



# CYNOSURE



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## VISION

To Empower the field of Mechanical Engineering to contribute to the development of industrial economy and welfare of humanity.

## MISSION

- To achieve quality education by means of state-of-the art infrastructure.
- To establish industry-institute interaction to widen the scope for research and development.
- To promote self employment through entrepreneurship and leadership qualities.
- To develop team spirit and values for social well being.

## PROGRAMME EDUCATIONAL OBJECTIVES

- PEO1:** Graduates will excel in professional career and compete globally to pursue higher education in the field of Mechanical Engineering.
- PEO2:** Graduates will demonstrate core competency in solving complex Mechanical Engineering problems.
- PEO3:** Graduates will engage in continuous professional development through constantly evolving technology for the industrial needs.
- PEO4:** Graduates will emerge as successful entrepreneurs through innovations upholding the ethical values of society.

## DEPARTMENT HIGHLIGHTS



**NAGARAJAN J. AND VINOOTH KUMAR K. RECEIVED THE BEST OUTGOING STUDENT AWARD FOR THE BATCH 2013 -2017**



**DR. BALASUBRAMANIAN M RECEIVED BEST ADMINISTRATOR AWARD(2016 -17) FROM DR.APJ ABDUL KALAM TRUST**



**MS. RENUGADEVI K., ASST. PROF., RECEIVED YOUNG WOMAN IN ENGINEERING AWARD (2016 - 2017) FROM VENUS INTERNATIONAL FOUNDATION**

## LAURELS RECEIVED BY THE DEPARTMENT

- **Dr. Balasubramanian M.**, Prof. & Head., Received **Best Administrator Award** for the year 2016 -2017 from Dr. A.P.J. Abdul Kalam trust, Chennai on 15.03.2017.
- **Dr. Balasubramanian M.**, Prof. and Head., was Invited as **Guest Speaker** on World class manufacturing in automobile industries held at Saveetha School of Engineering, Saveetha University Thandalam ,Chennai on 27.03.2017.
- **Dr. Balasubramanian M.**, Prof. and Head., **Dr. P. K. Devan.**, Prof., were invited as **Judge** for the Poster Presentation in Saveetha Transdisciplinary Annual Research Summit-Star Summit 2017 held in the Department of Automobile Engineering at Saveetha University on 05.05.2017.
- **Dr.Senthil Kumar S.**, Asso.Prof., acted as **Session Chair** for manufacturing stream in the National Conference on Advances in Mechanical Engineering held at Sri Ram Engineering College on 15.03.2017.
- **Mrs. Renugadevi K.**, Asst. Prof., received **Young Woman in Engineering Award** from Venus International foundation Chennai on 04.03.2017.
- **Mayazhan M.**, of IV Year has won the **ISTE Chapter Best Student Award** at “**16 ISTE (TN&P) Section Annual Convention for Engineering Students**” at PSNA College of Engineering and Technology, Dindugul on 04.03.2017.

## PROGRAMMES ORGANIZED BY THE DEPARTMENT

- **Sixth National Conference on Fascinating Advancements in Mechanical Engineering (FAME 2017)** was organized on 27<sup>th</sup> February 2017. Dr. K. Jayaraman, Distinguished Scientist, Director DRDI.(Retd.) Hyderabad, was the Chief Guest for the function. Chief Guest Dr. K. Jayaraman shared his vision on latest trends in technology and the need of the industry from the young budding Engineers. The Department got encouraging response to the conference and above 100 researchers showed interest in the conference and submitted their research papers. Out of which, 50 papers were selected by the technical committee for presentation. Papers have been received from various specialization like Manufacturing and Thermal Sciences, Engineering Design, Composite Materials and Nano Technology.



Chief Guest Dr. K. Jayaraman Lighting the Kuthuvilakku



Dr. K. Jayaraman Felicitates the Gathering



Department Newsletter Cynosure December 2016 released by Dignitaries

## PROGRAMMES ORGANIZED BY THE DEPARTMENT (Cont.)

- Organized a **Two Day workshop** on “**I. C. Engines**” between 27.02.2017 and 28.02.2017 students of III year Mechanical Engineering.



**Training Session about  
I. C. Engine parts**



**Hands on training to students**

- Conducted **Technical Paper Presentation** for the Students chapter of **Indian Institution of Production Engineers** on 16.03.2017.



**Paper Presentation**



**Query Session**

- Conducted a Three day faculty development on **Mechatronics as Applied to Industries** Sponsored by Indian Institution of Production Engineers from 15.05.2017 to 17.05.2017.



**Dr. P. K. Devan Felicitates the gathering**



**Mr. K. R. Vijayasathy Explains TQM  
Principles to the participants gathered**

- Organized a one day seminar on **Total Quality Management**. **Mr. K. R. Vijayasathy** Training Manager, Michelin India Pvt. Ltd., Chennai. on 23.05.17 was the Chief Guest of the function. The Chief Guest explained about Basic TQM Principles and Techniques.

**PAPER PUBLISHED BY FACULTY IN JOURNALS**

- **Balsubramanian M., “A Study on Friction Stir Welding on various Materials - A Review”** International Journal of Engineering Technology Science and Research Volume 4, Issue 5, May 2017.
- **Balsubramanian M., “Neural Network based Optimization of Abrasive Jet Process Parameters in Machining GFRP Composites”** International Journal of Engineering Technology, Management and Applied Sciences, May 2017, Volume 5, Issue 5.
- **Devan P K., “Performance and Emissions of Compression Ignition Engine Fueled Blend of Mahua Oil with Preheated Intake Air”** International Journal of Materials Engineering Innovation, Inderscience Publishers. (Under screening).
- **Devan P K and Renugadevi K., “Suitability of Twisted Natural Fiber Calotropis Gigantea in Commercial Vehicle window trim”** Submitted an article to the International Journal of Progress of Industrial Ecology entitled, Inderscience Publishers (Under Review)
- **Senthil Kumar S., “Performance Analysis of A Biodiesel Fuelled Diesel Engine with the Effect of Alumina Coated Piston”** International Journal of Thermal Science, Year 2017, Volume 21, No.1(B) pp.489 - 498.
- **Senthil Kumar S., “Enhancement of Heat Transfer by Modifying Heat Exchanger Tubes”** International Journal of Trend in Research and Development, Volume 4(2), ISSN:2394-9333, pp.287-290.
- **Senthil Kumar S., “Design and Fabrication of Epicyclic Gear Box”** International Journal of Advanced Research in Computer and Communication Engineering Vol. 6, Issue 4, April 2017 pp.488- 494.
- **Senthil Kumar S., “Development of Ceiling Fan Components using Glass Fiber Composites”** International Journal of Engineering Technology, Management and Applied Sciences. Volume 5, Issue 5, May 2017 P.g.no.211 – 216
- **Senthil Kumar S., “Design and Fabrication of Piston Operated Water Pump”** International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS) Volume 5, Issue 6, June 2017.
- **Senthil Gavaskar S., “Analysis of Tool Wear Using Machine Vision System”** International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume. 4, Issue 6, June 2017.
- **Renugadevi K., “Gearless Power Transmission Mechanism Using Six Elbow Rods”** International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume. 4, Issue 6, June 2017.
- **Vasa Ramu, “Design and Fabrication of Abrasive Jet Machine”** International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume. 4, Issue 5, May 2017.
- **Vasa Ramu, “Carbon Steel EN8 and EN19 Tool Wear Reduction by Cryogenic Treatment”** International Journal of Engineering, Technology, Science and Research (IJETSR) Volume. 4, Issue 5, May 2017.
- **Arun Kumar S., “Mechanical and Tribological Analysis of Al7075 Alloy Reinforced with Silicon Carbide, Boron Carbide and Alumina”** International Journal of Trend in Research and Development, Vol. 4, May 2017.

**PAPERS PUBLISHED BY FACULTY IN JOURNAL (Cont.)**

- **Vinoth Kumar K., “Combined Efficiency Calculation of Bismuth Telluride and Lead Telluride in Thermoelectric Module”** International Journal of Multidisciplinary Educational Research. Vol.7 (S2): pp. 46-52, 2017.
- **Aravindhan N., “Analyzing the Effect of Power Generation Using a Non Conventional Technique Using a Basic Mechanical Approach”** International Research Journal of Engineering and Technology (IRJET), Volume: 04, Issue: 05, May 2017.
- **Dillibabu V., Aravindhan N., Krishnakumar K and Bibin C., “Agglomeration in Fluidized Bed Combustion System”** International journal for scientific research & development (IJSRD), volume:05, Issue: 03, 2017.
- **Sadasivan N., “Automation of Black Board duster for Ergonomics and Chalk Dust Suppression”** International Research Journal of Engineering and Technology (IRJET), Volume: 04, Issue: 05, May 2017.

**PAPERS PUBLISHED BY FACULTY IN CONFERENCE**

- **Balasubramanian M., “Modelling and Analysis of Friction Stir Welding between Dissimilar Materials using Bobin Tool”**, National Conference on Advances in Mechanical Engineering (AME 2017), Sri Ram Engineering College, Chennai on 15.03.2017.
- **Balasubramanian M., “Experimental Investigation on Stainless Steel Mesh Fabricated Composite – A Review”** National Conference on Developments in Automobile and Mechanical Engineering, DAME-2017, Sri Ram Engineering College, Chennai on 24.03.2017.
- **Devan P.K. and Gopinath S., “Performance and Emission Characteristics of a Compression Ignition Engine using Methyl Ester derived from Distillates of Sunflower oil as a Fuel”**, National Conference on Evolution of Green and Materials Processing Technology (NCEGMPT2K17), Sri Venkateswara College of Engineering, Chennai on 02.03.2017.
- **Senthil Gavaskar S., “Analysis and Optimization of Pressure Reducing and Desuperheating System in Thermal Power Plant”** National Conference on Developments in Automobile and Mechanical Engineering, DAME-2017, Chennai, on 24.03.2017.
- **Bibin C., “A Systematic Literature Review of Catalytic Pyrolysis of Plastic Waste”** International conference on Sustainable Aspects in Engineering, Technology, Management and Science (ICSAETMS 2017) Udaya School of Engineering, Udaya Nagar, Vellamodi, Ammandivilai Post, Kanyakumari District on 23.02.2017.
- **Bibin C., “Thermal and Catalytic Degradation of Plastic Oil from Pyrolysis of Municipal Plastic Wastes”** International Conference on Advanced Materials and Manufacturing (ICAMM2017), Cape Institute of Technology, Levingipuram, Tirunelveli District on 09.03.2017 and 10.03.2017.
- **Bibin C., “Pyrolysis of Plastic wastes - A Review”** in the International conference on Innovative Trends in Engineering, Science and Technology (ICITEST 2017), Rajas Engineering College, Vadakkangulam, Tirunelveli District between 24.03.2017 and 25.03.2017.
- **Bibin C., “Research on Using Different Biodiesel Oils as Fuel for CI Engine: A Systematic Review”** National Conference on Emerging Technologies in Mechanical and Manufacturing Engineering (ETIMME 2K17), Government college of Engineering, Dharmapuri on 22.02.2017.
- **Dillibabu V., “Comparative Study of Different Types of Gasifier”** National conference on Advances in Mechanical Engineering (NCAME17), Chennai on 31.03.2017.

**PAPERS PUBLISHED BY FACULTY IN CONFERENCE (Cont.)**

- **Bibin C., “Experimental Investigation on Performance and Emission Characteristics of Pongamia and Mahua Oil”** National conference on Innovative Research on New Technologies [IRONS 2K17] organised by the Research Centre, Department of Mechanical Engineering, Jayalakshmi Institute of Technology, Dharmapuri District, on 03.04.2017.
- **Bibin C., “Performance and Emission of a Diesel Engine Fuelled with Mixture of Two Diesel Blends”** National Conference on Emerging Trends in Mechanical Engineering [NCETIME 2017] organised by Department of Mechanical Engineering, Sathyabama University, Chennai, on 06.04.2017 and 07.04.2017.
- **Renugadevi K. and Devan P. K. “Suitability of twisted natural fiber Calotropis Gigantea in Commercial Vehicle Window Trim”**, National Conference on Evolution of Green and Materials Processing Technology (NCEGMPT2k17), Sri Venkateswara College of Engineering, Chennai on 02.03.2017.
- **Krishnakumar M. “Design and Fabrication of Air to Water Converter Using Radiative Cooling”** National Conference on Advances in Mechanical Engineering, ( NCAME'17), T.J.S. Engineering College, Chennai on 31.03.2017.
- **Rajesh K, “Design and Fabrication of Compressed Air Engine”** National Conference on Advances in Mechanical Engineering (NCAME-17), MNM Jain Engineering College, Chennai on 25.03.2017.
- **Rajesh K, “Effect of Al<sub>2</sub>O<sub>3</sub> Nano Particles on Methyl Ester of Coconut Oil Distillate Biodiesel”** National Conference on Innovative Research on New Technologies (IRONS-2K17), Jayalakshmi Institute of Technology, Thoppur, Dharmapuri on 03.04.2017.
- **Rajesh K., “Effect of Addition of Nano Additives in Biodiesel”** National Conference on Emerging Trends in Mechanical Engineering (NCETME-17), Meenakshi Sundarajan Engineering College, Chennai on 16.03.2017.
- **Rajesh K., “Experimental Analysis of Jatropha Methyl Ester as an Alternative Fuel in Diesel Engine”** National Conference on Advances in Mechanical Engineering (NCAME-17), MNM Jain Engineering College, Chennai on 25.03. 2017.
- **Rajesh K., Vinoth Kumar K., and Loganathan T. G., “Compressed Air Production by Using Vehicle Suspension”** National Conference on Advances in Mechanical Engineering (RIPE-2017) R.M.K Engineering college on 13.04.2017.
- **Ashok Kumar R., “Hardness Test on Aluminium Based Composites”** National Conference on Emerging Trends in Mechanical Engineering, NCETME17, Meenakshi Sundarajan Engineering College, Chennai on 16.03 2017.
- **Ashok Kumar R., “A Review of Mechanical Properties of Stir Cast Aluminium Matrix Composites”** National Conference on Emerging Trends in Mechanical Engineering (NCETME17), Meenakshi Sundarajan Engineering College, Chennai on 16.03. 2017.
- **Arun Kumar S., “The Effect of B<sub>4</sub>C in Aluminium Based Composites”**, National Conference on Emerging Trends in Mechanical Engineering, NCETME17, Meenakshi Sundarajan Engineering College, Chennai on 16 .03. 2017.
- **Arun Kumar S., “An Investigation of Mechanical Behavior of Al7075 with Al<sub>2</sub>O<sub>3</sub>”** National Conference on Emerging Trends in Mechanical Engineering, NCETME17, Meenakshi Sundarajan Engineering College, Chennai on 16.03. 2017.
- **Gopinath S., and Devan P K., “A Review on Plastic Pyrolysis Process”** National Conference on Emerging Technologies in Mechanical & Manufacturing Engineering (ETimme2K17), Government College of Engineering, Dharmapuri on 22.02.2017.

### PAPERS PUBLISHED BY FACULTY IN CONFERENCES (Cont.)

- **Aravindhan N., “Reducing The Effect of Uncertainty In Logistics By Adaptive Control”** First National Conference on Emerging Technologies in Mechanical & Manufacturing Engineering (ETIMME2K17) at Dr. A.P.J. Abdul Kalam Auditorium, Government College of Engineering, Chettkarai, Dharmapuri on 22.02.2017.
- **Hemadri C., “Analysis of Performance, Combustion and Emission Characteristics of Blended Castor and Pongamia Biodiesel”** Third National Conference on Emerging Trends in Mechanical Engineering (NCETIME 2017), Sathyabama University, between 06.04.2017 and 07.04.2017.
- **Dillibabu V., “Reducing the Effect of Uncertainty in Logistics by Adaptive Control”** National Conference on Emerging Technologies in Mechanical & Manufacturing Engineering (ETIMME2K17), Dharmapuri on 22.02. 2017.
- **Rajesh K., “Development of Hybrid Two Wheeler with Front Wheel Hub Motor”** National Conference on Emerging Technologies in Mechanical and Manufacturing Engineering (ETIMME2K17), Government Engineering College, Dharmapuri on 22.02.2017.
- **Gopinath S., “A Review on Plastic Pyrolysis Process”** National Conference on Emerging Technologies in Mechanical & Manufacturing Engineering (ETimME2K17), Government College of Engineering, Dharmapuri on 22.02.2017.
- **Gopinath S., “Performance and Emission Characteristics of a Compression Ignition Engine using Methyl Ester derived from Distillates of Sunflower Oil as a Fuel”** , National Conference on Evolution of Green and Materials Processing Technology (NCEGMPT2K17), Sri Venkateswara College of Engineering, on 02.03.2017.
- **Gopinath S., “Experiment on Preparation of Biodiesel and Investigation of its Performance Characteristics”**, National Conference on Advances in Mechanical Engineering (NCAME 17), T.J.S Engineering College, on 31.03.2017.
- **Gopinath S., “Performance and Emission Characteristics of Single Cylinder Direct Injection Diesel Engine using Alternate Fuels”**, National Conference on Advances in Mechanical Engineering (NCAME 17), T.J.S Engineering College on 31.03.2017.

### PROGRAMMES ATTENDED BY FACULTY

- **Dr. Balasubramanian M., Prof. & Head.** attended Faculty Development Program on “**Quality Improvement in Higher Education**” at VIT Vellore from 25.02.17 to 26.02.17.
- All Faculty of Mechanical Engineering Department attended Faculty Development Program on “**Mechatronics as Applied to Industries**” at R.M.K College of Engineering and Technology from 15.05.17 to 17.05.17.
- **Dr. Devan P K., Prof., Dr. Senthil Kumar S., Mr. Senthil Gavaskar S., Asso. Prof., Mrs. Renugadevi K., Mr. Vasa Ramu., Mr. Krishnakumar Mr. Rajesh K., M., Mr. Ashok Kumar R., Mr. Hemadri C., Mr. Aravindhan N., Mr Dillibabu V., Mr. Sadasivan N. and Gopinath S., Asst. Prof.,** Participated in the Workshop on **Recent Trends in Optimization Techniques (RTOT 2017)** organised by Department of Mechanical Engineering at Velammal Engineering College, Surapet, Chennai on 21.04 2017.
- **Dr. Senthil Kumar S., Mr. Senthil Gavaskar S., Asso. Prof., Mr. Bibin C., Mrs. Renugadevi K., Mr. Vasa Ramu., Mr. Krishnakumar M., Mr. Rajesh K., Mr. Ashok Kumar R., Mr. Hemadri C., Mr. Aravindhan N., Mr Dillibabu V and Mr. Sadasivan N.** attended Faculty Development Program on “**Instructional Design and Delivery System**” at R.M.K College of Engineering and Technology conducted by National Institute of Technical Teachers Training and Research (NITTTR), Chennai, from 19.06.17 To 24.06.17.

**PROGRAMMES ATTENDED BY FACULTY (Cont.)**

- **Dr. Loganathan T.G.**, Asso. Prof., **Mr. Rajesh K.**, **Mr. Senthil Kannan A.**, Asst. Prof., attended Faculty Development Program on “**Engineering Thermodynamics**” at Jeppiaar Maamallan Engineering College on 12.06.2017.
- **Dr. Senthil Kumar S.**, and **Mr. Senthil Gavaskar S.**, Asso. Prof., attended workshop on “**Research Methodology**” at Meenakshi College of Engineering. on 21.12.2016 to 22.12.2016.
- **Dr. Senthil Kumar S.**, Asso. Prof., **Mr. Renugadevi K.**, **Mr. Dillibabu V.**, and **Mr. Gopinath S.**, Asst. Prof., attended workshop on **Advanced Researches in Thermal Science** at Velammal Engineering College, Chennai on 05.05.2017.
- **Dr. Senthil Kumar S.**, Asso. Prof., **Mr. Rajesh K.**, **Mr. Gopinath S.**, **Mr. Bibin C.**, **Mr. Ashok Kumar R.**, **Mr. Arun Kumar.**, Asst. prof., One Day Workshop on “**How to Write and Publish Effective Research Papers in SCI Journals**” organized by S.A. Engineering College on 21.10.2016.
- **Mr. Senthil Gavaskar S.**, and **Mrs. Renugadevi K.**, attended one day Workshop on **Intellectual Property Rights and Patent Drafting** organised by Innovation and Entrepreneurship centre at R.M.K Engineering College on 28.01.2017.
- **Mr. Senthil Gavaskar S.**, Asso. Prof., **Mr. Hemadri Chadalavada** and **Mr. Vasa Ramu.**, Asst. Prof., Attended Faculty Development Program on “**Digitalization and its Impact**” at Cognizant Technology Solutions India Pvt. Ltd. on 20.05.2017.
- **Mr. Bibin C.**, Asst. Prof., attended seven days Faculty Training and Development Program on “**ME 6502 Heat and Mass Transfer**” conducted by Erode Sengunthar Engineering College, Erode sponsored by Anna University, Chennai, from 24.05.2017 to 30.05.2017.
- **Mr. Hemadri C.**, **Mr. Ashok Kumar R.**, and **Mr. Saravanan M.**, Asst. Prof., attended workshop on “**Surface Form Measurements in Automobile Manufacturing**” at Anna university on 12.01.2017.
- **Mr. Hemadri C.**, Asst. Prof., attended Faculty Development Programme on “**Internet of Things**” at R.M.K College of Engineering And Technology on 09.06.17.
- **Mr. Vasa Ramu** and **Mr. Hemadri C.**, Asst. Prof., “**Digitlization and its Impact**” on 20.05.2017 at Cognizant Technology Solutions India Pvt. Ltd.
- **Mr. Rajesh K** and **Mr. Bibin C.**, Asst. Prof., participated in the **Two Days Seminar on "Advanced Engines and Emission Control Technologies"** organized by Internal Combustion Engineering Division, Department of Mechanical Engineering, College of Engineering - Guindy Campus, Anna University, Chennai on 03.03.2017 and 04.03.2017.
- **Mr. Aravindhyan N.**, **Mr. Gopinath S.** and **Mr. Sadasivan N.**, Asst. Prof., attended Faculty Development Programme “**Leadership Development**” at R.M.K Engineering College from 24.02.17 to 26.02.17.
- **Mr. Ashok Kumar R.**, and **Mr. Arunkumar S.**, Asst. Prof. participated two day workshop on “**Materials Characterization**” in Anna University, Chennai between 24.02.17 and 25.02.17.
- **Mr. Ashok Kumar R.**, and **Mr. Arunkumar S.**, Asst. Prof., attended one day seminar on “**Ceramic Coatings**” on AC Tech Anna University, Chennai on 13.03.17.
- **Mr. Ashok Kumar R.**, **Mr. Gopinath S.**, **Mr. Balajikrishna Bharathi A** and **Mr. Vinoth Kumar.**, Asst. Prof., attended Faculty Development Program on “**Heat and Mass Transfer**” at Velammal Institute Technology from 19.05.17 to 26.05.17.



### PROGRAMMES ATEENDED BY FACULTY (Cont.)

- **Mr. Krishnakumar M., and Mr. Arunkumar S.,** Asst. Prof., attended Faculty Development Programme on “**Internet of Things**” at R.M.K College of Engineering And Technology on 07.06.17.
- **Mr. Ashok Kumar R.,** Asst. Prof., one day workshop on “**Scope for R&D Projects and Proposal Preparation**” at Anna University Chennai on 12.05.17.

### GRANT RECEIVED

- **Dr. Devan P. K.,** Prof. received a grant of Rupees Twenty Thousand from Entrepreneurship Development Institute of India, Ahmadabad – DST – NIMAT to conduct a “**Three Days Entrepreneurship Awareness Camp**” on 26.04.2017 (EDII/DST-NIMAT/17-18/278).

### INDUSTRIAL VISITS

| Sl. No. | Industry Name              | Date       | Year/Sem./Section |
|---------|----------------------------|------------|-------------------|
| 1       | IndMas & NeoTech CNC       | 24.12.2016 | II/IV/A,B,C       |
| 2       | Chennai Poles              | 07.01.2017 | II/IV/A,B,C       |
| 3       | Kiran Global Chems Limited | 24.12.2016 | III/VI/A,B,C      |
| 4       | Shrivik Industries         | 18.02.2017 | III/VI/A,B,C      |

### INDUSTRIAL TRAINING BY FACULTY

- **Dr. Balasubramanian M.,** Prof. & Head, **Dr. Devan P. K.,** Prof., **Dr. Senthil Kumar S.,** Asso. Prof., **Mr. Krishnakumar M.,** Asst. Prof. underwent industrial training at **Michelin Tyres,** Thiruvallur District on 31.05.2017.
- **Dr. Balasubramanian M.,** Prof. and Head., **Dr. Devan P.K.** Prof., **Dr. Loganathan T.G.,** Asso. Prof. and **Mr. Vinothkumar K.,** Asst. Prof., visited **SHAR, Sriharikotta** on 24.05.2017.
- **Dr. Loganathan T.G., Dr. Senthil Kumar S., Mr. Senthil Gavaskar S.,** Asso. Prof., **Mr. Bibin C., Mrs. Renugadevi K., Mr. Arunkumar S., Mr. Ashokumar R., Mr. Dillibabu V., Mr. Rajesh K., Mr. Aravindhyan N., Mr. Sadasivan N., and Gopinath S.,** Asst. Prof., underwent three days industrial training at **Ayyan Industries,** Ambattur, Chennai, on Sheet Metal Cutting and Joining, Welding Techniques and Quality Inspection from 13.01.2017 to 15.01.2017.
- **Dr. Loganathan T.G.,** and **Dr. Senthil Kumar S.,** Asso. Prof., **Mr. Bibin C., Mr. Arunkumar S.,** and **Mr. Rajesh K.,** Asst. Prof., underwent four days Industrial Training at **Sri Tech Engineering,** Chennai during the period from 09.01.2017 to 12.01.2017 in CNC Machine Tools and its Controls.
- **Mr. Bibin C., Mr. Vinothkumar K.,** and **Mr. Balajikrishnabharathi A.,** underwent three days Industrial training at **Excel Enterprisers,** SIDCO Industrial Estate, Kakkalur on Trimming Machine, Drop Forging Machine, Oil furnace, Hot and Cold Shearing Machines during the period of 16.01.2017 to 18.01.2017.
- **Dr. Loganathan T.G., Mr. Senthil Gavaskar S.,** Asso. Prof., **Mr. Vasa Ramu** and **Mr. Hemadri C.,** Asst. Prof., underwent Industrial training on 09.02.2017 at **Chennai Petroleum Corporation Limited (CPCL)** on Refinery operations.
- **Mr. Vinothkumar K.,** and Asst. Prof., underwent industrial training at **IndMas and NeoTech CNC** Chennai during the period from 19.01.2017 to 22.01.2017 in the area of CNC Machine Tools and its controls.

**GUEST LECTURES ORGANIZED**

| Sl. No. | Name of the Speaker | Topic   | Date       | Year/Sem. |
|---------|---------------------|---|------------|-----------|
| 1       | Mr. R. Arularasan   | Actual and Theoretical PV diagram                             | 03.01.2017 | II/IV     |
| 2       | Mr. M.M. Shah       | Design of Spur Gear - Problems                                | 04.01.2017 | III/VI    |
| 3       | Mr. M. M. Shah      | Helical Gear - Problems                                       | 06.01.2017 | III/VI    |
| 4       | Mr. A. Gurusamy     | TBI and MPFI Electronic Systems                               | 06.01.2017 | III/VI    |
| 5       | Mr. R. Arularasan   | Performance Calculation                                       | 30.01.2017 | II/IV     |
| 6       | Mr. A. Gurusamy     | Electronic Ignition Systems                                   | 31.01.2017 | III/VI    |
| 7       | Mr. A. Gurusamy     | Emission Norms and Control Systems                            | 03.02.2017 | III/VI    |
| 8       | Mr. R. Arularasan   | Chocking of Nozzles   | 09.02.2017 | II/IV     |
| 9       | Mr. M. M. Shah      | Problems on Worm Gear   | 11.02.2017 | III/VI    |
| 10      | Mr. A. Gurusamy     | Introduction to Automobile and its Evolution                  | 15.02.2017 | III/VI    |
| 11      | Mr. M. M. Shah      | Gear box Design Progression Ratio                             | 17.02.2017 | III/VI    |
| 12      | Mr. A. Gurusamy     | Propeller Shaft, U-Joint, Sliding Joint, Gear Shift Mechanism | 18.02.2017 | III/VI    |
| 13      | Mr. V. Sudharsan    | Applications of Material Joining in Automotive Industry       | 23.02.2017 | II/IV     |
| 14      | Mr. R. Arularasan   | Impulse Turbine   | 23.02.2017 | II/IV     |
| 15      | Mr. V. Sudharsan    | Cast Irons - Types, Properties, Applications                  | 28.02.2017 | II/IV     |
| 16      | Mr. V. Sudharsan    | Creep Testing & Fatigue Testing                               | 23.03.2017 | II/IV     |



**Mr. A. Guruswamy** delivered a Lecture on Emission Norms and Control Systems for III year on 03.02.2017



Mr. M. M. Shah delivered a lecture for III year students on Gear box Design Progression Ratio on 17.02.2017.



**STUDENT ACTIVITIES****PUBLICATIONS IN JOURNAL**

- **Manivannan A**(IV year) “**Design of a Low Cost Aerospike Nozzle For Hybrid Rockets and Comparing its Efficiency with Bell Nozzle**” International Journal of Science and Innovative Engineering and Technology (IJSIET) Volume 3, May 2017.
- **Thirumavalavan N. and Venkateshwaran V.,** (IV year) “**Design and Fabrication of Abrasive Jet Machine**” International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume. 4, Issue 5, May 2017.
- **Nishok Sriram S R and Hani Deep P.,** (IV year) “**Carbon Steel EN8 and EN19 Tool Wear Reduction By Cryogenic Treatment**” International Journal of Engineering, Technology, Science and Research, Volume. 4, Issue 5, May-2017.
- **Ram Kumar R., Shankar Narayanan A and Vidyasagar P.,** (IV year) “**Analysis of Tool Wear Using Machine Vision System**” International Advanced Research Journal in Science, Engineering and Technology, Volume. 4, Issue 6, June 2017.
- **Lokesh M., Ranjith Kumar R and Revanth R.,** (IV year) “**Gearless Power Transmission Mechanism using 6 Elbow Rods**” International Advanced Research Journal in Science, Engineering and Technology, Volume. 4, Issue 6, June 2017.
- **Vinoth Kumar K., Kakollu Manoj Kumar., Kari Naga Nikhil., Kaza Sri Sai Sravan and Subha Theja K.,** (IV year) “**Combined Efficiency Calculation of Bismuth Telluride and Lead Telluride in Thermoelectric Module**” International Journal of Multidisciplinary Educational Research. 7(S2): 46-52, 2017.
- **Hariharan V., Karthik A., Nagarajan J., and Prasanth T.,** (IV year) “**Mechanical and Tribological analysis of Al7075 Alloy Reinforced with Silicon Carbide, Boron Carbide and Alumina**” International Journal of Tread in Research and Development, Vol. 4, May 2017
- **Gauthaam M G., Sri Sai Vasanth and Dilli Babu H.,** (III year) “**Automation of Black Board duster for Ergonomics and Chalk Dust Suppression**” International Research Journal of Engineering and Technology (IRJET), Volume: 04, Issue: 05, May 2017.
- **Athreya J S., Ambrish Sharma E. and Dinesh C.,** (III Year) “**Design and Fabrication of Epicyclic Gear Box**” International Journal of Advanced Research in Computer and Communication Engineering Vol. 6, Issue 4, April 2017 P.g.no.488- 494.
- **Riyaz Haja Mohideen S., Sarath Babu., Ram Kumar M and Soundar K.,** (IV year) “**Development of Ceiling Fan Components using Glass Fiber Composites**” International Journal of Engineering Technology, Management and Applied Sciences. Volume 5, Issue 5, May 2017, pp.211 – 216.
- **Chandarasekaran A G., Baranidaran K. and Harish Kumar Sharma.,** (III year) “**Analyzing the Effect of Power Generation using a Non-Conventional Technique using a Basic Mechanical Approach**” International Research Journal of Engineering and Technology, Volume: 04, Issue: 05, May 2017.
- **Jayaprathab M., Keerthi K G and Kumar M P.,** “**Design and Fabrication of Piston Operated Water Pump**” International Journal of Engineering Technology, Management and Applied Science, Volume 5, Issue 6, June 2017.
- **Krishna Perumal R., Kritish P R and Lokesh Kumar V M.,** “**Enhancement of Heat Transfer by Modifying Heat Exchanger Tubes**” International Journal of Trend in Research and Development, Volume 4(2), ISSN:2394-9333, pp. 287-290.
- **Angappan S., Bhaarithkumaran J., Ashok N S and Jagan T.,** of III Year “**Investigation of Modified Engine Operated using Compressed Air**” International Journal of Science Technology & Engineering, Volume 4, Issue 1, July 2017.

**PUBLICATIONS IN CONFERENCE**

- **Bharath A and Surya Prakash S., (II year) “Design and Fabrication of Agricultural Harvester With Tilling Mechanism”** International Conference on Automotive Systems Agricultural Equipments and Manufacturing at Kalasalingam University, Madurai on 24.03.2017.
- **Soundar K., Riyaz Haja Mohideen and Sarath babu M., (IV year) “Design and Fabrication of Ceiling Fan Using Composite Material”** National Conference on Advanced Mechanical Engineering” at Sri Ram Engineering College on 15<sup>th</sup> March 2017.
- **Sarath Kumar N., Vignesh J and Ram Kumar R.,(IV year) “Design and Fabrication of Air to Water Converter Using Radiative Cooling”** National Conference on Advance in Mechanical Engineering at T.J.S Engineering college on 31<sup>st</sup> June 2017.
- **Sanjiv S and Vinoth Kumar B.,(IV Year) “Experimental Investigation on Stainless Steel Mesh Fabricated Composite - A Review”** National Conference on Development in Automobile and Mechanical Engineering-2017 at Sri Ram Engineering College on 24<sup>th</sup> March 2017.
- **Joe Infant Inigo K., Janga Vijay Kumar Reddy and Gokul Krishnan R., (IV Year) “Performance and Emission of a Diesel Engine Fueled with Mixture”** National Conference on Emerging Trends in Mechanical Engineering by Chemical Solution at Sathyabama University Chennai on 6<sup>th</sup> and 7<sup>th</sup> April 2017.
- **Kavin K., (IV Year) “Emission Control in Diesel Engine”** National Conference on Advances in Mechanical Engineering at Sri Ram Engineering College, Chennai on 15<sup>th</sup> March 2017.
- **Mohan Rao E., Madan Mohan I and Immanuel J. (III Year) “Fabrication of Solar Panel Efficiency Improvement”** National Conference on Advances in Mechanical Engineering at Sri Ram Engineering College on 15<sup>th</sup> March 2017.
- **John Britto M., Abdul Wahaab S and Hemanth Kumar R. (III Year) “The Effect of B<sub>4</sub>C in Aluminium Based Components”** National Conference on Emerging Trends in Mechanical Engineering(NCETME17) at Meenakshi Sundararajan Engineering College on 16<sup>th</sup> March 2017.
- **Bharath Sai Kumar G.K., Balachandran S and Gopinath P, (III Year) “Effects of Addition of Nano-Additives with Biodiesel”** National Conference on Emerging Trends in Mechanical Engineering (NCETME17) at Meenakshi Sundararajan Engineering College on 16<sup>th</sup> March 2017.
- **Balakrishnan R and Diwakar M P., (III Year) “An Investigation of Mechanical behavior of AL7075 with Al<sub>2</sub>O<sub>3</sub>”**National Conference on Emerging Trends in Mechanical Engineering (NCETME17) at Meenakshi Sundararajan Engineering College on 16<sup>th</sup> March 2017.
- **Ayyappan S. K., Janardhanan J., Jayaprakash S and Karthik V., (III Year) “Analysis of Performance, Combustion and Emission Characteristics of Blended Castor and Pongamia Biodiesel”** National Conference on Emerging Trends in Mechanical Engineering at Sathyabama University, Chennai on 6<sup>th</sup> and 7<sup>th</sup> April 2017.
- **Angappan S and Muthu S., (III Year) “Compressed Air Production by Using Vehicle Suspension”** National Conference on Advances in Mechanical Engineering (RIPE-2017) at R.M.K Engineering College, Chennai on 13<sup>th</sup> April 2017.
- **Aravind Raja M., Hari Baskar M and Karthick D. (III Year) “Design and Fabrication of Kinetic Energy Recovery System”** National Conference on Advances in Mechanical Engineering at Misrimal Navajee Munoth Jain Engineering College on 25<sup>th</sup> March 2017.
- **Prakashraj J., Madhusudhan S and Surender M., (III Year) “A Review on Mechanical Properties of Stir Cast Aluminium Matrix Composites”** National Conference on Emerging Trends in Mechanical Engineering(NCETME17) at Meenakshi Sundararajan Engineering College on 16<sup>th</sup> March 2017.

### **PUBLICATIONS IN CONFERENCE (Cont.)**

- **Bhaarath Kumaran J., Angappan S and Ashok S.,** (III Year) “**Fabrication of Compressed Air Engine**” National Conference on Advances in Mechanical Engineering at Misrimal Navajee Munoth Jain Engineering College on 25<sup>th</sup> March 2017.
- **Aakash Dharshan R and Dhanush B S.,** (II year) “**Pulse Detonation Engine: The Future of Aviation Engines**” National Conference on Advances in mechanical Engineering at Sri Ram Engineering College on 15<sup>th</sup> March 2017.
- **Thanikasalam V., Syed Sultan and Suraj B.,** (II year) “**Hardness Test on Aluminium Based Composites**” National Conference on Emerging Trends in Mechanical Engineering(NCETME17) at Meenakshi Sundararajan Engineering College on 16<sup>th</sup> March 2017.
- **Arulkumar P., Dineshkumar. P., Gnanamoorthy G and Dillibabu V.,** (III year) “**Extraction and Transesterification of CNCL as Substitute of Diesel**” National Conference on Emerging Trends in Mechanical Engineering at Sathyabama University, chennai 6<sup>th</sup> and 7<sup>th</sup> April 2017.
- **Balachandran S and Bharath Sai Kumar G.K.,** (III year) “**Experimental Analysis of Jatropa Methyl Ester as an Alternative Fuel in Diesel Engine**” National conference on Advances in Mechanical Engineering at Misrimal Navajee Munoth Jain Engineering College on 25<sup>th</sup> March 2017.
















### **OTHER COLLEGE PARTICIPATION**

- **Bharath Sai Kumar G. K., Balachandran S and Gopinath P** of III year presented a Paper Presentation in National level Technical Symposium “**CARTE BLANCHE’17**” at MIT, Chennai on 15.02.2017.
- **Bharath Sai Kumar G.K., Balachandran S and Gopinath P.,** of III year attended a National Level Techno-Management Symposium “**GYANMITRA17**” at Mepco Schlenk Engineering College on 17.02.2017 and 18.02.2017.
- **Kiranchandh K., Logeshwaran K and Libi Priyadharsan N** of III year participated in paper presentation of International Techno-Management Fest “**DAKSH 17**” at SASTRA University between 24.02.2017 and 26.02.2017.
- **Ranjith G and Manimaran R** of III year Won III<sup>rd</sup> place in **Startup Weekend Chennai - CEG Edition by Google** at CEG, Anna university from 24.02.2017 to 26.02.2017.
- **Kiranchandh K** of III year participated in Auto Mobile Training Program “**Vehicle Overhauling**” at SASTRA University between 25.02.2017 and 26.02.2017.
- **Angappan S and Bhaarath Kumaran J** of III year participated in paper presentation at “**Techkranthi-2k17**” Titled “**Fabrication of Compressed Air Engine**” at Panimalar Institute Technology on 25.02.2017.
- **Hari Baskar M** of III year attended a workshop on **Entrepreneurship Development** at R.M.K College of Engineering and Technology on 15.02.2017.
- **Aakash Dharshan R., Surya Prakash S and Dhanush B S** of II year attended a Two Day Workshop on MOTORSPORTS at “**DRESTEIN’17**” at Saveetha engineering college between 17.02.2017 and 18.02.2017.
- **Ramana Ganapathy K A and Ram Kumar H** of II year attended a workshop on **Jet Workshop** at “**FLIGHT17**” at MIT, Chennai on 01.02.2017.
- **Pratesh kumar I., Parimala Rajan K., Vignesh E., Karthikeyan S. and Nirmal Kumar R** of II year attended a workshop on “**Automobile Engine Mechanics**” at IIT Madras organized by Techtron Technologies from 04.03.2017 to 5.03.2017.
- **Nirmal Ram A S** of III year attended a workshop on “**AUTOTRIX**” organized by “**PRAGYAN**” at National Institute of Technology, Tiruchirappalli on 2-5.03.2017.
- **Madhusudhan S., Surendar M and Prakashraj J** of III year participated in one day International Workshop on **Hybrid Vehicle** at MIT, Chennai on 18.03.2017.

**OTHER COLLEGE PARTICIPATION (Cont.)**

- **Manimaran B** and **Kiran kumar J** of III year attended a **National Conclave on Entrepreneurship** held at Rajalakshmi Engineering College on 22.03.2017.
- **Nirmal Ram A S** of III year attended a two day Automotive Industry Oriented Training Program on **“Advanced Automotive I.C engine Technologies”** at R.M.K College of Engineering and Technology between 27.02.2017 and 28.02.2017.

**DEPARTMENT TOPPERS**

| (2013 -2017) BATCH |       |   | (2014 -2018) BATCH    |      |  | (2015 -2019) BATCH |       |   |
|--------------------|-------|---|-----------------------|------|--|--------------------|-------|---|
| STUDENT NAME       | CGPA  | PHOTO   | STUDENT NAME          | CGPA | PHOTO  | STUDENT NAME       | CGPA  | PHOTO   |
| HARIHARAN V        | 8.594 |    | MANI VANNAN A         | 8.70 |    | MUGUNTHAN R        | 8.902 |    |
| VINOTH KUMAR K     | 8.594 |    | JOHN BRITTO M         | 8.61 |    | SYED SULTAN        | 8.765 |    |
| NAGARAJAN J        | 8.582 |   | ANGAPPAN S            | 8.59 |   | VIGNESH E          | 8.755 |   |
| BHARATH A R        | 8.533 |  | BHARATH SAI KUMAR G K | 8.58 |  | SAI PRAVEEN D      | 8.735 |  |
| VINOTH KUMAR B     | 8.533 |  | ARAVA AKHIL KUMAR     | 8.55 |  | PREM KUMAR DT      | 8.627 |  |

**IN-PLANT TRAINING ATTENDED BY STUDENTS**

| SL. NO | NAME OF THE STUDENT  | YEAR OF STUDY | NAME OF THE INDUSTRY      | DURATION                |
|--------|--|---------------|---------------------------|-------------------------|
| 1      | Manivannan A   | III           | TVS Motors Company, Hosur | 25.05.2017 - 27.05.2017 |
| 2      | Manivannan A   | III           | Ashok Leyland, Hosur      | 05.06.2017 - 10.06.2017 |
| 3      | Sunilkumar S, Sundar R. Karthick P, Thulasidharan J                                | III           | ICF                       | 05.06.2017 - 10.06.2017 |
| 4      | Raghunath B. Madhan Barathi T., Prem Kumar D T.                                    | II            | ICF                       | 20.06.2017 - 27.06.2017 |
| 5      | Vikrant K, Syed Sulthan, Thanikasalam V., Vishal Gokul A, Rahul N, Vijayashankar E | II            | ICF                       | 10.01.2017 - 17.01.2017 |

**IN-PLANT TRAINING ATTENDED BY STUDENTS (Cont.)**

| SL. NO | NAME OF THE STUDENT   | YEAR OF STUDY | NAME OF THE INDUSTRY                           | DURATION                |
|--------|---|---------------|--|-------------------------|
| 7      | Manoj Kumar V., Muruganandan T R., Prem Kiran T   | II            | Brakes India Ltd                               | 19.06.2017 - 23.06.2017 |
| 8      | Manoj kumar M., Venkatesh Naveen  | III           | Ashok Leyland, Ennore                          | 27.06.2017 - 01.07.2017 |
| 9      | Nirmal Ram A S., Thirumavalavan N., Venkateshwaran V  | III           | Ashok Leyland, Ennore                          | 25.04.2017 - 29.04.2017 |
| 10     | Rakgul R  | III           | Ashok Leyland, Ennore                          | 14.06.2017 - 18.06.2017 |
| 11     | Suraj B., Mugunthan R., Ganesh Kumar N  | II            | Lanson Toyota                                  | 25.02.2017              |
| 12     | Venkatesh V   | III           | Sundram Fasteners Limited                      | 21.01.2017 - 23.01.2017 |
| 13     | Deepak A  | II            | Everest Refrigeration                          | 17.06.2017 - 24.06.2017 |
| 14     | Boopal Raj M  | II            | USUI Susira International Pvt. Ltd.,           | 16.06.2016 - 19.06.2016 |
| 15     | Parimala Rajan K  | II            | Anugraha Valves                                | 15.11.2016 - 25.11.2016 |
| 16     | Naveen Kumar A  | II            | Arasu Hyundai                                  | 15.06.2016 - 26.06.2017 |
| 17     | Senthil Kumar V   | III           | Ford   | 12.06.2017 - 16.06.2016 |
| 18     | Vasdhev S   | II            | BHEL   | 12.06.2017 - 23.06.2017 |
| 19     | Dinesh P  | II            | Spiro Solutions Pvt.Ltd.,                      | 12.06.2017 - 16.06.2017 |
| 20     | Thulasidharan J., Sunilkumar S., Venkatesh V  | III           | Shree Thirumalaa Industries                    | 11.04.2017 - 12.04.2017 |
| 21     | Venkateshwaran V., Vignesh A  | III           | Wheels India Ltd.,                             | 09.01.2017 - 13.01.2017 |
| 22     | Sai Praveen D., Chilla Srikanth Reddy., Vishnu G., Harish Babu B                                    | II            | Amara Raja Batteries Ltd.                      | 09.01.2017 - 11.01.2017 |
| 23     | Kailasam Gokul Sai Kumar Reddy., Papisetty Manoj Kumar., Sri Sai Teja Reddy N., Mohammad Akhil      | II            | Sri Damodaram Sanjeeviah Thermal Power Station | 09.01.2017 - 11.01.2017 |
| 24     | Zubair Ahmed G  | II            | MAGNA Industries.                              | 09.01.2017 - 16.01.2017 |
| 25     | Shyam Sundar R  | II            | KONE Elevators India Pvt. Ltd.,                | 09.01.2017 - 12.01.2017 |
| 26     | Thanikasalam V, Suraj B, Shanmuganathan M, Vikrant K  | II            | Chennai Port Trust                             | 08.06.2017 - 13.06.2017 |
| 27     | Sathishkumar K, Venkatesh B, Shanmugam T, Saravana Kumar V, Suraj Kumaran C, Sridharan D, Vignesh T | III           | Chennai Petroleum Corporation Ltd.             | 05.06.2017 - 09.06.2017 |
| 28     | Muthu Rajan M   | III           | Naively Lignite Corporation                    | 05.06.2017 - 10.06.2017 |
| 29     | Deepak A, Ganesh Kumar N  | II            | Everest Chillers                               | 02.05.2017 - 08.05.2017 |
| 30     | Aravindan.B., Dinesh P  | II            | CPCL   | 19.06.2017 - 23.06.2017 |

**LIST OF PLACEMENT TRAINING PROGRAMMES CONDUCTED FOR FINAL YEAR**

| Sl. No | Name of the Organization            | Title of the Programme                                      | Venue  | Date/ Period   | Year              |
|--------|-------------------------------------|---|--------|--|-------------------|
| 1      | M/s. Zoho                           | Zoho Enrich Program   | RMDEC  | 17.12.16, 24.12.16, 31.12.16 (RMDEC)<br>07.01.17, 04.02.17- Zoho office<br>18.02.17, 25.02.17, 04.03.17<br>RMKEC | III (8 students)  |
| 2      | M/s. Inautix                        | Preparatory Training Program for Inautix recruited students | RMKEC  | 26.12.16 To 29.12.16- (Slot I)<br>21.03.17 To 24.03.17 &<br>27.03.17- (Slot II)                                  | IV(2 students)    |
| 3      | M/s. Inautix                        | Java Training Program for Inautix recruited students        | RMKEC  | 03.01.17 To 07.01.17, 18.01.17<br>To 23.01.17  | IV(2 students)    |
| 4      | M/s. FACE                           | TCS Training for PLM students                               | RMKEC  | 25.01.17 & 27.01.17  | IV(20 students)   |
| 5      | CET STAFF                           | Campus Connect Soft Skills Programme                        | RMKCET | 01.02.17 To 31.03.17   | III (26 students) |
| 6      | M/s. Inautix Big data Analytics COE | Training on Big data analytics                              | RMDEC  | 17.02.17, 18.02.17, 20.02.17 To<br>22.02.17 & 28.02.17- (Slot-I),<br>01.03.17 To 03.03.17- (slot-II)             | III (1 student)   |
| 7      | M/s. Digital Enterprise COE         | Mobility COE  | RMDEC  | 28.02.17, 01.03.17 To 03.03.17   | III (1 student)   |
| 8      | M/s. FACE                           | BEC Training  | RMKCET | 03.02.17,<br>04.02.17, 14.02.17, 15.02.17,<br>20.02.17, 21.02.17   | II                |
| 9      | Inhouse                             | Python Training for Infosys recruited students              | RMDEC  | 14.02.17 To 17.02.17- (Slot- I)<br>20.02.17 TO 24.02.17-(Slot- II)   | IV(11 students)   |
| 10     | M/s. Jade Training Resources        | Two Days workshop   | RMKCET | 16.02.17 & 17.02.17  | II                |
| 11     | M/s. SMART Training Resources       | Aptitude training   | RMKCET | 21.2.17 To 23.2.17 (Slot-1)<br>04.3.17 & 06.3.17 (slot-2)  | III               |

**LIST OF COMPANIES VISITED FOR THE BATCH (2013-2017)**

| S.NO | COMPANY NAME                            | DATE       | IT/CORE/ PRODUCT | SALARY PER ANUM |
|------|---|------------|------------------|-----------------|
| 1    | ZOHO CORPORATION INDIA PVT LTD          | 20.06.2016 | PRODUCT          | 6.60 LAKHS      |
| 2    | SOLITON TECHNOLOGIES PVT LTD            | 11.07.2016 | PRODUCT          | 5.40 LAKHS      |
| 3    | AMAZON DEVELOPMENT CENTRE INDIA PVT LTD | 13.07.2016 | PRODUCT          | 10.00 LAKHS     |
| 4    | ZOHO CORPORATION PVT LTD                | 15.07.2016 | PRODUCT          | 6.50 LAKHS      |
| 5    | INAUTIX TECHNOLOGIES INDIA PVT LTD      | 16.07.2016 | PRODUCT          | 4.50 LAKHS      |





























**LIST OF COMPANIES VISITED FOR THE BATCH (2013 - 2017)**

| S.NO | COMPANY NAME  | DATE       | IT/CORE/<br>PRODUCT | SALARY PER<br>ANUM |
|------|---|------------|---------------------|--------------------|
| 6    | E-CON SYSTEMS INDIA PVT LTD.                                | 18.07.2016 | CORE                | 4.20 LAKHS         |
| 7    | JOHNSON CONTROLS INDIA.                                     | 19.07.2016 | PRODUCT             | 4.50 LAKHS         |
| 8    | SWITZER PROCESS INSTRUMENTS PVT LTD.                        | 29.07.2016 | CORE                | 3.50 LAKHS         |
| 9    | VOONIK TECHNOLOGIES.  | 29.07.2016 | IT                  | 8.00 LAKHS         |
| 10   | HITACHI SOLUTIONS INDIA PVT LTD.                            | 02.08.2016 | IT                  | 4.02 LAKHS         |
| 11   | KAAR TEHNOLOGIES PVT LTD.                                   | 10.08.2016 | PRODUCT             | 5.00 LAKHS         |
| 12   | VERNALIS SYSTEMS PVT LTD.                                   | 17.08.2016 | IT                  | 4.00 LAKHS         |
| 13   | PRODAPT SOLUTIONS PVT LTD.                                  | 22.08.2016 | IT                  | 3.00 LAKHS         |
| 14   | KPIT TECHNOLOGIES LTD.                                      | 29.08.2016 | CORE                | 3.25 LAKHS         |
| 15   | VIRTUSAPOLARIS SOFTWARE SERVICES PVT LTD.                   | 30.08.2016 | IT                  | 3.30 LAKHS         |
| 16   | MARKET SIMPLIFIED INDIA PVT LTD.                            | 31.08.2016 | PRODUCT             | 4.00 LAKHS         |
| 17   | ZOHO CORPORATION PVT LTD (2ND TIME)                         | 01.09.2016 | PRODUCT             | 6.00 LAKHS         |
| 18   | MULTICOREWARE INDIA PVT. LTD.                               | 03.09.2016 | PRODUCT             | 5.00 LAKHS         |
| 19   | WIPRO TECHNOLOGIES LTD. (TELECOM, EM-BEDDED & PLM)          | 03.09.2016 | IT                  | 3.25 LAKHS         |
| 20   | WIPRO TECHNOLOGIES LTD.                                     | 07.09.2016 | IT                  | 3.25 LAKHS         |
| 21   | INFOSYS LTD.  | 12.09-2016 | IT                  | 3.25 LAKHS         |
| 22   | SIRIUS COMPUTER SOLUTIONS INDIA PVT LTD.                    | 14.09.2016 | PRODUCT             | 6.00 LAKHS         |
| 23   | COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT LTD.               | 15.09.2016 | IT                  | 3.25 LAKHS         |
| 24   | SOCTRONICS TECHNOLOGIES PVT LTD.                            | 17.09.2016 | CORE                | 6.00 LAKHS         |
| 25   | TECH MAHINDRA LTD.  | 21.09.2016 | IT                  | 3.25 LAKHS         |
| 26   | INAUTIX TECHNOLOGIES INDIA PVT LTD.                         | 23.09.2016 | PRODUCT             | 3.50 LAKHS         |
| 27   | CGI INFORMATION SYSTEMS AND MANAGEMENT CONSULTANTS PVT LTD. | 24.09.2016 | IT                  | 3.00 LAKHS         |
| 28   | L&T INFOTECH LTD.   | 30.09.2016 | IT                  | 3.18 LAKHS         |
| 29   | AMAZON DEVELOPMENT CENTRE INDIA PVT LTD.(2ND TIME)          | 01.10.2016 | PRODUCT             | 15.00 LAKHS        |
| 30   | IBM INDIA PVT LTD.  | 07.10.2016 | IT                  | 3.50 LAKHS         |
| 31   | BNP PARIBAS INDIA SOLUTIONS PVT LTD.                        | 18.10.2016 | IT                  | 3.30 LAKHS         |

















**LIST OF COMPANIES VISITED FOR THE BATCH (2013-2017) Contd.**

| S.NO | COMPANY NAME                                      | DATE       | IT/CORE/<br>PRODUCT | SALARY PER<br>ANUM |
|------|---|------------|---------------------|--------------------|
| 32   | MAVERIC SYSTEMS LTD.                              | 20.10.2016 | IT                  | 2.40 LAKHS         |
| 33   | MINDTREE LTD.                                     | 21.10.2016 | IT                  | 3.50 LAKHS         |
| 34   | ZAFIN LABS  | 01.11.2016 | CORE                | 4.50 LAKHS         |
| 35   | FLEXTRONICS LTD.                                  | 03.11.2016 | IT                  | 3.00 LAKHS         |
| 36   | HCL TECHNOLOGIES LTD.                             | 07.11.2016 | CORE                | 3.00 LAKHS         |
| 37   | STERIA INDIA LTD.                                 | 07.11.2016 | IT                  | 3.50 LAKHS         |
| 38   | SANMAR ENGINEERING CORPORATION                    | 08.11.2016 | CORE                | 3.67 LAKHS         |
| 39   | NTT DATA GLOBAL DELIVERY SERVICES PVT.<br>LTD.    | 21.11.2016 | IT                  | 3.00 LAKHS         |
| 40   | ERNST AND YOUNG INDIA (EY)                        | 23.11.2016 | IT                  | 3.80 LAKHS         |
| 41   | HONEYWELL LTD.                                    | 28.11.2016 | CORE                | 1.44 LAKHS         |
| 42   | SOCTRONICS TECHNOLOGIES PVT LTD.<br>(SECOND TIME) | 10.12.2016 | CORE                | 6.00 LAKHS         |
| 43   | WOZART LTD.                                       | 20.12.2016 | IT                  | 8.00 LAKHS         |
| 44   | NEWGEN SOFTWARE TECHNOLOGIES LTD.                 | 26.12.2016 | IT                  | 3.75 LAKHS         |
| 45   | PHOTON INFOTECH PVT LTD.                          | 04.01.2017 | IT                  | 4.00 LAKHS         |
| 46   | OBJECT FRONTIER SOFTWARE.                         | 05.01.2017 | IT                  | 2.75 LAKHS         |
| 47   | CSS CORP PVT LTD.                                 | 27.01.2017 | IT                  | 2.00 LAKHS         |
| 48   | MELIO SYSTEMS PVT LTD.                            | 31.01.2017 | IT                  | 2.00 LAKHS         |
| 49   | FOCUS ACADEMY FOR CAREER ENHANCEMENT              | 02.02.2017 | IT                  | 2.64 LAKHS         |
| 50   | TATA CONSULTANCY SERVICES LTD.                    | 03.02.2017 | CORE                | 3.20 LAKHS         |
| 51   | HINDUJA GLOBAL SOLUTIONS                          | 04.02.2017 | IT                  | 2.80 LAKHS         |
| 52   | DECATHLON SPORTS INDIA PVT LTD.                   | 04.02.2017 | IT                  | 2.20 LAKHS         |
| 53   | SUTHERLAND GLOBAL SERVICES PVT LTD.               | 04.02.2017 | IT                  | 2.40 LAKHS         |
| 54   | VALUED EPISTEMICS PVT LTD.                        | 06.02.2017 | IT                  | 3.00 LAKHS         |
| 55   | KPIT TECHNOLOGIES LTD (2ND TIME)                  | 07.02.2017 | CORE                | 3.25 LAKHS         |
| 56   | GSS SOFTWARE SOLUTIONS PVT LTD.                   | 09.02.2017 | IT                  | 2.50 LAKHS         |

**CAMPUS PLACEMENT FOR THE BATCH (2013-2017)Contd.**

| NAME OF THE STUDENT | SELECTED COMPANY     | PHOTO   | NAME OF THE STUDENT     | SELECTED COMPANY               | PHOTO   |   |
|---------------------|----------------------|---|-------------------------|--------------------------------|---|---|
| BHARATH A R         | WIPRO, INFOSYS, CTS. |    | ARAVIND SUBRAMANYAM V V |                                |    |   |
| VINOTH KUMAR B      | WIPRO, INFOSYS       |    | AYYAPPAN S K            |                                |    |   |
| ABILAASH M B        | WIPRO - PLM          |    | MUKESH CHOUDHARY D      | INFOSYS                        |    |   |
| VINOTH KUMAR K      |                      |    | RAGUL M                 |                                |    |   |
| DEEPAK A            |                      |    | RIYAZ HAJA MOHIDEEN     |                                |    |   |
| SIVA SANKAR R       |                      |    | SAIABIRAM G P           |                                |    |   |
| NAGARAJAN J         |                      |   | SHANKAR NARAYANAN A     |                                |   |   |
| KRITISH P R         |                      |  | ABHIVANTH M             |                                |  |   |
| KARTHICK A          |                      |  | CHAKRAVARTHI P          |                                |  |   |
| AKILESH R           |                      |  | JANARTHANA-MOORTHY S    |                                |  |   |
| DHAMODHARAN M       | TECH MAHINDRA        |  | KARTHIKEYAN R           | COGNIZANT TECHNOLOGY SOLUTIONS |  |   |
| SAKTHI MURUGESH A   |                      |  | KRISHNA PERUMAL R       |                                |  |   |
| SANJAY S            |                      |  | SASI KUMAR N            |                                |  |   |
| SURESH M            |                      |  | SARATH BABU M           |                                | HCL TECHNOLOGIES  |  |
| THIRUGNANAM E       |                      |  | HARI HARAN V            |                                | KAAR TECHNOLOGIES   |  |

**CAMPUS PLACEMENT FOR THE BATCH (2013-2017) Contd.**

| NAME OF THE STUDENT | SELECTED COMPANY             | STUDENT PHOTO   | NAME OF THE STUDENT | SELECTED COMPANY                      | STUDENT PHOTO   |
|---------------------|------------------------------|---|---------------------|---------------------------------------|---|
| JUNJU KARTHIK       | Sri Chakaravarthi Industries |    | MUTHU S             | WIPRO                                 |    |
| HARIBALAN M         | Sri Tech Engineering         |    | VARUN KUMAR P       |                                       |    |
| MAYAZHAN M          | ABREF PVT LTD                |    | MANIMURUGAN C       | IND MAS                               |    |
| SURESH M            | L & T INFO TECH              |    | DINAKARAN S         |                                       |    |
| MOHAMMED INZAMAM R  |                              |    | SANDEEP T           |                                       |    |
| LOKESH KUMAR V M    |                              |    | DHANASEKARAN R      | HI-TEK MACHINES                       |    |
| ARUN S              | INAUTIX                      |   | NIRMAL O R          | CSS CORP                              |   |
| NISHANTH S          | JUST DIAL                    |  | SARATH KUMAR N      | BOSCH ELECTRICAL DRIVES INDIA PVT LTD |  |

**SPORTS COLUMN**

Our Department received overall Championship for boys for the academic year 2016-2017 on Annual Sports Day on 13.04.2017.



**SPORTS COLUMN (Cont.)**

| STUDENT NAME    | YEAR | PLACE                    | EVENT                 | PRIZE  |
|-----------------|------|--------------------------|-----------------------|--------|
| VIVYN M J       | IV   | Zonal Level Competitions | Ball Badminton        | Winner |
|                 |      |                          | Tennis                |        |
|                 |      | Intramural Competitions  | Best Sports Men       | Winner |
| SARATH KUMAR N  | IV   | Zonal Level Competitions | Ball Badminton        | Winner |
| VINOTH KUMAR B  | IV   |                          | Ball Badminton        |        |
| SABIN RAJ R     | IV   |                          | Ball Badminton        |        |
| SUNDAR R        | III  |                          | Ball Badminton        |        |
|                 |      |                          | Ball Badminton        |        |
| VENKATESH V     | III  | Intramural Competitions  | Weightlifting- 70 kg  | Winner |
|                 |      |                          | Best Physique - 70 kg |        |
| THIRUGNANAM E   | IV   | Zonal Level Competitions | Tennis                | Winner |
|                 |      | Intramural Competitions  | Best Athlete<br>100 m |        |
| SABIN RAJ R     | IV   | Intramural Competitions  | Tennis                | Winner |
| KIRAN KUMAR J   | III  |                          | Power Lifting - 85 kg |        |
|                 |      |                          | Power Lifting         |        |
| PREM CHANDER R  | III  |                          | Best Physique         |        |
|                 |      |                          | Weight Lifting        |        |
|                 |      |                          | Best Physique         |        |
|                 |      |                          | Weight Lifting        |        |
|                 |      |                          | Power Lifting         |        |
| PROMOTH KUMAR T | II   |                          | 4X100 m Relay         |        |
|                 |      |                          | 200 m                 |        |
| RAGURAM I       | II   |                          | 4X100 m Relay         |        |
|                 |      | 800 m                    |                       |        |
| AYYAPPAN R      | II   | 4X100 m Relay            | Winner                |        |
|                 |      | Athlete                  |                       |        |
|                 |      | 1500m                    |                       |        |
|                 |      | 800m                     |                       |        |
| PARTHIBAN S     | III  | 400 m                    | Winner                |        |
|                 |      | 800 m                    |                       |        |
| NAVEEN A        | II   | 1500 m                   | Winner                |        |
| BARANIDHARAN K  | III  | Intramural Competitions  | Long Jump             | Winner |
| NIRMAL RAM A S  | III  | Power lifting            | Winner                |        |
|                 |      | Shot Put                 |                       |        |
| MANIVANNAN A    | III  | Best Physique            | Winner                |        |
|                 |      | Weight Lifting           |                       |        |
|                 |      | Power Lifting            |                       |        |
|                 |      | Shot Put                 |                       |        |
| PARTHASARATHI   | II   | Intramural Competitions  | Javelin Throw         | Winner |

**SPORTS COLUMN**

| NAME                 | YEAR | PLACE                   | EVENT            | PRIZE  |
|----------------------|------|-------------------------|------------------|--------|
| BHARDWAJ M S         | IV   | Intramural Competitions | Javelin Throw    | Winner |
| AMBRISH SHARMA       | III  |                         | Discuss Throw    | Winner |
|                      |      |                         | Hammer Throw     |        |
|                      |      |                         | Weight Lifting   |        |
|                      |      |                         | Javelin Throw    |        |
| SOUNDRAVEL P         | III  |                         | Discuss Throw    | Winner |
|                      |      |                         | Table Tennis (S) |        |
|                      |      |                         | Table Tennis (D) |        |
| ARAVA AKHIL KUMAR    | III  |                         | Hammer Throw     | Winner |
| MANI MARAN R         | III  |                         | Hammer Throw     | Winner |
| PRITHIVIRAJ          | III  | Power Lifting           | Winner           |        |
| JERIN JOSEPH P P     | III  | Best Physique           | Winner           |        |
|                      |      | Power Lifting           |                  |        |
|                      |      | Weight Lifting          |                  |        |
| LIBI PRIYADARSHAN    | III  | Best Physique           | Winner           |        |
|                      |      | Power Lifting           |                  |        |
| RISHI VARATHAN       | I    | Power Lifting           | Winner           |        |
|                      |      | Basket Ball             |                  |        |
| ANANDHA KEERTHANAN P | I    | 4X100 m Relay           | Winner           |        |
| SIVENESHWAR S        | III  | Intramural Competitions | Basketball       | Runner |
| HEMANTH KUMAR        | II   |                         | Basketball       |        |
| RANJITH G            | II   |                         | Basketball       |        |
| HARI HARAN D         | II   |                         | Basketball       |        |
| ARAVINDAN B          | II   |                         | Basketball       |        |
| SAI VASANTH D        | II   |                         | Basketball       |        |
| DINESH C             | II   |                         | Basketball       |        |
| KARTHIKEYAN S        | II   |                         | Basketball       |        |
| SURYA KUMAR B        | III  |                         | Basketball       |        |
| BHARAT D             | II   |                         | Basketball       |        |

**SPORTS COLUMN**

| NAME                  | YEAR | PLACE                   | EVENT      | PRIZE  |        |
|-----------------------|------|-------------------------|------------|--------|--------|
| ARAVA AKHIL KUMAR     | III  | Intramural Competitions | Volleyball | Winner |        |
| BHARATH SAI KUMAR     | III  |                         | Volleyball |        |        |
| MUTHU RAJAN           | II   |                         | Volleyball |        |        |
| SRI KUMAR             | I    |                         | Volleyball |        |        |
| CHANDRA SEKAR         | III  |                         | Volleyball |        |        |
| SIVANESHWARAN S       | III  |                         | Volleyball |        |        |
| ATHREYA J S           | III  |                         | Volleyball |        |        |
| RANJITH G             | III  |                         | Volleyball |        |        |
| DUSHYANTH B           | II   |                         | Volleyball |        |        |
| AMBRISH SHARMA E      | III  |                         | Volleyball |        |        |
| SURENDRA P            | II   |                         | Volleyball |        |        |
| PURUSHOTHAMAN         | II   |                         | Volleyball |        |        |
| DINESH C              | III  |                         | Cricket    |        | Winner |
| GOKUL REDDY K         | II   |                         | Cricket    |        |        |
| MUKESH CHOUDARY       | IV   | Cricket                 |            |        |        |
| VASANTH KUMAR S       | IV   | Cricket                 |            |        |        |
| KARTHICH D            | I    | Cricket                 |            |        |        |
| SIVANANDHAN S         | IV   | Cricket                 |            |        |        |
| ARUL KUMAR D          | IV   | Cricket                 |            |        |        |
| SANDEEP               | IV   | Cricket                 |            |        |        |
| BHARADWAJ M S         | IV   | Cricket                 |            |        |        |
| VENKATESH B           | III  | Cricket                 |            |        |        |
| IMMANUEL J            | III  | Cricket                 | Winner     |        |        |
| VENKATESH NAVEEN      | III  | Cricket                 |            |        |        |
| HARISH KUMAR SHARMA A | III  | Cricket                 |            |        |        |
| PREM KUMAR D T        | II   | Cricket                 |            |        |        |
| RAGHURAM I            | II   | Cricket                 |            |        |        |
| RAHUL M               | II   | Cricket                 |            |        |        |
| NARENDRAN             | II   | Badminton(Singles)      | Runner     |        |        |
| ANANDHA KEERTHANAN P  | I    | Carrom (Singles)        |            |        |        |
| AKHIL KUMAR A         | III  | Carrom (Doubles)        |            |        |        |
| DINESH C              | III  | Carrom (Doubles)        |            |        |        |
| MANI MARAN R          | III  | Chess                   |            |        |        |
| ARAVIND RAJA M        | III  | Chess                   |            |        |        |
| ATHREYA J S           | III  | Chess                   |            |        |        |
| RUBAN NARAYANAN       | III  | Chess                   |            |        |        |
| MARI SELVAN           | I    | Chess                   |            |        |        |
|                       |      | Intramural Competitions |            |        |        |

# Department Achievers



Yuvaraj G (2012 Batch) received a Cash prize award for securing 34th Rank in Anna University



Dharmarajan C (2012 Batch) received a Cash Prize Award for securing 35th Rank in Anna University



Dhenadayalan K (2012 Batch) received a Cash Prize Award for securing 40th Rank in Anna University



Sabin Raj R., received Overall Best Athlete Award for the Batch 2013



Vivyn M. J. received Overall Best Athlete Award for the Batch 2013



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