

### Industrial visit

1. Students of S7 ME A (47 students) completed their industrial visit during 05/10/19 to 08/10/19. During the trip students got a real time experience in different stages of pipe manufacturing from Rainbow Pipes, Udupi.
2. Students of S7 ME B (55 students) completed their industrial visit during 05/10/19 to 08/10/19. During the trip students got a real time experience in different stages of pipe manufacturing from Rainbow Pipes, Udupi.
3. Students of S5 ME B (53 students) completed their industrial visit during 27/07/19 to 29/07/19. During the trip students got a real time experience in different stages of Bus Body building and had an interaction session with the experts in S. M. Kannappa Automobiles (P) Ltd, Bangalore on 27/07/19. Second industrial visit gave an insight about different stages of coffee curing and grading procedure and associated machineries from Trust Trading Company, Kodagu on 29/07/19.

Name of Company	Post	Name of Student
Cognizant	Programmer Analyst	Mr. Albin Mathew Ms. Keerthi K. G. Mr. K S Shyamnath Mr. Sareth K. B. Mr. Vishnu Rahul M.
Speridian Technologies	Associate Engineer	Mr. Edwin Sabu Mr. Sajith Kumar Santhosh
Tata Consultancy Services (TCS)	Assistant System Engineer	Mr. Harith H. Mr. Arjun K. Suresh Mr. Sareth K. B. Mr. Sreehari T. R.
IBS	Software Engineer	Mr. Akhilesh P.
CSS Corp	Engineer - Trainee	Mr. Abhishek Sunilkumar Mr. Rashid Mohammed



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**Jyothi Engineering College**  
NAAC Accredited College with NBA Accredited Programmes\*  
 Approved by AICTE & affiliated to APJ Abdul Kalam Technological University  
 A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR  
 JYOTHI HILLS, VETIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91-4884-259000, 274423 FAX : 04884-274777  
 NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

**DEPARTMENT OF MECHANICAL ENGINEERING**  
**NEWS LETTER**

### Vision

To provide quality education of international standards in Mechanical Engineering and promote professionalism with ethical values, to work in a team and to face global challenges.

### Mission

- To provide an education that builds a solid foundation in Mechanical Engineering.
- To prepare graduates for employment, higher education and enable a lifelong growth in their profession.
- To develop good communication, leadership and entrepreneurship skills to enable good knowledge transfer.
- To inculcate world class research program in Mechanical Engineering.

### H.O.D's Desk



In today's fast-changing world with ever-growing challenges of limited resources and rapid climate changes, a new generation of Mechanical Engineers, nurtured with necessary skills and innovative spirit is needed.

Our primary focus should be to attain technical know-how of latest developments and activities that promote our problem solving skills. This will, eventually, result in innovation of new technologies.

## Department achievements

Association of Mechanical Engineering Students (AMES) and Society of Automotive Engineers India (SAE) jointly organized a talk on “Fuel Cell-the Future” the session was handled by Dr. K. K. Ramachandran, Associate professor, GEC Thrissur on 04-10-2019.



Association of Mechanical Engineering Students (AMES) and Society of Automotive Engineers India (SAE) jointly organized one day workshop on “IC Engine”. Mr. Shiyon Roy K. (automotive trainer) conducted the workshop. 02-11-2019 .

Mechanical Engineering Department organized a KTU Sponsored Faculty Development program on “Renewable Energy Sources: Conversion, Storage & Application” during 6-10 January 2020.



## Staff Achievements

1. Mr. Arun Raj A. and Mr. Sukesh O.P, published a paper titled ‘Experiment on Carbon dioxide removal from flue gas’ in Materials Today Proceedings.
2. Mr. Deepanraj B. , Mr. Sukesh O.P. and Mr. Nice Menachery, published a paper titled ‘An optimization of drilling process parameters in machining epoxy based carbon fibre composites’ International Journal of Mechanical and Production Engineering Research and Development.

3. Ms. Nisha Sherief published a paper titled ‘An Optimisation Of Surface Area And Heat Transfer Study Of Rectangular Porous Structure’ International Journal of Mechanical and Production Engineering Research and Development.
4. Mr. C. A. Lawrance published a paper titled ‘An Optimization Of Micro-Drilling Parameters In Carbon Fiber Reinforced Polymer Using Grey Relation Analysis’ International Journal of Mechanical and Production Engineering Research and Development.
5. Mr. Deepanraj B. published a paper titled ‘Production, optimization and engine characteristics of beef tallow biodiesel rendered from leather fleshing and slaughter house wastes’ Biomass Conversion and Biorefinery.

## Student Achievements

1. Mr. Jithin K. P., Mr. Mohammed Saleeq S., Mr. Salvin Johnson, Mr. Pretish, Mr. Sreerag Vinodh, students of S5 ME-B participated in the India Innovation Challenge Design Contest 2019. With a project named “REPAIR911”.
2. Mr. Albin Mathew, Mr. Ajilas V. R., Mr. Ajay Wilson, Mr. Flewin Johnson, Mr. Harith H. (Students of S7 ME-A) won 2nd prize in paper presentation held at Nehru Engineering College, on 20th November 2019.
3. Mr. Christo Kollannur, Mr. Christo Varghese, Mr. Don Thomas, Mr. Adarshgovind K. M. (Students of S7 ME-A) got selected to Young Entrepreneurs Program state level evaluation Organised by Kerala- Development Innovation Strategic Council (K-DISC) at Govt. Medical college Kannur on 31st December 2019. The district level competition was on 28th October 2019 and state level was on 23rd December 2019. Selected project titled “ Medical Device / UV sterilization robot” was guided by Mr. Nice Menachery, Assistant professor, ME, JECC and Co-Guide- Dr. Kuriyan Allapat, Assistant professor, Orthopaedic, Jubilee Mission Medical college.
4. Mr. Joshwin Emmanuel Johnson, Mr. Joyal Varghese Jacob, Mr. Sanal Thomas, Mr. S. Harish, Mr. Sri Harsharaj M.V., Mr. Jose Joseph, Mr. Nihal Paul guided by Dr. Deepanraj B. & Mr. Christy V. Vazhapilly, got selected for the Semifinal phase of the 2019 edition of India’s premier innovation and design contest, the India Innovation Challenge Design Contest (IICDC), organized by DST & Texas Instruments (TI) Inc. powered by AICTE mission, anchored by NSRCEL@IIMB and supported by MyGov.