NEWS LETTER - ODD- 2018-19

Mechanical Engineering

Vision: Impart quality technical education for accomplishing academic excellence with relevant training to prepare professionals with proficiency, ethics and research culture to cater industrial and societal needs in mechanical engineering.

Mission:

- 1. To provide relevant and appropriate learning ambience to accomplish technological and social needs.
- 2. To inculcate interdisciplinary and innovative activities for better career of students
- 3. Instill theoretical, practical, design and development skills essential for lifelong learning process with team spirit.
- 4. Develop expertise, attitude and core competence of stakeholders by providing them a platform to showcase their diverse aptitude.

1. Specialization:

Department of Mechanical Engineering students will have the opportunity to pursue specialization in anyone of the following fields:

- 1. Design and Analysis
- 2. Industrial Engineering
- 3. Thermal Engineering
- 4. Automation in manufacturing

2. Programme Overview:

Mechanical Engineering is concerned with the lifecycle support (including design, manufacturing, performance and durability testing) of machines. A key challenge for Mechanical Engineers today is to design sustainable machines that meet ever-increasing safety and performance standards in a cost-effective way. In order to do this, you need to be able to embrace a wide range of fundamental and more specialist engineering skills, as well as being aware of the commercial implications that impinge on the design and production processes

3. Academic Framework:

Mechanical Engineering program curriculum lays intensive focus on

- 1. Mechanics of Materials
- 2. Materials Science
- 3. Machine Drawing

- 4. Thermo Dynamics
- 5. Mechanical Measurements and Metrology
- 6. Manufacturing Processes
- 7. Fluid Mechanics
- 8. Turbo Machines
- 9. Dynamics of Machinery
- 10. Engineering Economics
- 11. Operations Research.

4. Best Practices Implemented:

Some of the best practices used by Mechanical Programme are

- 1. Demonstration of Projects
- 2. Animations and Presentations.
- 3. Group activity
- 4. Quiz, Guest Lectures, Workshops, On-line resources (NPTEL)
- 5. Internships, Activities through student association-TORQUE.
- 6. Encouraging the faculty to upgrade their knowledge and skills through Faculty Development Programs.

5. Learning Outcome

The learning outcomes prepare graduates to enter the professional practice of mechanical engineering.

- 1. Applying knowledge of theoretical foundations of manufacturing and design to all levels of mechanical engineering field.
- 2. Design a system, component or process that meets regulatory and industry standards and considers health and safety risks, economic, environmental, cultural and social impacts.
- 3. Create sustainable engineering solutions that are based on feasibility, technology, environmental impact and economic assessments.
- 4. Demonstrate proficiency in the techniques, skills and tools necessary for mechanical engineering practice with an understanding of the associated limitations.
- 5. Communicate technical concepts and issues effectively with both technical and nontechnical audiences.

7. Careers Opportunities

Mechanical Engineering Graduates can expect Professional Career opportunities in Mechanical Engineering and other allied industries in the areas such as

- 1. Aerospace
- 2. Automotive
- 3. Computers
- 4. Electronics
- 5. Fossil and Nuclear Power
- 6. Manufacturing
- 7. Pharmaceutical
- 8. Robotics and
- 9. Textiles.

Further the scope of employment extends into areas of

- 1. Research and development
- 2. Design
- 3. Testing and evaluation
- 4. Manufacturing
- 5. Operations and maintenance
- 6. Marketing, sales and administration.
- 7. Public sector units like Railways, ONGC, Indian Oil, ISRO, SAIL,NTPC,DRDO and IAF, also have ample job opportunities for Mechanical Engineers.

Students Strength:

First Year	47
Second Year	65
Third Year	58
Final Year	67

Academic Toppers:

Odd Semester

Rank	1 st Semester	3 rd Semester	5 th Semester	7 th Semester
1 st	Gavisiddappa A M Vishwanath Narti (80%) (78.875%)		Mohammed Junaid M (79.75%)	Holalappagouda (83.75%)
2 nd	Gourav Meharwade (76%)	Girish (75.87%) Vasanth Kallanavar (75.87%)	Shahid Afridi Mulla (78.75%)	Sanjeev S Betageri (81.88%)
3rd	Sagar G	Jagadeesh R	Suryakant R Hurakadli (Renuka D Hebasur
	Mulimani(74.375%)	Vadakannavar (72.75%)	76.37%)	(81.38%)

Department Events

1. Teachers Day (05-09-2018)

Faculties addressed the students of Mechanical Engineering during this event highlighting on topics such as roles and responsibilities of a Teacher.

Event Coordinator- Mr. C.M. Kaggalagowdar.

2. Engineers Day Celebration (15-09-2018)

Alumni Mr. Lakeshmesh, Mr. Yogesh H and Miss Pooja addressed the students of Mechanical Engineering and highlighted on the principles, discipline and dedication of Sir M.Visvesvaraya that helped him to achieve success in his life.

Event Coordinator- Mr. C.M. Kaggalagowdar.

3. VLCI Programme (27-09-2018)

A session was organized to bridge the gap between industry and academia by learning leadership qualities under VLCI thereby to make the students ready for industry challenges and expectations.

Event Coordinator: Mr. Prashant A Mulimani and Mr. Suresh S Bujari.

4. Special Lecture on Electrical Engineering (04-10-2018)

Mr. Iranna Makarabbi gave a talk to the students of Mechanical Engineering on Bureau of Energy Efficiency and discussed on topics such as energy audit, energy efficient devices buildings and the importance of how these energy ratings help for energy savings.

Event Coordinator: Mr. Prashant A. Mulimani.

5. AUTO CAD Training on 2D and 3D Modeling (05-10-2018)

This program was organised for the second semester Students of Mechanical Engineering to give awareness of 2D drawings in service Industry and the importance of 3D modeling.

Event Coordinator: Mr. Prashant A. Mulimani.

6. Truss Building Completion for Mechanical and Civil Engineering Department (10-10-2018)

Students prepared different Truss models with the help of ice-cream sticks, which were tested for maximum load bearing capacity to decide the best among the models prepared.

Event Coordinator: Mr. Prashant A. Mulimani.

7. Solid Edge 3D modeling for I year students (10-10-2018)

This event was organised for the second semester Students of Mechanical Engineering to familiarize them to 3D part modeling and the various associated applications and software.

Event Coordinator: Mr. Mahendra K Hullur.

8. Orientation Programme on Additive Manufacturing on 3D Printing (12-10-2018)

This program was organsied for the students of Mechanical Engineering to create an awareness about the difference between digital drawing and physical drawing, Ideas regarding 3D printing for better finish of technical products.

Resource Person: Mr Mahantesh Pattanshetty, Mr Babu Krisnamorthy, Mr Rammohan.

Staff Achievements

 Mr. Vijaykumar Chavan published paper entitled 'Mechanical Characterization of Hybrid Thermoplastic Composites of Short Carbon Fiber', in International Journal of Engineering Research & Technology (IJERTI) NCMPC-2019 (Volume 7, Issue 07).

Student Trainings

- 1. Fifty seven students of 6thsem Mechanical Engineering attended a workshop on '3D Printing' conducted by the Fuel team from 2nd to 5th April 2019
- 2. Thirty seven students of Mechanical Engineering have participated in A.P.J. Kalam Fuel Fellows Convocation with Leadership Awards and Future Skills Conclave at HSBC Software Development India Pvt Ltd, Kalyani Nagar, Pune. 14th April 2019.
- 3. Five students attended TEQIP workshop on Entrepreneurship from 3rd to 5th May2019.
- 4. Total 47 students of Mechanical Engineering attended 'APJ Kalam FUEL Fellows Convocation' at Hubli on 2nd June 2019.

Staff Trainings

- 1. Dr.Devendra.K has attended IEEE Workshop On 'Driving Innovation with IPR and Research' at VTU Belagavi on 17-09-2018.
- 2. Mr.C.M.Kaggalagowdar and Mr. Prashant A. Mulimani attended FDP conducted by NPTEL IIT Bombay.
- 3. Mr. Prashant A. Mulimani attended 6 Days FDP on 'Out Come Based Education workshop' held at KLE IT Chikkode from 21st Jan to 26th Jan 2019.
- 4. Mr. Srikant Badi, attended one-day workshop on 'Scilab' held on 4th May 2019 conducted by IITB remotely.
- 5. Dr.Prasanna Raravi, attended FDP on 'Implementation of Outcome Based Education In Higher Education Institutions' from 8th july to 12 july,2019, at SIT Tumkur.

Placement Details

Sl.No	Student Name	USN	Company Name
1	Irappa Channappa Ganiger	2KA15ME017	Alpha 9 Marine Services Pvt. Ltd
2	Arunkumar Hammagimath	2KA15ME008	Alpha 9 Marine Services Pvt. Ltd
4	Wasimnaik Naik	2KA15ME060	Alpha 9 Marine Services Pvt. Ltd
5	Karthik M Kundagol	2KA15ME018	Alpha 9 Marine Services Pvt. Ltd
6	Sanjeev Doddaganiger	2KA15ME047	Alpha 9 Marine Services Pvt. Ltd
9	Abhishek Bhojaraj Shetty	2KA15ME400	Alpha 9 Marine Services Pvt. Ltd
11	Sangamesh Shettar	2KA15ME045	Alpha 9 Marine Services Pvt. Ltd
12	Nagarajkumar Gondabal	2KA15ME028	Alpha 9 Marine Services Pvt. Ltd
13	Premkumar Udayakumar	2KA15ME038	Alpha 9 Marine Services Pvt. Ltd
	Ginimav	ZNAIDIVIEU38	

15	Mahesh Gangadhar Sajjanar	2KA15ME022	Alpha 9 Marine Services Pvt. Ltd	
16	Pavankumar Rajpurohit	2KA15ME035	Alpha 9 Marine Services Pvt. Ltd	
17	Pavan Suresh Kulkarni	2KA15ME032	Alpha 9 Marine Services Pvt. Ltd	
18	Holalappagouda S	21/445845046	Alpha 9 Marine Services Pvt. Ltd	
	Chayappagoudra	2KA15ME016	·	
19	Abhishek.J.Karamadi	2KA15ME002	Alpha 9 Marine Services Pvt. Ltd	
20	Akash G P	2KA15ME003	Alpha 9 Marine Services Pvt. Ltd	
21	Sandeep F Amatigoudra	2KA15ME044	Alpha 9 Marine Services Pvt. Ltd	
22	Akshay B Madnur	2KA14ME003	Alpha 9 Marine Services Pvt. Ltd	
23	Nihal Hirojansab Nadaf	2KA15ME030	Alpha 9 Marine Services Pvt. Ltd	
24	Renuka D. Hebasur	2KA15ME040	Qspiders, Bengaluru	
25	Akash G P	2KA15ME003	Nandee Networks, Bengaluru	
26	Madhusudan R	2KA15ME020	Nandee Networks, Bengaluru	
27	Abhishek Bhojaraj Shetty	2KA15ME400	Nandee Networks, Bengaluru	
28	Sangamesh V Shettar	2KA15ME045	Nandee Networks, Bengaluru	
29	Vishwanath Y Banasode	2KA15ME059	Nandee Networks, Bengaluru	
30	Sandeep F Amatigoudra	2KA15ME044	Nandee Networks, Bengaluru	
31	Andanappa C Meti	2KA15ME402	Nandee Networks, Bengaluru	
32	Renuka D Hebasur	2KA15ME040	Aryaan Solutions, Bengaluru	
33	Arunkumar Umesh .H	2KA15ME008	Pin Click, Bengaluru	
34	Abhishek Bhojaraj Shetty	2KA15ME400	Pin Click, Bengaluru	
35	Premkumar U. Ginimav	2KA15ME038	Pin Click, Bengaluru	
36	Pavankumar P. Rajpurohit	2KA15ME034	Pin Click, Bengaluru	
37	Anjaneya U. Golasangi	2KA15ME007	Pin Click, Bengaluru	
38	Akash G P	2KA15ME003	Pin Click, Bengaluru	
39	Madhusudan R	2KA15ME020	Pin Click, Bengaluru	
40	Ganesh Pawar	2KA15ME406	Galore Networks, Bengaluru	
41	Lakshman Bisanalli	2KA15ME019	Galore Networks, Bengaluru	
42	Vishwanath Bansode	2KA15ME059	BuziBrAlns, Bengaluru	
43	Wasim Naik	2KA15ME060	BuziBrAlns, Bengaluru	
44	Sairam N Baddi	2KA15ME042	Vee Technologies, Bengaluru	













NEWSLETTER EVEN 2018-19

MECHANICAL ENGINEERING



Events:

1. A visit to Vijaylaxmi Group of Industries Hubli (11-01-2019)

An Industrial visit for 8th SEM Mechanical Engineering Students was undertaken.

Staff Incharge: Prof Prashant A. Mulimani and Prof Mahendra K. Hullur, in association with TPO Mr Niranjan Kulkarni.

2. Cleanliness and Hygiene (28-02-2019)

Training program was conducted at Lakshmeshwar Bus Stand by Visionary Learning Community of India (VLCI) for 4th SEM students.

Staff Incharge: Prof. Prashant Mulimani

3. A visit to ELVEETY INDUSTRIES PVT LTD Hubli (8-03-2019)

An Industrial visit for 4th semester Mechanical Engineering students was undertaken. Staff Incharge: Prof. Prashant A. Mulimani and Prof. Mahendra K.Hullur

4.Best Out Of Waste Competition (22-03-2019)

An event was conducted for Mechanical Engineering Department students, with the help of waste material available in the college campus.

Staff Incharge: Prof. Prashant A. Mulimani

5.3D printing Workshop (26-03-2019 to 30-03-2019)

In association with FUEL a workshop was conducted for 6th and 8th sem Mechanical Engineering Students.

Staff Incharge: Prof. Padmavati U.

6.Demonstration on Solar Water Heater Installation (26-03-2019)

An installation demonstration was done at the college boys hostel, briefing with material, technical and economical aspects involved with the Solar Water Heater system.

Staff Incharge: Prof. Mahendra K. Hullur

7.One day work Shop on Assembly and Disassembly of 2 Wheeler (29-03-2019)

The workshop was conducted for 4th sem Mechanical Engineering Students

Staff Incharge: Prof. C. M. Kaggalgowdar

8.A talk on Role of Soft Skills in global corporate setting (8-04-2019)

Dr. Maheshwar C. Y delivered a talk for Mechanical Engineering Department Students

9. 3-D Printing Convocation (13-04-2019)

A visit to HSBC Pune on occasion of 3-D printing convocation for 6th and 8th SEM Mechanical Engineering students was under taken.

Staff incharge: Prof C.M. Kaggalagowdar and Prof Prashant A. Mulimani

10. One-Day Workshop on Scilab (04-05-2019)

A workshop was conducted by Teaching Learning Center ICT supported by FOSSEE & Spoken Tutorials IITB.

Workshop Coordinator: Dr. Prasanna Raravi

11. A visit to VTU-NASD Dandeli (10-05-2019)

An visit for VTU-NASD for 6th SEM Mechanical Engineering Students was undertaken. Staff in charge: Prof Prashant Mulimani, Prof C.M. Kaggalagowdar and Prof Mahendra Hullur

Workshop/ Conference / Training: Faculty

- 1. Prof. Prashant A Mulimani attended 6 Days FDP on "*Out Come Based Education workshop*" held at KLE IT Chikkode form 21st Jan to 26th Jan 2019.
- 2. Prof. Srikant Badi, attended one day workshop on "Scilab" held on 4th May 2019 conducted by IITB remotely.

Papers Published & Presented in Journals & Conferences:

1. Prof. Vijaykumar Chavan published paper entitled "Mechanical Characterization of Hybrid Thermoplastic Composites of Short Carbon Fiber", in International Journal of Engineering Research & Technology (IJERTI) NCMPC-2019 (Volume 7, Issue 07).

State/National Level Technical Events, Conferences, Workshops &

Internships/Training Activities: Students

- 1. Sneha Kammar and Renuka Hebasur of 8th Sem students presented Technical paper presentation at REC Hulkoti Utsav 2019 and banged 2nd place conducted on 25/02/2019.
- 2. Pragati from 4th sem Mechanical Engineering Department attended lead valedictory and gave a talk on Leadership qualities addressing 300+ audience and promoted to Master Leader in short term, conducted on 21/02/2019.
- 3. Vishwanath Bansode and Team of 8th sem Mechanical Engineering Department attended Group Dance completion Fatima College Hubli, banged 2nd Prize, conducted on 15/03/2019
- 4. Mr. Abhishek karamaddi (8th sem), mr. Nagaraj dani (8th sem) & ms. Soubhagya pujar (8th sem) underwent internship program with anand enterprises gadag for the ay 2018-19.
- 5. Mr. (8th sem), mr. (8th sem) & mr. (8th sem) underwent internship program with for the ay 2018-19.
- 6. Mr. Akheel kandagal (8th sem), mr. Akash gp (8th sem) & mr. Amoghvarsh desai (8th sem) underwent internship program with inspira technology gadag for the ay 2018-19.
- 7. Mr. Sanjeev s betageri (8th sem)) underwent internship program with hydro lines india pvt ltd dharwad for the ay 2018-19.
- 8. Mr. Anjaneya golasangi (8th sem), mr. Budihal duragappa (8th sem) & mr. Rabbani h (8th sem) underwent internship program with vijaylaxmi industries hubli for the ay 2018-19.
- 9. Mr. Basavaraj annigeri (8th sem), mr. Manjunath shigli (8th sem) & mr. Ramesh angadi (8th sem) underwent internship program with tata hitachi dharwad for the ay 2018-19.
- 10.Mr. Holalappa s chayappagoudra (8th sem), mr. Mutturaj annigeri (8th sem) & mr. Vinod b mannur (8th sem) underwent internship program with india metal one steel plate processing pvt ltd hospet for the ay 2018-19.
- 11.Mr. Sandeep amatigoudara (8th sem) & ms. Sneha kammar (8th sem) underwent internship program with aequs belgaum for the ay 2018-19.
- 12.Mr. Pavan s. kulkarni (8th sem), mr. Sunil Patil (8th sem) & mr. Abhishek shetty (8th sem) underwent internship program with sw railway workshop hubli for the ay 2018-19.
- 13.Mr. Akshay madnur (8th sem) underwent internship program with hiten fasteners pvt ltd gadag for the ay 2018-19.
- 14.Mr. Pavan g (8th sem) underwent internship program with bilagi sugar ltd bilagi for the ay 2018-19.
- 15.Mr. Arun (8th sem), mr. Wasim naik (8th sem) & mr. Nagaraj kumar (8th sem) underwent internship program with vee tech valves pvt ltd dharwad for the ay 2018-19.
- 16.Mr. Manjunath 1 t (8th sem) & mr. Veeraj m masur (8th sem)) underwent internship program with tata motors authorised service station haveri for the ay 2018-19.
- 17.Ms. Renuka hebbsur (8th sem) underwent internship program with mandovi motors mangalore for the ay 2018-19.
- 18.Mr. Mahadevappa tuppad (8th sem), mr. Vishal baligar (8th sem) & mr. Lakshman b (8th sem) underwent internship program with al-cast iron industries hospet for the ay 2018-19.
- 19.Mr. Premkumar ginimav (8th sem) & mr. Phaniraj s g (8th sem) underwent internship program with for the ay 2018-19.
- 20.Mr. Pavan g (8th sem), mr. (8th sem) & mr. (8th sem) underwent internship program with spicer india pvt ltd dharwad for the ay 2018-19.
- 21.Mr. Vishwanth bansode (8th sem) underwent internship program with sw railway desiel locoshed hubli for the ay 2018-19.

Placements:

		Placed Students List for	the AY 2018-19
S1. No	S1. No Name		Company Name
1	2KA15ME017	Irappa Channappa Ganiger	Alpha 9 Marine Services Pvt. Ltd
2	2KA15ME008	Arunkumar Hammagimath	Alpha 9 Marine Services Pvt. Ltd
3	2KA15ME060	Wasimnaik Naik	Alpha 9 Marine Services Pvt. Ltd
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9	2KA15ME038	Premkumar Udayakumar Ginimav	Alpha 9 Marine Services Pvt. Ltd
10	2KA15ME022	Mahesh Gangadhar Sajjanar	Alpha 9 Marine Services Pvt. Ltd
11	2KA15ME035	Pavankumar Rajpurohit	Alpha 9 Marine Services Pvt. Ltd
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17	2KA14ME003	Akshay B Madnur	Alpha 9 Marine Services Pvt. Ltd
18	2KA15ME030	Nihal Hirojansab Nadaf	Alpha 9 Marine Services Pvt. Ltd
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34	2KA15ME020	Madhusudan R	Pin Click, Bengaluru

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	36	2KA15ME019	Lakshman Bisanalli	Galore Networks, Bengaluru
	37	2KA15ME059	Vishwanath Bansode	BuziBrAIns, Bengaluru
	38	2KA15ME060	Wasim Naik	BuziBrAIns, Bengaluru
	39	2KA15ME042	Sairam N Baddi	Vee Technologies, Bengaluru

Events Photo Gallery:















