Once more, it is with immense pleasure we are releasing the latest issue of SADHANA – the department e-newsletter. This issue highlights events, activities and academic prowess and achievements of students and faculty members between January – June 2017. We do hope and expect that the newsletter encourages many more including students to use it as a platform to express their creativity. Please feel free to offer any suggestions for improvement.

-Editorial Board

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Events

Parents-Teacher Meet

The “Parents-Teachers Meet” was organized to promote the welfare of the students in home, college and community, on Saturday, 13 May 2017.

Open Day Project Exhibition

- The open day project Exhibition was organized for final year students to demonstrate their project work carried out during May 2017. The Jury members were Dr. C K Nagendra Gupta, Associate professor, Dept. of IEM, RVCE, Bengaluru and Mr. B Vinod Kumar, Assistant Manager-Materials, Wipro Infrastructure Engineering, Bengaluru.

Skill Development Program

- The department in association with Centre for Inter Disciplinary Research (CIR), JSSATE, Bengaluru and ANSYS, Bengaluru organized skill development program on “Basic Course on Computational Fluid Dynamics (CFD) Using ANSYS”, on 22-24, May 2017 at JSSATE campus, Bengaluru. 64 students enrolled for the skill development program.
Events

Zero Absenteeism Program (ZAbP) week

As a value addition, the department regularly conducts various programs. ZAbP week is one of such program, which was held between 8-13 May 2017. The objective of the program is;

- To convey the students the importance of attendance.
- To inculcate the discipline among the students.

Lecture series from various industrial experts were arranged during ZAbP week.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Day</th>
<th>Title</th>
<th>Speakers</th>
<th>Designation and Name of Organization</th>
<th>Relevance to PO &amp; PSO</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>08/05/17</td>
<td>Current trends in automotive industries</td>
<td>Mr. Jagadish Rangaswamy</td>
<td>Global Head Quality, Ford Motors, USA</td>
<td>PO5, PO6, PO11, PO12 &amp; PSO3</td>
</tr>
<tr>
<td>2</td>
<td>09/05/17</td>
<td>Importance of maintaining good Environment</td>
<td>Mr. Kumarswamy</td>
<td>Chief Environmental officer, Pollution control board, Karnataka</td>
<td>PO6, PO7, PO12 &amp; PSO2</td>
</tr>
<tr>
<td>3</td>
<td>10/05/17</td>
<td>Responsibility and ethics</td>
<td>Mr. Deepak Patil</td>
<td>Senior facilitator, Initiatives of Changes</td>
<td>PO3, PO8, PO12 &amp; PSO2</td>
</tr>
<tr>
<td>4</td>
<td>11/05/17</td>
<td>Current trends in industrial safety</td>
<td>Mr. Narayanappa</td>
<td>Deputy director, Dept. of boilers, factories, industrial health and safety, government of Karnataka</td>
<td>PO6, PO7 &amp; PSO2</td>
</tr>
<tr>
<td>5</td>
<td>12/05/17</td>
<td>GO- Green</td>
<td>Ms. Malathi</td>
<td>Senior facilitator, Initiatives of Changes</td>
<td>PO6, PO7, PO12 &amp; PSO2</td>
</tr>
</tbody>
</table>

ZAbP week sessions
Events

To motivate students, the following rewards were distributed on 13 May 2017.

- Best class – III year
- Best student for first year – Santosh V
- Best student for second year – Nishanth H
- Best student for third year – Srikanth A R


Invited talk on “Software’s in Material Management” by Mr. Vinod Kumar, Asst. Manager, Wipro, Bengaluru, during May 2017.

Student Chapter

- The Department of IEM in association with Quality Circle forum of India, (QCFI) Inaugurated Student Chapter at JSSATE, Bengaluru. Inaugurated by Mr. Kishan, Vice Chairman, QCFI Bengaluru, on May 2 2017. Dhruva K, 6th Semester IEM, coordinated QCFI-Bengaluru Chapter.

Invited Talk

- The Department organized a guest lecture on “Clean Technology: Resource, Material and Energy Efficiency ” by Dr. S Seetharamu, Former Director, Central Power Research Institute, Chairman, ITC Clean Tech., Prof. R & D, BMSCE Bengaluru, & Technical Advisor, NDRF on 28th March 2017.
Industrial Visits

- Shivasharan Yalagi organized visit to Wipro Infrastructure Engineering (Hydraulics), Bengaluru on May 4, 2017 for II year students. No. of students participated - 50.

Faculty Excellence

Conference / Seminars / FDPs / Workshops Attended

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Faculty Name</th>
<th>Workshop/ Seminar/ Conference/ FDP</th>
<th>Topic</th>
<th>Date &amp; Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. W Yerrswamy Dr. T S Nanjundeswaraswamy M R Prabhushankar Ms. Rashmi S K S Mahesh Shivasharan Yalagi Mrs. Vanishree Beloor</td>
<td>FDP</td>
<td>Enhancing Pedagogical Skills</td>
<td>17th -21st Jan 2017 . JSSATE, Bengaluru.</td>
</tr>
<tr>
<td>2</td>
<td>Dr. M Vijaykumar T J Jitendra</td>
<td>FDP</td>
<td>Agile Manufacturing</td>
<td>16th -21st Jan 2017 MSRIT, Bengaluru.</td>
</tr>
</tbody>
</table>

Dr. D R Swamy

- Promoted as Dean – Research (Centre for Inter Disciplinary Research), at JSSATE, Bengaluru.
- Executed 6 consultancies of various industries worth 3.28 Lakhs.
- Attended and inaugurated safety exhibition at Tumukur, on safety day celebration on 27 March 2017.
- Nominated as member for Department of Factories & Boilers Examination Board, Government of Karnataka for 3 years.

Dr. M Vijaykumar

- Chaired session at International Conference of Materials, Manufacturing and Modelling, School of Mechanical Engineering VIT, Vellore and State University of Binghamton, United States in association with ASME, VIT, Vellure on 9th March 2017.

Dr. B G Prashantha

- Awarded Ph. D, under VTU, Belagavi, during March 2017 under the guidance of Dr. S Seetharamu, Former Director CPRI, Bangalore, the dissertation titled “Design and analysis of stack based thermoacoustic refrigerator”.
Publications

Dr. Swamy D R


Dr. M Vijaykumar

- “Pneumatically Operated Automotive Light Vehicle”, International Conference on International Value Engineering Academic Summit organized by Industrial Engineering and management department, Dayananda Sagar College of Engineering, Bangalore from 3rd-5th March, 2017

Dr. B G Prashantha


Dr. T S Nanjundeswaraswamy


Ms. Rashmi


- “Value Analysis on Quality of Work Life of Nurses in a Private Hospital – An empirical study” International Conference on “International Value Engineering Academic Summit – 2017”
STUDENTS ACHIEVEMENTS

Manovegam
A team of seven students (KNIGHT HAWKS) from IEM and Mechanical Engg. Participated in MANOVEGAM 2017, under the guidance of Mr Prabhushankar M R, Faculty Advisor, JSSATE-SAEINDIA COLLEGIATE CLUB, Dr. Vijay Kumar M, Associate Professor and Head, Dept. of IEM and Dr. D R Swamy, Chief coordinator, Centre for Inter-Disciplinary research (CIDR). The event held at SIT, Tumkur on 14 and 15 April 2017. The team won a cash prize of Rs. 10,000/ - for the BEST DESIGN REPORT.


STUDENTS ACHIEVEMENTS

Open Day Project Exhibition

- The open day project Exhibition was organized for final year students to demonstrate their project work carried out during May 2017. The Jury members were Dr. C K Nagendra Gupta, Associate professor, Dept. of IEM, RVCE, Bengaluru and Mr. B Vinod Kumar, Assistant Manager-Materials, Wipro Infrastructure Engineering, Bengaluru.
- The two project team won successfully first and second prize for their work.

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Student Name with USN</th>
<th>Title of the Project work</th>
<th>Guide</th>
<th>Prize won</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rashmi V N (1JS13IM035) K Sujay (1JS13IM021)</td>
<td>Behavior based practices at Rane Engine Valves Ltd.</td>
<td>Dr. Swamy D R Professor and Dean (R&amp;D)</td>
<td>First</td>
</tr>
<tr>
<td>2</td>
<td>Arvind Kashyap B (1JS12IM010) Aishwarya Anand (1JS12IM005) Akshay D (1JS12IM007) Sanjana N (1JS12IM038)</td>
<td>Industry Line Follower With Pick And Place Robotic Arm</td>
<td>Mr. T.J. Jitendra Asst. Professor</td>
<td>Second</td>
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We welcome your valuable suggestions for further improvement of Sadhana. Please write us at or contact iemjssateb@gmail.com - Editorial Board

Industrial Visit coordinator
Mr. U Krishna Prasad, Assistant Professor

SAE - Faculty Advisor
MR. M R Prabhushankar, Assistant Professor

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Mr. Aswin Krishna S, (B.E - IEM I Year student)

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