Gnanavel	Promoting Excellence in Technical Education
Mr.M. Gnanavel	Emerging Trends in Image Processing
Mr.M. Gnanavel	Advances in Information Security and Privacy
Mrs D. Revathi	Networking – Workshop
Mrs D. Revathi	Cloud Computing – Seminar

Mrs D. Revathi	FDP
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Awards / Recognitions received by students

S.No	Name Of The Student	Name Of Event / Topic	Date & Year
1	E.Rekha	Image Processing Workshop	13.02.2014
2	B.Kayalvizhi	Image Processing Workshop	13.02.2014
3	D.A.Parthiban	Visai Project – Irregular Fire Flame Detection	24.02.2014
4	Vandhana Kumari	Visai Project - Irregular Fire Flame Detection	24.02.2014
5	P.Santhosh	Visai Project	24.02.2014
6	M.Muthukumar	Visai Project	24.02.2014
7	A.M.Manjarika	Visai Project	24.02.2014
8	M.Stephenraj	Visai Project - Irregular Fire Flame Detection	24.02.2014
9	R.Sahana	Visai Project - Blind Man Eyes	24.02.2014
10	E.Rekha	Visai Project -Blind Man Eyes	24.02.2014
11	B.Kayalvizhi	Visai Project- Blind Man Eyes	24.02.2014
12	V.Suganya	Visai Project -Blind Man Eyes	24.02.2014
13	D.A.Parthiban	Workshop -Big Data	21.02.2014
14	R.Mohan Babu	Workshop -Big Data	21.02.2014
14	M.Vijaya Ganesh	Workshop -Big Data	21.02.2014
15	P.Manikandan	Workshop -Big Data	21.02.2014

16	Nandhini.G Ruth Priya.J Hema Rajeshwari.C	Visai-2016 Detection And Preventive Measures For Effective Adultery Post Hindrance System In Social Networks	24.02.2016
17	Paravathi.P Nooray Salma.S Valarmathi.M	Visai-2016 Adaptive Modeling On Satellite Image Processing And Info Extraction Using Knowledge Fusion Mining	24.02.2016

24. List of eminent academicians and scientists / visitors to the department

S.No	Visitors	Designation & Organization	Date
1	Dr.Dhananjay kumar	Professor /Anna University, Chennai	20.02.2016
2	Dr. R.Baskar	Asso.Professor, Anna University, Chennai	11-02-2015
3	Dr.R.Baskaran	Asso.Professor, Anna University, Chennai.	17-07-2014
4	Dr.Mala.T	Senior Assistant Professor/ Anna University	23-08-2014
5	Dr.Abirami	Assistant Professor/ Anna University	27-08-2013

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

S. No	Name of the Event	Type of the Event	Date of the Event & Duration	Funded by Level / Association	Resource persons
1.	Rechzig' 14	Conference	25 th August 2014	Globarena Vista Mind Unique technologies	Shri.VeeraSekar Scientist, Heading IT Division ,CVRDE, Avadi
2.	Emerging Trends in Computing Technologies Rechzig' 13	Conference	10 th September' 13	Self Funding	Dr.K.Thirugnanam CEO-Ascenders Technologies, Pvt Ltd.
3.	JAVA ECLIPSE TOOLS	workshop	03/08/13	CTS	Mr.Ganapathy Technical consultant CTS Chennai
4.	Emerging Trends in Informative Computing Applications Iway' 12	Conference	22 nd Aug 2012	Self Funding	Shri.Srinivas Reddy Mummadi., Senior Manager –Human Resources , Prokarma





Mr.Ganapathy

Technical consultant

CTS Chennai

Topic: JAVA ECLIPSE TOOLS





MR.K.THIRUGNANAM

CEO OF ASCENDERS TECHNOLOGIES PVT LTD



SHRI.VEERASEKAR

SCIENTIST, HEADING IT DIVISION, CVRDE, AVADI, CHENNAI

25TH August 2014

b) International -NIL

26. Student profile programme/course wise

Name of the Course/program me	Applications received	Selected	Enrolled		Pass percentage	year
			*M	*F		
MCA	-	54	42	12	85%	2011- 2012
MCA	-	57	33	24	70%	2012- 2013
MCA	-	71	41	30	83%	2013 – 2014
MCA	-	8	5	3	100%	2014 - 2015

*M = Male *F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad	Year
MCA	82.00%	18.00%	NIL	2011 -2012
MCA	98.00%	2%	NIL	2012 -2013
MCA	93.00%	7%	NIL	2013 -2014
MCA	100%	NIL	NIL	2014 -2015

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NIL

29. Student progression

Student progression	Against % enrolled(2011-2014)	Against % enrolled(2012- 2015)
UG to PG	N.A.	N.A.
PG to M.Phil.	9%	2.6%
PG to Ph.D.	N.A.	N.A.
Ph.D. to Post Doctoral	N.A.	N.A.
Employed		
• Campus selection	19	15
• Other than campus recruitment	10	08
Entrepreneurship / Self - employment	3.4%	23

30. Details of Infrastructural facilities

✓ Library

The Library has got a collection of over 172 Volumes, 40 Titles, & 52 Reference Books in the areas of Computer Applications(C, C++,VB, DBMS,Oracle and etc.).

- ✓ Internet facilities for Staff & Students
 - ❖ Internet Facilities are given to all Faculty members.
 - ❖ For all the students the Internet Facilities are allocated in the Internet Lab & Digital Library.
 - ❖ Department Library Equipped with one Computer with Internet Facility.
- ✓ Class rooms with ICT facility ICT Tools like LCD Projectors in class room for assistance in Lecture delivery MCA – 2 Seminar Halls.

✓ Laboratories Communication Lab for the Improvement of Students
Communication Skills

Sem/Branch	Course Code	Course Title
II / MCA- Computer Applications	MC7211	Object Oriented Programming Laboratory
II / MCA- Computer Applications	MC7212	Web Programming Laboratory
II / MCA- Computer Applications	MC7213	MC7213 Graphics and Multimedia Laboratory
III/ MCA- Computer Applications	MC7311	Embedded Systems Laboratory
III/ MCA- Computer Applications	MC7312	Visual Programming Laboratory
III/ MCA- Computer Applications	MC7411	Software Development- Case Tools Laboratory
IV/ MCA- Computer Applications	MC7412	Network Programming Laboratory
IV/ MCA- Computer Applications	MC7413	Technical Seminar and Report Writing
V/MCA- Computer Applications	MC7511	Advanced Internet Programming Laboratory
V/MCA- Computer Applications	MC7512	XML and Web Services Laboratory
V/MCA- Computer Applications	MC7513	Mini Project

31. Number of students receiving financial assistance from college, university,

Government or other agencies

SC, BC, MBC – GOVT. SCHOLARSHIP

Financial assistance from Government (First Graduate)

S.No	Year	No. of Students
1	2014 - 2015	7
2	2013 - 2014	12
3	2012 - 2013	3
4	2011 - 2012	28
5	2010 - 2011	25

Scholarship details

Year	Scholarship			Scholar ship SC/ST	Farmers Scholar ship	National Foundation for Teacher's welfare	Central Govert merit
	BC	MBC	DNC				
2013-14	15	9	-	16	-	-	-
2012-13	25	26	-	6	-	-	-
2011-12	18	11	-	14	-	-	-
2010-11	-	-	-	-	-	-	-

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts

S.No	Date	Topic	Name of the Guest	Designation & Organization
1	20/2/2016	Data Warehousing and Data Mining	Dr. Dhananjay Kumar	Professor /Anna University
2	11-02-2015	Operating system	Dr. R.Baskar	Asso.Professor, Anna University, Chennai
3	25/7/2014	Adhoc Sensor Network	Dr. Dhananjay Kumar	Assistant Professor /Anna University
4	30/7/2014	Database Management System	Mr. V. B.Ganapathy	Principal System Analyst, NIC Chennai.
5	23/08/2014	Computer Graphic	Dr. T. Mala	Senior Assistant Professor/ Anna University
6	20/11/2014	Big Data Analytics	Mr. Solai Murugan	Project Engineer,CDAC, Chennai
7	10/8/2013	TPDE	Dr. Krishna Kumar	Associate Professor /Anna University
8	17/8/2013	Adhoc Sensor Network	Dr. Dhananjay Kumar	Associate Professor /Anna University
9	24/8/2013	Data Structure	Dr. Abirami	Assistant Professor/ Anna University

Guest Lecture Photo Snapshots:



Dr. Dhananjay Kumar
Asso.Professor, Anna University, Chennai.
Topic: Data Warehousing and Data Mining





Dr. R.Baskar,
Asso.Professor, Anna University, Chennai.
Topic :Operating system

33. Teaching methods adopted to improve student learning

TEACHING LEARNING PROCESS

- ❖ Black board Teaching
- ❖ It is the primary teaching method and easy to handle & understood by the students.
- ❖ Student's Interaction
- ❖ Power point presentation
- ❖ Seminar
- ❖ Quiz
- ❖ Direct Site visit Interaction
- ❖ Tutorial Classes / Remedial Classes / Mentoring
- ❖ Self Learning and Learning beyond Syllabus
- ❖ Quality of Problems in Assignments/Tests/Semester Examinations

Academic Calendar

- ❖ Month of Printing :Every year in the month of MAY & NOV
- ❖ Date of Issue :Every year on the day of re-opening /
Commencement of classes
- ❖ No. of instruction hours: 450 periods / 90 days per semester
- ❖ Academic calendar is prepared and published prior to beginning of each academic year.
- ❖ The academic calendar shows the start and end of each semester by listing
- ❖ various academic activities that are to be held
- ❖ the internal evaluation schedule to be followed and
- ❖ The start and end of each semester as prescribed by the University.
- ❖ Maintenance of Course files
- ❖ Central academic monitoring cell is formed to monitor the maintenance of course files and class deliveries.
- ❖ This cell is constituted with the Principal as Head and Head of the Departments as the members of the cell.

This cell provides the guidelines for

- ❖ preparation of course files,
- ❖ planning of cycle tests and
- ❖ Maintenance of attendance records.
- ❖ Computerized academic monitoring system is in practice.

Examination and Evaluation Processes:

- ❖ Time table preparation for the conduct of cycle test and model examinations

- ❖ Invigilation list is prepared with consultation of departments
- ❖ Seating arrangements
- ❖ Hall Allocation to the faculty
- ❖ Invigilation
- ❖ Submission of attendance and absentees list to the principal
- ❖ Intimation to the faculty for the valuation
- ❖ Valuation
- ❖ System Entry
- ❖ Revaluation
- ❖ Result Analysis

EXISTENCE OF VARIOUS COMMITTEES

- ❖ Anti Ragging Committee
- ❖ Safety Committee
- ❖ Anti Gender Harassment Committee
- ❖ Hostel Committee
- ❖ Grievance Committee
- ❖ Sports Committee
- ❖ Facilities Committee

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- ❖ Conducted Eye Camp on October 21,2012 at Almathi Village
- ❖ Created Water Tank and Pipeline Facility at Government High School, Kollumedu, 2013
- ❖ Contributed 12,500 rs through principal to construct a school building at Almathi Village

35. SWOC analysis of the department and Future plans

S.NO	STRENGTH
1	The unstinted support from the management, dedicated and exemplary service rendered by the Principal, faculty members and industrious administrative staff, state-of-the art infrastructure, clean environment and good academic ambience make this institution a strong learning resource centre.
2	Excellent and Dedicated Faculty and intelligent students reflected in the results
3	Well-equipped computer labs and a computer centre with internet facilities, a language lab, a seminar hall and a multipurpose hall equipped with IQ boards, keep pace with growing technological and scientific needs.
4	Well equipped infrastructure
5	The Institution is arranging campus interviews. So far students have been recruited in various companies and institutions.
6	Excellent academic results and high pass percentage and thus students bringing laurels to the Institution
7	Admission based on merit and Govt. norms and is completed earlier and in a transparent manner.

S.NO	WEAKNESS
1	Many students are First Generation Learners
2	R & D and Funding projects are very less
3	Research activities of the student are very less
4	Placement are very less
5	Publication are very less.

S.NO	OPPORTUNITIES
1	Enthusiastic faculty with research aptitude promote research culture among Students and an enquiry-based learning approach.
2	Faculty can guide students to pursuing Ph.D Degree.
3	Research and development activities by collaborating with reputed higher Learning institutions.
4	Participation in extracurricular activities facilitate the students to exhibit their Latent talents.
5	The Institution is in constant rapport with the eminent academicians who visit for guest Lectures and thus the institution can easily cope up in case of scarcity of faculty in emerging areas by appointing them on part –time basis.

S.NO	CHALLENGES
1	Motivational challenges encouraged to the students to involve in the career opportunities
2	To attract students with an aptitude to pursue graduation in Engineering college.
3	To motivate the First Generation Learners to pursue Higher education.
4	To keep in pace with upcoming technologies in the Emerging technical Field

1. **Name of the department** : SCIENCE AND HUMANITIES

2. **Year of Establishment** : 2002

3. **Names of Programmes /Courses offered:**

Supporting Department

4. **Names of Interdisciplinary courses and the departments/units involved**

Names of Inter disciplinary courses / Semester			Departments involved
Subject Code	Subject Name	Semester	
GE6152	Engineering Graphics	I	CIVIL
GE6151	Computer programming	I	CSE/IT
GE6251	Basic Civil Mechanical Engineering	II	MECH/CIVIL
EE6201	Circuit Theory	II	EEE
GE6252	Basic Electrical and Electronics Engineering	II	EEE
GE6253	Engineering Mechanics	II	MECH/CIVIL/ CHEMICAL
CS6202	Programming and data structures-I	II	CSE/IT
CS6201	Digital Principles and System Design	II	ECE
EC6202	Electronic devices and circuits	II	ECE
BT6201	Biochemistry	II	BIO-TECH
BT6202	Microbiology	II	BIO-TECH

5. **Annual/semester/choice based credit system (programme e) :**

Not applicable

6. Participation of the department in the courses offered by other departments

Semester	Sub.Code	Subject Name	Course offered by the department
III	MA6351	Transforms and Partial Differential Equations	ECE, Biotech, IT, ChemicalCSE,MECH,EEE,CIVIL,
III	GE6351	Environmental Science and Engineering	ECE, CSE,MECH,EEE,CIVIL,
IV	MA6453	Probability and Queuing Theory	CSE,IT
IV	GE6351	Environmental Science and Engineering	MechanicalEngg
IV	MA6451	Probability and Random Process	ECE
IV	MA6452	Statistics and Numerical Methods	ECE, CSE,MECH,EEE,CIVIL,
IV	MA6459	Numerical Methods	EEE, CIVIL, Chemical
IV	MA6468	Probability and Statistics	CIVIL,IT,BIOTECH, CHEMICAL
V	GE6351	Environmental Science and Engineering	ECE
V	MA6566	Discrete Mathematics	CSE
V	GE6674	Communication and Soft Skills -	EEE, Chemical, Civil
VI	GE6674	Communication and Soft Skills - Laboratory	ECE, CSE,MECH,EEE,CIVIL,IT, Biotech

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

NIL

8. Details of courses / programmes discontinued (if any) with reasons:

NIL

9. Number of teaching posts

Post	Sanctioned	Filled
Professors	3	3
Associate Professors	6	3
Asst. Professors	37	42

**10. Faculty profile with name, qualification, designation, specialization
,(D.Sc./D.Litt./Ph.D./M. Phil. etc.,)**

S.No	Name	Qualification	Designation	Specialization	No of years' experience	No of PhD students guided for the last 4 years
1	Dr.S.Ganesan	M.A., M.Phil., Ph.D.,	Professor	American literature	46years 8 months	3
2	Dr.M Rajendran	M.A., M.Phil., Ph.D.,	Professor	Indian writing in English & American Literature(Fiction)	36years 2 months	9
3	Dr.C.Mohan	M.Sc.,M.Phil., Ph.D.	Professor	Mathematics	14 years 11months	
4	Dr.R.Muralidhara	Ph.D.,	Associate	Physics	3years	NIL

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	n		professor		11 months	
5	Dr.B.Vijayakumar	M.Sc., Ph.D.,	Associate Professor	Chemistry	7years 2 months	Nil
6	Dr.S.Venkatesh	M.Sc., M.Phil., Ph.D.,	Associate Professor	Chemistry	5years 11 months	Nil
7	M.Durgadevi	M.A., M.Phil.	Assistant Professor	Indian Writing in English	4 years 6 months	-
8	T.Rajeshkannan	M.A., M.Phil.	Assistant Professor	Indian Writing in English	2 years 3months	-
9	A.Ahila	M.A., M.Phil.	Assistant Professor	Comparative Literature	5years 9months	-
10	V.Sathish	M.A., M.Phil.	Assistant Professor	Canadian Literature	2years 4 months	-
11	R.Jayakumar	M.Sc.,M.Phil.	Assistant Professor	Mathematics	6 year 6 months	-
12	R. Sankar	M.Sc.,M.Phil.	Assistant Professor	Mathematics	6 years 5months	-
13	R.Navaneetha Krishnan	M.Sc.,M.Phil.	Assistant Professor	Mathematics	5years 8months	-
14	J. Kavitha	M.Sc.,M.Phil.	Assistant Professor	Mathematics	8 years	-
15	V.Jeevitha	M.Sc.,M.Phil.	Assistant Professor	Mathematics	5 years	-
16	R.Rajagopal	M.Sc.,M.Phil.	Assistant Professor	Mathematics	4 years 10 months	-
17	T.Santhy	M.Sc.,M.Phil.	Assistant Professor	Mathematics	11 years 6months	-
18	Dr.N.Kalaivani	M.Sc.,M.Phil., Ph.D.	Assistant Professor	Mathematics	12 years 5months	-
19	M.Juliet Leon Mary	M.Sc.,M.Phil.	Assistant Professor	Mathematics	5 years 7months	-
20	N.Aarthy	M.Sc.,M.Phil.	Assistant Professor	Mathematics	3 years 5 months	-
21	B.Sandhya	M.Sc.,M.Phil.	Assistant	Mathematics	1 year 3	-

			Professor		months	
22	G.Divya	M.Sc.,M.Phil.	Assistant Professor	Mathematics	1 year	-
23	M.Kothandaraman	M.Sc.,M.Phil.	Assistant Professor	Mathematics	10 years 4months	-
24	R.Thilagavathi	M.Sc.,M.Phil.	Assistant Professor	Mathematics	5 years 6months	-
25	R.Arasu	M.Sc.,M.Phil.	Assistant Professor	Mathematics	3 years 8 months	-
26	M. Uma	M.Sc.,M.Phil.	Assistant Professor	Mathematics	5 years 10month	-
27	G.Muthumari	M.Sc.,M.Phil.	Assistant Professor	Mathematics	11 months	-
28	G.Menaka	M.Sc.,M.Phil.	Assistant Professor	Mathematics	7 years 2months	-
29	Mr.S.Raju	M.Phil, M.Tech	Assistant Professor	Physics	21 years 1 month	-
30	K.Tamizhselvi	M.Phil	Assistant Professor	Physics	8 years	-
31	K.Alamelumangai	M.Phil	Assistant Professor	Physics	11 years 4 months	-
32	V.Ravishankar	M.Phil	Assistant Professor	Physics	4 years 4 months	-
33	V.Veena	M.Phil	Assistant Professor	Physics	6 years	-
34	R.Sumalatha	M.Phil	Assistant Professor	Physics	3 years	-
35	Dr.S.Thiruvankadam	PhD.	Assistant Professor	Physics	1 year	-
36	Dr.B.Narayanamoorthy	M.Sc., Ph.D.,	Assistant Professor	Chemistry	1 Year	Nil
37	Dr.V.Jeyachandran	M.Sc., M.Phil., Ph.D.,	Assistant Professor	Chemistry	9 months	Nil
38	Ms.R.Anuradha	M.Sc., M.Phil.,	Assistant	Chemistry	7 years 8	-

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

			Professor		months	
39	Ms.M.Kaviyarasi	M.Sc., M.Phil.,	Assistant Professor	Chemistry	10Years	-
40	Ms.R.Priya	M.Sc., M.Phil.,	Assistant Professor	Chemistry	7 years 5 months	-
41	Ms.M.Sasikala	M.Sc., M.Phil.,	Assistant Professor	Chemistry	6 Years	-
42	Ms.D.Arasi	M.Sc., M.Phil.,	Assistant Professor	Chemistry	3 years 2 months	-
43	Ms.T.Kavitharani	M.Sc., M.Phil.,	Assistant Professor	Chemistry	6 years 5 months	-
44	Ms.K.Mahalakshmi	M.Sc., M.Phil.,	Assistant Professor	Chemistry	3 years	-
45	Mr.K.Pandiarajan	M.Sc., M.Phil.,	Assistant Professor	Chemistry	4 years 6 months	-
46	Ms Dhanaleshmi S.B	M.Sc., M.Phil.,	Assistant Professor	Chemistry	4 month	-
47	Ms Hemalatha. S	MCA, M.Phil,M.E	Assistant Professor	Genaral Engineering	6 years 6 month	-

11. List of senior visiting faculty :

NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by

NIL

13. Student-Teacher Ratio (programme wise)

Programme	Teacher student ratio	Norms as per
UG (first year only)	1:15	1:15

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

S.No	Support staff	Sanctioned	Filled
1.	Academic support staff(Technical)	2	2

15. Qualifications of teaching faculty with DSc /D.Litt/Ph.D/MPhil/PG.

S.No	Name	Qualification	Designation
1	Dr.S.Ganesan	M.A., M.Phil., Ph.D.	Professor
2	Dr.M Rajendran	M.A., M.Phil., Ph.D.	Professor
3	Dr.C.Mohan	M.Sc.,M.Phil. Ph.D.	Professor
4	Dr.R.Muralidharan	M.Sc.,Ph.D.	Associate professor
5	Dr.B.Vijayakumar	M.Sc., Ph.D.	Associate Professor
6	Dr.S.Venkatesh	M.Sc., M.Phil., Ph.D.	Associate Professor
7	Ms.M.Durgadevi	M.A., M.Phil.	Assistant Professor
8	Mr.T.Rajeshkannan	M.A., M.Phil.	Assistant Professor
9	Ms.A.Ahila	M.A., M.Phil.	Assistant Professor
10	Mr.V.Sathish	M.A., M.Phil.	Assistant Professor
11	Mr.R.Jayakumar	M.Sc.,M.Phil.	Assistant Professor
12	Mr.R. Sankar	M.Sc.,M.Phil.	Assistant Professor
13	Mr.R.Navaneetha Krishnan	M.Sc.,M.Phil.	Assistant Professor
14	Ms.J. Kavitha	M.Sc.,M.Phil.	Assistant Professor

PART C: EVALUATIVE REPORT OF THE DEPARTMENTS

15	Ms.V.Jeevitha	M.Sc.,M.Phil.	Assistant Professor
16	Mr.R.Rajagopal	M.Sc.,M.Phil.	Assistant Professor
17	Ms.T.Santhy	M.Sc.,M.Phil.	Assistant Professor
18	Dr.N.Kalaivani	M.Sc.,M.Phil.,Ph.D.	Assistant Professor
19	Ms.M.Juliet Leon Mary	M.Sc.,M.Phil.	Assistant Professor
20	Ms.N.Aarthy	M.Sc.,M.Phil.	Assistant Professor
21	Ms.B.Sandhya	M.Sc.,M.Phil.	Assistant Professor
22	Ms.G.Divya	M.Sc.,M.Phil.	Assistant Professor
23	Mr.M.Kothandaraman	M.Sc.,M.Phil.	Assistant Professor
24	Ms.R.Thilagavathi	M.Sc.,M.Phil.	Assistant Professor
25	Mr.R.Arasu	M.Sc.,M.Phil.	Assistant Professor
26	Ms.M. Uma	M.Sc.,M.Phil.	Assistant Professor
27	Ms.G.Muthumari	M.Sc.,M.Phil.	Assistant Professor
28	Ms.G.Menaka	M.Sc.,M.Phil.	Assistant Professor
29	Mr.S.Raju	M.Phil.,M.Tech	Assistant Professor
30	Ms.K.Tamizhselvi	M.Phil	Assistant Professor
31	Ms.K.Alamelumangai	M.Phil	Assistant Professor
32	Mr.V.Ravishankar	M.Phil	Assistant Professor
33	Ms.V.Veena	M.Phil	Assistant Professor

34	Ms.R.Sumalatha	M.Phil	Assistant Professor
35	Dr.S.Thiruvankadam	PhD.	Assistant Professor
36	Dr.B.Narayanamoorthy	M.Sc., Ph.D.,	Assistant Professor
37	Dr.V.Jeyachandran	M.Sc., M.Phil., Ph.D.,	Assistant Professor
38	Ms.R.Anuradha	M.Sc., M.Phil.,	Assistant Professor
39	Ms.M.Kaviyarasi	M.Sc., M.Phil.,	Assistant Professor
40	Ms.R.Priya	M.Sc., M.Phil.,	Assistant Professor
41	Ms.M.Sasikala	M.Sc., M.Phil.,	Assistant Professor
42	Ms.D.Arasi	M.Sc., M.Phil.,	Assistant Professor
43	Ms.T.Kavitharani	M.Sc., M.Phil.,	Assistant Professor
44	Ms.K.Mahalakshmi	M.Sc., M.Phil.,	Assistant Professor
45	Mr.K.Pandiarajan	M.Sc., M.Phil.,	Assistant Professor
46	Ms Dhanaleshmi S.B	M.Sc., M.Phil.,	Assistant Professor
47	Ms S.Hemalatha	MCA, M.Phil,M.E	Assistant Professor

16. Number of faculty with ongoing projects :**a)National**

S.No	Description	Fund sanctioned (in Rs.)	Name of the Faculty
1.	DST-SERB– Fast Track Young Scientist	25,00,000/-	Dr.B.Vijayakumar

b) International funding agencies and grants received :

NIL

17. Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc.and total grants received :

S.No	Name of the Faculty	Category	Funding agency	Duration	Grant amount in Lakhs
1.	Dr.B.Vijayakumar	SERB– Fast Track	DST	2013-16	25

18. Research Centre/facility recognized by the University

S.No	Department	Reference No
1.	Chemistry	122/IR/Chemistry/AR1/21.08.2012-15

19. Publications 2015-16, 2014-15, 2013-14, 2012-13

FACULTY

S. No	Author	Title of paper	Volume No., Page No., Year	Name of the Journal	Impact factor / SNIP / SJR
1	Dr.S.Ganesan	Use of Modern Tools to enhance Language Learning.	vol.10 no 53, ISSN ;0973-4562, 2015	International Journal of Applied Engineering Research	1.82
2	Dr.S.Ganesan	“Deceptively transparent words”	Vol 2 Issue 3, 2278-0742, 2013	International Journal of English Literature	-
3	Dr.S.Ganesan	“Outcome based Education –Need of the hour .	,Vol IV, P.42-44, ISSN :2230-7710 2013		-
4	Dr.S.Ganesan	Technique of stream of consciousness in Faulkner’s sound and the fury.	2249 – 4529, Vol-11, Issue-1 Spring, 2012.	Lazuli an international literary journal	-
5	Dr. S.Ganesan	Realism and sufferings in the novels of mulkraj anand.	2277 – 3967 Special Mid–Year Issue 98-101, 2012.	New academia an international journal of English language, literature and literary theory	-
6	T.Rajesh kannan	The Representing the theme of Self – Discovery and Memoir in argaret Atwood’s Surfacing and Delillo’s Libra, Underworld	Vol 4(1), p p5-.8, January 2016. ISSN NO 2360-7831	International Journal of English Literature and culture	-
7	T.Rajesh kannan	New Humanism and Partisan Universalism in Rabindranath Tagore’s Select plays	Vol.4 ,issue.1 ,jan-june 2015, 25-32	IASET: Journal of Linguistics and Literature	-
8	T.Rajesh kannan	Representing the african culture in Buchi Emecheta’s the bride price-a study	Vol.5(8)pp194 -198, ISSN NO 2141-2626, 2014	International Journal of English and Literature	
9	A.Ahila	New Humanism and Partisan Universalism in Rabindranath Tagore’s Select plays	Vol.4, issue.1, jan-june 2015, 25-32.	IASET: Journal of Linguistics and Literature	-

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10	Dr.C.Mohan	Stochastic Analysis of a Business with Varying Levels in Manpower and Business	Vol. 10 No.53, 203 -206 ISSN 0973-4562, 2015	International Journal of Applied Engineering Research	0.035
11	Dr.C.Mohan	Porous Medium Flow Equations for All Regimes	Vol. 10 No.53, 330 - 335 ISSN 0973-4562, 2015	International Journal of Applied Engineering Research	0.293
12	Dr.C.Mohan	Use of Modern Tools to Enhance Language Learning	Vol. 10 No.53, 139 – 143 ISSN 0973-4562, 2015	International Journal of Applied Engineering Research	-
13	Dr.C.Mohan	A Probabilistic Analysis of Three Levels of Manpower Affecting Business - Continuous Time Markov Chain Model	Vol. 7, no. 3, 127 – 134, 2013	Applied Mathematical Sciences	0.293
14	Dr.C.Mohan	Stochastic Analysis of Manpower and Business	Vol.1 No.1, pp.29-35,, 2013	International Journal of Mathematics And Its Applications	0.035
15	Dr.C.Mohan	A Stochastic Analysis of Manpower with three levels and business with two levels	Vol. 7, No. 29, 1421–1428, 2012	Int. Journal of Contemporary Mathematical Sciences	0.293
16	Dr.C.Mohan	Stochastic Analysis of Manpower Levels Affecting Business	Vol. 7, No. 44, 2157–2166, 2012	International Mathematical Forum	
17	Dr.R.Murali dharan	Ferroelectric-like transition on a hygroscopic barium thiourea chloride single crystal	Vol.29, pp 1550047, 2015	Modern Physics B Letters;	0.687/ 1.878/ 3.2
18	Dr.R.Murali dharan	Effect of Sm ⁺ Rare Earth Ion on the Structural, Thermal, Mechanical and Optical Properties of Potassium Hydrogen Phthalate Single Crystals	Vol30, 2014,Pages 13-18 Scopus	Journal of Materials Science & Technology	1.19/ 1.616/ 0.941

19	Dr.R.Murali dharan	A comparative study on the spectral properties of thiourea potassium chloride and thiourea tartarate single crystals	Vol.6. No.9, pp.4212-15, 2014	International journal of Chem tech Research	Sjr 0.21
20	Dr.R.Murali dharan	Synthesis, Spectral and Antibacterial Studies of Semi-Organic Single Crystal: Barium Thiourea Chloride,	Vol.No.5, pp.1440 Sci(2014)Scopus Anna univ	Res. J. Pharm., Biol. Chem.	2.73 sjr
21	Dr.R.Murali dharan	Studies on Structural, Spectral, and Optical Properties of Organic Nonlinear Optical Single Crystal: 2-Amino-4,6-dimethylpyrimidinium p-Hydroxybenzoate	Volume 2013, Article ID 539312	Journal of Materials	1.616/ 0.93
22	Dr.R.Murali dharan	Growth and low temperature raman studies on a non-linear optical potassium thiourea chloride single crystal.	Vol.No.127, Issue7 pp.3620-3623 Thomson Reuters Annexure I, 2016	optik (Elsiver), Scopus	0.677/ 0.717/ 0.316
23	Dr.R.Murali dharan	Mapping of the epitaxial stabilization of quasi-tetragonal BiFeO ₃ with deposition temperature	100, 122905, 2012	Appl. Phys. Lett.	3.79/ 1.62
24	Dr.B.Vijayakumar	Microwave induced solvent-free and catalyst-free synthesis of 1,4-dihydropyridine derivatives using ammonium bicarbonate	Vol.1, No.2, pp.77-83, 2013	Indian Journal of Advances in Chemical Science	-
25	Dr.B.Vijayakumar	Enhanced antibacterial activity of iron oxide magnetic nanoparticles treated with Argemone Mexicana, L. leaf extract: an in vitro study	Vol.48, pp.3323-3327, 2013	Materials Research Bulletin	1.91/0.2. 63
26	Dr.B.Vijayakumar	A facile synthesis of indole derivatives catalyzed by CeCl ₃ .7H ₂ O under microwave irradiation	Vol.1, No.4, pp.221-227, 2013	Indian Journal of Advances in Chemical Science	-
27	Dr.B.Vijayakumar	Polyaniline/clay nanocomposites: Preparation, characterization and	Vol.73, pp. 012112, 2015	Institute of Physics Conference Series: Materials Science	-

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		electrochemical properties		and Engineering	
28	Dr.B.Vijayakumar	Characterization of ambrette seed oil and its mode of action in bacteria	Vol.20, pp.384-395, 2015	Molecules	2.4/0.74/0
29	Dr.B.Vijayakumar	Acid treated clays: Preparation, characterization and catalytic activity for synthesis of quinoxaline derivatives	Vol.22, No.3, pp.779-786, 2015	Journal of Porous Materials	1.1/6.85/0
30	Dr.Venkatesh.S	Studies on Impact of Biofertilizer on Methane Fluxes from Rice Paddy Ecosystems of South India	Vol.06, No.9, pp.4318-4323, 2014	International Journal of Chemtech Research	0.5/0.21/0
31	Dr.S.Venkaatesh	Novel treatment of biodegradable market waste with laboratory scale anaerobic digesters using PVC pipes	Vol.33(3), pp.613-617, 2014	Pollution research	0/0.14/0
32	Dr.S.Venkaatesh	Studies on the influence of Solid porous support systems (SPSS) on high solid digestion (HSD) of vegetable market waste	Vol.33(3), pp.591-596, 2014	Pollution research	0/0.14/0
33	Dr.S.Venkaatesh	Studies on DIEL Variation of Methane Fluxes from Rice Paddy Ecosystems of South India'	Vol. 3, No. 4, pp. 84-92, 2011	International Journal of Biometrics and Bioinformatics	0/0/0
34	Dr.N.Kalaivani	On (χ^*, \mathcal{S}^*) - almost-pre-continuous mappings in topological spaces	Vol.23, pp.180-189, 2015	Journal of the Egyptian Mathematical Society [Production and hosting by Elsevier]	-
35	Dr.N.Kalaivani	On χ^* -pre-regular- T_1^2 spaces associated with operations separation axioms	Vol.17, pp. 485-498, 2015	Int. J. of Interdisciplinary Mathematics	
36	Dr.N.Kalaivani	Operations Generalized Pre-regular continuous mappings	Vol. 3, Issue 1, pp. 1-18, 2015	Fundamental Journal of Mathematics and Mathematical Sciences	-

37	Dr.N.Kalaivani	On μ -open sets in generalized topological spaces	3(3), 268–276, 2015	Malaya Journal of Matematik	-
38	Dr.N.Kalaivani	Operations Contra-Pre-Continuous Mappings	8, No.5.pp 219-227, 2014	Int. J. of Mathematical Analysis	-
39	Dr.N.Kalaivani	On $(\alpha$ - γ , β)- continuous mappings and α -(γ , β)-continuous mappings in topological spaces	Vol. 1,pp. 341-347 2012	Int. J. of Mathematical Sciences and Applications	-
40	Dr.N.Kalaivani	Operation Approaches on μ -open sets in Topological Spaces	Vol 7, 10, 491-498, 2013	Int. Journal of Math. Analysis	0.293
41	Dr.N.Kalaivani	Operation approaches on μ -I-open sets and on μ -I-continuous functions in topological spaces	Vol 22 pp. 265-271, 2013	Journal of the Egyptian Mathematical Society [Production and hosting by Elsevier]	0.035
42	Dr.N.Kalaivani	On γ -generalized α -continuous mappings in Topological spaces	Vol.2, pp.23-27,2012	Bonfring Int. J. of Data Mining	-
43	Dr.N.Kalaivani	On μ -totally continuous functions in Topological Spaces	Volume 2, Issue 7, ISSN 2250-3153, 2012	Int. J. of Scientific and Research Publications	-
44	Dr.N.Kalaivani	On (α, β) - open (closed) mappings and generalized open sets	Volume 3, Issue 8, ISSN 2229-5518, 2012	Int. J. of Scientific and Engineering Research	-
45	Dr.N.Kalaivani	On μ -irresolute functions and μ -Continuous functions in Topological Spaces, 15 (2012), No. 4, pp. 465-476.	15, No. 4. pp. 465-476, 2012	Proceedings of the Jangjeon Mathematical Society	-
46	S.Raju	Growth and low temperature raman studies on a non-linear optical potassium thiourea chloride single crystal.	Vol.No.127, Issue7 pp.3620-3623 Thomson Reuters Annexure I, 2016	optik (Elsiver), Scopus	0.677/ 0.717/ 0.316
47	S.Raju	Thermal and electrical studies on solution grown barium thiourea chloride single crystals	2 Jun 2015	Materials Research Innovations	0.85/ 1.035/ 0.24

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48	S.Raju	Ferroelectric like transition in a hygroscopic Barium Thiourea single crystals	Vol.29, pp 1550047, 2015	Modern Physics Letters B	0.687/ 1.878/ 3.2
49	S.Raju	A comparative study on the spectral properties of thiourea potassium chloride and thiourea tartarate single crystals	Vol.6. No.9, pp.4212-15, 2014	International journal of Chem Tech Research	Sjr 0.21
50	S.Raju	Synthesis, Spectral and Antibacterial Studies of Semi-Organic Single Crystal: Barium Thiourea Chloride	Vol.5, pp.1440, 2014	Res. JOURNALPharm., Biol. Chem. Sci,	2.73 sjr
51	S.Raju	Novel Treatment Of Biodegradable Market Waste With Laboratory Scale Anaerobic Digesters Using Pvc Pipes Pollution	Vol.33(3), pp.613-617, 2014	Pollution research	Sjr 0.14
52	K. Tamizh Selvi	Shape Transition Effect of Temperature on MgO Nanostructures and its Optical Properties	Vol.5, issue 3, ISSN.2229-5518, 2013	IJSER	0.15 sjr
53	K. Tamizh Selvi	Effect of temperature on the shape and optical properties of MgO/ZnO nanocomposites	Vol.26, No18, Pg. No. 6050-6054, 2014	Asian Journal of Chemistry	0.355/ 0.13
54	K. Tamizh Selvi	Dielectric Properties of MgO Nanosheets Synthesized by Sol-gel Method	Vol. 10 No.56, ISSN 0973-4562, 2015	International Journal of Applied Engineering Research	0.17/ 0.48
55	K. Tamizh Selvi	Effect of calcination temperature on particle size and fluorescence intensity of Strontium Ferrite nano particles prepared by sol gel technique	Vol. 10 No.56, ISSN 0973-4562, 2015	International Journal of Applied Engineering Research	0.17/ 0.48
56	K. Alamelu mangai	Spectroscopic Investigation of Nano-Sized Strontium Ferrite Particles at Different Annealing Temperatures,	Vol . 81, No. 3, 2014	Journal of Applied Spectroscopy	0.476/ 0.27

57	K. Alamelu mangai	Structural and Magnetic Properties of Strontium Hexa ferrite Nano particles published inIJSER	Vol 4, Issue.10, ISSN.2229-5518, 2013	IJSER	0.15
58	K. Alamelu mangai	Effect of calcination temperature on particle size and fluorescence intensity of Strontium Ferrite nano particles prepared by sol gel technique	Vol. 10 No.56, ISSN 0973-4562, 2015	International Journal of Applied Engineering Research	0.17/ 0.48
59	K. Alamelu mangai	Dielectric Properties of MgO Nanosheets Synthesized by Sol-gel Method	Vol. 10 No.56, ISSN 0973-4562, 2015	International Journal of Applied Engineering Research	0.17/ 0.48
60	R.Sumalatha	Structural, Optical and Thermal studies of Semiorganic non linear optical crystals of Glycine Sodium Chloride	Vol.2 No.7 IJPAS (ISSN: 2394-5710) 2015	International journal in physical and applied sciences	2.865/-
61	R.Sumalatha	Synthesis, Growth and Characterization of L-Proline Succinate Crystal for Nonlinear Optical Applications	Vol.8 No.5 IJPRIF (ISSN: 0974-4304) 2015	International Journal of PharmTech Research	2.73 sjr
62	R.Sumalatha	Synthesis, Growth And Characterization Of L-Citrulline Succinate Crystal For Optical Applications	Vol. 127, Pp 3451-3453 IJLEO-D-15-00859 2016	Elsvier Optik - International Journal for Light and Electron Optics	0.769/ 0.717/ 0.316
63	R.Sumalatha	Investigation on synthesis, growth and characterization of Glycine oxalate dihydrate: a new semiorganic nonlinear crystal for optical applications	Vol.127 pp3451-3453 IJLEO57297 Pp4258-4260 2016	Elsevier Optik - International Journal for Light and Electron Optics	0.769 0.717/ 0.316
64	Dr.B.Vijayakumar	Enhanced antibacterial activity of iron oxide magnetic nanoparticles treated with Argemone Mexicana, L. leaf extract: an in vitro study	Vol.48, pp.3323-3327, 2013	Materials Research Bulletin	1.91/0/2.63
65	Dr.B.Vijayakumar	A facile synthesis of indole derivatives catalyzed by CeCl ₃ .7H ₂ O under microwave irradiation	Vol.1, No.4, pp.221-227, 2013	Indian Journal of Advances in Chemical Science	-
66	Dr.B.Vijayakumar	Polyaniline/clay	Vol.73, pp.	Institute of Physics	-

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	umar	nanocomposites:Preparation, characterization and electrochemical properties	012112, 2015	Conference Series: Materials Science and Engineering	
67	Dr.B.Vijayakumar	Characterization of ambrette seed oil and its mode of action in bacteria	Vol.20, pp.384-395, 2015	Molecules	2.4/0.74/0
68	Dr.B.Vijayakumar	Acid treated clays: Preparation, characterization and catalytic activity for synthesis of quinoxaline derivatives	Vol.22, No.3, pp.779-786, 2015	Journal of Porous Materials	1.1/6.85/0
69	R.Anuradha	Removal of Colour From Crystal Violet Dye Using Low Cost Adsorbents	Vol.6, No.9, pp 4346-4351, 2014-15	International Journal of ChemTech Research	0.5/0.21/0
70	R.Anuradha	A Study of Geo Chemical Mines In Rocky Area	Issue 4 volume 2, ISSN 2249-9954 pp 460-470, 2014	International Journal of Advanced Scientific and Technical Research	3.54/0/0
71	R.Anuradha	A Study of Ground Water Quality of Anna Nagar West.Extension	Vol.7, No.5, pp 2341-2346, 2014-15	International Journal of ChemTech Research	0.5/0.21/0
72	M.Kaviyarasi	A Study of Ground Water Quality of Anna Nagar West.Extension	Vol.7, No.5, pp 2341-2346, 2014-15	International Journal of ChemTech Research	0.5/0.21/0
73	R.Priya	Removal Of Colour From Crystal Violet Dye Using Low Cost Adsorbents	Vol.6, No.9, pp 4346-4351, 2014-15	International Journal of ChemTech Research	0.5/0.21/0
74	R.Priya	A Study of Ground Water Quality of Anna Nagar West.Extension	Vol.7, No.5, pp 2341-2346, 2014-15	International Journal of ChemTech Research	0.5/0.21/0
75	R.Priya	A Study of Geo Chemical Mines In Rocky Area	Issue 4 volume 2, ISSN 2249-9954 pp 460-470, 2014	International Journal of Advanced Scientific and Technical Research	3.54/0/0
76	Mrs.S.Hemalatha	Performance evaluation of FMMS using underwater sensor	Vol,NO.2,PP.6-10,2014	Elsevier Index	-
77	Mrs.S.Hemalatha	VMIS: An improved security mechanism for WSN	Vol.1,PP.1-3,2014	IEEE	-
78	Mrs.S.Hemalatha	“Gait Analysis Using Virtual Body Sensor Networks for Biomedical Applications	Vol.4.NO.2.pp.123-127	International Journal of Pharma Medicine and Biological Sciences(Elseiver Index)	-
79	Mrs.S.Hemal	Malware detection framework and evidence	Vol.3.pp.3281-3283 Issue	International journal for scientific	2.39

	atha	collection in wireless mobile network devices	03.2015.	research & Development	
80	Mrs.S.Hemalatha	“Resource allocation for sharing and security in cloud computing via a social network”.	Vol.3,issue:3.pp.329-332,01/06/2015	International Journal for scientific Research & Development	2.010
81	Mrs.S.Hemalatha	WI-FI effective connection on wireless using charging adapter	Vol2(2),pp.1-6.Mar-Apr 2015	International journal of Trend in Research and Development,	2.010
82	Mrs.S.Hemalatha	Context Based Mobile Information Catalog Surveillance	Vol:2(3), PP.184-187 May-Jun 2015	International journal of Trend in Research and Development,	2.010
83	Mrs.S.Hemalatha	Effective Identification for DOA Aggressions by Multivariate Correlation Analysis	Vol:3, Issue:3,01/06/2015.PP3386-3388	International journal for scientific research & Development	2.39
84	Mrs.S.Hemalatha	Effective offloading Wireless-Fidelity Data into Mobile Communications	Vol2(2), pp.1-6 Mar-Apr 2015	International journal of Trend in Research and Development,	2.010
85	Mrs.S.Hemalatha	ECC for Hetrogeneous Wireless Sensor networks Using Ancient Indian Vedic Mathematics	Vol.36 No.3, pp.231-235. Sep 2015	International Test and Evaluation Association(ITEA)	0.357

Students: Nil

Papers published in the International journals (Impact factor):

Monographs	NIL
Chapterin Books	Impact of Nitrogen Fertilizers on Methane Flux to the atmosphere from the Paddy Ecosystems by Dr.S.Venkatesh , On a Sustainable Future of the Earth’s Natural Resources, Springer Earth System Sciences, Chapter 27, 455-466, 2013.
Books Edited	NIL
Books with ISBN/ISSN numbers with details of publishers	1) Effective Communication in Technical English by Dr.S.Ganesan . ISBN ;978-81-89843-44-1, 2010 2) An Engineering Mathematics book by Dr.C.Mohan , Vol-I, VIVA BOOKS Pvt Ltd, Delhi.

Citation Index	107
SNIP	15.97
SJR	30.480
Impact factor	37.807
h-index	12

20. Areas of consultancy and income generated :

Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards :
Dr.N.Kalaivani- Life member in the Indian society for technical Education

22. Student projects

a) Percentage of students who have done in-house projects including interdepartmental/programme

Nil

b) Percentage of students placed for projects in organizations outside the institution i.e. /Industry/ other agencies

Nil

23. Awards/Recognitions Received By faculty and students

Awards/Recognitions received by faculty

S.No	Name Of The Faculty	Programme	Awards Of Recognition Received
1.	Dr.B.Vijayakumar	National Conference on Frontier Avenues in Chemistry and Environment-2015	Best oral Presentation

2.	Dr.S.Venkatesh	International Conference on Recent Advances in Chemical Engineering and Technology	Best paper presentation
3.	Dr.S.Venkatesh	International Conference on Earth Future 2011	Best paper presentation
4.	Dr.S.Venkatesh	International Conference on Sustainable Manufacturing: Issues, Trends and Practices	Chaired a session

Awards/Recognitions received by students :

S.No	Name Of The Students	Programme	Awards Of Recognition Received
1.	V.S.Akhilnath (Mech B)	N CC Camp in Hindustan & Bannariamman College	NCC Certificate
2.	M. Naveen Kumar K. Manoj umar (Mech B)	Paper Presentation in SKR Engineering College	2 nd Prize
3.	T. Jeeniswar(Mech B)	Quiz in SKR Engineering College	1 st Prize
4	K. Vijay Shankar Y. Vashwanth Kumar S. Hariharan(Mech B)	Quiz in SRM University	3 rd Prize
5	Roshan Raj.J Vignesh. S (Chemical)	Paper Presentation in Vel Tech High Tech	1 st Prize
6	Roshan Raj.J Vignesh. S (Chemical)	Multi Media Animation in Vel Tech High Tech	1 st Prize
7	Narendran.T(Chemical)	Quiz in Vel Tech High Tech	2 nd prize
8	Roshan Raj.J Narendran.T(Chemical)	Quiz for Computer society of India in Vel Tech High Tech	4 th Prize
9	D.Praveen ArunPraveen(Civil B)	Quiz for Science Day in Vel Tech High Tech	3 rd Prize
10	G.Pranav(Ece A)	Quiz in SKR Engineering College	1 st Prize
11	S.Arawind Raj (IT)	Multi Media Web-page Application	2 nd prize
12	B. Sridhar (Ece A)	Quiz for Science Day in Vel Tech High	2 nd Prize

		Tech	
13	Roshan Raj. J Vignesh.S Narendran.T Siranjeevi.V (Chemical)	Project in Vel Tech High Tech	1 st Prize
14	Anand. A (IT)	Quiz in SKR Engineering College	1 st Prize
15	Anand. A (IT)	TSC by NCC in Alpha Arts & Science College	3 rd Prize
16	R.Ranjitha B.Anisha M.Dhivya(Cse A)	Project for ANTI-THEFT IMBANKING in Vel Tech High Tech	3 rd Prize
17	J. Jadhith Esthir M. Dhivya (Cse A)	Project for HYDRAULIC LIFF in Vel Tech High Tech	2 nd Prize

24. List of eminent academicians and scientists/visitors to the department:

Dr. G . Ganesh Senior Scientist

Bio- organic division – CLRI

Dr. R. Jayavel

Professor & Director, Centre for Nanoscience & Technology

Anna University, Chennai

Dr.N.V. Giridharan

Assistant Professor,

Department of Physics, NIT, Tiruchirapalli

Dr. Ch.Jagadeeswara Rao

Scientific Officer-D

IGCAR,Kalpakkam

Dr. R. Mohankuma, Assistant Professo, Presidency College, Chennai

25. Seminars/Conferences/Workshop s organized & the source of funding

S.No	Name of the Event	Type of the Event	Date of the Event &Duration	Resource persons
1.	National level workshop on Functional materials	Workshop	24.04.15	<p>Dr. R. Jayavel Professor & Director Centre for Nanoscience & Technology Anna University, Chennai</p> <p>Dr.N.V. Giridharan Assistant Professor, Department of Physics, NIT,Tiruchirapalli</p> <p>Dr. Ch.Jagadeeswara Rao Scientific Officer-D IGCAR,Kalpakkam</p> <p>Dr. R. Mohankumar Assistant Professor Presidency College, Chennai.</p>

25. Student profile programme/course wise: Not applicable –
Supporting departments

27. Diversity of Students

Available in the respective Departments

28. How many students have cleared national and state competitive examinations such as NET, SLET,GATE, Civil services , Defense services, etc.?

Refer core Departments

29. Student progression 2013- 14

Refer core Departments

30. Details of Infrastructural facilities

- a) Library : NIL
- b) Internet facilities for Staff & Students : 40 MBPS, 1:1 AIRTEL
- c) Class room with ICT facility : LCD projector in one class room
- d) Laboratories : Physics & Chemistry

31. Number of students receiving financial assistance from college, University, Government or other agencies:

123 Students in 2015-2016 (BC/MBC SCHOLARSHIP - 63 & SC/ST SCC SCHOLARSHIP - 60)

32. Details on student enrichment programme (special lectures/workshops/

Seminar) with external experts

- ❖ Science Day 2016 on 27/02/16
- ❖ Expert : Dr. G . Ganesh Senior Scientist
- ❖ Bio- organic division – CLRI
- ❖ Science Day 2015 on 28/02/15

33. Teaching methods adopted to improve student learning

Regular classroom teaching enriched by group discussion, seminar and assignments

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- ❖ Tree Plantation conducted on 22/09/2014
- ❖ Swatch Bharath conducted on 06/02/2015

35. SWOC analysis of the department and Future plans

S.NO	STRENGTHS
1.	Highly qualified and well experienced Faculty in different specializations
2.	Funded research projects are being undertaken from leading funding agencies
3.	Students are motivated by staff members in the various Extra Curricular and Co-Curricular activities
4.	Good support students and non-teaching staff from the Management
5.	Excellent Infrastructure facilities
6.	24 hrs medical care is available in the college
7.	Institute regularly organizes National conferences, symposiums, workshops, and FDP

S.NO	WEAKNESS
1.	Some students are not too good in communication
2.	Lack of international collaboration for exchange of students / staff.
3.	Institute need to apply and get more research centers
4.	Consultancy and extension activities need improvement
5.	Number of university rank holders is low

S.NO	OPPORTUNITIES
1.	Students conducting National symposium to improve the leadership qualities.
2.	Global job opportunities in the growing Infrastructure sector
3.	Continuous Knowledge updating for staff members
4.	More funding from Government agencies
5.	More research and Innovative guidance
6.	Teachers and guidance methodology

S.NO	CHALLENGES
1.	Making the students confident in their soft skills and communication skills.
2.	Preparing students to the expectations of the Industry and Research.
3.	Motivating students to undertake Exam such as GATE, TANCET, GRE, TOEFL, etc. for Higher Education.
4.	Administrative works are balancing between faculties and students.
5.	Dedication of students is lacking.

S.NO	KEY STRATEGIES FOR MOVING FORWARD
1.	Motivating the students to present papers in conferences and participate in workshops, Seminars, Symposiums and also Journals.
2.	More outreach programmers' for employability.
3.	To introduce more PG courses and upgrade department as research center
4.	More Mo Us with industries and R&D Lab for collaborative research.
5.	Encouraging Faculty in Journals, Conferences, Workshop and Research activities



VEL TECH HIGH TECH

Dr.RANGARAJAN Dr.SAKUNTHALA ENGINEERING COLLEGE



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