

Department of Mechanical
Engineering

NEWSLETTER

2018-19

VOLUME - 2

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Programme Educational Objectives (PEOs)

The graduates will:

PEO1. Technical Expertise: Actively apply technical and professional skills in engineering practices towards the progress of the organization or the entrepreneurial venture in competitive and dynamic environment.

PEO2. Lifelong Learning: Own their professional and personal development by continuous learning and apply the learning at work to create new knowledge.

PEO3. Ethical Knowledge: Conduct themselves in a responsible, professional and ethical manner supporting sustainable economic development which enhances the quality of life.

Programme Outcomes (POs)

PO1. Apply knowledge of basic sciences and engineering concepts to solve complex mechanical engineering problems.

PO2. Identify, formulate, and analyze engineering problems using scientific principles and concepts.

PO3. Design products, manufacturing processes and facilities that deliver the requirements of the target customers and desired quality functions.

PO4. Conduct experiments, analyze and interpret data to provide solutions for engineering problems.

PO5. Use appropriate tools and techniques to solve engineering problems.

PO6. Apply contextual knowledge to make informed decisions in societal, health, safety, legal, entrepreneurial and cultural issues.

PO7. Demonstrate the knowledge of need for sustainable development in providing engineering solutions in global, environmental and societal contexts.

PO8. Practice Ethical responsibility.

PO9. Work effectively in teams and build/manage interpersonal relationships.

PO10. Communicate effectively through oral, non-verbal and written means.

PO11. Apply management principles to manage individual and team work for executing projects in a multidisciplinary environment.

PO12. Articulate and engage in pursuit of career and life goals through continuous Learning.

Program Specific Outcomes PSOs

PSO 1: Demonstrate functional competencies for roles in design, manufacturing and service by learning through centers of excellence and industrial exposure.

PSO 2: Demonstrate behavioral competencies required for roles in design, manufacturing and service by learning through structured professional skills training.

December – 2018

STAFF DEVELOPMENT PROGRAMMES

- Mr.C.Selva Senthil Prabhu (AP) organised Internship Training Module I and II for students at MCET Janatics Centre of Excellence for Mechatronics and Automation on 03.12.2018 to 07.12.2018
- Mr.C.Selva Senthil Prabhu (AP),Mr.S.Gnanakumar (AP), Mr.M.Gideon Ganesh (AP), Mr.M.Sabreesh Kumar (AP) and K.Mayaladisami (Lab Assistant) from Mechanical department attended “Train the Trainer Programme on Mobile Hydraulics” at MCET - Bosch Rexroth Centre on 20.12.2018 and 21.12.2018.

STUDENT ACTIVITIES

- Two mechanical students attended In-Plant Training in MM Gear (P) Ltd., Coimbatore from 10.12.2018 to 14.12.2018
- Twelve mechanical students attended In-Plant Training in Roots Group of companies, Coimbatore from 10.12.2018 to 14.12.2018
- Thirteen mechanical students attended In-Plant Training in Caresoft Global Services Pvt. Ltd., Pollachi from 10.12.2018 to 14.12.2018

January – 2019

STAFF DEVELOPMENT PROGRAMMES

- Dr.I.Rajendran, Professor & Head, Dr. Calvin S King, Professor and Mr. A. Srinivasan , Assistant Professor (SG) attended Leadership Development program at Coco Lagoon Resort, Pollachi from 07.01.2019 to 09.01.2019
- Mr.M.Saravana Kumar, Centre Manager, CAD/CAM/CAE arranged a Guest Lecture on “Career Guidance and Computational Fluid Dynamics” by Mr.Rugupathi Soundararajan, Global CFD Leader, Xylem Water Solutions India Private Ltd., Bangalore on 28.01.2019.

STUDENT ACTIVITIES

- Seven Students from Mechanical department participated in National level Go kart event-Formula9 and won first place in Business Plan Presentation (BPP) event organised by Sumathi Motor Sports organized the program at SNS College of engineering, Coimbatore on 24.01.2019 to 26.01.2019.
- G.K.Kathirkaman (17BME116) from II Mech attended Training Seminar organised by Indian Gas Engineering Training Academy, Pune on 09.01.2019.
- V.Surya (17BME092) from II Mech attended Training on Automotive Sketching, Rendering, Digital Sculpting, Prototyping organised by JSS Academy of Technical Education, Bangalore from 15.01.2019 to 22.01.2019.
- Three students from III Mech attended Mechnotron - Technical Workshop organised by Coimbatore Institute of Technology, Coimbatore on 04.01.2019.
- Two mechanical students attended In-Plant Training in Brakes India Ltd., Chennai from 01.12.2018 to 31.01.2019.
- Two mechanical students attended In-Plant Training in Indian Machine Tool Manufacturers Association (IMTA), Bangalore from 07.01.2019 to 04.02.2019

February – 2019

STAFF DEVELOPMENT PROGRAMMES

- Mr.N.Santhosh, Assistant Professor attended one day Internship program at QuEST Global India Limited, Chennai on 11.02.2019.
- Mr.A.Srinivasan,Assistant Professor (SG)attendedThe future of Higher education leadership conclave at Kumaraguru College of Technology, Coimbatore from 13.02.2019 & 14.02.2019.
- Mr.M.Arun,Assistant ProfessorattendedNational Seminar on “Advances in Materials Research for Armaments Application: (AMRAA) at MCET on 15.02.2019 & 16.02.2019.

STUDENT ACTIVITIES

- Sixty five students of II year Mechanical Engineering have attended Industrial Visit at Sakthi Auto-Components Ltd., Tiruppur on 09.02.2019
- Sixty five students of III year Mechanical Engineering have attended Industrial Visit at Janatics India Pvt.Ltd., Coimbatore on 20.02.2019.

March– 2019

STAFF DEVELOPMENT PROGRAMMES

- Mr.C.Selva Senthil Prabu,Assistant Professor, Mr.S.Gnanakumar,Assistant Professor and Mr.M.Gideon Ganesh,Assistant Professor attended “Train the Trainer Program on IoT PLC” given by Mr. Milind Tavre, Assistant Manager, Bosch Rexroth India, Bangalore on 26.03.2019 & 27.03.2019.
- Valediction of Mechanical Association and guest lecture on “Design and Operational Excellence” by Mr.K.V.Ramanan General Manager, Western Thomson Group, Chennai on 22.03.2019.

STUDENT ACTIVITIES

- Third year mechanical “A” students went to Bimetal Bearings, Coimbatore for an industrial visit.
- Shilpi Tiwari and Vishwarjun S of Third year mechanical participated in Bharath Formula Karting Championship organized by CaddTechnologies, Coimbatore from 28.02.2019 to 02.03.2019.
- Arunkumar K S, Rajanandhini S and Saravana Kumar K of Third year mechanical participated in BAJA SAE India organized by SAE India from 07.03.2019 to 10.03.2019
- Surya Vand Kavin Nathan of second year mechanical participated in Automobile and IC Engine Design Workshop organized by NIT Puducherry from 28.02.2019 to 01.03.2019.
- Saran Kumar V of second year mechanical participated in Mr. Mechanist Event organized by Sri Shakthi Institute of Engineering & Technology, Coimbatore from 28.02.2019 to 02.03.2019.
- Yogeshwar T.S ,Sathya Narayanan M, Abishek. N and Kathirkaman G. K of second year mechanical attended Workshop on CNC Machining organized by Madras Institute of Technology, Chennai on 08.03.2019 & 09.03.2019.
- Yogeshwar T.S ,Sathya Narayanan M, Abishek. N and Kathirkaman G. K of second year mechanical attended Workshop on ABAQUS organized by Madras Institute of Technology, Chennai on 08.03.2019 & 09.03.2019.
- Fifty one students of I year Mechanical Engineering have attended Industrial Visit at Sakthi Auto Components Ltd. Tiruppur on 09.03.2019.
- Forty nine students of I year Mechanical Engineering have attended Industrial Visit at Sakthi Auto Components Ltd. Tiruppur on 27.03.2019.
- One hundred and seven Final Year Mechanical Students have attended In-plant Training at various industries during 18.11.2018 to 30.03.2019.

April – 2019

STAFF DEVELOPMENT PROGRAMMES

- Dr. Calvin Sophist King, Professor participation in World EduLead'19 at Singapore 15.04.2019 to 18.04.2019.

STUDENT ACTIVITIES

- Sixty eight students of II year Mechanical Engineering have attended Industrial Visit at Gem Equipment's Ltd., Coimbatore on 08.04.2019.
- Seventy one students of III year Mechanical Engineering have attended Industrial Visit at Sakthi Sugars Ltd., Appakudal on 09.04.2019.

May– 2019

STAFF DEVELOPMENT PROGRAMMES

- Mr. A. Uma Shankar, Assistant Professor attended Four week Faculty Induction Program organized by Coimbatore Institute of Technology, Coimbatore from 13.05.2019 to 09.06.2019.
- Dr. I. Rajendran, Professor & Head and Dr. R. Gnanaguru, Associate Professor attended Project review Meeting organized by Entrepreneurship Development Institute of India, Chennai on 27.05.2019.
- Dr. S. Madhusudhanan, Assistant Professor (SS) attended Faculty Development program on “Lean Manufacturing, 5S & Kaizen and 7QC Tools” organized by Roots Industries Ltd., Coimbatore 27.05.2019 to 29.05.2019.

STUDENT ACTIVITIES

- Ragul. Pand Mouneswaran M.C of III Year Mechanical attended Project based Internship at Sakthi Auto Components Ltd., Perundurai from 30.05.2019 to 22.06.2019.
- Deepak. Mof III Year Mechanical completed industrial project on “Increasing the overall performance parameters by altering the blowing agent” at Harita Seating Systems Ltd., Hosur from 21.05.2019 to 01.06.2019.
- Fifty three Third Year Mechanical Students have attended In-plant Training at various industries during 20.05.2019 to 25.05.2019.
- Thirty nine Second Year Mechanical Students have attended In-plant Training at various industries during 27.05.2019 to 08.06.2019.