



# CYNOSURE



BI-ANNUAL NEWS LETTER

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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



**DR. M. BALASUBRAMANIAN., PROF. & HEAD RECEIVED "IASTE-EXCELLENCE IN TEACHING & RESEARCH AWARD-2017" FROM IASTE**



**DR. P. K. DEVAN, PROF. RECEIVED "BEST FACULTY AWARD" FROM SEED INDIA**



**DR. T.G. LOGANATHAN, ASSO. PROF., RECEIVED "BEST FACULTY AWARD" FROM CTS**



**DR. S. SENTHILKUMAR, ASSO. PROF., RECEIVED DR. KALAM AWARD – 2017 FROM MARINA LABS**

## LAURELS RECEIVED BY THE FACULTY

- **Dr. M. Balasubramaian., Prof. & Head** received “**IASTE-Excellence in Teaching & Research Award-2017**” by “International Association For Science And Technical Education” on 10.9.2017.
- **Dr. M. Balasubramaian., Prof. & Head** received “**Dr. A.P.J Abdul Kalam Scientific Excellence Award - 2017**” from Marina Labs, Research and Development on 21.10.2017.
- **Dr. P. K. Devan, Prof.,** received “**Best Faculty Award**” from Society for Educational and Entrepreneurship Development (SEED) at IITMADRAS on 21.09.2017
- **Dr. P. K. Devan, Prof.,** received “**Dr. A.P.J Abdul Kalam Scientific Excellence Award - 2017**” from Marina Labs, Research and Development on 21.10.2017.
- **Dr. T. G. Loganathan, Asso. Prof.,** received “**Best Faculty Award**” for the year 2016 from Cognizant Technology Solutions on 16.07.2017.
- **Dr. S. Senthilkumar, Asso. Prof,** received “**Dr. A.P.J Abdul Kalam Scientific Excellence Award - 2017**” from Marina Labs, Research and Development on 21.10.2017.
- **Dr. S. Senthilkumar, Asso. Prof.,** invited as a **Judge** to evaluate the exhibits in Science Exhibition Vigyana Pradarshini Pranth (State level) at Vidyabharati, Smt. NDJA Vivekananda Junior College, Vyasarpadi on 05.08.2017.



**Dr. Senthil Kumar S, Asso. Prof.,** invited as **Judge** for selecting Exhibits in a Science Exhibition at **Vevekananda Junior College, Vyasarpadi.**



**Mr. S. Senthil Gavaskar** invited as the **Guest of Honour** from **Kamashi Steels**

- **Mr. Senthil Gavaskar G.,** Asso Prof., Invited as **Guest of Honor** at Engineer Circle meet at Kamashi steels, Gummidipoondi.[ A Unit of Kothari Group] on 06-07-2017.
- **Mr. Bibin C.,** received **Best Paper Award** as the first author of winning article “Fabrication of an Off-road Hybrid Vehicle” in IJTRET - International Journal of Trendy Research in Engineering and Technology, Vol. 1, Issue 01, August 2017 pp. 4 – 6.
- **Dr. M. Balasubramaian., Prof., & Head.,** become an **Editorial Board Member** for the journal of **International Journal of Trendy Research in Engineering and Technology.**
- **Dr. M. Balasubramaian., Prof., & Head.,** become an **Editorial Board Member** for the journal of **Glacier Journal of Scientific Research, ISSN: 2349-8498.**
- **Dr. S. Senthilkumar, Asso.Prof.,** become an **Editorial Board member** of an **International Journal of Bio Sciences & Engineering (IJBSE)ISSN NO :2349 5200.**

## GRANTS RECEIVED

- **Dr. Balasubramanian M.,** Head & Prof., received grant of **Rs.10,000** from **Institute for Science and Technical Education (ISTE)** for the conduct of “National conference”, “FAME2K18” on 26.02.2018 .

## PROGRAMMES ORGANIZED BY THE DEPARTMENT

- The 7<sup>th</sup> national level technical symposium “**MAQUINAS 2K17**” of the Mechanical department was conducted on 31<sup>st</sup> July, 2017. The symposium was inaugurated by the Chief Guest **Shri. James Michael Amulu**, Director, SAP Labs. The inaugural function was held at the Main Block Seminar Hall. Mr. B. Sairam, Student President of CSE Student's Association gave the welcome address. Mr. M. P. Diwakar, Student President of Mechanical Student's Association introduced the Chief Guest. The Principal Dr. T. Rengaraja delivered the Presidential Address and honored the chief guest with shawl and memento. Mr. B. Sai Vinoj, Student President of ECE Student's Association delivered the speech about the Symposia. Various technical and non technical events were conducted and prizes were distributed.



**Chief Guest Shri. James Michael Amulu  
felicitated with Shawl and Memento**



**Department Newsletter released by the Dignitaries**

- The Mechanical Engineering department inaugurated Mechanical Engineering students Association on 22nd July 2017 for the academic year 2017 -2018. Mr. K. Mohan, Lead Technical Manager, AXISCADES Engineering Technologies Limited, Bangalore, Inaugurated and Delivered the inaugural address to the students and introduced the office bearers of the association.



**Dignitaries and Office Bearers of Mechanical Engineering Students Association Inauguration - 2017**

## **SYMPOSIA 2K17 EVENT PHOTOS**



**Symposium Coordinator Mr.S.Arunkumar  
with Student Volunteers**



**Paper Presentation**



**Technical Genius**



**Mr. Manufacturer**



**Survival Run**



**Water Rocketry**

## PROGRAMMES ORGANIZED BY THE DEPARTMENT (Contd.)

- The department of Mechanical Engineering inaugurated Industry Institution Interaction [3i cell] in association with AshoK Leyland. Mr. S. Senthil Gavaskar organized function. The 3i cell was inaugurated on 18-09-2017 by Mr. P. Veluchamy, Deputy General Manager, Ashok Leyland.

## PROGRAMMES ORGANIZED BY THE FACULTY

- Dr. P. K. Devan, Prof., Mr. R. Ashok Kumar, Mr. K. Rajesh and Mr. S. Gopinath, Asst. Professors,** organized national level two day workshop on “**Application of CFD in Science and Engineering**” Dr. Anil Kumar Sharma, Senior Research Scientist, IGCAR, Kalpakkam, was the chief guest of the function.

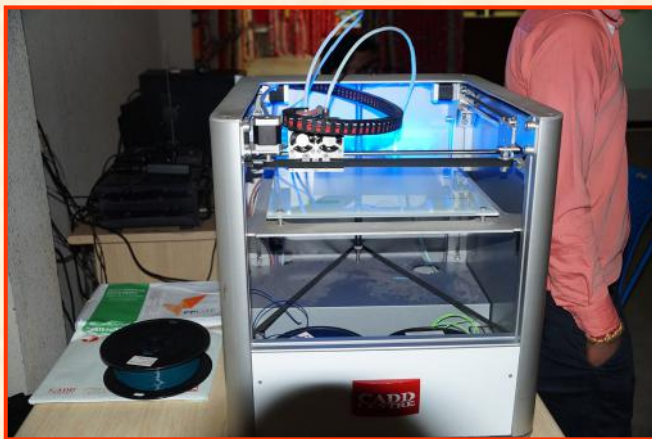


**Chief Guest Dr. Anil Kumar Sharma felicitates the gathering**



**Mr. K. R. Vijayasarathy, Training Manager conducting the workshop.**

- Dr. S. Senthilkumar, Asso. Prof. and Mr. C. Bibin, Asst. Prof.,** organized one day national level workshop on “**Tools and Techniques of Total quality Management**” for final year Mechanical Engineering students on 10.07.2017. Mr. K. R. Vijayasarathy, Training Manager, Training Michelin India Tyres Ltd., conducted the program.
- Dr. S. Senthilkumar Asso. Prof and Mr. M. Krishnakumar, Asst. Prof.,** organized IPE sponsored one day national level workshop on “**3d Printing Technology**” in association with Institute of Industrial Design for third year Mechanical Engineering students on 10.08.2017. Mr. Rajiv Gandhi, Trainer, Institute of Industrial Design, trained the students in the relevant field.



**Workshop on 3D Printing Technology**



**Dr. S. Bhagavathi Perumal, Vice Principal felicitates the Chief Guest Mr. R. Ratnagar Rao,**

- Dr. S. Senthilkumar Asso. Prof** organized ISTE sponsored one day seminar on “**Latest trends in Engineering and Technology**” on 04.12.2017. Mr. R. Ratnagar Rao, General Manager, Samsung Research & Development, was the Chief guest as well as the resource person of the seminar.

## PROGRAMMES ORGANIZED BY THE FACULTY (Cont.)

- **Dr. S. Senthilkumar** Asso. Prof and **Mrs. K. Renugadevi**, Asst. Prof., organized Mechanical Engineering Association sponsored one day workshop on “**Skill Development Programme on MS Office for Non -Teaching faculty**” on 12.12.2017.



**Non - teaching Faculty took training on MS Office Software**



**Mr. S. Senthil Gavaskar explains about TQM tools to the Executives**

- **Mr. S. Senthil Gavaskar**, Asso. Prof and **Mr. K. Maclin John Vasath**, Asst. Prof., organized One day workshop on “**Non Destructive Testing Techniques**” in association with SAE for II year students on 28.08.2017



**II year students practicing the Nondestructive Techniques on the samples**



**Other college students participating in Automotive Engine dismantling**

- **Mrs. K. Renugadevi**, Asst. Prof., Coordinated One day workshop on “**One Day Awareness Program on Industrial Training**” at Sri City Siemens Technical Skills Institute, Tada for II & III year Students on 29.12.2017,30.12.2017,4.1.2018,5.1.2018 and 5.1.2018.
- **Mr. R. Ashok Kumar**, Asst. Prof. organized one day SAE sponsored National Level workshop on “**Automotive Engine Dismantling and Assembly workshop**” in association with Goodwin Motors for other college students on 31.07.2017
- **Mr. S. Senthil Gavaskar**, Asso. Prof., conducted some of the technical events in associated with SAE and IPE Professional Bodies for II year and III Year professional Body student members. The events like Mr. Manufacturer, Top of Mind, Glider etc., conducted to improve the technical skill of the students.
- **Mr. R. Ashok Kumar**, Asst. Prof., organized one day SAE sponsored National Level workshop on “**Automotive Engine Dismantling and Assembly workshop**” in association with Goodwin Motors for third year students from 16.12.2017 to 18.12.2017.

### PAPERS PUBLISHED BY FACULTY IN JOURNALS

- Balasubramanian. M., “**Friction Stir Weave Welding (FSWW) of AA6061 Aluminium alloy with novel tool path pattern**”, Australian Journal of Mechanical Engineering, 2017.
- Balasubramanian M., “**Effect of Abrasive Jet Process Parametes on Machining Glass Fibre Reinforced Polymer Composites**”, Materials and Manufacturing Processess, Vol 48, pp.1-13.
- Senthil Gavaskar S., “**Analysis and Optimization of Pressure reduction and Desuperheating system in Thermal Power Plant**” International Journal of Engineering Technology Science and Research, Vol 4, Issue 10, October 2017, ISSN 2394-3386.
- Renugadevi K and Devan P. K. “**Suitability of twisted natural fibre Calotropis Gigantea in automobile interior components**” International Journal of Progress of Industrial Ecology (Inderscience Publishers) – accepted for publication.
- Dillibabu. V, Aravindhan. N, Krishnakumar M and Bibin C., “**Agglomeration in Fluidized Bed Combustion system**” International Journal for Scientific Research & Development, Vol 5, Issue 03, 2017, ISSN (online): 2321-0613, pp.103-107.
- Ashok K umar R., “**Design of Lift Axle Suspension System**” Internal Journal of Trendy Research in Engineering and Technology (IJTRET), Vol 1, August 2017.
- Rajesh K., “**Investigation of Modified Engine Operated using Compressed Air**” International Journal of Science Technology & Engineering, Vol 4, Issue 1, July 2017, ISSN (online) 2349-784X.

### PAPERS PUBLISHED BY FACULTY IN CONFERENCES

- Senthil Kumar S “**Robust Design of Medical Devices Using Design of Experiments**” (QM 17 073) International Conference on Advances in Industrial Engineering Applications” (ICAIEA 2018) 04.01.2018 College of Engineering, Guindy Campus, Anna University, Chennai,

### PROGRAMMES ATTENDED BY FACULTY

- Faculty members of Mechanical Engineering department attended workshop on “**Application of Computational Fluid Dynamics in Science & Engineering**” at R.M.K. College of Engineering and Technology from 01.12.2017 to 02.12.2017.
- Dr. Senthil Kumar S., Senthil Gavaskar G., Asso Prof., Bibin.C., Renugadevi.K., Krishna kumar M., Hemadri.C., Dillibabu.V., Aravindhan N., Sadasivan N., Balajikrishnabarathi A., Asst. Prof.,\_attended six day Faculty Development Programme on “**Instructional Design and Delivery System-Tool Kit for Classroom Engineering**” from 19.06.2017 to 24.06.2017 organized by National Institute of Technical Teachers Training and Research (Ministry of Human Resource Development, Government of India) at R. M. K. College of Engineering and Technology.
- Dr. Loganathan T G., Asso. Prof.\_Rajesh. K., Asst Prof., attended Training Programme on “**FDP on Engineering Thermodynamics**” at Jeppiaar Maamallan Engineering college from 12.06.2017 to 18.06.2017.
- Dr. Senthil Kumar S., Asso. Prof., Krishna kumar M., Asst Prof., attended Training Programme on on “**FDP on Internet of Things**” at R.M.K. College of Engineering and Technology” on 07.06.2017.
- Dr. Senthil Kumar S., Asso Prof., Rajesh. K., Asst Prof.,\_attended Training Programme on “**Recent Trends in Renewable Energy Source**” at SRM University on 21.07.2017.Dr. Senthil Kumar S., Asst Prof., attended Training Programme on “**Advanced Manufacturing Process Applied to Combat Vehicle Components**” at S.A. Engineering College on 23.06.2017.

### PROGRAMMES ATTENDED BY FACULTY (Contd.)

- Senthil Gavaskar G., Asso Prof., Bibin.C., Arunkumar S., Hemadri. C., Aravindhnan N., Rajesh K., Gopinath S., Asst. Prof., attended Faculty Development Programme on “**Fundamentals of Vibration - Measurement, Analysis & Control**” at St. Joseph’s College of Engineering from 30.10.2017 to 10.11.2017.
- Senthil Gavaskar G.,Asso Prof., Participated in One day Faculty Development programme on “**Material Science**” on 9th January 2018 at RMK College of Engineering and Technology.
- Senthil Gavaskar G., Asso Prof., Participated in Three days FDP on “**Advances in Gas Dynamics & Jet Propulsion**” at Tagore Engineering College from 14.12.2017 to 16.12.2017.
- Renugadevi.K.,Maclin John Vasanth K.,Vinothkumar A.,Ashokkumar R., K.,Balajikrishnabharathi Asst prof., attended one week short course on “**Materials Chemistry: Solids, Nano materials and Semiconductors**” at IIT Madras from 29th Oct 2017 – 5th Nov 2017, which is very useful to understand about infrared spectrometers and its applications.
- Vasa ramu., Maclin John Vasanth., Asst Prof., attended Training Programme on “**FDP on Kinematics of Machinery**” at Sairam Engineering College from 27.11.2017 to 04.12.2017.
- Hemadri C. Asst Prof., attended workshop on “**TQM Tools and Techniques**” organized by Shrishti consultants at Vijaya Park Hotel on 08.10.2017.
- Vinoth Kumar.R., Asst Prof., attended two days Training Programme on “**Smart Materials and Applications**” at IFET College of Engineering, Villupuram from 01.09.2017 to 02.09.2017.
- Dillibabu.V., Ashok Kumar R., and Aravindhnan N., Asst Prof., attended workshop on “**CAD,CAM, CAE**” at Hotel Westien Chennai on 04.08.2017.,
- Krishna Kumar M., Rajesh K. and Aravindhnan N., Asst. Prof., attended workshop on “**Make in India - Transforming Research To Reality**” at Anna University on 05.09.2017.

### INDUSTRIAL TRAINING ATTENDED BY FACULTY

- Dr. Balasubramanian M., Prof. & Head, Dr. P. K. Devan, Dr. Loganathan T.G., Mr. Senthil Gavaskar S., Asso. Prof., Mr. Vinoth Kumar K and Mr. Sadasivan N., Asst. Prof., underwent Industrial Training at **Ashok Leyland** on 7.11.2017
- Dr. Senthil Kumar S., Mrs. Renugadevi. K., Mr. Krishnakumar M., Mr. Ashok Kumar R., Mr. Rajesh. K., Mr. Hemadri Chadalavada. Mr. Vinoth Kumar K, Mr. Balajikrishnabharathi A., Mr. Gopinath S., Mr. Aravindhnan N., Mr. Sadasivan N and Mr. Dillibabu V., underwent Industrial Training at **Sri City Siemens Technical Skill Development Institute**, Tada from 19.12.2017 To 22.12.2017
- Mr. Senthil Gavaskar S Asso. Prof., Mr. Bibin C., and Mr. Vasa Ramu, underwent Industrial Training at **Sri City Siemens Technical Skill Development Institute**, Tada from 03.01.2018 To 06.01.2018
- Dr. Senthil Kumar S., Mr. Ashok Kumar R., Mr. Rajesh K., undergone Industrial Training At **Chennai Petroleum Corporation Limited**, Manali on 17.01.2018.
- Mr. Bibin C., Asst. Prof., undergone four days Industrial training at **Covai EDM Tools Pvt. Ltd.**, on EDM Wire cutting Machine with and without CNC Control and EDM Sparking Machine with and without CNC Control during the period of 29.09.2017 to 02.10.2017.
- Mr. Bibin C., Asst. Prof., undergone five days Industrial training at **MDM Engineering and Technologies**, Ambattur, Chennai on CNC Turret Punching Machine, NC Shearing Machine, CNC Bending Machine and TIG Welding Machine during the period of 15.10.2017 to 19.10.2017.
- Mr. Bibin C., Mrs. Renugadevi K., Asst. Prof., Underwent five days Industrial training at **Micron Industries**, Coimbatore on Capstan and Turret Lathe Machine, Conventional Lathe Machine, Vertical and Horizontal Milling Machine, and Surface Grinding Machine from 25.10.2017 to



**GUEST LECTURES ORGANIZED**

S.NO	YEAR/ SEM	NAME OF THE SPEAKER	TOPIC	DATE OF LECTURE
1.	II /III	Dr. Anil kumar Sharma, Scientist IGCAR, Kalpakkam.	CFD- Introduction	29.07.2017
2.	II /III	Dr. Anil kumar Sharma, Scientist IGCAR, Kalpakkam, Chennai.	Heat transfer –Conduction	26.08.2017
3.	III/V	Mr. M. M. Shah, Engineer, D-Cube Designs, Chennai	Design of Machine Elements	22.07.2017
4.	III/V	Mr. M. M. Shah, Engineer, D-Cube Designs, Chennai	Introduction of Design & Development	26.08.2017
5.	IV/VII	Mr. K. R. Vijayasathy, Training Manager, Michelin India Ltd.,	Lean Manufacturing	16.09.2017

**INDUSTRIAL VISITS**

Sl. No.	Industry Name	Date	Year/Sem./Section
1	Auto Tech India Ltd. Gummidipoondi	08/07/2017	II Year ( A,B&C)
2	Coca Cola, Sriperumpudhur	11,12,13/07/2017	II Year ( A,B&C)
3	NADI, Alinjivakkam	11,12/07/2017	III Year (A&B)
4	Indane gas filling station. Ennore	12/08/2017	III Year (A&B)
5	India cements ,Vallur, Ennore.	14/07/2017	IV Year (A,B&C)
6	Technocrat Automation India Ltd. Ambattur	12/08/2017	IV Year (A,B&C)

**NPTEL COURSES CERTIFICATION**

The following faculty members successfully completed the NPTEL online courses conducted by Indian Institute of Technology in the last academic year.

S. No	Course Name	Name	Certificate Level
	Total Quality Management - I	SENTHIL GAVASKAR S	Elite
2	Total Quality Management - I	HEMADRI CHADALAWADA	Elite
3	Six sigma	SENTHIL GAVASKAR S	Elite
4	Laws of thermodynamics	DILLIBABU V	Successfully completed
5	Laws of thermodynamics	BIBIN C	Successfully completed
6	Strength of materials	SANKARAMOORTHY.T	Successfully completed

## IPE AWARDS

Indian Institution of Production Engineers has constituted various awards to teaching fraternity by considering the contribution made by them for the development of student/department and institution as a whole.

- Mr.Senthil Gavaskar S., Asso. Prof., has received **“Promotion of Core Placement Award”** from Indian Institution of Production Engineers IIPE on 22.07.2017
- Mr.Senthil kannan A., Asst. Prof., received **“Excellence in Teaching and Mentoring Award”** from Indian Institution of Production Engineers IIPE on 22.07.2017
- Mr. Hemadri C., Asst. Prof., has received **“Service to Placement Award”** from Indian Institution of Production Engineers IIPE on 22.07.2017
- Mr.Vinoth kumar K., Asst. Prof., received **“Best Class Teacher Award”** from Indian Institution of Production Engineers IIPE on 22.07.2017
- Mr.Ashokkumar R., Asst. Prof., received **“Hard Work and Dedication Award”** from Indian Institution of Production Engineers (IIPE) on 22.07.2017
- Mr.Gopinath S., Asst. Prof., received **“Best Overall Performance Award”** from Indian Institution of Production Engineers IIPE on 22.07.2017.

## STUDENTS ACTIVITIES

### OTHER COLEEGE EVENT PARTICIPATION

S.NO	NAME	YEAR	COLLEGE	EVENT	PRIZE	Date
1	J PREMNATH	III B	JEPPIAAR INSTITUTE OF TECHNOLOGY	LATHE MANIA	I	09.02.2018
2	J PREMNATH	III B	VELAMMAL ENGG COLLEGE	SURPRISE EVENT	I	10.02.2018
3	J PREMNATH	III B	VELAMMAL ENGG COLLEGE	PAPER PRESENTATION	I	10.02.2018
4	A BHARATH	IV A	SRI RAM ENGINEERING COLLEGE	PAPER PRESENTATION	I	21-09-2017
5	S.KARTHIKEYAN	III A	MNM JAIN ENGG COLLEGE	PAPER PRESENTATION	I	16-09-2017
6	R MOHNISH	III A	VELAMMAL ENGG COLLEGE	PAPER PRESENTATION	I	10.02.2018
7	R MOHNISH	III A	JEPPIAAR INSTITUTE OF TECHNOLOGY	LATHE MANIA	I	09.02.2018
8	RAHUL M	III B	SRI RAM ENGINEERING COLLEGE	PAPER PRESENTATION	I	21.9.2017
9	R AAKASH DHARSHAN	III A	JEPPIAAR ENGG COLLEGE	LATHE MANIA	I	09.02.2018
10	R SUNDAR	IV C	PRATHYUSHA ENGINEERING COLLEGE	WATER ROCKETRY	I	08.09.2017
11	V.SENTHIL KUMAR	IV C	PRATHYUSHA ENGINEERING COLLEGE	WATER ROCKETRY	I	08.09.2017
12	A I VISHAL	IV C	PRATHYUSHA ENGINEERING COLLEGE	WATER ROCKETRY	I	08.09.2017
13	SUNIL KUMAR S	IV C	PRATHYUSHA ENGINEERING COLLEGE	PRO MODELLING	I	08.09.2017
14	JAGADEESH G	II A	JEPPIAAR ENGG COLLEGE	PAPER PRESENTATION	I	09.02.2018
15	SREE RAAM	II C	MIT	EXPRO18	II	17-02-2018
16	R SARAN	II C	MIT	EXPRO18	II	17-02-2018
17	J PREMNATH	III B	JEPPIAAR INSTITUTE OF TECHNOLOGY	PAPER PRESENTATION	II	09.02.2018
18	R MOHNISH	III A	JEPPIAAR INSTITUTE OF TECHNOLOGY	PAPER PRESENTATION	II	09.02.2018
19	KONDURU VENKATESH	II A	R.M.K.ENGINEERING COLLEGE	PAPER PRESENTATION	II	12.02.2018
20	R AAKASH DHARSHAN	III A	JEPPIAAR ENGG COLLEGE	PAPER PRESENTATION	II	09.02.2018
21	SUNIL KUMAR S	IV C	PRATHYUSHA ENGINEERING COLLEGE	MACHINIST	II	08.09.2017
22	JAGADEESH G	II A	R.M.K.ENGINEERING COLLEGE	PAPER PRESENTATION	II	12.02.2018
23	J PREMNATH	III B	JEPPIAAR INSTITUTE OF TECHNOLOGY	MASTER QUIZ	III	09.02.2018
24	J PREMNATH	III B	JEPPIAAR INSTITUTE OF TECHNOLOGY	CAD MANIAC	III	09.02.2018

**OTHER COLEEGE EVENT PARTICIPATION (Contd.)**

S.NO	NAME	YEAR & SEC	COLLEGE	EVENT	PRIZE	Date
25	R MOHNISH	III A	JEPPIAAR INSTITUTE OF TECHNOLOGY	MASTER QUIZ	III	09.02.2018
26	R AAKASH DHARSHAN	III A	JEPPIAAR ENGG COLLEGE	MASTER QUIZ	III	09.2.2018
27	B RAGHUNATH	III B	VELAMMAL ENGG COLLEGE	PAPER PRESENTATION	III	17.02.2018
28	VENKATESHWARAN V	IV C	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	AESTHETIC AWARD	17.02.2018
29	R THIRUNAVUKARASAN	IV C	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	AESTHETIC AWARD	17.02.2018
30	M AJITH KUMAR	IV A	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	AESTHETICS AWARD	17.02.2018
31	SURAJ KUMARAN C	IV C	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	AESTHETIC AWARD	17.02.2018
32	HARISH KUMAR SHARMA A	IV A	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	AESTHETIC AWARD	17.02.2018
33	THIRUNAVUKKARASAN R	IV C	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	AESTHETIC AWARD	17.02.2018
34	VENKATESHWARAN R	IV C	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	AESTHETIC AWARD	17.02.2018
35	SREE RAAM	II C	MIT	EXPRO18	PARTICIPATED	17-02-2018
36	R SARAN	II C	MIT	EXPRO18	PARTICIPATED	17-02-2018
37	R SURIYA KUMAAR	III B	VELAMMAL ENGG COLLEGE	DXM2K18	PARTICIPATED	17-02-2018
38	G K BHARTH SAI KUMAR	IV A	VELAMMAL ENGG COLLEGE	DIRT RIDE 2K18	PARTICIPATED	10.02.2018
39	D SAI PRAVEEN	III B	DHANALAKSHMI COLLEGE OF ENGINEERING	MR.MECHANICAL	PARTICIPATED	23.08.2017
40	A HARISH KUMAR SHARMA	IV A	VELAMMAL ENGG COLLEGE	DIRT RIDE 2K18	PARTICIPATED	10.02.2018
41	A HARISH KUMAR SHARMA	IV A	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	PARTICIPATED	17.02.2018
42	VENKATESHWARAN V	IV C	VELAMMAL ENGG COLLEGE	DIRT RIDE 2K18	PARTICIPATED	10.02.2018
43	R THIRUNAVUKARASAN	IV C	VELAMMAL ENGG COLLEGE	DIRT RIDE 2K18	PARTICIPATED	10.02.2018
44	M AJITH KUMAR	IV A	VELAMMAL ENGG COLLEGE	DIRT RIDE 2K18	PARTICIPATED	10.02.2018
45	SURAJ KUMARAN C	IV C	VELAMMAL ENGG COLLEGE	DIRT RIDE 2K18	PARTICIPATED	10.02.2018
46	SURAJ KUMARAN C	IV C	KUMARAGURU COLLEGE OF TECHNOLOGY	KCT MINI DIRT BIKE 2018	PARTICIPATED	17.02.2018
47	NARENDRAN B	III B	MIT	PAPER PRESENTATION	PARTICIPATED	16.02.2018
48	NARENDRAN B	III B	NIT	PAPER PRESENTATION	PARTICIPATED	17.02.2018
49	H DINAKARAN	III A	VELAMMAL ENGG COLLEGE	PAPER PRESENTATION	PARTICIPATED	17.02.2018
50	M DINAKARAN	III A	EASWARI ENGINEERING COLLEGE	PAPER PRESENTATION	PARTICIPATED	24.01.2018
51	J GOKUL	III A	EASWARI ENGINEERING COLLEGE	PAPER PRESENTATION	PARTICIPATED	24.01.2018
52	J GOKUL	III A	VELAMMAL ENGG COLLEGE	PAPER PRESENTATION	PARTICIPATED	17.02.2018
53	JAGADEESH G	II A	VELAMMAL ENGG COLLEGE	PAPER PRESENTATION	PARTICIPATED	10.02.2018
54	JAGADEESH G	II A	JEPPIAAR ENGG COLLEGE	MASTER QUIZ	PARTICIPATED	09.02.2018
55	BHARATH A	IV A	MANIPAL INSTITUTE OF TECHNOLOGY	PAPER PRESENTATION	PARTICIPATED	22.12.2017
56	NIGIL CHERWIN C	III B	MIT	PAPER PRESENTATION	PARTICIPATED	16.02.2018
57	D SAI PRAVEEN	III B	DHANALAKSHMI COLLEGE OF ENGINEERING	PAPER PRESENTATION	PARTICIPATED	23.08.2017
58	MANOJ KUMAR V	III A	VELAMMAL ENGG COLLEGE	POSTER PRESENTATION	PARTICIPATED	17.02.2018
59	KEITHAN B	IV B	VELAMMAL ENGG COLLEGE	POSTER PRESENTATION	PARTICIPATED	17.02.2018

## NPTEL COURSES CERTIFICATION

The following faculty members successfully completed the NPTEL online courses conducted by Indian Institute of Technology in the last academic year 2016 - 2017

S. No	Course Name	Name	Year	Score	Certification Level
1	Sustainability through Green Manufacturing Systems: An Applied Approach	KARTHIKEYAN S	III	91	Elite + gold
2	Manufacturing of Composites	SARATH.S	III	73	Elite
3	Manufacturing of Composites	B.RAGHUNATH	III	60	Elite
4	Manufacturing of Composites	VIGNESH E	III	66	Elite
5	Nature and Properties of Materials	RAGHURAM I	III	73	Elite
6	Nature and Properties of Materials	RAMACHANDRAN.K	III	82	Elite
7	Processing of Polymers and Polymer Composites	NAGARAJA A	II	82	Elite
8	Processing of Polymers and Polymer Composites	D BHARAT	III	72	Elite
9	Spur and helical gear cutting	B DHARUN	III	66	Elite
10	Total Quality Management - I	MUTHURAJAN.M	IV	69	Elite
11	Total Quality Management - I	M.N.NAVVEN RAJ	III	63	Elite
12	Manufacturing Systems Technology I & II	SURIYA V	III	74	Elite
13	Manufacturing Systems Technology I & II	JOHN BRITTO M	IV	79	Elite
14	Manufacturing of Composites	IMMANUVEL J	IV	47	Successfully completed
15	Manufacturing of Composites	SAIGANESH.K	II	55	Successfully completed
16	Manufacturing of Composites	D BHARAT	III	50	Successfully completed
17	Manufacturing of Composites	VASHDEV	III	41	Successfully completed
18	Manufacturing of Composites	R.SHYAM SUNDAR	III	48	Successfully completed
19	Nature and Properties of Materials	MAHESH A	III	55	Successfully completed
20	Refrigeration And Air-Conditioning	DEEPAK A	III	49	Successfully completed
21	Spur and helical gear cutting	E ARUN KUMAR	III	56	Successfully completed
22	Spur and helical gear cutting	J.BHAARATHKUMARAN	IV	56	Successfully completed
23	Spur and helical gear cutting	V.THANIKASALAM	III	40	Successfully completed
24	Spur and helical gear cutting	DINESH R	III	40	Successfully completed
25	Laws of thermodynamics	NIRMAL KUMAR R	III	46	Successfully completed
26	Laws of thermodynamics	M. JAYASURYA	III	40	Successfully completed
27	Laws of thermodynamics	VISHAL GOKUL A	III	53	Successfully completed
28	Combustion in air breathing aero engines	K.A.RAMANA GANAPATHY	III	42	Successfully completed
29	Strength of materials	D SAI PRAVEEN	III	53	Successfully completed
30	Strength of materials	MUTHURAJAN.M	III	50	Successfully completed
31	Strength of materials	M.N.NAVVEN RAJ	IV	51	Successfully completed
32	Strength of materials	HEMANTH KUMAR R	IV	46	Successfully completed
33	Total Quality Management - I	HEMANTH KUMAR R	IV	51	Successfully completed
34	Total Quality Management - I	MURUGAPANDI D	IV	53	Successfully completed
35	Total Quality Management - I	PRITHIVI RAJ T	IV	43	Successfully completed

### **BEST DESIGN AND FABRICATION PROJECTS (2014 BATCH)**

The below mentioned projects are considered to be the best and innovative work done by the students among the projects in 2014 batch.

<b>S.NO</b>	<b>REGISTER NUMBER</b>	<b>STUDENT NAME</b>	<b>BEST PROJECT TITLE</b>
1	111614114002 111614114003 111614114027	AJITH KUMAR M AKSHY RAMA SESHAN N P DEVARAJAN N	Venturi turbine
2	111614114006 111614114011 111614114020	ANGAPPAN S ASHOK N S BHAARATHKUMARAN J	Fabrication of compressed air engine
3	111614114063 111614114067 111614114068	D.MURUGAPANDI PARRI SURENDRA S.PARTHIBAN	Design and fabrication of Helical Coil Heat Exchanger
4	111614114104 111614114101 111614114116	R.THIRUNAVUKKARASAN C.SURAJ KUMARAN S.VIGNESH ARAVIND	Trellis Frame
5	111614114053 111614114054 111614114055	LIBI PRIYADHARSAN N LOGESWARAN K MADHI E	Smart solar sunflower
6	1116141141151 1161411405411 1614114089	T.VIGNESH A.REVANTH T.SHANMUGAM	Automatic Tyre pressure Inflation and deflation Mechanism System

### **INPLANT TRAINING ATTENDED BY THE STUDENTS**

<b>SL.NO</b>	<b>NAME OF THE STUDENT</b>	<b>YEAR of STUDY</b>	<b>NAME OF THE INDUSTRY</b>	<b>DURATION</b>
1	DINAKARAN M	III YEAR	TAFE Ltd,	16.08.2017 to 17.08.2017
2	GOKUL J	III YEAR	TAFE Ltd,	16.08.2017 to 17.08.2017
3	SURYA KUMAR B	III YEAR	TAFE Ltd,	16.08.2017 to 17.08.2017
4	GANESAN S	II YEAR	Ashok Leyland,	01.12.2017 to 04.12.2017
5	MOHNISH R	III YEAR	Daimler India Commercial Vehicles Pvt. Ltd.,	27.11.2017 to 02.12.2017
6	NARENDRAN B	III YEAR	Integral Coach Factory	27.11.2017 to 09.12.2017
7	DHILIP KUMAR K	III YEAR	TANGEDCO, NCTPS	16.11.2017 to 22.11.2017
8	SURENDAR M	III YEAR	TANGEDCO, NCTPS	16.11.2017 to 22.11.2017
9	KARTHIKEYAN S	III YEAR	NSIC technical service centre	07.12.2017 to 12.12.2017
10	KEITHAN B	III YEAR	Integral Coach Factory	07.12.2017 to 12.12.2017
11	AKASH S	II YEAR	Integral Coach Factory	04.12.2017 to 09.12.2017

**INPLANT TRAINING ATTENDED BY THE STUDENTS (Contd.)**

SL.NO	NAME OF THE STUDENT	YEAR of STUDY	NAME OF THE INDUSTRY	DURATION
12	BALAJI V	II YEAR	Integral Coach Factory	04.12.2017 to 09.12.2017
13	SURAJ B	III YEAR	TANGEDCO, NTPC Stage - 1,	07.12.2017 to 12.12.2017
14	GANESH BALAJI R	III YEAR	Ashok Leyland,	02.12.2017 to 12.12.2017
15	ANUMALA GAUTAM KRISHANA	II YEAR	MRF PVT ltd	07.12.2017 to 12.12.2017
16	JAGADEESH G	II YEAR	MRF PVT ltd	07.12.2017 to 12.12.2017
17	KARTHICK D	II YEAR	MRF PVT ltd	07.12.2017 to 12.12.2017
18	KIRAN KUMAR E V	II YEAR	MRF PVT ltd	07.12.2017 to 12.12.2017
19	KIRAN KUMAR E V	II YEAR	Amara Raja Batteries Ltd.	02.12.2017 to 12.12.2017
20	KONDURU VENKATESH	II YEAR	Amara Raja Batteries Ltd.	02.12.2017 to 12.12.2017
21	AMRUTH P B	II YEAR	Hyundai Pvt. Ltd.	29.11.2017 to 03.12.2017
22	ASHWIN M	II YEAR	Hyundai Pvt. Ltd.	29.11.2017 to 03.12.2017
23	NAGARAJA A	II YEAR	Ashok Leyland	27.11.2017 to 08.12.2017
24	HARIHARAN R	II YEAR	Ashok Leyland	27.11.2017 to 08.12.2017
25	MALEPATI VINEETH CHOUDARY	II YEAR	Pennar Industries Ltd.	27.11.2017 to 08.12.2017
26	OGGU LAKSHMI NARAYANA	II YEAR	Pennar Industries Ltd.	27.11.2017 to 08.12.2017
27	PUCHAGINJALA SHAILA SRUJAN	II YEAR	Pennar Industries Ltd.	27.11.2017 to 08.12.2017

**LIST OF PLACEMENT TRAINING PROGRAMMES CONDUCTED FOR STUDENTS**

S. No	Name of the Organization	Title of the Programme	Date/ Period	Year
1	EPS faculty	Java Training	16.06.2017 to 17.06.2017	IV (106 students)
2	M/s. Ethunus	Campus Readiness program	13.6.2017 To 14.6.2017	II
3	British Council Executives by Face	BEC Vantage Training Programme	Slot 1: 15.6.2017 To 20.6.2017 (5 days)	II
4	Mr.Raghunath Psychologist	Motivation Programme	4.7.2017 (1/2 day)	II
5	M/s. SMART Training Resources	Aptitude training	5.7.2017 To 6.7.2017	IV

## LIST OF PLACEMENT TRAINING PROGRAMMES CONDUCTED FOR STUDENTS (Contd.)


<b>S. No</b>	<b>Name of the Organization</b>	<b>Title of the Programme</b>	<b>Date/ Period</b>	<b>Year</b>
6	M/s. Ethunus	Campus Readiness programme	6.7.2017 To 7.7.2017	III
7	M/s. SMART Training Resources	Aptitude training	16.8.2017 , 17.8.2017, 19.8.2017	IV
8	M/s. Infosys	Infosys campus connect Road show	18.7.2017	III(26 students)
9	CET staff	Infosys campus connect Foundation Training programme -Phyton	21.7.2017, 22.7.2017, 10.8.2017, 11.8.2017 (3 Hours)	III (26 students)
10	M/s. Infosys	Seminar on Mobile Technologies	26.8.2017	III (26 students)
11	M/s. Infosys	Seminar on Programming concepts using C, C++, Java	16.9.2017(1/2 Day)	III (26 students)
12	Mr.Suresh Panjabi	Mission possible, Interview skills	24.7.2017 To 25.7.2017- Mech A 26.7.2017 To 27.7.2017 - Mech B	III
13	M/s. Ethunus	Campus readiness, E-Guru	22.8.2017	IV
14	M/s. Focus Academy for career Enhancement	INFOSYS specific training	5.9.2017 ,7.9.2017	IV
15	M/s. Focus Academy for career Enhancement	WIPRO specific training	11.9.2017 ,13.9.2017	IV
16	M/s. Focus Academy for career Enhancement	WIPRO Coding training	14.9.2017	IV
17	M/s. Focus Academy for career Enhancement	TCS Specific training for PLM Students	29.8.2017, 30.8.2017, 14.10.2017	IV (54 Students)
18	EPS faculty	C Programming	21.11.2017 TO 01.12.2017	III
19	British Council Executives by Face	BEC Vantage Training Programme	Slot 1: 27.12.17 To 29.12.17 Slot2 : 13.02.18 To 14.02.18	II
20	JADE Trainig Resources	Soft sills workshop	10.01.18 To 11.01.18	II
21	M/s. SMART Training Resources	Aptitude training	06.02.18 To 08.02.18	II

**LIST OF COMPANIES VISITED FOR PLACEMENT (2014 – 2018)**







S.NO	COMPANY NAME	DATE	IT/CORE/ PRODUCT	SALARY PER ANNUM
1	ZOHO CORPORATION PVT LTD	30.06.2017	PRODUCT	6.60 LAKHS
2	MAVERIC SYSTEMS LTD	20.07.2017	IT	3.80 LAKHS
3	THE ELITISTS	27.07.2017	IT	6.00 LAKHS
4	TATA CONSULTANCY SERVICES LTD	18.08.2017	IT	3.60 LAKHS
5	SAINT-GOBAIN INDIA PRIVATE LIMITED	06.09.2017	CORE	6.00 LAKHS
6	8KMILES SOFTWARE SERVICES LTD.	07.09.2017	IT	3.00 LAKHS
7	INFOSYS LTD	09.09.2017	IT	3.30 LAKHS
8	HCL TECHNOLOGIES LTD (PLM, TELECOM, EMBEDDED)	12.09.2017	Core	3.50 LAKHS
9	WIPRO LTD	15.09.2017	IT	3.30 LAKHS
10	TATA CONSULTANCY SERVICES LTD (DOMAIN)	16.10.2017	IT	3.30 LAKHS
11	THIRUMALAI CHEMICALS LIMITED	24.10.2017	CORE	3.00 LAKHS
12	KAAR TECHNOLOGIES INDIA PVT. LTD.	13.11.2017	PRODUCT	5.00 LAKHS
13	SANMINA SCI TECHNOLOGY INDIA PVT. LTD.	05.12.2017	IT	3.25 LAKHS
14	COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT LTD	13 & 14.12.2017	IT	6.66 LAKHS
15	VP PETRO6 ENGINEERS AND CONSULTANTS PVT. LTD.	20.12.2017	CORE	2.16 LAKHS
16	ARVI HITECH	21.12.2017	CORE	1.80 LAKHS
17	THE SANMAR GROUP	22.12.2017	CORE	4.00 LAKHS
18	COZYSTAY TECHNOLOGIES PVT. LTD.	06.01.2018	IT	2.40 LAKHS
19	BOOGYBEE	20.01.2018	IT	1.5 LAKHS
20	JUST DIAL LTD	24.01.2018	BPO	2.59 LAKHS
21	SCOPE E KNOWLEDGE PVT LTD	24.01.2018	IT	1.20 LAKHS
22	VKC FOOTPRINTS GLOBAL PVT. LTD.	27.01.2018	CORE	2.84 LAKHS
23	BRAKES INDIA PVT LTD	03.02.2018	CORE	4.09 LAKHS
24	FACE(FOCUS ACADEMY FOR CAREER ENHANCEMENT)	06.02.2018	IT	2.64 LAKHS
25	VIGNANA SOLUTIONS.	13.02.2018	IT	2.04 LAKHS
26	MGH LABS PRIVATE LIMITED	17.02.2018	Marketing	1.8 LAKHS
27	BONFIGLIOLI TRANSMISSIONS PVT. LTD.	19.02.2018	CORE	3.25 LAKHS
28	MAGICBRICKS	19.02.2018	IT	3.75 LAKHS







**CAMPUS PLACEMENT FROM JUNE - DEC 2017 FOR THE BATCH (2014 –2018)**

NAME OF THE STUDENT	COMPANY PLACED	PHOTO	NAME OF THE STUDENT	COMPANY PLACED	PHOTO	
RUBAN N	INFOSYS		AMBRISHSHARMA E	HCL Technologies (PLM)		
AJAYKUMAR P.G			ATHREYA S			
AKSHY RAMA SESHAN N P			BHARATH SAI KUMAR G K			
BALA KRISHNAN R			DINESH CHANDRAN			
DIWAKAR M			GAUTHAAM M.G			
HEMANTH KUMAR R			GOPI KRISHNAN P			
NAVVENRAJ.M. N			PRITHIVIRAJ T			
PRASHANTH R			KISHORE K			
RAJKUMAR V			BHAARATH KUMARAN R J		Thirumalai Chemicals Ltd	

**CAMPUS PLACEMENT FROM JUNE- DEC 2017 FOR THE BATCH (2014 –2018)**

NAME OF THE STUDENT	COMPANY PLACED	PHOTO	NAME OF THE STUDENT	COMPANY PLACED	PHOTO
SIVANANTH RULANANTHAM	INFOSYS		VIGNESH ASHOKAN	INFOSYS	
SIVANESHWARA N SELVARAJ			SRIVATHSAN SAMBATH	ZOHO	
VENKATESH RAVI KUMAR			PRAVEEN NALLAMUTHU		
MANIVANNAN A	JUST DIAL		MOHAN RAO EDAMALAPATI	VKV FOOTPRINT S GLOBAL Pvt Ltd	

**100% ATTENDANCE ACHIVERS**

ROLL NO	NAME	YEAR -SEC	PHOTO
111614114036	HARI BASKAR M	IV -A	
111614114058	MANIVANNAN A	IV-A	
111614114077	RAKGUL R	IV-B	
111614114105	THULASIDHARAN J	IV-B	






**SPORTS COLUMN**

STUDENT NAME	YEAR	EVENT	LEVEL	DATE	PLACE	STATUS
P SOUNDARAVEL	IV	TABLE TENNIS	ZONAL LEVEL COMPETITION	07/08/2017 & 08/08/2017	S A EC TIRUTTANI	II PLACE
ANANDAKEETHANAN	II					
SUBRAMANIAN K	IV	BEST PHYSIC	INTER ZONAL COMPETITION	25/09/2017 & 26/09/2017	MOUNT ZIONCET/PUD UKOTTAI	III PLACE
PREM CHANDER R	IV					
PREETHI T	II	TAEK-WON-DO	ZONAL COMPETITION	06/10/2017 & 07/10/2017	GRT EC TIRUTTANI	II PLACE
			INTER ZONAL COMPETITION	20/09/2017 & 21/09/2017	MAILAM EC VILLUPURAM	III PLACE
			DIVISION LEVEL COMPETITION	02/07/2017	VELLORE DISTRICT	I PLACE
				13/08/2017 TO 15/08/2017	KANCHEEPURAM DISTRICT	III PLACE
				13/08/2017 TO 15/08/2017	KANCHEEPURAM DISTRICT	III PLACE



**Ms. Preethi T., received the certificate and gold medal from our Principal T. Rengaraja for securing I place in Teakwondo Championship in divisional level Competition.**

# DEPARTMENT TOPPERS

(2014 -2018) BATCH			(2015-2019) BATCH			(2016 -2020) BATCH		
STUDENT NAME	CGPA	PHOTO	STUDENT NAME	CGPA	PHOTO	STUDENT NAME	CGPA	PHOTO
ANGAPPAN S	8.61		MUGUNTHAN R	8.94		PRABANJAN S	8.779	
MANIVANNAN A	8.60		SYED SULTHAN	8.88		JAGADEESH G	8.766	
JOHN BRITTO M	8.58		RAGHUNATH B	8.87		SRIHARI A	8.714	
BHARATH SAI KUMAR GK	8.56		VIGNESH E	8.78		SHARVESH RAM A S	8.649	
SUNIL KUMAR S	8.51		SAI PRAVEEN D	8.76		VIGNESH KUMAR R	8.623	

## EDITORIAL BOARD

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