

# Hi-Tech Newsletter

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

(Approved by AICTE, Affiliated to Anna University - Chennai, ISO 9001:2008 Certified Institution,  
Accredited by NBA, New Delhi & Accredited by NAAC with 'A' Grade & CGPA of 3.27)

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## Hi-Tech Newsletter (Volume 1, Issue 1, July - September 2017)

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## PRINCIPAL MESSAGE



It is pleasure to present the quarterly issue of the Newsletter of Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College for the year 2017-2018. I am very happy to meet you through this page. Vel Tech High Tech has stood above the rest in its approach to education and in its pedagogies. The ways we teach and the ways our students learn are unique and creative. Education is not an act of acquiring knowledge but learning a skill to lead life and forming one's personality. Many constructive efforts have been taken to improve our college results. As campus placements are progressing, efforts to groom the students to serve the society are also in pace.

I can boldly say that we have excelled in every initiative that we undertook and we have stood together in facing the challenges in realizing quality education. I wish to record my hearty congratulations to those who have brought laurels to the institution and I appreciate all of you for working together as a team for the success of this "Hi-Tech Newsletter".

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## OUTCOME BASED EDUCATION (OBE)

Education forms the back bone of any country. System of Education reveals the quality. As we know India has a population that is the youngest in world and by 2020 we will have youngsters in the age of 21-24 who will be at the start of their career, looking for good opportunities. But, in recent years in our country we have seen a sharp decline in the employability of students graduating from technical education, which proves to be a potential threat for a nation that has youngest population.

Lot of initiatives that were taken to improve that quality of students, but those gave little or no improvement. Based on lot of analysis Government identified that the students lacked the potential skills and knowledge that are required for employability or for pursuing higher education.

To bring improvement in the quality of education Indian Government signed and became a permanent member of the “WASHINGTON ACCORD” on 13<sup>th</sup> June 2014, and started bringing reform under the initiative “OUTCOME BASED EDUCATION”.

Understanding this impact and having extreme concerns over the quality of students graduating and also the quality of graduates that we must produce for our nation, we at our institution unanimously decided to follow the OUTCOME BASED EDUCATION, to produce graduates who will bring up the nation and who will shoulder great responsibilities in the near future.

OBE as the name indicates concentrates on the improvement of the “outcomes or the required skills and knowledge” that a sudden must have at the time of graduating. We at our institution and in turn in our school take serious concern in attaining the attributes defined globally for the graduates. Each program and the courses in a program are decided and also designed to give specific skills required to enhance the quality.

Therefore, in our institution various skill development activities initiated by our Principal Dr.E.Kamalanaban are being conducted in a way to aid the cause of improvement.



# INSTITUTION VISION AND MISSION

## VISION

Pursuit of excellence in technical education to create civic responsibility with competency.

## MISSION

- To impart the attributes of global engineers to face industrial challenges with social relevance.
- To indoctrinate as front runners through moral practices.
- To attain the skills through lifelong learning.

## PROGRAMME OUTCOMES OF ENGINEERING DEGREE AND MCA

- PO1— *Engineering knowledge***— Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2— *Problem analysis***— Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3— *Design/development of solutions***— Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4— *Conduct investigations of complex problems***— Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5— *Modern tool usage***— Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6— *The engineer and society***— Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7— *Environment and sustainability***— Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8— *Ethics***— Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9— *Individual and team work***— Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10— *Communication***— Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11— *Project management and finance***— Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12— *Life-long learning***— Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## PROGRAM OUTCOMES OF MBA

- PO1*— Ability to apply the business acumen gained in practice.
  - PO2*— Ability to understand and solve managerial issues.
  - PO3*— Ability to communicate and negotiate effectively, to achieve organizational and individual goals.
  - PO4*— Ability to upgrade their professional and managerial skills in their workplace.
  - PO5*— Ability to explore and reflect about managerial challenges, develop informed managerial decisions in a dynamically unstable environment.
  - PO6*— Ability to take up challenging assignments.
  - PO7*— Ability to understand one's own ability to set achievable targets and complete them.
  - PO8*— Ability to pursue lifelong learning.
  - PO9*— To have a fulfilling business career.
- 

### 1. DEPARTMENT OF BIOTECHNOLOGY

#### **Vision**

To be a Center of perfection in the field of biotechnology prepared to make graduates who attempt for the welfare of humanity.

#### **Mission**

- To confer quality instruction for long lasting proficient development and opportunity in an extensive variety of Careers.
- To multiply profound established learning
- To make mindfulness towards socio-moral ramifications of possibilities of biotechnology

#### **Programme Educational Objectives (PEOs)**

Our biotechnology graduates will

- PEO1*— Have a thorough knowledge on the fundamentals of applied biological sciences and build their career in this field.
- PEO2*— Implement their acquired knowledge in fields such as advanced biochemical engineering and associated downstream processing techniques.
- PEO3*— Understand the recent developments in the field of biotechnology with advanced focus on research and development and pursue their research goals.
- PEO4*— Ethically solve problems related to their field of expertise using their communication and management skills

#### **Programme Specific Outcomes (PSOs)**

- PSO1*— To characterize and synthesize commercially important enzymes, bioactive compounds, probiotics and novel drugs.
  - PSO2*— Will have exposure to advanced technologies in the field of fermentation and downstream technology.
  - PSO3*— Will have broad knowledge in recombinant DNA Technology
  - PSO4*— Will have knowledge on ethical, environmental and social awareness
-

## 2. DEPARTMENT OF CHEMICAL ENGINEERING

### Vision

To equip the nation with human resources having Chemical Engineering expertise and concern towards the environment.

### Mission

- To nourish students in Chemical Engineering fundamentals.
- To facilitate for continuous updating of their knowledge.
- To enthuse the students to involve in interdisciplinary studies and research.
- To inculcate values of ethics, leadership and professional integrity

### Program Educational Objectives (PEOs)

Our graduates will,

*PEO1*— have the potential to work effectively as individuals and as well as in teams in the field of Chemical Engineering and allied disciplines.

*PEO2*— have the ability to pursue higher studies and research through continuous and lifelong learning.

*PEO3*— engage in career development through entrepreneurial skills with a sense of social responsibility considering ethical, economical, environmental factors.

### Programme Specific Outcomes (PSOs)

*PSO1*— The ability to develop model, design, optimize a new energy efficient process for new chemical industries.

*PSO2*— Ability to apply knowledge to modify the existing process to be feasible and sustainable.

*PSO3*— To expose the students to the dynamic environment to successfully face the job market with confidence and competency.

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## 3. DEPARTMENT OF CIVIL ENGINEERING

### Vision

Create a responsible Civil Engineer with a technical competence and managerial ability in various Civil Engineering disciplines to achieve the expectation of stakeholders and to build our Nation.

### Mission

- To educate, inspire and mentor future Civil Engineering Technocrats for serving the society and nation.
- To create, disseminate and integrate Civil Engineering knowledge through quality teaching practices for solving real world problems.
- To promote innovative thinking, quantitative reasoning, attitude and skills of Civil Engineers for handling the challenges in the future.

### Program Educational Objectives (PEOs)

*PEO1*— Graduates will acquire the knowledge from Civil Engineering Program to contribute as competent technical professionals at entry level or middle level in an Organization.

*PEO2*— Graduates will evolve to possess specialized domain knowledge in Civil Engineering through higher education.

*PEO3*— Graduates will utilize best practices bestowed by the Civil Engineering Program to excel as comprehensive entrepreneurs.

### Programme Specific Outcomes (PSOs)

By the time of graduation, the Under Graduate Civil Engineering students can achieve;

*PSO1*— Apply fundamental knowledge in mathematics, science and engineering for contributing to higher studies, teaching profession, research activities, and development of civil engineering and allied fields.

*PSO2*— Utilize computational methods and analytical techniques for planning and analyzing civil engineering real life problems, designing the safe, economic and social acceptable structures and managing technical activities involved in civil engineering and allied projects

*PSO3*— Exhibit ethics in collaboration with other members of multi-domain professional teams for the development of national sustainability.

By the time of graduation, the Post Graduate Civil Engineering students can achieve;

*PSO1*— Apply advanced knowledge for planning, analyzing and designing the civil engineering and allied projects.

*PSO2*— Work effectively on teams of multi-domain professional to enhance the problem solving process using appropriate techniques and tools.

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## 4. DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### Vision

To blend academic learning process and innovative ideas producing Self-Confident Graduates with skills and knowledge to compete in the changing world.

### Mission

- To provide strong basic knowledge in Computer Science and Engineering.
- To help the students to function in a team their innovative ideas in collaboration with the industries.
- To enable the students to lead and adapt to the growing environment.

### Programme Educational Objectives (PEOs)

*PEO1— Preparation*— Embark upon successful professional practice in Computer engineering, displaying supportive and leadership roles.

*PEO2— Core*— Engage in professional projects requiring teamwork and making valuable contributions to design, development, and production in the practice of computer engineering or application areas

*PEO3— Breadth*— Equip to adapt and grow with changes in technology and globalization, and to pursue higher studies and research activities.

*PEO4— Professionalism*— Be capable of productive employment in field of computer engineering with competing technical expertise, good interpersonal skill.

*PEO5— Learning Environment*— Utilize their broad educational experience, ethics, and professionalism to make a positive impact on their local and professional communities.

### Program Specific Outcomes (PSOs)

*PSO1*— Designing Computer /Electronic based components which would serve social environment.

*PSO2*— Applying the current and gained knowledge and modern techniques not only in the Computers but in all related fields.

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## 5. DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Vision

To ascend as a focal point of scholarly prominence in Communication technocrats and related fields through learning procurement and proliferation addressing global requirements and guidelines.

### Mission

- Granting quality instruction by instilling principal information in hardware and correspondence designing with due spotlight on examination and industry hones.
- To proliferate long lasting learning.
- To grant the right extent of information, states of mind and morals in understudies to empower them take up positions of duty in the general public and make noteworthy commitments.

### Programme Educational Objectives (PEOs)

*PEO1*— Graduates might pursue a career eminence in electronic and communication engineering or associated industries or higher education and research, or as entrepreneurs.

*PEO2*— Graduates might exhibit the capability and demeanor to acclimatize sprouting technical challenges.

*PEO3*— Graduates might display specific knowledge of a gamut of Electronics and Communication engineering domains to cater the needs of the society.

### Programme Specific Outcomes (PSOs)

A graduate of the Electronics and Communication Engineering Program will have:

*PSO1*— Exhibit the ability to design and realize solutions by exercising principles of electronics, Digital System design, Integrated Circuits and Signal Processing for Commercial, Industrial and Defense requirements.

*PSO2*— Comprehend the doctrines of communication systems, computer networks, antennas to cater tele-communication industry requisites.

*PSO3*— Elucidate contemporary trends and propound feasible product development approaches.

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## 6. DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Vision

To rise as a focal point of scholastic incredibleness in electrical and electronics engineering and related fields through learning obtaining and proliferation meeting worldwide practices

### Mission

- To support the ability and to encourage the understudies with examination atmosphere in electrical and electronics engineering
- To proliferate deep rooted learning
- To grant the right extent of learning, mentalities and morals in understudies to empower them take up positions of duty in the general public and make critical commitments

### Program Educational Objectives (PEOs)

The objective of Electrical and Electronics Engineering Program are:

*PEO1*— To empower the students with a solid foundation in mathematical, scientific and engineering fundamentals so as to impart the necessary skills to analyze and synthesize electrical circuits, algorithms and to solve Electrical and Electronics Engineering problems.

*PEO2*— To encourage the students to develop professional and ethical attitudes, effective communication skills, teamwork, multidisciplinary approaches and an ability to relate engineering issues in a broader social context.

*PEO3*— To make the Graduates to better employability positions and motivate them to engage in learning and pursuing higher studies.

*PEO4*— To promote students life-long learning process through successful completion of their degrees and continuing education.

### **Program Specific Outcomes (PSOs)**

By the time of graduation, Electrical and Electronics Engineering students can

*PSO1*— Apply the fundamental knowledge in mathematics, science and engineering to identify, formulate, design and investigate complex electrical engineering problems of electric circuits, analog and digital electronic circuits, electrical machines and power systems.

*PSO2*— Apply appropriate techniques and modern Engineering hardware and software tools in Electrical engineering such as power system, Electrical machines and power electronics real life problems, to engage in life- long learning and to successfully adapt in multi disciplinary environments.

*PSO3*— Understand the impact of Professional Engineering solutions in societal and environmental context, commit to professional ethics and communicate with multi-domain professional effectively

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## **7. DEPARTMENT OF INFORMATION TECHNOLOGY**

### **Vision**

To develop as place for scholastic greatness in the field of information technology through creative learning hones

### **Mission**

- To give great instructing and learning environment for quality training in the field of Information technology
- To spread deep rooted learning
- To give the right extent of learning, states of mind and morals in understudies to empower them take up positions of duty in the general public and make huge commitments

### **Program Educational Objectives (PEOs)**

*PEO1*— Our graduates will exhibit professional skills to design, develop and test software systems for engineering needs.

*PEO2*— Our graduates will excel as successful Software Professionals.

*PEO3*— Our graduates will blend learning experience and professionalism to demonstrate a sense of societal and ethical responsibilities to the society.

### **Programme Specific Outcomes(PSOs)**

By the time of graduation, Information Technology students can

*PSO1*— To expose students with latest technology to face the market successfully.

*PSO2*— The ability to identify and analyze the user needs and take them into account in the selection, creation, evaluation and administration of computer-based systems.

*PSO3*— The ability to design, implements, and evaluate a computer-based system, process, component, or program to meet desired needs.

*PSO4*— To be able to effectively integrate IT-based solutions into the user environment.

*PSO5*— To be able to analyze a problem, and identify and define the computing requirements appropriate to its solution.

## 8. DEPARTMENT OF MECHANICAL ENGINEERING

### Vision

Educate the student community in curricular and co-curricular activities to fit in mechanical engineering and its allied sectors at global level.

### Mission

- To inculcate innovative thinking, quantitative reasoning & attitude.
- To provide opportunities for research & development.
- To promote entrepreneurship and intrapreneurship.

### Program Educational Objectives (PEOs)

Our Graduates,

*PEO1*— Will exhibit technical prowess to solve problems and able to work in multidisciplinary teams lead to deliver significant societal benefits.

*PEO2*— Will demonstrate professional engineering competence via promotions / positions of increasing responsibility.

*PEO3*— Will pursue research activities and publish papers, apply for patents, deliver effective conference presentations.

*PEO4*— Will demonstrate a commitment to the community and the profession through involvement with community / professional organizations / make contributions towards society's greater prosperity.

*PEO5*— Will demonstrate an understanding of the need for life-long learning via progress.

### Programme Specific Program Outcomes (PSO)

By the time of graduation, Mechanical Engineering students can

*PSO1*— Apply fundamental knowledge in mathematics, science and engineering for contributing to higher studies, teaching profession, research activities, and development of mechanical engineering and allied fields.

*PSO2*— Apply computational methods and analytical techniques for planning and analyzing mechanical engineering real life problems, designing the safe, economic and managing technical activities involved in mechanical engineering and allied projects.

*PSO3*— Exhibit ethics in collaboration with other members of multi-domain professional teams for the development of national sustainability.

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## 9. DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

### Vision

National Level distinction and International Visibility in Every Facet of Management Education

### Mission

To add to the productive administration of assets, for the monetary development and social improvement, by giving the abilities and information to oversee, and by overhauling the assemblage of learning, through examination and linkages with academicians, honing directors and business houses.

### Program Educational Objectives (PEOs)

MBA programme curriculum is designed to prepare the post graduate students

*PEO1*— To have a thorough understanding of the core aspects of the business.

*PEO2*— To provide the learners with the management tools to identify, analyze and create business opportunities as well as solve business problems.

*PEO3*— To prepare them to have a holistic approach towards management functions

*PEO4*— To motivate them for continuous learning.

*PEO5*— To inspire and make them practice ethical standards in business.

## 10. DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

### Vision

To develop as a chief learning place for processing, training and instilling human qualities to explain worldwide difficulties.

### Mission

- To engage understudies with learning, aptitudes and demeanor to create far reaching registering arrangements that addresses the requirements of the educated community, industry and society.
- To inculcate lifelong learning.
- To exceed expectations in instruction, research, consultancy and Industrial collaboration.

### Program Educational Objectives (PEOs)

*PEO1*— To prepare students to excel in the computing profession by providing solid technical foundations in the field of computer applications.

*PEO2*— To provide students various computing skills like the analysis, design and development of innovative software products to meet the industry needs.

*PEO3*— To motivate students to pursue lifelong learning and to do research as computing professionals and scientists.

To motivate students to communicate and function effectively in teams in multidisciplinary fields within the global, societal and environmental context.

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## GENERAL EVENTS CONDUCTED AT OUR COLLEGE



### Vinayagar Chaturthi Celebrations



Vel Tech High Tech celebrated Vinayagar Chaturthi on 28<sup>th</sup> August 2017. The festival started with ceremonial installation of a clay murti (idol). Staffs and students decorated the idol and the place with flowers and other colorful items. The program was started with the invocation followed by dance, drama and other competitions. Sweet Pongal and Sundal were distributed to all by our Foundress Vice-Chairman. Several students from our institution as well as our sister institutions participated in various programs such as dance, drama and mime. Our management practices a culture to recognize the talents of students by distributing them cash prizes and certificates as a token of appreciation. Founder President Col.Prof.Dr.Vel.R.Rangarajan and Foundress President Dr.Sakunthala Rangarajan distributed Rs.500 each to all the students those who participated in the events.

The following students participated in the events

Event No	Event Name	Students Name	Dept	Year/Class
<b>Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College</b>				
1	Classical Dance	Dhithya.V	Biotechnology	II
		Sneha Ramalingam	ECE	IV
		Aishwarya.S	CSE	IV
2	Folk Dance	Divya.R	Biotechnology	III
		Poojaa.M		
		Bhagyalakshmi.S		
4	Fusion Dance	S. Bharath Kumar	Biotech	IV
		Sam Prince	Mech	II
		Rinto Kevin	Mech	II
		S. Vignesh	Civil	III
		Md.Salman Sabrudeen	Chemical	IV
<b>Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College</b>				
1	Band	K. Manikandan	Mechanical	IV
		J.R.Venkateswaran		
		V. Muthiah Muralidharan		
		K. Dinesh		
2	Dance	R.Ajith	CSE	III
		R. Maneesh		
		R. Prince		
		R. Leyandar		
		S. Sabarish		

Event No	Event Name	Students Name	Dept	Year/Class
<b>Veltech (Owned by RS Trust)</b>				
1	Classical Dance	Shanthini	EEE	IV
		Priya Dharshini		
		Divya		
2	Folk	Pradeepa	Civil	IV
		Kalaivani		
3	Mimicary	Sriram	Civil	IV
4	Fusion Dance	Anirudh	ECE	II
		Rubesh	ECE	
		Irulamoorthy	Mechanical	
		Ruthiran	Civil	
		Shankar	Civil	
		Chandru	Civil	
<b>Vel Tech Ranga Sanku Arts College</b>				
1	Dance	Kumaresan.S	B.Sc	III
		Imran.R	B.Sc	II
		Deepak.R	BCA	II
2	Dance	Saravanan.K	B.Com	I
		Charuges.S	BCA	II
		Rishi	BBA	I
3	Dance	Jaikumar	BCA	I
		Nadar Sonu Priya Durai	B.Com	II
		Reshma K.S	B.Sc	II
4	Dance	Aishwarya.V	BCA	III
		Reshma V.S	CSE	II
		Sangeetha.N	BCA	I
		Swetha.J		
		Pavithra.R		
		Pragadeeshwari.S		
		Madhumitha.A		
		Saranya.B.S		
<b>Shri Vel's Estate Matriculation Higher Secondary School</b>				
1	Dance	S.Yamini		VIII
		M.Krithika		VIII
		M.Keerthana		VII
2	Dance	S.Harini		VII
		V.Meenatchi		
		A.Nehasharma		
3	Dance	S.Gayathri		VII
		S.Vinodhini		VII
		G.Vaishnavi		VII
4	Dance	P.Taanusiya		LKG
		S.Keerthana		UKG



## First year Inauguration for all B.E, B.Tech and PG Courses



The First Year B E/B Tech classes and the PG Classes for the Academic Year 2017-18 were inaugurated on August 23<sup>rd</sup> 2017. The parents who had gathered in the auditorium felt elated that their children had gained admittance in Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi, Chennai. Foundress Chairman Dr.Sakunthala Rangarajan congratulated the students and parents by blessing them. Vice-President Mr.K.V.D.Kishore Kumar felicitated the gathering and motivated the students with live examples from the industry. Chief Guest Mr. ManikandanThangarathnam, Director Engineering, Amazon, congratulated the students for selecting Vel Tech High Tech Engineering College and insisted on working hard to succeed in life.



## ONAM Celebrations



Onam was celebrated in our campus on 30<sup>th</sup> August 2017 with pomp and show. The program was commenced with the traditional lighting of the ceremonial lamp followed by dance and drama. Malayali students dressed themselves with their traditional Kerala attire and actively participated in the ceremony. The dance by our girls entranced the audience. Founder President Col. Prof. Dr. Vel. R. Rangarajan and Foundress President Dr.Sakunthala Rangarajan distributed Rs.300 each to all the students those who participated in the events.



## 11<sup>th</sup> Graduation Day of Vel Tech High Tech



The 11<sup>th</sup> graduation day of Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College was conducted on September 1<sup>st</sup> 2017. Esteemed Chief Guest for the occasion was Dr.Virander Singh Chauhan, Honorable Chairman, University Grants Commission (UGC).The Graduation Day was credited with totally 715 graduands getting degrees, out of which 584 are UG graduands and 131 are PG graduands. Vel Tech High Tech stands proud to announce that it has secured 16 University ranks with 3 ranks from the department of Chemical Engineering, 2 ranks from the department of Biotechnology, 6 ranks from M.E.Structural Engineering and 5 ranks from the department of Master of Computer Applications.



## Dr.A.P.J Abdul Kalam 2<sup>nd</sup> Anniversary



To commemorate the 2<sup>nd</sup> death anniversary of His Excellency Dr.A.P.J.Abdul Kalam on 27<sup>th</sup> July 2017, the Principal, Staff and Students of Vel tech High Tech, planted saplings in the garden. The Students participated enthusiastically in the green event.



## Tree Plantation by NSS



Tree plantation was also conducted by the National Service Scheme unit of Vel Tech High Tech on 8<sup>th</sup> August 2017 at our college campus. The entire wing of NSS participated in the event.



### Tree Plantation by NCC



Tree plantation was also conducted by the National Cadet Corps unit of Vel Tech High Tech on 10<sup>th</sup> August 2017 at our college campus. The Cadets along with their Officer participated in the event. The HOD's were also part of this green initiative.



### Higher Education Cell Program



A Guest Lecture on the scope of GATE & PSU Jobs was conducted by the Higher Education Cell on 29<sup>th</sup> August 2017 at our college campus. Principal Dr.E.Kamalanaban presided over the function and the expert lecture was delivered by Mr.S.Balamurugan, Regional Manager, GATE and Mr.V.SaravanaKumar, Faculty, GATE FORM.



### Teacher's Day Celebration



Teachers Day was celebrated at Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College on 5<sup>th</sup> September 2017. Principal Dr.E.Kamalanaban along with the heads of various departments garlanded the photo of Dr.S.Radhakrishnan, an accomplished scholar and a distinguished philosopher. His birthday was celebrated all over India as Teacher's Day, as he had taken Indian Philosophy to the western world.



### BEC Revision Seminar



A Revision Seminar for Business English Certification was conducted from 5<sup>th</sup> September 2017 to 8<sup>th</sup> September 2017 by Ms.Durgadevi.M, Asst.Professor & BEC Co-ordinator, Department of English. Mr.Issac Singh and Ms.Nandita, Trainers from Cambridge English were invited to revise the BEC Syllabus for the Students. BEC-exam was conducted for four days from 20<sup>th</sup> September 2017 to 23<sup>th</sup> September 2017.



### Parents Teachers Meeting



The Parents Teachers meeting for the academic year 2017 to 2018 was held at our college campus on 15<sup>th</sup> September 2017 for Higher Semester Students. Principal Dr.E.Kamalanaban addressed the parents with an inspirational and thought provoking address. He stressed the importance of motivating their ward by spending quality time with them, verifying whether they come to college regularly, take a look at their marks in internal assessments, refrain them from using mobile phones for long hours and to take an overall responsibility and active part in their wards professional growth.



### Orientation and Enrollment Program by NSS



An Orientation and Enrollment Program was conducted by the NSS Unit on 15<sup>th</sup> September 2017 at our college campus.



## Ayudha Pooja and Saraswathi Pooja Celebration



Goddess Saraswathi showers her blessing towards education and talent. Saraswathi pooja was celebrated in our college by all the departments on 27<sup>th</sup> September 2017. It was an auspicious event for both teachers and students to perform pooja at their department with the desire to develop unique innovation in them. . Several students from our institution as well as our sister institutions participated in various programs such as dance, drama and mime. Founder President Col. Prof. Dr. Vel. R. Rangarajan and Foundress President Dr.Sakunthala Rangarajan distributed Rs.500 each to all the students those who participated in the events.

The following students participated in the events.

S. No	Event Name	Students Name	Department	Year
<b>Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College</b>				
1	Classical Dance	Dhithya.V	Biotechnology	II
		R.Subhashree	IT	I
		M.Madhumitha	IT	I
2	Folk	Karthika.K	Biotechnology	II
		Shalini.J	Biotechnology	II
		Divya.R	Biotechnology	III
		Poojaa.M	Biotechnology	III
		Bhagalakshmi.S	Biotechnology	III
<b>Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College</b>				
1	Band	K.Manikandan	Mechanical	IV
		J.R.Venkateswaran		
		V.Muthiah Muralidharan		
		K.Dinesh		
<b>Vel Tech (Owned by R.S. Trust)</b>				
1	Dance	Jegadish	Mechanical	IV
		R Pavithran		
		Mohan Ram		
		Mohan Balaji		
		Hari Krishnan		
2	Mime	S Rajarajan	EEE	III
		Balaji L Hedge		
		J Ananth Raj		
		D Thirumal	Mechanical	II
		N Karunnyan		
		E Sai Ganesh		
Avinash				
<b>Vel Tech Ranga Sanku Arts College</b>				
1	Dance	V.Aiswarya	BCA	III
		V.S. Reshma	CSE	II

S. No	Event Name	Students Name	Department	Year
2	Dance	Pragadeeshwari.S	BCA	I
		Madhumitha.A		
		Pavithra.R		
		Sangeetha.N		
		Swetha.J		
		Sowmiya.V		
		Reshma K.S		

S.No	Students Name	Class
<b>Shri Vel's Estate Matriculation Higher Secondary School</b>		
1	K.Pragathi	VIII
2	V.Vidhyasri	VIII
3	K.Subhiksha	VIII
4	V.Ramya	VIII
5	A.Divya	VIII
6	Sai Dinesh	XII A
7	Sanjay	XII C
8	Taanusuya P	LKG



### Pranic Healing and Arhatic Yoga Orientation



First year students have been introduced Arhatic Yoga and Pranic Healing. Pranic healing is a technique used to heal our pain and uneven aura in our body due to stress.

This is the technique one can heal and overcome the stress themselves and to other person by using cosmic energy. Our students participated and learnt to use cosmic energy to improve their memory power and concentration in their studies.



### Higher Education Cell



The Higher Education Cell of our college conducted a program on “Higher Education Opportunities abroad” on 19<sup>th</sup> September 2017. Mr. Mahesh Packiyaraj, Regional Manager, Middlesex University and Mrs.Ranjitha, Assistant Manager, IDP Education India Pvt.Ltd addressed the students on higher education opportunities abroad.



### Blood Donation Camp



Vel Tech High Tech 1 [TN] BTY NCC Cadets Organized and Donated Blood in the Blood Donation Camp Conducted by Thulir Welfare Association on 24-07-2017 at TNHB, Avadi.



### Independence Day Celebration



Vel Tech High Tech 1 [TN] BTY NCC cadets and passed out seniors of our unit also took part in the independence day celebration on 15-08-2017 at Vel Tech campus.



### Yoga Day Camp



Vel Tech High Tech 1 [TN] BTY NCC Cadets Participated in the Yoga Day Camp Conducted on 21-06-2017 at A.M Jain College.



## Combined Annual Training Camp



Our Vel Tech High Tech 1 [TN] BTY NCC ANO Lt.Ezhilarasu.R got 1<sup>st</sup> Prize in Atheletics which is Conducted in the CATC Camp.

Our Vel Tech High Tech 1[TN] BTY NCC Cadets got Prizes for Guards Mounting and Atheletics.

## GUEST LECTURES



### Department of Biotechnology

#### Guest Lecture 1 : Design of Reactors ■ Date: 29.07.2017



Guest lecture was organized by the Department of Biotechnology for the III year and IV year students on 29<sup>th</sup> July 2017. The guest speaker was Mr.M.Bala Murugan, Scientific Officer, IGCAR. This programme was conducted in Lord Iyyappan hall. The session focussed mainly on Reactor Design, the students actively participated and gained knowledge in Industrial Process and its Application.

#### Guest Lecture 2 : Environmental Science ■ Date: 23.09.2017



Guest Lecture was organized on the topic Environmental Science on 23<sup>rd</sup> September 2017 by the Department of Biotechnology for the II year students at Lord Iyyappan hall, VTHT. The resource person Mr. Dhinesh Raj KS, Principal Consultant, Flex, inculcated environmental awareness among the students.



### Department of Chemical Engineering

#### Guest Lecture 1 : Fundamentals and Applications of Heat Transfer ■ Date: 22.07.2017



The Department of Chemical Engineering organized a Guest Lecture on 22 July 2017 on “Fundamentals and Applications of Heat Transfer” for 3<sup>rd</sup> & 4<sup>th</sup> year of B.Tech Chemical Engineering Students by Dr.E.Natarajan, Professor, Dept of Energy Studies. He is an expert in Heat and Mass Transfer and gave an excellent introduction on the principles of Heat Transfer. He shared his experience with our students with clarity. His lucid examples inspired many of our toppers to further knowledge in Heat and Mass Transfer.

## Guest Lecture 2 : Recent Trends in Chemical Engineering & Contribution of Chemical Engineering to the Society ▪ Date: 05.08.2017



Dr. G.S. Venkata Ratnam Sr. Principal Scientist, Dept of Chemical Engineering CLRI and Mr. D.Gokul Scientist SD System, Reliability Group of Solid Propellant Booster Plant, SDSC, SHAR, and ISRO visited our college as a part of start-up of IACH chapter in our college on 5<sup>th</sup> August 2017. Mr.Venkata Ratnam listed the openings available for Chemical Engineering in various central laboratories. Mr.D.Gokul explained as the Role of Chemical Engineering in ISRO. He also highlighted the working of cryogenic engine with Solid Propellant. Dr.A.M.Saravanan, Professor, Department of Mechanical and Industrial Engineering, Caledonian College of Engineering, Affiliated to Glasgow University, Scotland, UK, Sultanate of Oman, gave interesting note on teaching coursework available for chemical engineering faculty in abroad.

## Guest Lecture 3: Super Critical Fluids ▪ Date: 19.08.2017



Dr.N. Vedaraman, Senior Technical Officer , Department of Chemical Engineering, CLRI Chennai explained the present status of extraction using Super Critical Fluid and the present research work carried out in the above area to our students on 19<sup>th</sup> August 2017. Apart from CO<sub>2</sub> he also gave the list of other Super Critical Solvents used for selective extraction of essential oil.

## Guest Lecture 4 : Sustainable and Zero Discharge Technology ▪ Date: 12.09.2017



A Guest Lecture was organized for the benefit of 1<sup>st</sup> year Chemical Engineering and Biotechnology students by Mr.N.S.Vekataraman, Nandhini Consultancy on 12<sup>th</sup> September 2017. The key speaker promised a brighter future for both Chemical Engineering and Biotechnology Programme. He stressed the need to focus on sustainable and zero discharge technology and to improve their job prospects. The lecture left a positive note on everybody.



Guest Lecture 1 : Geology for Civil Engineering ■ Date: 05.08.2017



Dr. T. Subramani, Associate Professor – Anna University was invited to give lecture on “Geology for Civil Engineering” on 5<sup>th</sup> August 2017. He made the students to understand the role of geology in the design and construction process of opening the rocks in underground. He spoke about how to apply geologic concepts and approaches on rock engineering projects, and to identify and classify rock using basic geologic classification systems and how to use the geologic literature to design properly and to construct heavy civil works on rock projects.



Guest Lecture 1 : Business Intelligence and its Applications ■ Date: 21.09.2017



The Department of Computer Science and Engineering, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College organized a guest lecture on “ Business Intelligence and its Applications” for third year and final year students on 21<sup>st</sup> September 2017 at 11.30 AM to 1.30 PM. The Guest Lecture was delivered by Mr. Santhosh Chandran, Project Manager, Accenture, Chennai explained about business operations including Online Analytical Processing, Analytics, Data Mining, Process Mining, Business Performance Management and Predictive Analytics. The highlight of this lecture is, how business intelligence is applied to business purpose in current trend, in order to drive business value such as Measurement, Analytics, Enterprise Reporting, Collobaration Platform and knowledge Management. And also, the students were introduced with Various Business Intelligence (BI) tools. The lecture was followed by good interactive session and his comprehensive presentation triggered practical knowledge in students.

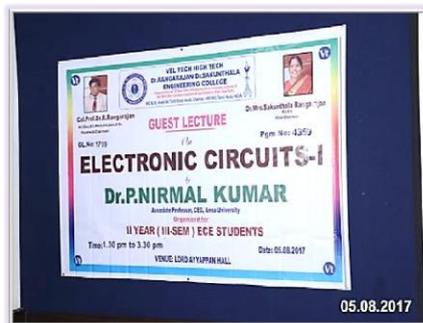


**Guest Lecture 1 : Digital Communications ■ Date: 10.07.2017**



Dr. Dharmaraj Professor & Head, IIT Delhi had delivered a Guest Lecture for third year students of Electronics and Communication Engineering on “Digital Communication” on 10<sup>th</sup> July 2017. The lecture covered topics that include principles of sampling & quantization, various waveform coding, baseband transmission, Band pass signalling schemes and the fundamentals of channel coding.

**Guest Lecture 2 : Electronic Circuits - I ■ Date: 05.08.2017**



Dr. P. Nirmal Kumar, Associate Professor, Anna University Chennai, delivered a Guest Lecture for second year students of Electronics and Communication Engineering on “Electronic Circuits -I” on 5<sup>th</sup> August 2017. The lecture covered topics like Biasing of Bipolar Junction Transistors and MOSFETs, Design and Construct Amplifiers and constructing amplifiers with active loads and high frequency response of all amplifiers.

**Guest Lecture 3 : Automation Process ■ Date: 08.09.2017**



Ms. Sreela Executive Engineer Customer Service Division Yokogawa India Limited delivered a Guest Lecture for final year students of Electronics and Communication Engineering on “Automation Process” on 8<sup>th</sup> September 2017. The lecture covered topics like Industrial Control Systems, Hardware Components for Automation, Numerical Control, Industrial Robotics, Programmable logic Controllers and Material Transport Systems.

## Guest Lecture 4: Multi Functional Antenna for Telecommunication Technology ▀

Date: 15.09.2017



Dr. Mohamad Tarmzi Ali Associate Professor head of Antenna Research Centre had delivered a Guest Lecture for final year students of Electronics and Communication Engineering on “Multi Functional Antenna for Telecommunication Technology” on 15<sup>th</sup> September 2017. The lecture covered topics like Radiation Phenomena, the Radiation Characteristics of different types of Antennas and different types of propagation of radio waves at different frequencies.



### Department of Electrical and Electronics Engineering

## Guest Lecture 1 : Transforms and Partial Differential Equations ▀ Date: 22.07.2017



Dr. B. Krishna Kumar, Prof., Dept of Maths, Anna University had delivered Guest Lecture for the second year Electrical and Electronics Engineering students. The Guest Lecture was conducted on 22<sup>nd</sup> July 2017 at Seminar Hall – I from 9.00 AM to 12.00 PM. The Guest Lecture was taken on the topic of Transforms and Partial Differential Equations. The lecture was quite interesting and very useful for the students who acquired knowledge on Fourier Series Analysis, Fourier Transform Techniques and Z-Transform Techniques, etc.,

## Guest Lecture 2 : Power System Analysis ▀ Date: 22.07.2017



Dr. P. Somasundaram, Associate Professor, Dept of EEE, Anna University had taken Guest Lecture for the third year Electrical and Electronics Engineering students. The Guest Lecture was conducted on 22<sup>nd</sup> July 2017 at Lord Ayyappan Hall from 9.00 AM to 12.00 PM. The Guest Lecture was on the topic of Power System Analysis. The students were able to understand and analyse the Power System Operation, Stability Control and Protection of Power System.

### Guest Lecture 3 : Protection and Switch Gear ■ Date: 22.07.2017



Mr.V.S.Sri Raja Balaguru, Assitant Engineer, TNEB, Chennai had taken Guest Lecture for the final year Electrical and Electronics Engineering students. The guest lecture was conducted on 22<sup>nd</sup> July 2017 at Seminar Hall II from 9.00 AM to 12.00 PM. The Guest Lecture is on the topic of Protection and Switch Gear. The students were able to understand the Power System Operation, stability, Control and Protection using various electrical equipments.



### Department of Information Technology

### Guest Lecture 1 : Computer Networks ■ Date: 28.07.2017



Dr.G.Rajesh, Assistant Professor, Department of IT, Anna University, MIT Campus, Chennai taken Guest Lecture on Computer Networks for III year IT students on 28<sup>th</sup> July 2017. His areas of interest are software engineering, software testing, computer networks and wireless sensor networks. He covered the topic of OSI model layers, different protocols and various networking devices. Students got a new idea about the topic.

### Guest Lecture 2 : Grid and Cloud Computing ■ Date: 28.07.2017



Mr.E.Mahendran, Senior Engineer, Centre for Development of Advanced Computing (CDAC) had given Guest Lecture on Grid and Cloud Computing for IV year IT students on 29<sup>th</sup> July 2017. His areas of interest are Grid Computing, Cloud Computing, Big data and having nine years of experience in industry. He covered the topic of Virtualization, Grid Services Architecture and Cloud Services. The Guest Lecture was useful to motivate the students for developing the real time applications in cloud computing.

### Guest Lecture 3 : Data Structures ■ Date: 11.08.2017



Dr.P.Varalakshmi, Associate Professor, Department of IT, Anna University, MIT Campus, Chennai had given Guest Lecture on Data Structures for II year IT students on 11<sup>th</sup> August 2017. Her areas of interest are Data Structures, Database management Systems and Web technology. She covered the topic of Non -linear data structures. The session was useful to motivate the students to do innovative projects.



### Department of Mechanical Engineering

### Guest Lecture 1 : Fluid Mechanics and Machinery ■ Date: 20.09.2017



The Guest lecture was on the Topic 'Fluid Mechanics and Machinery' presented by Dr. M.R. Swaminathan, Asst. Professor, CEG Campus, Anna University, Guindy, Chennai held on 20<sup>th</sup> September 2017 in Lord Ayyappan Hall for the students of Second year-Third semester Mechanical Engineering . The students learnt about the Fluid Properties and Flow Characteristics, Application of Continuity Equation, Energy Equation and Momentum Equation. They also learnt about the Fluid Flow through Conduits', knowledge of pumps and performance curves for turbines –governing of turbines.

### Guest Lecture 2 : 5s Tools in Industry ■ Date: 23.09.2017



The Guest lecture was on the Topic '5s Tools in Industry' presented by Ms. Sabrin Fathima, Employee Relations/Human Resources, Renault Nissan Automotive India Pvt Ltd., Chennai held on 23September 2017 in Lord Ayyappan Hall for the students of Fourth year-Seventh semester Mechanical Engineering . The students were given knowledge about Total Quality Management and its various levels in an industry. They learnt the application of 5s Tools in Industry or in any other organization which comes under the Total Productive Maintenance. They were also shown and practiced the real time demo on 5s Tools. The students understood the importance of the topic in real life situation.

## Guest Lecture 3 : Dynamics of Machines ▪ Date: 27.09.2017



Guest lecture on the Topic ‘Dynamics of Machines’ presented by Dr. K. Malar Mohan, Assistant Professor AU-FRG INSTITUTE for CAD/CAM Department of Mechanical Engineering, CEG Campus, Anna University, held on 27<sup>th</sup> September 2017 in Lord Ayyappan Hall for the students of Third year-Fifth semester Mechanical Engineering Department. The students observed the knowledge about the vibration and its modes. Basic features of vibratory systems – Degrees of freedom – single degree of freedom – Free vibration – Equations of motion – Natural frequency – Types of Damping – Damped vibration– Torsional vibration of shaft – Critical speeds of shafts – Torsional vibration – Two and three rotor torsional systems. Response of one degree freedom systems to periodic forcing.



### Department of Master of Business Administration

## Guest Lecture 1 : Forex Trading ▪ Date: 31.07.2017



A Guest Lecture was conducted by the Department of Business Administration on 31<sup>st</sup> July 2017. The lecture was attended by the II year students of MBA. The resource person Mr. Jithendra Babu, Regional Head, UAE Exchange and Financial Services Ltd gave insight on the various Money Exchanges and spoke about the functioning of foreign exchange. He also threw light on, all aspects of buying, selling and exchanging currencies at current or determined prices. He cleared all doubts on Brexit and other foreign exchange related queries.



Guest Lecture 1 : Mobile Computing ■ Date: 07.09.2017



A Guest Lecture on “Mobile Computing” was arranged by the Department of MCA on 7<sup>th</sup> September 2017. The Resource person was Dr.N.Thangaraj, Assistant Professor from Anna University CEG campus. The lecture was attended by 3<sup>rd</sup> year MCA students. The lecture started with covering the basics of Mobile Computing where the resource person addressed the technical advancement and effective transmission of data and gave real-time scenario where they would provide advantage over earlier systems. The concepts were crystal clear and provided insights of Mobile Computing architecture and technologies ranging from CDMA to GSM and various Multiplexing schemes. Various Routing and scheduling techniques are discussed. The lecture provided clarity on Mobile Computing techniques.

## INDUSTRIAL VISITS



### Department of Biotechnology



#### IV Year - Eppendorf India Pvt Ltd

Final year students of B.Tech Biotechnology visited Eppendorf India Pvt Ltd on 28<sup>th</sup> August 2017 (41 Nos) were the beneficiaries out of this visit. Eppendorf is a German company with its laboratory branches throughout the world. One such branch is located at Chennai. There was a group discussion between the laboratory in-charge and the students, through which the students gained knowledge and were able to implement it in their project.

#### II Year - OFERR

A total of 58 students along with two faculty members visited the site on 18<sup>th</sup> August 2017. OFERR is a farm run by an NGO to support Eelam refugees where they cultivate single cell protein organisms such as Spirulina and Azolla as an integrated farm. Second year students of B.Tech Biotechnology visited OFFER. Students were welcomed to the farm with a Spirulina drink. Mr. Rathna Raja Singham gave a thorough explanation about the methods of culture and prospects of Spirulina production to the students.



#### III Year - Supreme Petrochemicals

An industrial visit was planned to visit supreme petrochemicals, Manali on 11<sup>th</sup> August 2017 after getting prior permission from the respective authorities. Fifth semester students along with two faculty members visited their premises. Mr. explained the process and production of polymer compounds. There was a group discussion between the plant in-charge and the students, through which the students gained basic knowledge of the ongoing processes in the industry.



### Department of Chemical Engineering

#### III Years - Ramco Cements

On the 19<sup>th</sup> of August 2017, the Department of Chemical Engineering, had organized an Industrial Visit for 3<sup>rd</sup> Years students at Ramco cements, Chengalpet. Ramco Cements is a cement manufacturing company with different grades of cements in India. Ramco cements unit at Chengalpet specialises on PPC (Portland Pozzolana Cement). The clinkers and transported from their main unit and fly ash from north madras thermal power station is used along with clinkers. The visit was particularly useful for the 3<sup>rd</sup> year students since they study Mechanical Operation and Chemical Process Industries II in the V<sup>th</sup> semester.



#### IV Year - Strides Shasun Ltd, Puducherry



On the 11<sup>th</sup> of August, the Department of Chemical Engineering, Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi had organized an Industrial Visit for Final Years students at strides Shasun, Puducherry. Strides Shasun is a pharmaceutical company focusing on research and development and manufacture of biopharmaceuticals. It is one of the largest manufacturers of specialty soft gelatine capsules. The students went through the whole plant and observed the working of various equipments including continuous stirred tank reactor, HPLC, GC, boilers and refrigeration unit. Our students had a good interactive section with the unit head, HR and other technical experts. The interactive session boosted the confidence of our students. HR head gave an excellent review of what was needed by industry from fresh engineers.



#### Department of Civil Engineering

#### II Year - Poondi Reservoir

The second year students and faculty members of the Department of Civil Engineering went on a visit to Poondi on 28<sup>th</sup> August 2017. It is about 60 km from Chennai, located at Thiruvallur district. It is one of the feeding sources of water to Chennai city. It is a huge reservoir with an area of about 121 square miles.

The main purpose of the reservoir as told by an assistant engineer is for flood control, for irrigation purpose and to produce electricity. The base of the dam is cemented with barriers at the footings. These barriers are made to reduce soil erosion and velocity of water when it falls from flood gates. River sluice, canal sluice, flood gates, aqueduct, syphon aqueduct and super passage were also appraised. The working principle of the dam is illustrated with models. Overall trip was very interesting and the student gained a lot of knowledge.



#### Department of Computer Science and Engineering

#### II Years - BSNL



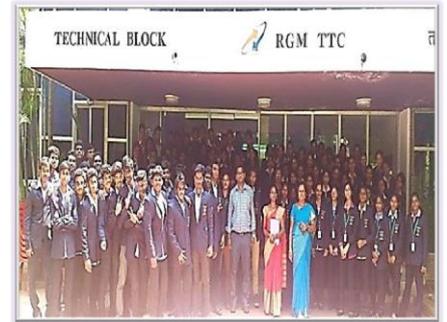
On 22<sup>nd</sup> August of 2017, the Department of Computer Science and Engineering, Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Avadi had arranged an Industrial Visit for second Year students at BSNL Maraimalai Nagar. Students observed the working of various Communication System Equipments like Telephone Terminals, Routers, Bridge, Proxy and Ethernet .The students had a good interactive section with the unit head and other technical experts. The interactive session boosted the confidence of our students. Students gained more practical knowledge in their subjects like Analog and Digital communication, Signals and Systems and Networking. Experts gave an excellent review of what was needed by industry from fresh engineers.



## Department of Electronics and Communication Engineering

### II Years - BSNL

The second year students of Electronics and Communication Engineering (102 members) had visited BSNL-RGMTTC, Meenambakam on 6<sup>th</sup> September 2017 along with four faculty members (Mr.Kolanchinathan, Mr.Prihivrajan, Mrs.Gowathami & Mrs.Krishana Kumari). They acquired knowledge how Mobile Communication, Optical Fibre Communication, Computer Networking and IP Addressing works in real time.



### III Years - Neyveli Lignite Corporation (NLC) Limited



The third year students of Electronics and Communication Engineering had visited Neyveli Lignite Corporation (NLC) Limited, on 25<sup>th</sup> September 2017 (ECE A- 42 members) and 3<sup>rd</sup> October 2017 (ECE B- 41 members) along with three faculty members (Mr.Prabhakaran, Mrs.Sindhu Priya, Mrs.Thameema Begum). They acquired knowledge about power plant which uses Pulverised fuel (PF) type fired sub critical unit. It is a lignite based thermal power station, in which the heat of combustion is first converted into mechanical and then to electrical energy. The main units of a thermal power plant are steam generators, steam turbine and the electrical generators.



## Department of Electrical and Electronics Engineering



II Year



III Year



IV Year

The second year, third year and the final year Electrical and Electronics Engineering students had undergone an industrial visit to TNEB-SCADA, Chennai on 23<sup>rd</sup>, 24<sup>th</sup> and 29<sup>th</sup> August 2017 respectively. They were exposed to the SCADA control system technology that's being used in SLDC, since 2010. The State Load Despatch Centre shall be responsible for optimum scheduling and despatch of electricity within a State, in accordance with the contracts entered into with the licenses or the generating companies operating in that State.



### III Years - Centre for Development of Advanced Computing

III Year students from Department of IT visited C-DAC (Centre for Development of Advanced Computing), Tidel Park, Chennai on 26th September, 2017. C-DAC is the premier R&D organization of the Ministry of Electronics and Information Technology (MeitY) for carrying out R&D in IT, Electronics and associated areas. C-DAC has today emerged as a premier R&D organization in IT&E (Information Technologies and Electronics) in the country working on strengthening national technological capabilities in the context of global developments in the field and responding to change in the market need in selected foundation areas. In that process, C-DAC represents a unique facet working in close junction with MeitY to realize nation's policy and pragmatic interventions and initiatives in Information Technology.



### III Years - BSNL - RTTC

III Year students from Department of IT visited BSNL - RTTC (Regional Telecom Training Centre), Chennai on 28<sup>th</sup> August, 2017. Bharat Sanchar Nigam Ltd. was incorporated on 15<sup>th</sup> September, 2000. It took over the business of providing of telecom services and network management from the erstwhile Central Government Departments of Telecom Services (DTS) and Telecom Operations (DTO), with effect from 1st October, 2000 on going concern basis. It is one of the largest & leading public sector units providing comprehensive range of telecom services in India. BSNL - RTTC provides job oriented and short term courses.



### IV Year - Avadi Tank Factory

The B.E.Mechanical Engineering Final year students visited Avadi Tank Factory on 29<sup>th</sup> July 2017. The Heavy vehicle factory (HVF) conducted an Exhibition for students. They displayed their Tanks, Missiles, Army vehicles. They also explained about the working of various techniques used in arms and how they are utilized in war.



### III Year - S.M.Smart Metals Pvt.Ltd

The B.E.Mechanical Engineering Third year students visited S. M. SMART METALS Pvt. Ltd, one of a small scale industry in SIDCO Industrial park near Vellanur- Avadi on 15<sup>th</sup> July 2017. They are one of the leaders in measurements of propeller parts used for boats. They explained about the application of CMM, various types of measurements for engineering work to the students.





### III Year – V.M.Industries Pvt.Ltd

The B.E.Mechanical Engineering Third year students visited V. M industries Pvt. Ltd, one of a small scale industry in SIDCO Industrial park near Vellanur- Avadi on 15<sup>th</sup> July 2017. They deal working with hydraulic press work and laser cutting for various mechanical components. Also they supply wheel drums for heavy vehicles.

### III Year – Ganesh Engineering Pvt.Ltd

The B.E.Mechanical Engineering Third year students visited Ganesh Engineering Pvt. Ltd, one of a small scale industry in SIDCO Industrial park near Vellanur- Avadi on 8<sup>th</sup> July 2017. The industry provided adequate information to students in learning basic engineering works like Sheet metal Processing, Arc and Gas welding process. They have also explained about CNC Lathe & CNC Milling works.



### III Year – PC Engineering Pvt.Ltd

The B.E.Mechanical Engineering Third year students visited P.C Engineering Pvt. Ltd, one of a small scale industry in SIDCO Industrial park near Vellanur- Avadi On 08.07.2017. They are one of the leading suppliers of automobile spare parts to the TVS group of companies. The student learnt various engineering works and laser cutting process.



### Department of Master of Computer Applications

### II and III Year – BSNL, Tambaram

The Department of MCA of Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College made an Industrial Visit to BSNL-Tambaram, Chennai on 19.09.2017. The visit was arranged to cater the technical Know-How needs of students. Both the 2<sup>nd</sup> and 3<sup>rd</sup> year students, comprising a total of 113 students guided by 4 faculty members, made the visit. During the visit an interaction session discussing the Evolution of BSNL, Yesteryear Communication technologies used and latest technologies incorporated in BSNL with their pros and cons were discussed. A Demo session and guided tour on latest equipments used for communication was also held. Thus the visit made to BSNL by students was fruitful and thought provoking.



S.No	Department	Year/Sem	Date	Place of Visit
1	Biotechnology	III/V	11.08.2017	Supreme Petrochem Ltd, Manali.
2	Biotechnology	II/III	18.08.2017	OFERR, Navalur.
3	Biotechnology	IV/VII	28.08.2017	Eppendorf India Pvt Ltd, Ambattur.
4	Chemical Engineering	IV/VII	11.08.2017	Strides Shasun Limited,
5	Chemical Engineering	III/V	19.08.2017	Ramco Cements Ltd,
6	Civil Engineering	II/III	30.08.2017	Poondi Reservoir
7	Computer Science and Engineering	II/III	22.08.2017	BSNL, Mariamalai Nagar Chennai
8	Electronics and Communications Engineering	II/III	06.09.2017	BSNL, Meenambakam
9	Electronics and Communications Engineering	III/V	25.09.2017	Neyveli Lignite Corporation(NLC) Ltd
10	Electrical and Electronics Engineering	II/III	23.08.2017	TNEB-SCADA, Anna Salai, Chennai
11	Electrical and Electronics Engineering	III/V	24.08.2017	TNEB-SCADA, Anna Salai, Chennai
12	Electrical and Electronics Engineering	IV/VII	29.08.2017	TNEB-SCADA, Anna Salai, Chennai
13	Information Technology	II / III	29.08.2017	RTTC, BSNL, Maraimalai Nagar
14	Information Technology	III / V	26.09.2017	CDAC, Tidel Park, Chennai
15	Mechanical Engineering	III/V	08.07.2017	Sheet Metal Works at Ganesh Engineering Works, SIDCO, Vellanur
16	Mechanical Engineering	III/V	08.07.2017	PC Engineering at SIDCO, Vellanur
17	Mechanical Engineering	III/V	15.07.2017	Smart Metals at SIDCO Vellanur
18	Mechanical Engineering	III/V	15.07.2017	VM Industries at SIDCO Vellanur
19	Mechanical Engineering	IV/VII	29.07.2017	Tank Factory at CVRDE
20	Master of Computer Applications	III/V	19.09.2017	BSNL Chennai
21	Master of Computer Applications	II/III	19.09.2017	BSNL Chennai

## INPLANT TRAINING

Vel Tech High Tech has a culture to promote students to acquire knowledge through Inplant Training. These Inplant training will give a insight to the students to enhance their theoretical knowledge by gaining practical exposure. Our college has made **INPLANT TRAINING** as a necessary one during their fourth or fifth semester; it is just to help students to know about how the industry works and to meet the demand because most of the companies hire people who have a good industrial knowledge.

S.No	Date	Department	Year/Sem	VH No	Student Name	Company Name
1	16.06.17-08.07.17	Biotechnology	IV/VII	7035	G. Hariharan	Imayam Aquafarm, Nagapattinam
2	21.07.17-27.07.17		IV/VII	7006	T. Sivaranjini	Aaranya Biosciences Pvt Ltd.
3				7036	B. Vidyalakshmi	
4				7015	H. Noorul Jamela	
5	28.06.17 - 04.07.17	Chemical Engineering	IV/VII	7785	Narendran.T	Steel Authority of India
6	29.06.17 - 04.07.17		IV/VII	7789	Naveen.P	Steel Authority of India
7	28.06.17 - 04.07.17		IV/VII	7767	Siranjeevi.V	Steel Authority of India
8	28.06.17 - 04.07.17		IV/VII	7215	V.V.Vivek	Steel Authority of India
9	04.07.17 - 06.07.17	Electrical & Electronics Engineering	III/V	7257	Aruna Devi T	JP Infotech, Chennai
10	04.07.17 - 06.07.17		III/V	7234	Hamshini R	JP Infotech, Chennai
11	04.07.17 - 07.07.17		III/V	7256	Aravindsamy A	Chennai Port Trust, Chennai
12	04.07.17 - 07.07.17		III/V	7200	Balaji P	Chennai Port Trust, Chennai
13	04.07.17 - 07.07.17		III/V	7216	Deepak M	Chennai Port Trust, Chennai
14	04.07.17 - 07.07.17		III/V	7254	Dharma Narayanan P	Chennai Port Trust, Chennai
15	04.07.17 - 07.07.17		III/V	7258	Elakkiyaselvan D	Chennai Port Trust, Chennai
16	04.07.17 - 07.07.17		III/V	7218	Gowtham P	Chennai Port Trust, Chennai
17	04.07.17 - 07.07.17		III/V	7225	Gowtham S	Chennai Port Trust, Chennai
18	04.07.17 - 07.07.17		III/V	7248	Krishnan S	Chennai Port Trust, Chennai
19	04.07.17 - 07.07.17		III/V	7207	Prakash R	Chennai Port Trust, Chennai
20	04.07.17 - 07.07.17	III/V	7260	Prakash R	Chennai Port Trust, Chennai	
21	04.07.17 - 07.07.17	III/V	7253	Tamilarasan R	Chennai Port Trust, Chennai	
17	08.08.17-12.08.17	Mechanical Engineering	III/V	7317	R.S.Rajkumar	Ashok Leyland, Ennore
18	08.08.17-12.08.17		III/V	7393	M.Sathish Kumar	Ashok Leyland, Ennore

S.No	Date	Department	Year/Sem	VH No	Student Name	Company Name
19	10.09.17-14.09.17		IV/VII	6501	M.Ilyaraja	Thermal Power Station, Tanjore
20	10.09.17-14.09.17		IV/VII	6579	P.Sathish Kumar	Thermal Power Station, Tanjore
21	10.09.17-14.09.17		IV/VII	6580	R.Madhana Surender	Thermal Power Station, Tanjore
22	10.09.17-14.09.17		IV/VII	6643	S.Bala Subramanian	Thermal Power Station, Tanjore
23	10.09.17-14.09.17		IV/VII	6657	P.Aravindhhan	Thermal Power Station, Tanjore
24	03.09.17-08.07.17		III/V	7347	K.Manoj Kumar	Ashok Leyland, Hosur
25	06.09.17-30.09.17	Master of Engineering (Structural)	II/III	80	Vijay Aravind S	Crishcons Constructions Technologies Pvt.Ltd
26	06.07.17-07.07.17		II/III	76	Mohammad Sathik Ali	Gulf Promoters Pvt.Ltd
27	06.07.17-07.07.17		II/III	69	Thesarajan. K.N.R	Karthikeyan Associates Structural and Geotac Consultant
28	06.11.17-07.11.17		II/III	83	Giridharan.M	Crishcons Constructions Technologies Pvt.Ltd
29	06.10.17-07.10.17		II/III	77	Marella Vishnu Varadhan Rao	Crishcons Constructions Technologies Pvt.Ltd
30	06.10.17		II/III	42	Annamma Bency	Vishwa
31	01.08.17-31.08.17	MBA (Master of Business Administration)	II/III	605	V.Aishwariya Bagavathi	Novateur Electrical & Digital Systems Pvt Ltd
32	01.08.17-31.08.17		II/III	563	K.Ajith Kumar	V-Trans(India)Pvt Ltd
33	01.08.17-31.08.17		II/III	594	A.Akila	Uber9 Business Process Services Pvt Ltd
34	01.08.17-31.08.17		II/III	601	K.Amuthavalli	Yes Vee Brothers
35	01.08.17-31.08.17		II/III	562	D.Balaji	The Vellore Co-Operative Sugar Mills Ltd
36	01.08.17-31.08.17		II/III	574	V.Dhanalakshmi	ITC Ltd
37	01.08.17-31.08.17		II/III	597	S.Dheena Kumar	Netaxis IT Solutions Pvt Ltd
38	01.08.17-31.08.17		II/III	618	V.P.Dinesh	Reliance Digital
39	01.08.17-31.08.17		II/III	602	R.Elangovan	Astrotech Steels Pvt Ltd
40	01.08.17-31.08.17		II/III	592	K.Gayathri	Design Classics Exports Pvt Ltd
41	01.08.17-31.08.17		II/III	584	P.Hemkumar	Hilton Hotels & Resorts
42	01.08.17-31.08.17		II/III	609	B.Jagan	Reliance Digital
43	01.08.17-31.08.17		II/III	561	B.Jayalakshmi	Metal Forms Pvt Ltd

S.No	Date	Department	Year/Sem	VH No	Student Name	Company Name	
44	01.08.17-31.08.17		II/III	607	G.Jenifer Juliet	Dhanalakshmi Financial Services Ltd	
45	01.08.17-31.08.17		II/III	613	J.Jones Jebasingh	Wheels India Ltd	
46	01.08.17-31.08.17		II/III	571	G.Kalyani	Das Manpower Consultancy Services	
47	01.08.17-31.08.17		II/III	598	I.Katharasan	Ultratech Cement Ltd	
48	01.08.17-31.08.17		II/III	590	G.Kesavan	Ashok Leyland Ltd	
49	01.08.17-31.08.17		II/III	589	A.Khamrunnisha	SRF Ltd	
50	01.08.17-31.08.17		II/III	606	K.Leena	Infiniti Retail Ltd	
51	01.08.17-31.08.17		II/III	593	B.Manoj	Radisson Blu Hotel Chennai City Centre	
52	01.08.17-31.08.17		II/III	572	P.Marceline Victoria Judith	TVS Logistics Services Ltd	
53	01.08.17-31.08.17		II/III	587	M.Merlin	Royal Enfield	
54	01.08.17-31.08.17		MBA (Master of Business Administration)	II/III	615	E.V.Merlin Saha	SGS International Agency
55	01.08.17-31.08.17			II/III	621	N.Mohammed Ismail	Bojraj Textile Mills Ltd
56	01.08.17-31.08.17			II/III	591	E.Mohan	Mickrovenz
57	01.08.17-31.08.17	II/III		576	C.R.Mohana Priya	Uniq Technologies	
58	01.08.17-31.08.17	II/III		583	P.N.Movika Sri	Novateur Electrical & Digital Systems Pvt Ltd	
59	01.08.17-31.08.17	II/III		581	M.Muthusivakumar	Ramcons Engineers & Builders Pvt Ltd	
60	01.08.17-31.08.17	II/III		585	K.Nagaraj	MOC Dies & Moulds	
61	01.08.17-31.08.17	II/III		620	M.Neelufer	Time Packaged Drinking Water	
62	01.08.17-31.08.17	II/III		604	M.Nithya	Novateur Electrical & Digital Systems Pvt Ltd	
63	01.08.17-31.08.17	II/III		582	S.Nivetha	Novateur Electrical & Digital Systems Pvt Ltd	
64	01.08.17-31.08.17	II/III		578	K.Panneer Selvam	Carborundum Universal Ltd	
65	01.08.17-31.08.17	II/III		573	M.Parthiban	Akash Lites	
66	01.08.17-31.08.17	II/III		577	P.Pavithra	Rane Brake Lining Ltd	
67	01.08.17-31.08.17	II/III		565	H.Pradeep	Renault Nissan Automotive India Pvt Ltd	
68	01.08.17-31.08.17	II/III		564	R.Prem Kumar	The Cheyyar Co-Op. Sugar Mills Ltd	
69	01.08.17-31.08.17	II/III		600	K.Prathap	Delta Shoes Pvt Ltd	

S.No	Date	Department	Year/Sem	VH No	Student Name	Company Name
70	01.08.17-31.08.17		II/III	603	S.Priyanka	Rane Engine Valve Ltd
71	01.08.17-31.08.17		II/III	566	K.Raja Iyyappan	Aranthaangi Chemical Products Ltd
72	01.08.17-31.08.17		II/III	580	Rakesh .R	Surya Engineering
73	01.08.17-31.08.17		II/III	579	R.Rama Murthy	Lucas-TVS Ltd
74	01.08.17-31.08.17		II/III	611	S.Sam Selvin	Renault Nissan Automotive India Pvt Ltd
75	01.08.17-31.08.17		II/III	614	Sangeetha Priya .M	The Villupuram-Cuddalore District Co-Operative Milk Producers Union Ltd
76	01.08.17-31.08.17		II/III	575	M.Sangeetha	Panasonic Appliances India Co.Ltd
77	01.08.17-31.08.17		II/III	608	M. Sasi Kala	Sarvam Safety Equipment Pvt Ltd
78	01.08.17-31.08.17		II/III	569	Sathish Kumar .P	Yosmite Engineering Pvt Ltd
79	01.08.17-31.08.17		II/III	619	Shafeeulla.A	Reliance Digital
80	01.08.17-31.08.17	MBA (Master of Business Administration)	II/III	617	K.Siva Kumar	Renault Nissan Automotive India Pvt Ltd
81	01.08.17-31.08.17		II/III	596	Sindhuja .Y	K.C.P.Limited
82	01.08.17-31.08.17		II/III	568	N.Surendar	Hatsun Agro Production Ltd
83	01.08.17-31.08.17		II/III	567	M.Thamarai Selvi	K.C.P.Limited
84	01.08.17-31.08.17		II/III	610	G.Vanitha	Wilson Power & Distribution Technologies Pvt Ltd
85	01.08.17-31.08.17		II/III	599	Vasantha Kumar.B	Navaneetham Enterprises
86	01.08.17-31.08.17		II/III	588	S.Vignesh Kumar	Ashok Leyland Ltd
87	01.08.17-31.08.17		II/III	586	S.Vijayarani	Pepsico India Holdings Pvt Ltd
88	01.08.17-31.08.17		II/III	595	S.Vishali	Sundaram-Clayton Ltd
89	01.08.17-31.08.17		II/III	612	Y. Yagapriya	Sunmix Network Pvt Ltd
90	01.08.17-31.08.17		II/III	570	J.Yuvaraj	ALF Engineering Pvt Ltd

## STUDENT PROJECT PROPOSAL

The institution felt that the best way to catch the companies' attention is through projects, so it encourages students from II year onwards by introducing mini project hours in the timetable throughout the semester. Through the project, the students not only get a deeper understanding of the subject but also gain hands-on practical experience. In order to harness the talent and potential available with students for the benefit of our State, Tamilnadu State Council for Science and Technology has been implementing Student Projects Scheme. Under this scheme final year UG students (Engineering) / PG Science Students / PG professional Students who have dissertation work in their curriculum may apply. Our Students not only apply for TNSCST, SWACHHATHON etc., but also apply for other private research funding agencies like FAER MCAFEE, INNOVATION INDIA INITIATIVE Etc.,

**List of Students who applied for Projects under various funding schemes:**

**Tamil Nadu State Council for Science and Technology**

S.No	VH.No	Name	Project Title	Guide Name
1	6759 6735	D.Balakumar C.Gowtham	An investigation of concrete by using pit sand as a partial replacement of river sand	Dr.M.Tamilselvi
2	6737 6758	K.Deepa lakshmi R. Maha Lakshmi	Removal of hexavalent chromium using sugarcane baggase powder	Dr.D.Sivakumar
3	6715 6700	M. Maha lakshmi T.M.Modhini	Municipal solid waste leachate treatment and simultaneous bio electricity generation using microbial fuel cell	Dr.D.Sivakumar
4	6708 6720	V.M.Raguthaman T.Duraiarasu	Reducing paper mill effluents azolla pinnata	Dr.D.Sivakumar

S. No	Student ID	Name of the Student	Sem-ester	Project Title	Name of the Guide
<b>Biotechnology</b>					
1	7024	Mathan Muthu C M	VII	Elucidation of Bioactive Compounds from Coastal Vegetation	Dr. D Yuvaraj
2	7018	Ravi Kumar A	VII	Production of Melanin from Deinococcus Sp. and Agaricus Bispolus	Ms. Nithiyandhi
3	7033	Santhosh Kumar S	VII		
4	7013	Chitra D L	VII	Hydrolysis of Plastic into TPA and Ethylene Glycol using Enzymes	Ms. R Anna Shiny
5	7017	Sri Bhavadharani K	VII		
6	7034	Divya Dharshani R	VII	Detoxification of Textile Effluent by Extracellular Enzymes	Ms. Anli Dino
7	7041	Archana T V	VII		
8	7027	Ramya S	VII	PCB Degradation by Enzyme Pack	Ms. R Anna Shiny
9	7012	Florance Freeda N	VII		
10	7023	Vishnu N R	VII	Rumen Manipulation to Increase Animal Production	Dr. M Chandran
11	7031	Aishwarya R	VII		
12	7003	Jayasudha M	VII	Production of Bandages with Chitosan Activity from Periplaneta Americana	Dr. D Yuvaraj
13	7020	Subashini I	VII		
14	7009	Nandhini S	VII		
15	7011	Kowshika S	VII	Activity of Activated Charcoal from Jack Fruit Waste	Dr. D Yuvaraj
16	7005	Suruthi S	VII		
<b>Chemical Engineering</b>					
17	7080	Prathiba Rajalakshmi. T. N	VII	Experimental Study on Removal of Chromium by Cocos Nucifera from Leather Industry Effluent	Mr.A.Saravana Raj
18	7761	Roshan Raj. J	V		

S. No	Student ID	Name of the Student	Sem-ester	Project Title	Name of the Guide
19	7077	S.Gopinath	VII	Production of Bio-Diesel from Azolla Oil from Brewery Effluent as Growth Medium	Dr.B.Bharathiraja
20	7778	D.Jesim Onyx Reevss	V		
21	7789	P.Naveen	V		
22	7071	S.Karthick	VII	Production of Biofuel from Microalgae	Mrs.S.Theepa Priya
23	7785	T.Narendran	V		
<b>Civil Engineering</b>					
24	6759	D.Balakumar	VII	An Investigation of Concrete by using Pit Sand as a Partial Replacement of River Sand	Dr.M.Tamilselvi
25	6735	C.Gowtham	VII		
26	6737	K.Deepa lakshmi	VII	Removal of Hexavalent Chromium using Sugarcane Baggase Powder	Dr.D.Sivakumar
27	6758	R. Maha Lakshmi	VII		
28	6715	M. Maha lakshmi	VII	Municipal Solid Waste Leachate Treatment and Simultaneous Bio Electricity Generation using Microbial Fuel Cell	Dr.D.Sivakumar
29	6700	T.M.Modhini	VII		
30	6708	V.M.Raguthaman	VII	Reducing Paper Mill Effluents Azolla Pinnata	Dr.D.Sivakumar
31	6720	T.Duraiarasu	VII		
<b>Computer Science and Engineering</b>					
32	7561	R.Esshwar Kishore	V	Android based Health Monitoring System using Arduino Interface	Dr.Veeramalai
33	7618	R.Ganesh	V		
34	7547	S.Sajith Kumar	V		
35	7525	Yesh R Singh	V	Smart Dustbin using Raspberry Pi	Mr.Karthikeyan
36	7570	M.Gourav Verma	V		
37	7519	Akash Tirkey	V		
38	7548	M.Ramya	V	An Android Application for the Women Security	Mrs.Shanmuga Priya
39	7577	P.Geethanjali	V		
40	7559	M.Akshaya	V		
41	7627	U.Ranjani	V	Secure Eelectronic Health Record using QR Code	Mrs.Ancy Breen
42	7623	K.Keerthana	V		
43	7556	N.Deepika	V		
44	7601	G.Tharangani	V		
<b>Electronics and Communication Engineering</b>					
45	6462	S.Yuvasree	VII	Street Light Glow on Detecting Vehicle Movement using Sensor	Dr N.D.Bobby
46	6469	J.Karthika	VII		
47	6408	A.R.Miruthula	VII		
48	6439	V.Karunasree	VII	Automatic Wireless Health Monitoring System In Hospitals for Patients	Dr N.D.Bobby
49	6437	Rkalpana	VII		
50	6465	Santhini	VII		
51	6400	R.Sridevi	VII	The Development of BPM Electronics for Raon	Mr.Muni Reddy
52	6397	A.Jasmine	VII		
53	6446	M.Saridarini	VII		
54	6433	M.K.Paranthaman	VII	Smart Hospitals using Internet of Things	Mr.Muni Reddy
55	6447	K.Muraliraj	VII		
56	6427	M.Balaji	VII		
57	6443	Divya	VII	Smart Security and Monitoring of Agriculture using IOT	Dr. Prithvirajan
58	6412	Sudha	VII		
59	6398	Juhitha	VII		
60	6444	Nithya	VII	Smart Wearable Device for Women Safety	Dr. J.Veerappan
61	6445	Chitra	VII		
62	6449	Gajalakshmi	VII		

S. No	Student ID	Name of the Student	Sem-ester	Project Title	Name of the Guide
63	6410	Karthikeyan	VII	An Overview on Heart Rate Monitoring and Pulse Oximeter System	Dr. Prithivirajan
64	6454	Aravindh Bharathi	VII		
65	6438	Madavan	VII		
66	6406	Dinesh	VII	Vehicle Tracking and Locking System Based on GSM and GPS	Mr.Muni Reddy
67	6455	Sivahareesh	VII		
68	6463	Ramanujam	VII		
69	6430	Soorya Narayana	VII		
70	6419	Vishwanath	VII		
<b>Electrical and Electronics Engineering</b>					
71	6518	Archana S	VII	GSM Based Real Time Disaster Rescue System	R Senthil Kumar
72	6539	Nantha Bala M	VII	Innovative Protection of Valuable Trees from Smuggling	K.R.Sugavanam
73	6541	Uma Shankari S	VII	Novel Fully Automatic Solar Powered Poultry Incubator	R Senthil Kumar
<b>Information Technology</b>					
74	6950	Gowtham V	VII	Visual Speech Reading for Deaf Students in Collaborative Learning Environment	Jagadish D
75	6964	Vasanth S	VII		
<b>Mechanical Engineering</b>					
76	6479	J.Peer Mohamed	VII	Design & Fabrication of Laser Engraving Machine	Mr.S.Rajamanikam
77	6485	A.Aakash	VII		
78	6496	D.Monesh	VII		
79	6477	V.Sri Ranga Ramanujam	VII	Design & Fabrication of Switch Operated Gear Shifting Mechanism for Two Wheelers	Dr.K.Arumugam
80	6491	B.Gokul Kumar	VII		
81	6493	C.Dinesh	VII		
82	6482	G.Saravanan	VII	Design & Fabrication of Two Wheeler Speed Reduction System using Wings	Mr.T.V.B.Babu
83	6488	L.Giridharan	VII		
84	6603	R.Ramkumar	VII		
85	6653	A.Thenamuthan	VII	Design and Fabrication of Autonomous Emergency Breaking for all Vehicle	Dr.R.Suresh
86	6630	V.P.Vaishnav	VII		
87	6581	P.Sarathy	VII		
88	6604	K.Theyagarajan	VII	Design & Fabrication of Modified Pneumatic Jack	Mr.T.V.B.Babu
89	6499	S.Ravishankar	VII		
90	6629	D.Someshwar	VII		
91	6615	Muppala Jagadeesh Varma	VII	Design and Fabrication of Cutting Machine using Paper as Tool	Mr.S.Rajamanikam
92	6622	Shaik Mohaamad Althaf	VII		
93	6592	J.Atony Michael Thilak	VII		
94	6585	G.Manoj Kumar	VII		
95	6648	G.Mugeshbabu	VII	Design and Fabrication of Mobile Boom Crane Avoiding Tipover	Mr.S.Seenuvas
96	6590	T.Ilayarasu	VII		
97	6655	A.Barathan	VII		
98	6645	R.Delhibabu	VII		
<b>Master of Computer Applications</b>					
99	510	Mythily S	V	Automated Traffic Monitoring System	Mrs.R.Latha
100	515	Shobana R	V		
101	523	Swedha M	V		

S. No	Student ID	Name of the Student	Sem-ester	Project Title	Name of the Guide
102	530	Anu M	V	Triggering a Man to Farm an Agriculture	Mr.D.Dhalayan
103	539	Swathi K	V		
104	501	Karpaga Meenakshi S	V		
105	531	Allwyn Antony	V		
106	516	Saroliya D	V	Transforming Orphan Lives	Mr.M.Sakthivel
107	502	Nivedha V	V		
108	509	Sai Lakshmi S	V		
109	518	Saranya M	V		

### 9<sup>th</sup> India Innovation Initiative

S. No	Student ID	Name of the Student	Sem-ester	Project Title	Name of the Guide
<b>Mechanical</b>					
1	7389	Naveen Kumar.M	V	Electro-Mechno Electric	Dr.K.Arumugam
2	8024	Thurabudeen.K	III	Hybrid Car Plug In Point	Dr.K.Arumugam
3	8047	Rahul Raj.R	III		
4	8027	Prawin Babu.L	III		
5	8041	Yogesh Babu.B	III		
6	8011	Sasi Bharath.S	III	All Terrain Drone	Mr.M.Muralidharan
7	8059	Santhosh Kumar.K	III		
8	7990	Sugumar.P	III		
9	7994	Sam Prince.K	III		
10	LE	Praveen.R	III	Deduction of Temperature from Helmet	Mr.Palani.R
11	LE	Rakesh.R	III		
12	8003	Vijay.M	III		
13	8062	Charan.B	III	Inter Solar Road Way	Dr.R.Suresh
14	8086	Jeffrin Jen.J	III	Smart Save Box	Dr.R.Suresh

### SWACHHATHON

S. No	Student ID	Name of the Student	Sem-ester	Project Title	Name of the Guide
<b>Biotechnology</b>					
1	7022	Grace Vanathi	VII	Menstrual Health Management	Dr.D.Yuvaraj

### Other Project Proposals by the students of Department of Computer Science and Engineering

S.No	Batch No.	VH No	Name of the Student	Internal Guide	Title of the Project
1	1	7586	Hema Lakshmi K	Mrs.Shanmugapriya	A Novel Approach for Scrimp using IOT
2		7581	Gokula Priya A		
3		7592	Ashikaa A		
4	2	7553	Sapna A	Dr.Kamalanaban.E	Hybrid Helfy Mobile App
5		7558	Alagammai P L		
6		7584	Rakshana R		
7	3	7606	Mini Priyaa K	Mr.R.Karthikeyan	Land Authorization
8		7575	Nishalini Monica G		
9		7622	Selva Lakshmi S		

S.No	Batch No.	VH No	Name of the Student	Internal Guide	Title of the Project
10	4	7576	Yuvashree K	Mr.V.Sabapathi	Smart Phone Based Human Fall Detection System
11		7591	Vidhyalakshmi R		
12		7574	Divya T		
13	5	7561	Esshwar Kishore R	Mrs.P.K Sheela Shantha Kumari	Android Based Health Monitoring System using Arduino Interface
14		7547	Sajith Kumar S		
15		7618	Ganesh R		
16	6	7602	Karthick S	Ms.M.Gowthami	App for Right to Information Application Act
17		7582	Rajagopal B		
18		7608	Alwin J		
19	7	7583	Deenadhayalan S	Mr.R.Danu	An Android Application to Bridge Donors and Recipients for Life Saving
20		7620	Karan Raj R		
21		7534	Naveen J		
22		7573	Surya S		
23	8	7607	Jagan S	Dr.Veeramalai	Exam Result Analysis System
24		7537	Gopi N		
25		7625	Bhuvaneshwaran E		
26		7572	Suresh Kumar M		
27	9	7569	Ameenur Rahman.M	Dr.S.Hemalatha	Talking Fist Game
28		7552	Kesava Kumar R		
29		7521	Gouthamamithran RA		
30	10	7610	Hariharan B	Ms.S.Sageengrana	Game Programming using Unreal Engine
31		7565	Vigneshwar S		
32		7630	Akash Bharathi R		
33	11	7541	Ashwin R	Dr.P.Murali	Mobile and PC Security
34		7597	Vimal Raj V		
35		7585	Vignesh S		
36		7631	Syed Mohammed Afridi I		
37	12	7539	Niveka G	Mrs.S.Durga Devi	Fictitious Car
38		7617	Krithika J		
39		7616	Jayasree S		
40		7532	Judith Esther Martina J		
41	13	7522	Divya Bharathi P	Mr.Praveen.T	Finger Print based ATM Machine
42		7619	Ramya V		
43		7609	Hemamalini J		
44		7624	Jeevitha S		
45	14	7615	Gayathri S	Ms.D. Rejees Jenifa	Incredible Companion of Wi-Fi Technology-LiFi
46		7626	Reshma J		
47		7535	Durga Devi T		
48		7611	Sulthana H		
49	15	7578	Haritha T A	Ms. Queen Mary Vidya	Farmers Chum
50		7595	Priyadharsini P		
51		7549	Sowmiya R		
52	16	7629	Praiseson P	Mrs. W.Ancy Breen	Web App for Stock Market
53		7526	Vignesh B		
54		7599	Senthil Kumar P		
55		7545	Vinodraj V		
S.No	VH No	Name of the Student		Internal Guide	Title of the Project
56	7542	Lokesh S		Mr.R.Karthikeyan	Bye -Secured Chat Website
57	7538	Yuvaraj T			
58	7540	Naveen Kumar R			

S.No	VH No	Name of the Student	Internal Guide	Title of the Project
59	7525	Yash R Singh	Dr.Kamalanaban.E	Smart Dustbin
60	7570	Gourav Verma M		
61	7519	Akash Tirkey		
62	7555	Mohan J	Mr.P.Senthil	Health Care Application
63	7557	Dinesh M		
64	7587	Gokul A		
65	7562	Mohammed Hidayath K	Ms.R.Rajasaranya Kumari	Child Rescuer Robot
66	7590	Gopinath A		
67	7571	Mannuru Sainath Reddy		
68	7523	Naveen S S	Mrs.Shanmugapriya	Identification of Fake Currency Notes
69	7528	Abhishek K		
70	7536	Hariharan Csk		
71	7603	Abhishek P	Ms.S.Durga Devi	Fitness and Calorie Tracker
72	7628	Balaji R		
73	7564	Santhosh P		
74	7530	Praveen Kumar S	Mr.P.Karthikeyan	A Secure Image Stegnography
75	7544	Dhanush Kumar J		
76	7559	Akash J		
77	7623	Keerthana K	Ms.S.Sageengrana	Secure Electronic Health Record via QR-Code
78	7556	Deepika N		
79	7601	Tharangini G		
80	7548	Ranjani U	Mrs. W.Ancy Breen	Smart Ambulance
81	7579	Monisha N		
82	7551	Iswarya M		
83	7593	Preethi B	Ms.M.Gowthami	An Android App for Women Safety
84	7548	Ramya M		
85	7577	Geethanjali P		
86	7559	Akshaya M	Mr.R.Danu	User Friendly ATM
87	7567	Puniya K K		
88	7531	Dhivya M		
89	7529	Aishvarya S	Ms. Queen Mary Vidya	Identification of Human Vital Signs
90	7524	Anisha B		
91	7627	Ranjitha R		
92	7568	Hindhuja A	Dr.Veeramalai	Two Factor Data Security for Cloud Computing
93	7596	Gnanapriya J		
94	7597	Vijayarahavi N		
95	7191	Hanu K	Mr.Praveen.T	Human Health Care in Medicine using Barcode Generator
96	7520	Kayalvizhi P		
97	7605	Porselvi G		
98	7613	Lakshmipriya P	Mr.V.Sabapathi	Location Tracking Android Device Using SMS
99	7604	Abdul Hakeem M K		
100	7546	Leo Praveen P		
101	7580	Devi G V	Dr.S.Hemalatha	Online Revaluation System
102	7594	Shamini Vadhana J		
103	7197	Divya S		
104	7588	Janaki Raman D	Mrs.P.K Sheela Shantha Kumari	VTHT Student App
105	7550	Surya M		
106	7600	Sandeep S		
107	7614	Reghuram K	Mrs.P.K Sheela Shantha Kumari	VTHT Student App
108	7566	Jayaprakash S		
109	7563	Manikandan R		
110	7560	Rajeshwaran A		

## STUDENTS PARTICIPATION / WON AWARDS



### Department of Biotechnology

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated /Won
1	05.08.17	V	7714	Anand.A	ASTHIVARAA 2k17 Non Technical Symposium <i>SRM Eshwari Engg College</i>	Participated
2	17.08.17 & 18.08.17	V	7715 7723 7719 7736 7733 7737 7712	Pritheeba.S Kiruthika Nivasini.A.S Reshma.M Naveen Shangar.S Saran Raj.S Muthiyah.M.R Vijaya Kumar.V	2 Days Workshop on Biogenesis <i>Sri Venkateshwara College of Engineering</i>	Participated
3	28.08.17 - 01.09.17	V	7701 7732 7705	Shaleni.R Nethra.V Shamsiz Zuha.S	Short Term Corse on Waste Management <i>NIT, Trichy</i>	Participated
4	23.08.17 - 25.08.17	V	7722 7721	Muhila.M Prasanna Priya.R.E	International Conference on Biotechnology & Its Application in Aquaculture <i>Annamalai University, Parangipettai</i>	Participated
5	14.03.17 & 15.03.17	VII	7031 7027 7012 7040	Aishwarya .R Ramya. S Florance FreedaN Yuvashree S	Sarvasatra-2017 <i>Dr. M.G.R University, Chennai</i>	Participated
6	18.07.17 - 22.07.17	VII	7013 7017 7034 7012 7025 7031	Chitra D. L Sribhavadharani R Divyadharshini R Florance Freeda N Ramya. S R. Aishwarya	Biotechnology Lab Techniques - Workshop <i>Sathyabama University</i>	Participated
7	23.08.17 - 25.08.17	VII	7031 7027 7012	Aishwarya .R Ramya. S Florance Freeda N	International Conference on Biotechnology & Its Application in Aquaculture <i>Annamalai university, Parangipettai</i>	Won special prize



### Department of Chemical Engineering

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated /Won
1	03.08.17 - 04.08.17	IV/ VII	7080	Prathiba Rajalakshmi T.N	Conference on Ionic Liquids in Green Chemical Processes and Sustainable Technologies, Paper Presentation	Participation

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated /Won
2	30.08.17 - 31.08.17	IV/ VII	7080	Prathiba Rajalakshmi T.N	Phenochem 17-2 Day National Level Muti- Disciplinary Symposium, Conservation Optimisation of Resources And Environment(CORE), Paper, Poster Presentation	Paper-First Place, Poster-2 <sup>nd</sup> Place
3	30.08.17 - 31.08.17	III/V	7766	Yuvasri N.U	Phenochem 17-2 Day National Level Muti- Disciplinary Symposium, Conservation Optimisation of Resources And Environment (CORE), Paper, Poster Presentation	Paper-First Place Poster-2 <sup>nd</sup> Place
4	16.08.17	III/V	7766	Yuvasri N.U	Chennai International Youth Fest, Innovators	III <sup>rd</sup> place
5	16.08.17	III/V	7761	Roshan Raj	Chennai International Youth Fest, Innovators	III <sup>rd</sup> place
6	18.08.17	II/III	8459	Sasikumar R	National Level Conference on Recent Trends in Environmental Engineering, Paper Presentation	Participation
7	08.09.17 - 09.09.17	III/V	7761	Roshan Raj J, Vignesh.S	INVENTE 2.0 A National Level Technical Fest, Presented A Paper on Removal of Chromium using Cocusnucifera	Paper- First Prize
8	08.09.17 - 09.09.17	III/V	7772 7786	Divya T Gayathri K	INVENTE 2.0 A National Level Technical Fest, Presented A Paper on Electrosorption	Paper First Prize
9	08.09.17 - 09.09.17	III/V	7766 7784	Yuvasri N U Kavya V N Roshan Raj J	INVENTE 2.0 A National Level Technical Fest, Entrepreneurship, Hybrid Solar Cells	Breaking Bad First Prize
10	08.09.17 - 09.09.17	III/V	7778 7768	Jesim Onyx Reeves D, Kishore Ashwin B	INVENTE 2.0 A National Level Technical Fest, Entrepreneurship, Solar Cells	Breaking Bad Third Prize
11	08.09.17 - 09.09.17	III/V	7766 7784	Yuvasri N U, Kavya V N	INVENTE 2.0 A National Level Technical Fest, Presented A Paper on Modelling of Rotating Reverse Osmosis Method by Taylor-Couette Flow	Paper- Participation
12	08.09.17 - 09.09.17	III/V	7778 7768	Jesim Onyx Reeves D, Kishore Ashwin B	INVENTE 2.0 A National Level Technical Fest, Presented a Paper on the Production of Biodiesel	Paper- Participation

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated /Won
13	08.09.17 - 09.09.17	II/III	8465	Jenish Joyal J	INVENTE 2.0 A National Level Technical Fest, Presented A Poster on PFC as an Artificial Blood	Poster-Second Prize
14	08.09.17 - 09.09.17	II/III	8464	Sharan A	INVENTE 2.0 A National Level Technical Fest, Presented A Poster on Metal- Air Battery	Poster-Participation
15	08.09.17 - 09.09.17	II/III	8459 8467	Sasikumar R Sanjay E	INVENTE 2.0 A National Level Technical Fest, Presented a Poster on Norserex as an Effective Oil Absorber	Poster-Participation
16	08.09.17 - 09.09.17	II/III	8464 8459	Sharan A Sasikumar R	INVENTE 2.0 A National Level Technical Fest, Chem Fantasy League	Second Prize



### Department of Civil Engineering

S.No	Date	Year/ Sem	VH No	Student Name	Events	Participated/ Won
1	16.09.17	IV/VII	6763	J Manoj	Flim Festival	Second Prize
2	16.09.17	IV/VII	6704	N Marundeeash	Flim Festival	Second Prize
3	12.08.17	IV/VII	6745	Abhay A Saralay	Bridge It	Second Prize
4	12.08.17	IV/VII	6773	S Kannan	Bridge It	Second Prize
5	12.08.17	IV/VII	6750	B Vivek Harinath Singh	Bridge It	Second Prize
6	09.09.17	III/V	7502	S Vignesh	Shrishti,17	First Prize
7	14.09.17	III/V	7502	S Vignesh	Zonals I	Third Prize
8	14.09.17	III/V	7470	R Dhinesh	Zonals I	Third Prize
9	14.09.17	III/V	7261	Dinesh Nabkoty	Zonals I	Third Prize
10	02.09.17	III/V	7500	M Karthikeyan	Zonals I	Participation
11	02.09.17	III/V	7450	G Vinesh	Zonals I	Participation
12	02.09.17	III/V	7444	S Mohammed Azarudeen	Zonals I	Participation
13	19.08.17	II/III	8096	K.Natraj	Intercollege Competition	Participation



### Department of Computer Science and Engineering

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated/Won
1	09.09.17	IV/VII	6901	Devarajan	Project 3-D Printing	I <sup>st</sup> Prize- SS College
2	09.09.17	II/III	8318	Santhosh.R	Group-Dance	I <sup>st</sup> Prize Hindustan University
3	18.08.17	III/V	7555	Mohan.J	Gaming	II <sup>nd</sup> Prize Agni College
4	22.08.17	IV/VII	6877	Ramachandran.D	Crypt Analysis	III <sup>rd</sup> Prize- Loyola College

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated/Won
5	22.08.17	IV/VII	6893	Arun Aravinth.R	Paper Presentation- (Honey Pots in Network Security)	Participation- <i>Gojan College</i>
6	09.09.17	II/III	8288	Santhosh.J	Poster Designing	Participated <i>SSN College</i>
7	17.08.17 - 18.08.17	IV/VII	6892	Praveen Kumar.P	Au Zonal Cricket Tournament	Participation <i>Gojan College</i>
		IV/VII	6849	Deepak Kumar		
	III/V	7620	Karan Raj.R			
	III/V	7560	Rajeshwaran.A			
8	31.08.17	IV/VII	6892	Praveen Kumar.P	Stag Cricket Tournament	Participation <i>TDCA, Redhills</i>
		IV/VII	6849	Deepak Kumar		
		III/V	7620	Karan Raj.R		
		III/V	7560	Rajeshwaran.A		



### Department of Electronics and Communication Engineering

S.No	Date	Year /Sem	VH No	Student Name	Events	Participated /Won
1	17.08.17	III/V	7152	D.Sivaramakrishanan	IOT-Workshop	Participated
2	17.08.17	III/V	7145	C.Saravanakumar	IOT-Workshop	Participated
3	17.08.17	III/V	7163	E.Swaminathan	IOT-Workshop	Participated
4	19.08.17	II/III	7892	R.Akshaya	Technical Symposium	Participated
5	30.08.17	III/V	7116	L.Sangeetha	Android Hacking	Participated
6	31.08.17	II/III	7816	D.Mirudhulaa	Basic Life	Participated
7	31.08.17	II/III	7816	D.Mirudhulaa	Technical Symposium	Participated
8	31.08.17	II/III	7892	R.Akshaya	Basic Life	Participated
9	31.08.17	II/III	7892	R.Akshaya	Basic Life	Participated
10	01.09.17 – 15.09.17	III/V	7147	T.Chandru	Army Attachment Camp	Participated
11	01.09.17 – 15.09.17	III/V	7182	K.Premkumar	Army Attachment Camp	Participated
12	04.09.17	III/V	7188	M.Mahadevi	Workshop	Participated
13	08.09.17	III/V	7171	M.D.Sneha	Workshop	Participated
14	08.09.17	III/V	7105	G.Pavithra Lakshmi	Workshop	Participated
15	14.09.17 – 15.09.17	III/V	7122	Gopiram	Basketball	Participated
16	14.09.17 – 15.09.17	III/V	7165	Rajenesh	Basketball	Participated
17	16.09.17	III/V	7162	J.Jency Monica	Workshop	Participated
18	16.09.17	II/III	7902	Ajay Kumar	Connect ME	Participated
19	17.09.17	III/V	7161	R.Nishanthi	Workshop	Participated



### Department of Electrical and Electronics Engineering

S.No	Date	Year/ Sem	VH No	Student Name	Events	Participated /Won
1	23.07.17	III/V	7250	Sushma Shree.N	Workshop "Network Simulator-2" at Pantech ProEd Pvt Ltd, Chennai	Participated
2	23.07.17	III/V	7226	Sanjana.R	Workshop "Network Simulator-2" at Pantech ProEd Pvt Ltd, Chennai	Participated



## Department of Information Technology

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated/Won
1	18.08.17	II/III	8335	Christopher Joseph.L	Workshop	Participated
2	24.09.17	III/V	7660	Aravind Raj.S	10 Kms Marathon	Participated



S.Aravind Raj (VH7660) of III Year from the Department Information Technology has participated and finished the Marathon - "The purple Run" under 10 Kms category conducted by The Forum Vijaya Mall on 24<sup>th</sup> September 2017.



## Department of Mechanical Engineering



Mr.A.Saravanan(VH 7366), III Year Mechanical student won 2 Gold and 2 Silver Medals at the International Level Karate tournament held at Srilanka. He is also selected for an International tournament in London and a national tournament in Delhi. We wish him success in his future endeavours

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated/Won
1	08.09.17	III/V	7291	S.Ramvarshan	International Conference	Participated
2	07.09.17	IV/VII	6579	P.Karthi Kumar	Paper Presentation	Participated
3	07.09.17	IV/VII	6634	E.Bharath Kumar	Paper Presentation	Participated
4	07.09.17	IV/VII	6687	A.S.Magesh	Paper Presentation	Participated
5	08.09.17	III/V	7374	T.Jevaneewar	Symposium Ssn Invent	Participated
6		III/V	7213	S.Muthupandy	Symposium Phython	Participated
7	08.09.17	II/III	8059	K.Santhosh Kumar	Workshop Automated Robotics	Participated
8	08.09.17	II/III	7990	P.Sugumar	Workshop Automated Robotics	Participated

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated/Won
9	08.09.17	II/III	7992	T.Tharun	Workshop Automated Robotics	Participated
10	08.09.17	II/III	8011	S.Sasibharath	Workshop Automated Robotics	Participated
11	08.09.17	II/III	7978	S.Dinesh Kumar	Workshop Automated Robotics	Participated
12	08.09.17	III/V	7331	S.Ashok Kumar	Workshop Automated Robotics	Participated
13	08.09.17	III/V	7342	N.Harish Kumar	Workshop Automated Robotics	Participated
14	08.09.17	III/V	7333	H.Gowtham	Workshop Automated Robotics	Participated
15	08.09.17	III/V	7395	K.Nandha Kumar	Workshop Automated Robotics	Participated
16	08.09.17	III/V	7325	S.Venkat Kumar	Workshop Automated Robotics	Participated
17	08.09.17	III/V	7396	G.Vignesh	Workshop Automated Robotics	Participated
18	08.09.17	III/V	7394	S.R.Shivesh	Workshop Automated Robotics	Participated
19	08.09.17	III/V	7300	P.Vigneshwaran	Workshop Automated Robotics	Participated
20	08.09.17	III/V	7339	B.Santhosh Raj	Workshop Automated Robotics	Participated
21	08.09.17	III/V	7369	D.Manivasagam	Workshop Automated Robotics	Participated
22	08.09.17	III/V	7365	R.Akash	Workshop Automated Robotics	Participated
23	04.09.17-08.08.17	III/V	7308	J.Venkat	Workshop Energy Audit	Participated
24	04.09.17-08.08.17	III/V	7329	S.Vinoth	Workshop Energy Audit	Participated
25	01.08.17	III/V	7362	P.Srigokul	Workshop Waste Management	Participated
26	01.08.17	III/V	7346	P.Srirahul	Workshop Waste Management	Participated
27	24.07.17	IV/VII	6603	R.Ramkumar	Training Program 3D Printing and 3D Scanning	Participated
28	24.07.17	IV/VII	6671	T.R.Adhithyan	Training Program 3D Printing and 3D Scanning	Participated
29	24.07.17	IV/VII	6588	R.Narendran	Training Program 3D Printing and 3D Scanning	Participated
30	24.07.17	IV/VII	6666	P.Pankaj Ghosh	Training Program 3D Printing and 3D Scanning	Participated
31	24.07.17	IV/VII	6477	Sri Ranga Ramanujaa	Training Program 3D Printing and 3D Scanning	Participated
32	24.07.17	IV/VII	6618	G.Thilippan	Training Program 3D Printing and 3D Scanning	Participated
33	24.07.17	IV/VII	6620	V.Venu Gopal	Training Program 3D Printing and 3D Scanning	Participated
34	24.07.17	IV/VII	6652	V.Viji	Training Program 3D Printing and 3D Scanning	Participated

S.No	Date	Year/Sem	VH No	Student Name	Events	Participated/Won
35	24.07.17	IV/VII	6669	K.Mohamed Faizal	Training Program 3D Printing and 3D Scaning	Participated
36	24.07.17	IV/VII	6635	S.Sandosh Kumar	Training Program 3D Printing and 3D Scaning	Participated
37	24.07.17	IV/VII	6491	B.Gokul Kumar	Training Program 3D Printing and 3D Scaning	Participated
38	24.07.17	IV/VII	6626	L.Vishnu Priyan	Training Program 3D Printing and 3D Scaning	Participated
39	24.07.17	IV/VII	6631	P.Ajith Kumar	Training Program 3D Printing and 3D Scaning	Participated
40	24.07.17	IV/VII	6637	V.Balaji	Training Program 3D Printing and 3D Scaning	Participated
41	24.07.17	IV/VII	6632	M.Dayanithi	Training Program 3D Printing and 3D Scaning	Participated
42	24.07.17	IV/VII	6664	S.Durai Raj	Training Program 3D Printing and 3D Scaning	Participated
43	24.07.17	IV/VII	6586	T.Madhan Kumar	Training Program 3D Printing and 3D Scaning	Participated
44	24.07.17	IV/VII	6647	S.Rahul	Training Program 3D Printing and 3D Scaning	Participated



### Faculty Awards



Dr.N.Akbar Jan, Associate Professor, Department of Management Studies received the MTC (Management Teacher's Consortium) Global Award, for 10 years in teaching and Research, at ITC, Bangalore.



Dr.D.Sivakumar, Professor, Department of Civil Engineering, Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai, Received "IEAE-Research Excellence Award 2017" on 5<sup>th</sup> August 2017.



Dr.B.Bharathiraja, Associate Professor, Department of Chemical Engineering received the "Dr.APJ Abdul Kalam Award for Young Scientist - 2017" from Marina Labs on 21<sup>st</sup> October 2017.



## Faculty Development Program



The department of Computer Science and Engineering conducted a Faculty Development Program on “Python Programming” on 19<sup>th</sup> August 2017. The resource person for the event was Mr.Sibi Chakkaravarthy Sethuraman, Research Scholar, MIT, Chennai who conducted a workshop on Python Programming. This Faculty Development Programme aimed to equip teachers with skills and knowledge in algorithmic Solutions and understand the structure of Simple Python Programs. The topic was inclusive of Data expression statements, Control Flow, Functions, Compound data-lists, tuples, Dictionaries, Files Modules and Packages.21 faculties from the Department of Computer Science and Engineering attended the program and benefited out of it.

### List of faculties who attended the Faculty Development Program:

S.No	Faculty ID	First Name	Designation
1	1103	Dr.S.Veeramalai	Professor
2	954	Dr.P.Hema Latha	Assistant Professor
3	1354	Dr.Murali.P	Assistant Professor
4	1361	Mr. R.Karthikeyan	Assistant Professor
5	206	Mr. P.Karthikeyan	Associate Professor
6	650	Mrs.P.K Sheela Shantha Kumari	Assistant Professor
7	556	Mrs. S.Shanmugapriya	Assistant Professor
8	1096	Ms. Queen Mary Vidya	Assistant Professor
9	1077	Mrs. W.Ancy Breen	Assistant Professor
10	808	Mr.Praveen.T	Associate Professor
11	1082	Ms.S.Sageengrana	Assistant Professor
12	1113	Mr.R.Danu	Assistant Professor
13	1116	Mrs.Gowthami	Assistant Professor
14	1156	Ms.R.Anto Rose	Assistant Professor
15	1246	Mr.P.Senthil	Assistant Professor
16	1245	Ms.R.Rajasaranya Kumari	Assistant Professor
17	1268	Ms.P.J.Alin Mercybha	Assistant Professor
18	1208	Mr.V.Sabapathi	Assistant Professor
19	1298	Mr.V.S.Raj Kumar	Assistant Professor
20	1327	Ms.D. Rejees Jenifa	Assistant Professor
21	1355	Mrs.S.Durga Devi	Assistant Professor



S. No	Name	Title of the paper	Journal name	Volume / issue / page No	Year	Index and I.F
1	Dr.D.Yuvaraj	Microbial oil – A plausible alternate resource for food and fuel application	Bioresource Technology	233 (2017) 423-432	2017	Scopus
2	Dr.D.Yuvaraj	Biodiesel production from microbial oil derived from wood isolate Trichoderma reesei	Bioresource Technology	239 (2017) 538-541	2017	Scopus
3	Mr. J. Iyyappan	Production and purification of pectinase by newly isolated Bacillus megaterium PBIL-2 using agro residue	Int. Journal of Modern Science and Technology	2(8): 297-303	2017	NIL
4	Mr. J. Iyyappan	Statistical optimization of L-asparaginase production by E. coli K-12 MTCC 1302	Int. Journal of Industrial Engineering	1 (5): 178-182	2017	NIL
5	Dr.B.Bharathiraja	Simultaneous saccharification and fermentation of woody stem Prosopis juliflora by Zymomonas mobilis for the production of cellulosic ethanol	Int. J. Materials and Product Technology	Vol. 55, Nos. 1/2/3, 2017	2017	Scopus
6	Dr.B.Bharathiraja	Biodiesel production from microbial oil derived from wood isolate Trichoderma reesei	Bioresource Technology	239 (2017) 538-541	2017	Scopus
7	Dr.B.Bharathiraja	Microbial oil – A plausible alternate resource for food and fuel Application	Bioresource Technology	233 (2017) 423-432	2017	Scopus
8	Dr.M. Tholkapiyan A Mohan	Experimental Investigation on RC Confined Column with Confinement and Additional Wrapping	Journal of Advanced Research in Dynamical and Control Systems	Vol 02; Pg No : 963- 986	July, 2017	Scopus
9	Dr.M. Tholkapiyan A Mohan	Sustainable Approach on Reuse of Waste Materials in Construction	International Journal of Pure and Applied Mathematics	Vol 115; Pg No : 337-341	September, 2017	Scopus
10	Dr.M. Tholkapiyan A Mohan	Behaviour and Impact of Concrete Deck Slab, Shear Connector and Steel Beam in Composite Bridge	International Journal of Pure and Applied Mathematics	Vol 115; Pg No : 247- 254	September, 2017	Scopus
11	Dr.M. Tholkapiyan A Mohan	Experimental Investigation on RC Confined Column with Confinement and Additional Wrapping	Journal of Advanced Research in Dynamical and Control Systems	Vol 02; Pg No : 963- 986	July, 2017	Scopus
12	Mr.Prabakaran K	Infant Monitoring System & Theft Alert	Int. Journal for Scientific Research & Development (IJSRD)	Vol. 5, Issue 05, Jul 2017	Jul 2017	Google Scholar

S. No	Name	Title of the paper	Journal name	Volume / issue / page No	Year	Index and I.F
13	Mr.Mohammed Ovaiz.A	Alleviating Torque Ripple and Speed Control of BLDC Motor by Back EMF Detection using Fuzzy Logic Controller	Int. Journal of Control Theory and Applications (IJCTA)	Volume 10, No 36, Aug 2017	Aug 2017	Scopus
14	Dr.Veeramalai.S	User Transactions through Automated Expert Systems in the Large Datasets	JARDCS	Special issue 02, Pp.938-946	Sep 2017	Scopus
15	Dr.Veeramalai.S	Cyber Tracking and Roadmap Generation of Terrorist Recruitment in Social Media	Journal of Advanced Research in Dynamical and Control Systems, JARDCS	Special issue 02, Pp.947-962	Sep 2017	Scopus
16	Dr.Veeramalai.S	An Intelligent Aggregation and Retrieval of Resource Framework Dataset on Remote Virtualization Centre	International Journal of Pure and Applied Mathematics	Volume 115 No.7, Pp.325-330,	Sep 2017	Scopus
17	Dr.Veeramalai.S	User Transactions through Automated Expert Systems in the Large Datasets	JARDCS	Special issue 02, Pp.938-946	Sep 2017	
18	V. Sathyamoorthy R.Anbazhagan R. Suresh	Improving the Depth of Number Marking on Engine Cylinder Block by Hydraulic Power System	International Journal of Pure and Applied Mathematics	Volume 115 No. 6 2017, 369-374	2017	0.635
19	K. Arumugam V. Sathiyamoorthy R.Anbazhagan R.Suresh	Performance and Emission Characteristics of Ci Engine Fueled with 100% Palm Biodiesel: An Experimental Study	International Journal of Pure and Applied Mathematics	Volume 115 No. 8 2017, 265-273	2017	0.635
20	Suresh. R	A Study on Automated Tool Wear Monitoring by using IOT	International Journal of Pure and Applied Mathematics	Volume 115 No. 6 2017, 343-349	2017	0.635
21	Nagendran.N Gayathri.N	Wear Analysis of LM25 (A356) Alloy Manufactured By Squeeze Casting	Applied Mechanics And Materials	Volume 867 pp 157-164	2017	0.12
22	Nagendran.N Gayathri.N	Effects of Nano Particles on the Micro Structure of LM25 (A356) Alloy Manufactured by Squeeze Casting	Applied Mechanics And Materials	Volume 867 pp 64-70	2017	0.12
23	Gayathri.N	Energy Saving Method for Operating CNC Machine Toor	Applied Mechanics And Materials	Volume 867 pp 272-279	2017	0.12
24	V. Sathyamoorthy R.Anbazhagan R. Suresh	Improving the Depth of Number Marking on Engine Cylinder Block by Hydraulic Power System	International Journal of Pure and Applied Mathematics	Volume 115 No. 6 2017, 369-374	2017	0.635



**Alumni Name: Mr. Balaji .E** ■ **Batch: 2009-2013** ■ **Date of Visit: 07.07.2017**



Our Alumni Mr. E. Balaji visited our college on 7<sup>th</sup> July 2017 and interacted with students in the Alumni-Student interaction programme conducted on that day. He is the Director of SYNORBS BIOSOLUTIONS Pvt Ltd. He addressed the students about his college life, experience, project proposals, presentations and etc., He gave some guidelines to students about higher education, internships, trainings and how to gain experience in lab skills. He gave awareness about entrepreneurship and financial help given by government for entrepreneurs. His interaction was student friendly and shared most of his sweet memories in our institution and especially in the department. It enlightened the spirit of students to shine in their life being an entrepreneur.

**Alumni Name: Mr. Sudharshan Sreenivas & Mr. P. Manikandan**

**Batch: 2009-2013** ■ **Date of Visit: 22.7.2017**



In the month of July, the second Alumni- student interaction was conducted on 22<sup>nd</sup> July, 2017. Our Alumni Mr. Sudharshan Sreenivas & Mr. P. Manikandan visited our college and interacted with the students in the Alumni-Student interaction programme. They shared their experiences and some memories they had in our college and how they utilized the support and resources of our college. They motivated the students to participate in National and International Conferences like how they used to do so. They encouraged students to pursue higher education and gave some guidelines to study abroad. They guided the students to be aware in getting jobs and choosing companies or industries for their work. Their interactive speech inspired most of the students who are willing to pursue higher studies abroad.

**Alumni Name: Ms. Karthiga .K ■ Batch: 2010-2014 ■ Date of Visit: 23.09.2017**



Our alumni Ms.K.Karthiga visited our campus and interacted with the students on 23<sup>rd</sup> September 2017. She completed her B.Tech Biotechnology degree in our college in batch 2010 – 2014 .She was selected in campus interview held in our campus. She shared her work experience in her company as a Medical Coding agent in AGS Health Care. She worked there till 2015. She interacted with the students about medical coding, companies offering medical coding jobs.

She actively interacted with the students and cleared doubts on medical coding, what they do in medical coding field. She shared her experience about her job as a team leader in Access health care from 2016 onwards. She explained how they code patient histories and their prescription with unique coding language. She explained about the margin of salary for Medical coding personnel, job scope and its necessity. The overall session was very useful.



**Department of Chemical Engineering**

**Alumni Name: Mr. Prabhakaran. K & Mr. Ramachandra Reddy  
Batch: 2008-2012 ■ Date of Visit: 08.07.2017**



On the 8<sup>th</sup> of July 2017, Department of Chemical Engineering, had organized an interactive session with the alumni, Mr.K.Prabhakaran a Research Associate in Chennai Petroleum Corporation Limited, Manali and Mr.Ramachandra Reddy, a Senior Executive, Piramal Enterprises Limited, Chennai were invited for the meet to share their experience and expertise with the current II, III and IV year students.

They had graduated in the year 2012. They were successful in sharing their knowledge about myriad aspects of the field and were happy to clear various doubts the students had in mind regarding the course and their future. They spoke about higher education and the employment opportunities in store for future chemical engineers. When it came to higher education both of them had contrary views. Mr.K.Prabhakaran emphasized on GATE examination which will open doors to employment in Public Sector Units (PSUs).

Mr.Ramachandra Reddy asked the students to gear up for other competitive exams such as GRE, TOEFL and IELTS which will pave way to pursue education abroad. He asked the students to refrain from spending money in order to study abroad. He spoke about the vital role of scholarships which will lend a helping hand in lessening the financial burden of students as well as parents. They further spoke about plenty of employment opportunities available in India and abroad.

Mr.K.Prabakaran laid emphasis on work experience and shared his knowledge on Petrochemical Industries. Mr.Ramachandra Reddy spoke about the tough competition that stares at the students outside and the efforts that are to be put in to overcome it. He gave enormous information about Pharmaceutical Industries. They further threw light on working in core companies and the hardships one has to face if they get employed in IT companies. Both of them emphasized on strengthening the basics and insisted on having a wide knowledge regarding the subject. On the whole, the interaction was motivating and gave us an idea as of what we must look forward to after the completion of the course. Further the students were very much satisfied and got a crystal clear picture about the course they had chosen.



## Department of Civil Engineering

**Alumni Name: Ms. V. Bhavana ■ Batch: 2009-2013 ■ Date of Visit: 08.07.2017**



On the 8<sup>th</sup> of July 2017, Department of Civil Engineering had organized an interactive session with the alumna Ms. V. Bhavana. She was graduated in the Civil Engineering department in our college in the year 2013. She has completed her master degree in PSG engineering college at Coimbatore. She is presently the managing director of VRCH Construction Pvt., Ltd, Chennai. We are proud to say that she is a gold medalist and a first rank holder. She encouraged all the students for their bright future and also she encouraged all the female students to take up their career in the construction field. The students were very much impressed with her enthusiastic speech. Finally her wonderful speech made the students with full of energy and enthusiasm. At last” she not only left her words, she left her footpath for her juniors.”

**Alumni Name: Mr.J. Pradeep ■ Batch: 2009-2013 ■ Date of Visit: 08.07.2017**



Mr.J. Pradeep graduated in Civil Engineering in our college in the year of 2013. He was Assistant Managing Director of RCH Construction Pvt., Ltd. He encouraged the students with his motivational speech. He gave many ideas for the students to develop their career. He spoke about the current trends in Civil Engineering. He also encouraged the students to take up their career in construction field instead of design field. With the arrival of the alumnus, the student got a complete idea of their future. Finally the students felt thankful for the management.

**Alumni Name: Mr.A. Jagadhan Prakash ■ Batch: 2011-2015 ■ Date of Visit: 19.08.2017**



Mr.A. Jagadhan Prakash graduated in Civil Engineering from our college in the year 2015. He also pursued his PG (M.E structural engineering) in our College. He was an outstanding student in our college. He is currently the Project Head in Dynamic Engineering Research Centre, Avadi, Chennai. He discussed about the DERC main concepts in the training program including software analysis. Further, he discussed about the recent construction materials and techniques such as fly ash bricks and manufacturing of sand. Finally his wonderful speech energized our students.

**Alumni Name: Ms.A. Pavithra ■ Batch: 2009-2013 ■ Date of Visit: 23.09.2017**



Ms.A. Pavithra (VH4052) graduated Civil Engineering from our college in the year of 2015. She is currently working as a Branch Coordinator in CADD CAM solutions, Avadi, Chennai. She encouraged all the students for their bright future. She discussed about the Civil Design software and UPSC exam. She encouraged the students to take up their career in construction field instead of design field.

**Alumni Name: Mr.A.khalid Ahmed Gour ■ Batch: 2011-2015 ■ Date of Visit: 23.09.2017**



Mr.A.khalid Ahmed Gour (VH4068) graduated Civil Engineering from our college in the year 2015. He completed his post graduation in (M.E Structural engineering) from SRM University, Chennai. He is currently the Project Head in M.R.Associates - Engineers and Builders, Ayanavaram, Chennai. He discussed about the planning, approval, elevation drawing, structural design and steel design. Further he discussed about the all types of construction work, water proofing treatment, structural stability for all buildings, road work construction, small bridges and culvert construction.



**Alumni Name: Mr. Srikar Singh ■ Batch: 2010-2014 ■ Date of Visit: 10.07.2017**



An Alumni Interaction session was conducted on 10<sup>th</sup> July 2017. Mr. Srikar Singh was the Alumni Chief Guest, who is currently working as a Technical Associate in Cognizant Technology Solutions. He has over all experience around 3 years. He has completed his Bachelor Degree in the year 2014. He shared his industrial experience in the session. He also made the students to do some task. The students were attracted by his motivational speech.

**Alumni Name: Mr. Muthaiah ■ Batch: 2011-2015 ■ Date of Visit: 22.07.2017**



An Alumni Interaction session was conducted on 22<sup>nd</sup> July 2017. Mr. Muthaiah was the Alumni Chief Guest, who is currently working as a Software Developer in WIPRO technologies. He has two years of experience. He has completed his under graduate in the year 2015. He gave a clear idea for placement preparation. Finally he advised the students to utilize the training session effectively which is conducted in the college and instructed them to take more online tests to improve their skills. He also motivated them to “never give up”.

**Alumni Name: Ms. Shabnam ■ Batch: 2012-2016 ■ Date of Visit: 28.08.2017**



An Alumni Interaction session was conducted on 28<sup>th</sup> July 2017. Ms. Shabnam was the Alumni Chief Guest, who is currently working as Engineer Level Trainee in Cognizant Technology Solutions. She has completed her under graduate in the year 2016. She gave many tips to prepare for Placement. She advised the students not to give up. She motivated the students by sharing her interview experience.

**Alumni Name: Mr. Kaliappa ■ Batch: 2005-2009 ■ Date of Visit: 20.09.2017**



An Alumni Interaction Session was conducted on 20<sup>th</sup> September 2017. Mr. Kaliappan is the Alumni Chief Guest, who is currently working as a Senior Project Lead in Intellect Design Arena. He has seven years experience. He has completed his under graduate in the year 2009. He gave a clear idea for placement preparation. Finally he advised the students to utilize the training session effectively which is conducted in the college and instructed them to take more online tests to improve their skills.

**Alumni Name: Ms. J. Yuvashree ■ Batch: 2012-2016 ■ Date of Visit: 23.09.2017**



The Alumni Interaction session was conducted on 22<sup>nd</sup> September 2017. Ms.J.Yuvashree was the alumni chief guest, who is currently working as Project Engineer in Wipro Technologies. She has completed her under graduate in the year 2016. She gave many tips to prepare for Placement. She advised the students not to give up. She motivated the students by sharing her interview experience.



**Department of Electronics and Communication Engineering**

**Alumni Name: Mr. Barath Kumar ■ Batch: 2009-2013 ■ Date of Visit: 08.07.2017**



An Alumni Interaction session was conducted on 8<sup>th</sup> July 2017. Mr. Barath Kumar. D was the Alumni Chief Guest, who is currently working as storage and cloud computing administrator in HCL technologies. He has over all experience around 2 years. He has also worked as a Java Developer in Sans Pareil IT services. He has completed his Bachelor Degree in the year 2015. He shared his industrial experience in the session. He also shared a video of Dr. Abdul Kalam's inspirational speech. The students were attracted by his motivational speech.

**Alumni Name: Ms. Sandhiya.S ■ Batch: 2012-2016 ■ Date of Visit: 22.07.2017**



An Alumni Interaction session was conducted on 22<sup>nd</sup> July 2017. Ms.S.Sandhiya was the Alumni Chief Guest, who is currently working as Project Engineer in WIPRO technologies. She has completed her under graduate in the year 2016. First she addressed her juniors about her achievements in the college and how to prepare a sample resume. Next she spoke about the interview rounds in the company like IBM and Wipro. Also she shared about her industrial experience in the company. The students gained knowledge to prepare for the companies like WIPRO, IBM.

**Alumni Name: Mr. John Paul Dinesh. PJ ■ Batch: 2011-2015 ■ Date of Visit: 19.08.2017**



An Alumni Interaction session was conducted on 19<sup>th</sup> August 2017. Mr. John Paul Dinesh. PJ was the Alumni Chief Guest, who is currently working as Senior software engineer in Capegemini. He has over all experience around 2 years. He has completed his bachelor degree in the year 2015. He shared his industrial experience in the session. It was good input for the current students to prepare themselves for getting placed in reputed companies. The students were attracted by his motivational speech regarding his hardwork and effort.

**Alumni Name: Ms. Sai keerthi ■ Batch: 2011-2015 ■ Date of Visit: 23.09.2017**



An alumni interaction session was conducted on 23<sup>rd</sup> September 2017. Ms. Saikeerthi. S was the alumni chief guest, who is currently working as Quality Service Associate in Amazon. She has completed her under graduate in the year 2016. She shared her ideas about how to prepare for aptitude and technical rounds. She also advised the students to present the self introduction which is asked in interviews in a positive manner. She insisted the students to utilize the training session effectively conducted in the college and motivated them to never give up their hard work.



**Alumni Name: S. Hanumashree ■ Batch: 2011-2015 ■ Date of Visit: 14.07.2017**



An Alumni Interaction session was conducted on 14<sup>th</sup> July 2017 by the Department of Electrical and Electronics Engineering and the guest was S.Hanumashree Server Administrator, Wipro Technologies who has 2 yrs of experience and shared lot of experience about college life and industries. It was good input for the current students to prepare themselves for getting placed in Wipro and other reputed companies. S.Hanumashree was 2011-2015 batch passed out student and also department topper.

**Alumni Name: Vignesh.R ■ Batch: 2010-2014 ■ Date of Visit: 22.07.2017**



An Alumni Interaction session was conducted on 22<sup>nd</sup> July 2017 by the Department of Electrical and Electronics Engineering and the guest was R.Vignesh Software Engineer, Wipro Technologies who has 2.7 yrs experience and he shared lot of experience about college life and industries. It was good input for the current students to prepare themselves for getting placed in Wipro and other reputed companies. R.Vignesh was 2010-2014 batch passed out student with Anna university rank 35.

**Alumni Name: Mr.Abdul Rahman ■ Batch: 2010-2014 ■ Date of Visit: 23.09.2017**



An Alumni Interaction session was conducted on 23<sup>rd</sup> September 2017 by the Department of Electrical and Electronics Engineering and the guest was Mr.Abdul Rahman, Embedded Software Engineer, Integra Micro Systems, Bangalore who has 1 year of experience in embedded field and he shared lot of experience about college life and embedded industries. It was good input for the current students to prepare themselves for getting placed in embedded companies and other reputed core companies around Bangalore and Chennai. Mr.Abdul Rahman was 2010-2014 batch passed out student.

**Alumni Name: Mr. CR Madhan Kumar ■ Batch: 2010-2014 ■ Date of Visit: 23.09.2017**



An Alumni Interaction session was conducted on 23<sup>rd</sup> September 2017 by the Department of Electrical and Electronics Engineering and the guest was Mr. CR Madhan Kumar, Junior Software Developer CTS, Chennai who has 2.5 years of experience in software and he shared lot of experience about college life and software development and networks and gaming development. It was good input for the current students to prepare themselves for getting placed in software and other reputed companies. Mr. CR Madhan Kumar was 2010-2014 batch passed out student.



### Department of Information Technology

**Alumni Name: Mr. Vigneshwaran ■ Batch: 2008-2012 ■ Date of Visit: 07.07.2017**



Mr. Vigneshwaran (Alumni) interacted with the students about his domain Cyber Security. He also shared us some knowledge about hacking. He started his speech by saying about ransomware which is a computer virus. It hacks our computer and we need to pay money to clear that specific virus. He conveyed some important facts and real time scenarios.

He then joyfully shared his experience in our college. He explained how hacking impressed him to take up that field in his career. He started working in small industry and due to his high qualified skills, he went to a MNC. He finally concluded his speech to develop interest on network side since it is fast emerging and a good field to gain money easily.

As he continued his speech, students got motivated and started querying about security deeply. With all his knowledge and experience, he clarified all their doubts and satisfied them. He also shared his working experience in company.

**Alumni Name: Ms. S. Nikitha ■ Batch: 2011-2015 ■ Date of Visit: 07.07.2017**



Ms.S.Nikitha, an alumna and Associate Professional Engineer from the DXC Technologies, working as a database administrator of SQL and Oracle. She encouraged the students to perform better and score better and also develop additional skills like aptitude and learning other programming languages. She also wanted the students to make use of all the resources that the college provides for the betterment of the students.

She spent all her time in selflessly clearing all the doubts that the students rose in the arena and also inspired the students in building their own business with what they think they are good at. She believed she was good in communication and her spoken English Training Course is a proving example.

**Alumni Name: Ms. Rahima Firthouse ■ Batch: 2011-2015 ■ Date of Visit: 23.09.2017**



Our Alumna Rahima Firthouse, who is presently working in Capgemini willingly accepted to meet her juniors. She created a passion among students that to be made to get through every knowledge of ideas and she even made them to realize how difficult to get the job offer at off-campus. She insisted to utilize the various campus interviews. She also discussed about existing and emerging trends in technology and current trends like big data, cloud and gave some good tips for which the company hire students.



### Department of Mechanical Engineering

**Alumni Name: Mr. Tony samuel ■ Batch: 2011-2015 ■ Date of Visit: 05.08.2017**



An interactive session with Mr. Tony samuel ,who is CAD Analyst – Sathyam Ventures Pvt Ltd., and our alumnus led the session with great enthusiasm. He shared his experience of interview he attended, job opportunities that persists for the particular field. He also helped the students to frame the good resume to attract the recruiters.

**Alumni Name: Mr. Shivakumaar RG ■ Batch: 2011-2015 ■ Date of Visit: 07.07.2017**



Mr. Shivakumaar RG, our alumnus had an interaction with our students of Mechanical Engineering on 7<sup>th</sup> July 2017.

He had a PowerPoint presentation to share his experience and to share the tools and websites to be referred by his juniors, to come up in their career life. He started his presentation enthusiastically by asking his juniors “what’s next?” He poured all his experience and the trouble he faced which can be avoided by his college juniors in their future. His presentation explained SBC and PBC, different exams to take up like CAT, XAT, MAT, GMAT and its benefits and the salary they will enjoy. He listed the companies name which offers high pay to Mechanical Engineers like Siemens, Toshiba, Tata motors etc., He gave website address of almost all companies that he mentioned to get information and idea of a company. Portfolio of a company may pay way to do their interview better. He completed his presentation by giving tips to get through the selection process. Mr. Shiva Kumar R.G’s interaction was eye-opener for the upcoming Mechanical Engineers.

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**Alumni Name: Mr. N. Lokesh ■ Batch: 2011-2015 ■ Date of Visit: 22.09.2017**



An interactive session with Mr. N. Lokesh, our Alumnus who is Quality Engineer at Flextronics Pvt Ltd., led the session with great enthusiasm. He shared his experience about the interview which he had attended, job opportunities which persists for the particular field. He spoke about do’s and don’t’s in the students resume which was helpful to the students to frame good resume to attract the recruiters. He motivated the students to face the interview with confidence.



**Department of Master of Business Application**

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**Alumni Name: Mr. M. Shanmugam ■ Batch: 2013-2015 ■ Date of Visit: 08.07.2017**



An Alumni Interaction was conducted on 8<sup>th</sup> July 2017 by the Department of Management Studies. Distinguished Alumnus Mr. M. Shanmugam (Batch 2013-2015), Asst. HR Manager, Shield Healthcare Pvt Ltd

was invited to share his experience. He insisted on hard work and willing to take initiative when an opportunity comes. He also gave the students brief knowledge on the different parts of a Compensation package, like PF, Gratuity,ESI etc. He taught the students about the HR Department Process, Documents that are to be filed as a part of Recruitment Process etc., Overall, it was a very resourceful program.

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**Alumni Name: Mr. K. Rajaram ■ Batch: 2014-2016 ■ Date of Visit: 22.07.2017**



An Alumni Interaction was conducted on 22<sup>nd</sup> July 2017 by the Department of Management Studies. Distinguished Alumnus Mr.K.Rajaram (Batch 2014-2016), Business Development Officer, Berger Paints was invited to share his experience. He insisted on hard work, untiring efforts and perseverance which have lifted him to heights. He spoke about his Job Profile in Berger, his career journey from a Sales Trainee and within a span of one year as a “Business Development Manager”. Students were awe-struck by his Salary package and eagerly listened to him.



**Department of Master of Computer Applications**

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**Alumni Name: Mr. D.Anandan ■ Batch: 2010-2012 ■ Date of Visit: 07.07.2017**



An Alumni Interaction session started at 10.30 AM with a welcome address ,Our principal Dr.E.Kamalanaban addressed the students gathering, insisting the importance of Alumni-Student interaction followed by felicitating the alumnus with Memento. The Alumnus Mr.D.Anandan started his speech with how to face the Interview and what is to be expected from Employer and how to be genuine while facing challenging questions. Then he shared about his training phase and his database and server support for Spanish Telecom client “TELEPHONICA”.

**Alumni Name: Mr. Vinoth Kumar** ■ **Batch: 2009-2013** ■ **Date of Visit: 07.07.2017**



An Alumni Interaction session started at 10.30 AM with welcome address. Our principal Dr.E.Kamalanaban addressed the gathering. He insisted the importance of developing the skills to meet industry standards and followed by felicitating the alumnus with Memento. Alumnus Mr. Vinoth Kumar.M started his speech about Manual Testing, skills which are needed for a career in testing. He continued the session with Regression testing and SDLC Methodology and what role automated scripts play in testing. He shared his knowledge on “Build release”, “version control management tool” and automated testing tools such as selenium. He stressed the need to prepare for interview both as fresher as well as experienced candidate.

**Alumni Name: Ms. Chithralega.D** ■ **Batch: 2012-2014** ■ **Date of Visit: 05.08.2017**



An Alumni Interaction session started at 10.00 AM with welcome address. Our principal Dr.E.Kamalanaban addressed the gathering. He spoke regarding needs of innovation. The Alumnus Ms. Chithralega.D started her speech with her memorable college days spent and how infrastructure developments are made for students. She shared the challenges both boys and girls have to face in the interview. She started explaining her training with which she had as part of HCL Technologies in North India and insisted more on certification courses students have to get updated in latest technologies and how they play vital role in placements. She shared her perseverance on right job hunting and how networking, Regression testing go hand in hand and at last stressed the importance of learning Python programming for Automated Scripts.