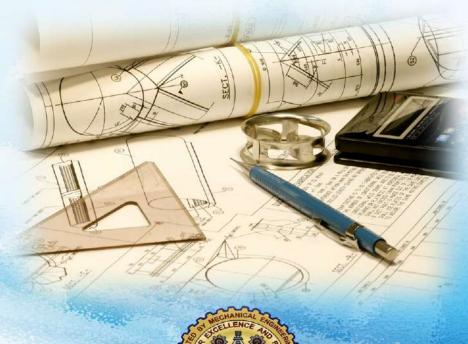


### NEWS LETTER 2015-16

Department of Mechanical Engineering





S.J.P.N. TRUST'S

HIRVASUGAVR INSTITUTUE OF THEGHNOLOGY,

NIDASOSHI - 591236

Tal.: Hukkeri Dist.: Belagavi

Vol. 04

June 2K16

#### FROM THE PRINCIPAL'S DESK

HIT has gone through leaps and bounds in the past year providing professional and high quality education through its originality of conception, excellence of visual presentation and commitment to accuracy.

Pertaining to this, HIT has been acknowledged with numerous awards from various other institutions, enterprises and well wishers. HIT students participated and won prices in numerous technical events conducted by various premier organizations. The institute organized international conference on "Recent Innovation in engineering and



Technology" (ICRIE2016) on 7th and 8th October and about 140 Technical papers have been presented in the conference.

It is reflection of the college initiation in the overall growth of the students. I congratulate the HOD Prof. Yappalparwi, Members of editorial board, the staff, and the students for bringing out the News letter.

The current issue of this News letter will take you through the outstanding achievements and activities of the semester.

The institute welcomes feedback and suggestion from readers.

#### FROM HOD'S DESK

There are many measures that can be used to assess the quality of an academic department. In this issue of news letter for the year 2015-2016, we shine a spot light on most of the most important events which gauge our success in the department of Mechanical Engineering. The achievement of the nearly 500 students who are actively pursuing the degree is highlighted here. This news letter showcases some of the student's impressive academic results, their out reach to the community, their honors and award



and their hopes of the future. I hope you will be inspired by these student's ambitious and incredibly deserve accomplishments and that our students continue to exceed expectations. These outstanding students truly represent the success stories of tomorrow. Our faculty section of this news letter highlights the faculty members innovative courses and leading edge research that are expanding our capabilities in the existing area such as Thermal Engineering, Material Science, Alternative Energy, CAD/CAM & Robotics and Design Engineering.

#### FROM CHIEF EDITOR'S DESK

I am extremely happy to place before you the Departmental News Letter for the Year 2014-2015. The news bulletin gives informative details of the department activities and achievements by AIMSS family. I thank and congratulate the students and staff members for their participation and success in various events and competitions, which became the rich content for the news letter. I wish all the Best to My Students.



### **NEWS LETTER 2015-16**

#### **Faculty Members**

| NAME                    | DESIGNATION | EXP. | QUALIFICATION | NAME                     | DESIGNATION | EXP. | QUALIFICATION |
|-------------------------|-------------|------|---------------|--------------------------|-------------|------|---------------|
| Dr. S. R. Mahjan        | Principal   | 27   | PhD           | Prof. M.M. Shivashimpi   | Asst Prof   | 09   | M Tech (PhD)  |
| Dr. S. A. Alur          | Professor   | 23   | PhD           | Prof. T.S. Vandali       | Asst Prof   | 16   | M Tech        |
| Prof. S. B. Yapalaparvi | Asst Prof   | 27   | M Tech (PhD)  | Prof. M. A. Hipparagi    | Asst Prof   | 08   | M Tech        |
| Prof. S.N.Topannavar    | Assoc Prof  | 17   | M Tech (PhD)  | Prof. C. I. Ambiger      | Asst Prof   | 05   | M Tech (PhD)  |
| Prof. A.S.Reddy         | Assoc Prof  | 13   | M Tech (PhD)  | Prof. Anilkumar. Biradar | Asst Prof   | 06   | M Tech        |
| Prof. S.A.Mehta         | Asst Prof   | 14   | M Tech        | Prof. Niranjan. Ukkali   | Asst Prof   | 04   | M Tech        |
| Prof. R. Chitgopkar     | Asst Prof   | 24   | M Tech        | Prof. Mahesh. Inagalagi  | Asst Prof   | 03   | M Tech        |
| Prof. G.A.Naik          | Asst Prof   | 19.5 | M Tech        | Prof. Santosh. Awade     | Asst Prof   | 04   | M Tech        |
| Prof. D.N. Inamdar      | Asst Prof   | 15   | M Tech (PhD)  | Prof. Jagadeesh. Alkur   | Asst Prof   | 03   | M Tech        |
| Prof K.M. Akkoli        | Asst Prof   | 14   | M Tech (PhD)  | Prof. M. I.Tanodi        | Lecturer    | 04   | M Tech        |
| Prof. G.V. Chiniwalar   | Asst Prof   | 14   | M Tech        | Prof. Kushal. Ambli      | Lecturer    | 05   | M Tech        |
| Prof. S.R. Kulkarni     | Asst Prof   | 09   | M Tech        | Prof. B. M. Dodamani     | Lecturer    | 04   | M Tech        |
| Prof. S. A.Goudadi      | Asst Prof   | 08   | M Tech        | Prof. R.V. Nyamagoud     | Lecturer    | 03   | M Tech        |
| Prof. M. S. Futane      | Asst Prof   | 12   | M Tech        | Prof. Hareesh. Naik      | Lecturer    | 02   | M Tech        |

#### **Technical Supporting Staff**

| NAME                  | DESIGNATION | EXP. | QUALIFICATION |
|-----------------------|-------------|------|---------------|
| Shri. V .G. Badiger   | Foreman     | 20   | DME           |
| Shri. R. M. Hunchyali | Instructor  | 19   | DME           |
| Shri. S. R. Nakadi    | Instructor  | 29   | DME           |
| Shri. M. B.Badiger    | Instructor  | 20   | DME           |
| Shri. S. C. Jotawar   | Instructor  | 24   | DME           |
| Shri. C. B. Patil     | Mechanic    | 13   | ITI           |

| NAME                    | DESIGNATION | EXP. | QUALIFICATION |
|-------------------------|-------------|------|---------------|
| Shri. A. B. Sankeshwari | Foreman     | 19.5 | DME           |
| Shri. R. B. Kumbar      | Instructor  | 16   | DME           |
| Shri. P. S. Gujar       | Instructor  | 12   | DME           |
| Shri. M .S. Kurani      | Instructor  | 03   | DME           |
| Shri. D. R. Badiger     | Mechanic    | 20   | SSLC          |
| Shri M. J. Patil        | Welder      | 05   | ITI           |

#### **Ministerial Staff**

| NAME                   | DESIGNATION | EXP. | QUALIFICATION |
|------------------------|-------------|------|---------------|
| Shri. R. G.Shivannavar | Helper      | 20   | ВА            |
| Shri. G. M. Hirekodi   | Helper      | 20   | SSLC          |
| Shri. G. D. Basappare  | Peon        | 15   | SSLC          |

| NAME                  | DESIGNATION | EXP. | QUALIFICATION |
|-----------------------|-------------|------|---------------|
| Shri. P. S Pimpalgavi | Peon        | 20   | SSLC          |
| Shri. M S. Kadalagi   | Helper      | 20   | PUC           |

#### Department of Mechanical Engineering, HIT., Nidasoshi



#### • ABOUT DEPARTMENT •

The department of mechanical engineering was established in the year 1996 with an intake of 60 students and the present intake is 120. The department has qualified and experienced teaching faculty with state of the art infrastructure and modern teaching aids catering to the needs of VTU curriculum.

Mechanical engineering department offers courses and laboratory training in the area suitable for the current need. The department takes up technical problems as final year students' projects and offers solutions. Many students' projects received appreciations and awards.

In its 19th years of fruitful experience, the institute has planned for PG courses and research centers in every department year after year. As an outcome of this initiative a PG course M Tech (Thermal Engineering) in the department of mechanical engineering has been sanctioned by AICTE for the academic year 2014-15. The first has already commenced from August 2014. Also VTU has been approved research center in Mechanical Engineering Department.

#### 

To become a leader in providing quality and affordable technical education in the domain of Mechanical Engineering Services.



#### 

To produce and provide ethical, innovative, professional and social responsible Mechanical Engineers to the quality and cost conscious world.



#### **Department Toppers**

#### 1<sup>st</sup> Semester Toppers



Ganesh K. Jadhav SGPA 8.33 (1st Rank)



Mahesh N. Hampigoli SGPA 8.25 (2<sup>nd</sup> Rank)



Sachin S. Desai SGPA 8.17 (3rd Rank)



Bhagyashree K. Desai SGPA 8.17 (3rd Rank)



Mallikarjun Ammanagi SGPA 8.17 (3rd Rank)

#### 3<sup>rd</sup> Semester Toppers



Praveen S. Patil 76.56 % (1st Rank)



Nikhil Khanchanale 76.33 % (2<sup>nd</sup> Rank)



Gurav Vinayak S 75.89 % (3<sup>rd</sup> Rank)

#### 5<sup>th</sup> Semester Toppers



Malagouda. S. Patil 75.00 % (1st Rank)



Bhimagouda Patil 74.22 % (2<sup>nd</sup> Rank)



Girish. Boragalli 72.44 % (3<sup>rd</sup> Rank)

#### 7<sup>th</sup> Semester Toppers



Mahesh Mannur 81.77 % (1st Rank)



Akshay S. Patil 79.00 % (2<sup>nd</sup> Rank)



Kiran C. Ganiger 78.66 % (3<sup>rd</sup> Rank)

#### **Department Toppers**

#### 2<sup>nd</sup> Semester Toppers



Aniket Bargi SGPA 8.67 (1st Rank)



Sachin S. Desai SGPA 8.42 (2<sup>nd</sup> Rank)



Mahesh N. Hampiholi SGPA 8.33 (3<sup>rd</sup> Rank)

#### 4th Semester Toppers



Praveen Magadum 83.56 % (1st Rank)



Nikhil Khanchanale 76.89 % (2<sup>nd</sup> Rank)



Rahul Chougule 76.11 % (3<sup>rd</sup> Rank)

#### 6<sup>th</sup> Semester Toppers



Kiran S. Naik 70.33 % (1st Rank)



Guruprasad Kumbar 69.77 % (1<sup>nd</sup> Rank)



Sonal S. Kumbhar 68.77 % (1<sup>rd</sup> Rank)

#### 8<sup>th</sup> Semester Toppers



Mahesh Mannur 83.20 % (1st Rank)



Satish D. Patil 81.06 % (2<sup>nd</sup> Rank)



Basavantappa Badiger 80.93 % (3<sup>rd</sup> Rank)



Sharang R. Mutalik 80.93 % (3<sup>rd</sup> Rank)

### Students' Achievements in Technical Paper Presentation



| S.N0. | TITLE OF PAPER   | AUTHOR(S)                                 | NAME OF<br>THE EVENT | VENUE               | DATE                      | PRIZE        | LEVEL    |
|-------|--|---|----------------------|---------------------|---------------------------|--------------|----------|
| 1     | Novel Light Weight Biocomposite Helmets For Children   | V S Umarani<br>S K Chougla                | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | 3rd Prize    | National |
| 2     | Impact of Exhaust Gas Recirculation on The Performances of Diesel Engine                                 | Nikhil V Sankapal<br>Rahul Raj            | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 3     | Quasi Turbine<br>The Advanced Rotary Combustion  | Sharanappa K<br>Sagar R Sajjan            | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 4     | Algae As Biofuel   | Prashant Jogin<br>Chetan Padmannavar      | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 5     | Two Wheeler Attachable Electric Wheel chair With Shock Absorbing Wheels For Physically Challenged Person | Mutturaj llager                           | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 6     | Water In Diesel Emulation Fuel   | Vinay Nerli<br>Tejas Shinde               | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 7     | Sensotronic Brake Control  | Tammanna Sattigeri                        | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 8     | Modified Shot Peening Process  | Satish Shinde<br>Sharang Mutalik          | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 9     | Effect of Combustion Chamber Shapes on The Performance of Mahua And Neem Operated Diesel Engine          | Sadanand Galatage                         | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 10    | Environmental Friendly Machining Practices Minimum Quantity Lubrication(Mql)                             | Riyajahamed Mulla                         | HIT QUEST-2015       | HIT, Nidasoshi      | 10th Oct 2015             | Participated | National |
| 11    | State of the art light weight biocomposite helmet for children's   | Vishwanath Mathapati<br>Amithkumar Mugali | SHODHA 2015          | REC,Hulikoti        | 20th Oct 2015             | Second       | National |
| 12    | Thermo Acoustic Refrigeration  | Tammanna Sattigeri                        | INVICTUS-2016        | BLDE,<br>Vijayapura | 21st & 22nd<br>Mar 2016   | Participated | National |
| 13    | Electronic Stability Control   | Rahul Raj<br>Nikhil V Sankpal             | INVICTUS-2016        | BLDE,<br>Vijayapura | 21st & 22nd<br>Mar 2016   | Participated | National |
| 14    | Nuclern Battery  | Riyajahamed<br>Mulla                      | YANTHRAJNAAN<br>2016 | VVCE, Mysore        | 2nd April 2016            | Participated | State    |
| 15    | Converting of Waste Plastic into Fuel  | Subhash<br>Golasangi                      | YANTHRAJNAAN<br>2016 | VVCE, Mysore        | 2nd April 2016            | Participated | State    |
| 16    | Water in diesel Emulsion Fuel  | Ravi Kiran Rudrapur<br>Vinay Nerli        | INVICTUS-2016        | BLDE.<br>Vijayapura | 21st & 22nd<br>March 2016 | Participated | National |
| 17    | Composite Materials in Aerospace   | Ravikiran S Patil                         | OJAS'16              | MMCE,<br>Belagavi   | 20th & 21st<br>April 2016 | Participated | National |
| 18    | Composite Materials in Aerospace   | Malagouda S Patil                         | OJAS'16              | MMCE,<br>Belagavi   | 20th & 21st<br>April 2016 | Participated | National |
| 19    | Composite Materials in Aerospace   | Ravikiran S Patil                         | PRAXIS-2016          | KLECET,<br>Chikkodi | 27th & 28th<br>April 2016 | Participated | National |
| 20    | Composite Materials in Aerospace   | Ravikiran S Patil                         | VENCER-16'           | AITM,<br>Belagavi   | 22nd April<br>2016        | Participated | National |
| 21    | Composite Materials in Aerospace   | Malagouda S Patil                         | VENCER-16'           | AITM,<br>Belagavi   | 22nd April<br>2016        | Participated | National |
| 22    | Composite Materials in Aerospace   | Ravikiran S Patil                         | SAMVEEKSHAN-16       | SGBIT,<br>Belagavi  | 22nd & 23rd<br>April 2016 | Participated | National |
| 23    | Composite Materials in Aerospace   | Ravikiran S Patill                        | NSIGNIA 16           | SDMCE,<br>Dharwad   | 17th & 18th<br>March 2016 | Participated | National |

#### **Prizes In Technical Events**

| SN | Title of paper          | Author(s)                    | Name of the event | Venue               | Date  | Prize                 | Level    |
|----|-------------------------|------------------------------|-------------------|---------------------|---|-----------------------|----------|
| 1  | Scriptmania             | Aathma H O<br>Harish K Patil | ADVAITA-15        | KLEIT,<br>Hubballi  | 3 <sup>rd</sup> & 4 <sup>th</sup><br>Oct-15         | 3 <sup>rd</sup> Prize | National |
| 2  | 3D'ing                  | Nikhil<br>Khanchanale        | HIT QUEST-15      | HIT,<br>Nidasoshi   | 10 <sup>th</sup><br>Oct-15                          | 1 <sup>st</sup> prize | National |
| 3  | 3D'ing                  | Ravi D Karoshi               | HIT QUEST-15      | HIT,<br>Nidasoshi   | 10 <sup>th</sup><br>Oct-15                          | Participated          | National |
| 4  | 3D'ing                  | Sagar R Sajjan               | HIT QUEST-15      | HIT,<br>Nidasoshi   | 10 <sup>th</sup><br>Oct-15                          | Participated          | National |
| 5  | 3D'ing                  | Ravikiran<br>Rudrapur        | HIT QUEST-15      | HIT,<br>Nidasoshi   | 10 <sup>th</sup><br>Oct-15                          | Participated          | National |
| 6  | 3D'ing                  | Satish Shinde                | HIT QUEST-15      | HIT,<br>Nidasoshi   | 10 <sup>th</sup><br>Oct-15                          | Participated          | National |
| 7  | 3D'ing                  | Akshay K<br>Kakade           | HIT QUEST-15      | HIT,<br>Nidasoshi   | 10 <sup>th</sup><br>Oct-15                          | Participated          | National |
| 8  | 3D'ing                  | Ameet A Khot                 | HIT QUEST-15      | HIT,<br>Nidasoshi   | 10 <sup>th</sup><br>Oct-15                          | Participated          | National |
| 9  | Robo Sumo<br>(WAR)      | Koushik S<br>Hukkeri         | INSIGNIA-16       | SDMCET,<br>Dharwad  | 17 <sup>th</sup> to<br>18 <sup>th</sup><br>Mar-16   | Participated          | National |
| 10 | Identify the Components | Tammanna G<br>Sattigeri      | INVICTUS-2016     | BLDE.<br>Vijayapura | 21 <sup>st</sup> to<br>22 <sup>nd</sup><br>Mar-16   | Participated          | National |
| 11 | Tech Quiz               | Ravi Kiran<br>Rudrapur       | INVICTUS-2016     | BLDE.<br>Vijayapura | 21 <sup>st</sup> to<br>22 <sup>nd</sup><br>Mar-16   | Participated          | National |
| 12 | Cad Modelling           | Nikhil<br>Khanchenale        | OJAS'16           | MMCE,<br>Belagavi   | 20 <sup>th</sup> to<br>21 <sup>st</sup><br>April-16 | 1 <sup>st</sup> Prize | National |
| 13 | 3 D War                 | Nikhil<br>Khanchenale        | PRAXIS-2016       | KLECET,<br>Chikkodi | 27 <sup>th</sup> -28 <sup>th</sup><br>April-16      | Participated          | National |
| 14 | 3 D War                 | Basavaraj<br>Jeeragale       | PRAXIS-2016       | KLECET,<br>Chikkodi | 27 <sup>th</sup> to<br>28 <sup>th</sup><br>April-16 | Participated          | National |
| 15 | 3 D War                 | Akhilesh Patil               | PRAXIS-2016       | KLECET,<br>Chikkodi | 27 <sup>th</sup> -28 <sup>th</sup><br>April-16      | Participated          | National |
| 16 | How Do they<br>Do It?   | Koushik<br>Hukkeri           | PRAXIS-2016       | KLECET,<br>Chikkodi | 27 <sup>th</sup> -28 <sup>th</sup><br>Apl-16        | 3 <sup>rd</sup> Prize | National |
| 17 | Mech Star               | Shivaling<br>Khade           | PRAXIS-2016       | KLECET,<br>Chikkodi | 27 <sup>th</sup> -28 <sup>th</sup><br>April-16      | 3 <sup>rd</sup> Prize | National |
| 18 | Robo Soccer             | Ravikiran S<br>Patil         | VENCER-16'        | AITM,<br>Belagavi   | 22 <sup>nd</sup><br>April-16                        | Participated          | National |
| 19 | Robo Race               | Ravikiran S<br>Patil         | VENCER-16'        | AITM,<br>Belagavi   | 22 <sup>nd</sup><br>Apl-16                          | Participated          | National |
| 20 | Robo Soccer             | Malagouda S<br>Patil         | VENCER-16'        | AITM,<br>Belagavi   | 22 <sup>nd</sup><br>April-16                        | Participated          | National |
| 21 | Robo Race               | Malagouda S<br>Patil         | VENCER-16'        | AITM,<br>Belagavi   | 22 <sup>nd</sup><br>April-16                        | Participated          | National |



### > Papers Published By Students In National/International Journals <

| SN | Title  | Author(s)  | Name of the<br>Journal  | Publication<br>Date and Volume,<br>ISSUE No                        | Impact<br>Factor | National/<br>International |
|----|--|--|---|--|------------------|----------------------------|
| 1  | Evaluation of Mechanical and<br>Tribological Properties of LM6<br>Alloy under Dry Sliding Wear   | Ranajeet A. Desai,<br>Bhushan S. D<br>Amrut S. Dalvi,<br>Nikhil A. Kharade,<br>Dhiraj D. Banne | JSRD-International<br>Journal for<br>Scientific Research<br>& Development               | Vol. 4, Issue 03,<br>2016, ISSN<br>(online): 2321-0613             | 2.39             | International              |
| 2  | Performance Analysis of VCR<br>DiDiesel Engine Operating On<br>Renewable Multi Fuel  | Prathamesh B. N,<br>Nilesh K. Chavan   | IJIRSE International journal of Innovative Research in Science and Engineering          | Vol-02<br>Issue-05<br>May-2016,<br>ISSN-2454-9665                  | 2.03             | International              |
| 3  | Experimental Investigation of<br>Performance Analysis On VCR<br>Di Diesel Engine Operated on<br>Multi Blend Biodiesel  | Rakesh A. Patil,<br>Pavankumar C.B   | IJARSE<br>International<br>Journal of advance<br>research in science<br>and engineering | Vol-05<br>Issue - 05<br>May-2016<br>ISSN-2319-8354                 | 2.83             | International              |
| 4  | Development of Thermal Insulators Based on Tamarind Composites   | Mahanteşh B R,<br>Akshay R K,<br>Anil S. Shvapur,<br>Bharamagouda. K                           | IJARSE<br>International<br>Journal of advance<br>research in science<br>and engineering | Vol-02<br>Issue-05<br>May-2016,<br>ISSN-2454-9665                  | 2.03             | Intenational               |
| 5  | Effect of Ethanol and Honge<br>oil methyl ester (HOME)<br>bio diesel blends on the<br>Performance and Emission<br>Characteristics of CI Engine<br>With and Without Preheat           | R B Baligar,<br>S B Patil,<br>S G Aladakatti,<br>K P Talikeri                                  | International Journal of Scientific Development and Research (IJSDR)                    | Vol-01,<br>Issue-06,<br>June-2016<br>ISSN: 2455-2631               | 2.87             | International              |
| 6  | Experimental Investigation of<br>Performance And Emission<br>Characteristics of Variable<br>Compression Ratio Di Diesel<br>Engine Operating on Jatropha<br>Biodiesel And Diesel Fuel | Ajey S. Udoshi,<br>Nagaraj B. Kotagi,<br>Lagamanna B. K<br>Akash B. Pattar                     | Internal Jouranal of<br>advanced technology<br>in engineering and<br>science IJATES     | Issue-06   | 2.8              | International              |
| 7  | Design And Fabrication of<br>Calorimeter For Impinging of<br>Flame Jet   | Kiran C Ganiger<br>Allauddin D M<br>Gururaj S Katti<br>Viresh Dollinavar                       | International Journal of Research in Science & engineering                              | Vol-02<br>ISSUE-06<br>2016<br>e-ISSN-2397-8293<br>p-ISSN-2394-8285 | 3.7              | International              |
| 8  | Emission Characteristics of<br>Diesel And Blends of Pongamia<br>Biodiesel Tested on VCR<br>Engine For Different Loads  | Chandrashekar J. Laxman C Kumbar Chetan Dhange Nikhil Bhiste                                   | International<br>Journal<br>of Engineering<br>Research                                  | Vol-04<br>Issue-03<br>2016<br>ISSN -2321-7758                      | 3.4              | International              |

### > Papers Presented By Students in National /International Conference

| S N | Title  | Author(s)   | Name of the<br>Conference  | Venue &<br>Date of<br>Presentation  | ISBN<br>Number                        | National/<br>Internation<br>al |
|-----|--|---|--|---|---------------------------------------|--------------------------------|
| 1   | State of the art Light<br>weight Bio<br>composite Helmets<br>for children  | V. S. Umarani<br>S. K. Chougula                                     | RTME-2016  | VVPIE & T,<br>Solapur on<br>27- February-<br>2016   | ISBN-978-81-<br>928545-1-9,<br>Vol-02 | National                       |
| 2   | Fuel Saving By<br>Thermic Fluid Boiler   | Sagar. R. Sajjan  | NCETETA-2016   | DY Patil<br>CET,<br>Kolhapur, 30-<br>January-2016   |                                       | National                       |
| 3   | Evaluation of<br>Tensile Properties of<br>Aluminum- Silicate   | Ranjeet. A. D   | Make in India- An<br>Opportunity For<br>Engineering<br>Technologies-2016                                 | SGBIT,<br>Belagavi,<br>05,06-<br>February-<br>2016  | ISBN No.<br>978-93- 5254-<br>015- 0   | National                       |
| 4   | Experimental Investigation of Performance Analysis on VCR Di Diesel Engine Operated On Multi Blend Biodiesel   | Rakesh. A. Patil<br>Pavankumar. B                                   | International Conference on Innovative Trends in Science,Engineering and Management (ICITSEM-16)         | International<br>Conference<br>Centre<br>YMCA, New<br>Delhi ,27-<br>May-2016  | ISBN: 978-<br>81-932074-9-<br>9       | International                  |
| 5   | Performance Analysis Of Vcr Di Diesel Engine Operating On Renewable Multi Fuel   | Prathamesh B.N<br>Nilesh K. C                                       | International Conference on Innovative Trends in Science,Engineering and Management (ICITSEM-16)         | International<br>Conference<br>Centre<br>YMCA, New<br>Delhi ,27-<br>May-2016  | ISBN: 978-<br>81-932074-9-<br>9       | International                  |
| 6   | Development Of<br>Thermal Insulators<br>Based On Tamarind<br>Composites  | Mahantesh B R<br>Akshay R K<br>Anil S Shvapur,<br>Bharamagouda K    | International Conference on Innovative Trends in Science, Engineering and Management (ICITSEM-16)        | International<br>Conference<br>Centre<br>YMCA, New<br>Delhi ,27-<br>May-2016  | ISBN: 978-<br>81-932074-9-<br>9       | International                  |
| 7   | Experimental Investigation Of Performance And Emission Characterstics Of Variable Compression Ratio Di Diesel Engine Operating On Jatropha Biodiesel And Diesel Fuel | Ajey S. Udoshi,<br>Nagaraj B. K<br>Lagamanna B.K<br>Akash B. Pattar | 5th International<br>Conference on<br>Recent Innovations<br>in Science,<br>Engineering and<br>Management | Venkateshwa<br>ra Group of<br>Institutions,<br>Meerut<br>(U.P.), India<br>(ICRISEM-<br>16) 05th June<br>2016,<br>www.confere<br>nceworld.in | ISBN: 978-<br>81-932074-2-<br>0       | International                  |

#### **Awards Issued By Students**

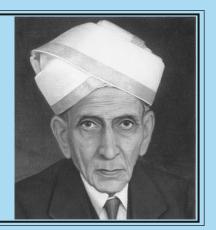
| SN | Title                                 | Author(s)      | Name of the<br>Organization | Award Issuing<br>Date | National/<br>State/College/<br>Inter college<br>level |
|----|---------------------------------------|----------------|-----------------------------|-----------------------|---|
| 1  | Most Active Praynee. [Chikodi Region] | Prashant Jogin | LEAD  Deshpande  Foundation | 15-Apl-2016           | State   |

#### National/ International Cultural Events <

| SN | Name of the student  | Name of the event                        | Venue  | Date   | prize        | National/<br>State/College/<br>Inter college<br>level |
|----|--|--|--|--|--------------|---|
| 1  | Anil B Mane Kashinath M Chavan Vinod Galatage Ravikiran Rudrapur Sagar R Sajjan Vinay Kumar Patil Praveen Totagi Rohit Dalawai | 16th VTU<br>Youth Festival<br>Chakravyuh | Alva's institute<br>of Engineering &<br>Technology,<br>Mudabidri | 07 <sup>th</sup> -08 <sup>th</sup><br>May-2016 | Participated | Inter college   |

"Hard work performed in a disciplined manner will in most cases keep the worker fit and also prolong his life."

\_Mokshagundam Visvesvarayya



### **Prize Winners Under AIMSS Activities**

| Event                  | USN        | Name of the Student   | Semester            | Division | Prizes                |
|------------------------|------------|-----------------------|---------------------|----------|-----------------------|
| Group                  | 2HN12ME023 | Mr. Desai. Ranajeet.  | 7 <sup>th</sup> Sem | A        | 1 <sup>st</sup> Prize |
| Discussion Competition | 2HN12ME089 | Mr. Sharang, R. M     | 7 <sup>th</sup> Sem | В        | 2 <sup>nd</sup> Prize |
|                        | 2HN14ME119 | Mr. Vitthal           | 4 <sup>th</sup> Sem | В        | 1 <sup>st</sup> Prize |
|                        | 2HN14ME120 | Mr. Yadravi. Rao. D   | 4 <sup>th</sup> Sem | В        | 1 11120               |
| Hobby Project          | 2HN15ME416 | Mr. Santosh. Raju. P  | 4 <sup>th</sup> Sem | A        | 2 <sup>nd</sup> Prize |
| Exhibition             | 2HN14ME024 | Mr. Bilal. A. K       | 4 <sup>th</sup> Sem | A        | 2 11120               |
| Competition            | 2HN13ME073 | Mr. Rahul. Raj        | 6 <sup>th</sup> Sem | В        | 3 <sup>rd</sup> Prize |
|                        | 2HN13ME010 | Mr. Amar. Tashildar   | 6 <sup>th</sup> Sem | A        | 3 T TIZC              |
|                        | 2HN14ME423 | Mr. Suraj. Dinakar. S | 6 <sup>th</sup> Sem | В        | Conciliation          |
|                        | 2HN12ME050 | Mr Mutturaj. Ilager   | 8 <sup>th</sup> Sem | A        |                       |
| Project                | 2HN12ME096 | Mr Shridhar. D        | 8 <sup>th</sup> Sem | В        | 1 <sup>st</sup> Prize |
| Exhibition             | 2HN12ME046 | Mr Manur. Mahesh      | 8 <sup>th</sup> Sem | A        | (Design Stream)       |
|                        | 2HN12ME015 | Mr Basavantappa. B    | 8 <sup>th</sup> Sem | A        |                       |
|                        | 2HN12ME110 | Mr Venkatesh Y. K     | 8 <sup>th</sup> Sem | В        |                       |
| Project                | 2HN12ME086 | Mr Santosh Terani     | 8 <sup>th</sup> Sem | В        | 1 <sup>st</sup> Prize |
| Exhibition             | 2HN12ME101 | Mr Subhash M G        | 8 <sup>th</sup> Sem | В        | ( Thermal)            |
|                        | 2HN12ME115 | Mr Vishal. Anil. P    | 8 <sup>th</sup> Sem | В        |                       |
|                        | 2HN13ME410 | Mr Nitish Munavalli   | 8 <sup>th</sup> Sem | A        |                       |
| Project                | 2HN12ME047 | Mr Modinsab. H. S     | 8 <sup>th</sup> Sem | A        | 1 <sup>st</sup> Prize |
| Exhibition             | 2HN13ME424 | Mr Suhel. Munir. M    | 8 <sup>th</sup> Sem | A        | (Production)          |
|                        | 2HN13ME419 | Mr Saddam. M          | 8 <sup>th</sup> Sem | A        |                       |

The way to build a nation is to build a good citizen.

The majority of the citizens should be efficient,

of good character and possess a

reasonable high sense of duty.

<u>Mokshagundam Visvesvarayya</u>





#### **Details of Industrial Visits**

| SN | Name of the Industry Visited                    | Date of<br>Visit              | Sem             | Coordinators   |
|----|---|-------------------------------|-----------------|--|
| 01 | Manugraph India Ltd, Shiroli MIDC,<br>Kolhapur  | 30 <sup>th</sup> Aug.<br>2015 | 3 <sup>rd</sup> | Prof. Sachin Mehta<br>Prof. G A Naik<br>Prof. B M Dodamani       |
| 02 | Supa Dam Power Project , Ganesh Gudi            | 26 <sup>th</sup> Oct.<br>2015 | 5 <sup>th</sup> | Prof. K M. Akkoli<br>Prof. M M. Shivashimpi<br>Mr. M S. Kurani   |
| 03 | East Coast Papers Mills, Dandeli                | 27 <sup>th</sup> Oct.<br>2015 | 5 <sup>th</sup> | Prof. K M. Akkoli<br>Prof. M M. Shivashimpi<br>Mr. M S. Kurani   |
| 04 | M/S JSW Steel Ltd, Village Toranagallu, Bellary | 30 <sup>th</sup> Oct<br>2015  | 7 <sup>th</sup> | Prof. U M Daivajnya<br>Prof. N M Ukkali<br>Prof. Jagadeesh Alkur |



### Faculty Academic Performance 2014-15

Faculty Members Who Have Achieved 100% RESULT IN VTU EXAMS (2014-15 EVEN SEM)

| Photo | Name of Faculty Subject                    |                                   | Sub Code | Sem             |
|-------|--|-----------------------------------|----------|-----------------|
|       | Prof. S. B. Awade                          | Tribology                         | 10ME831  | 8 <sup>th</sup> |
| 8     | Prof. B. M. Dodamani                       | Power Plant Engineering           | 10ME833  | 8 <sup>th</sup> |
|       | Prof. C. I. Ambiger Automotive Engineering |                                   | 10ME844  | 8 <sup>th</sup> |
|       | Prof. R. V. Nyamgoud                       | Power Plant Engineering           | 10ME833  | 8 <sup>th</sup> |
|       | Prof S. A. Goudadi                         | Operations Management             | 10ME81   | 8 <sup>th</sup> |
|       | Prof. N. M. Ukkali                         | Operations Management             | 10ME81   | 8 <sup>th</sup> |
|       | Prof. M. A. Hipparagi                      | Non-Traditional machining         | 10ME668  | 6 <sup>th</sup> |
|       | Prof. K. G. Ambli                          | Non-Traditional machining         | 10ME668  | 6 <sup>th</sup> |
|       | Prof. M. S. Futane                         | Computer Integrated Manufacturing | 10ME61   | 6 <sup>th</sup> |



## Faculty Academic Performance 2014-15

Faculty Members Who Have Achieved 100% RESULT IN V T U EXAMS (2015 -16 ODDSEM)

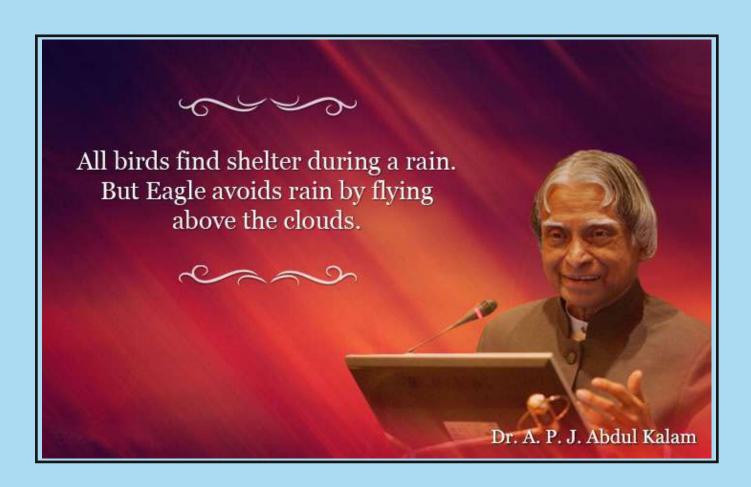
| Photo | Name of Faculty         | Subject                           | Sub Code | Sem             |
|-------|-------------------------|-----------------------------------|----------|-----------------|
|       | Prof. K. G. Ambli       | Product Life Cycle and Management | 10ME769  | 7 <sup>th</sup> |
|       | Prof. N. M. Ukkali      | Engineering Economics             | 10ME71   | $7^{ m th}$     |
|       | Prof. C. I. Ambiger     | Manufacturing Process -I          | 10ME35   | 3 <sup>rd</sup> |
|       | Prof. M. I. Tanodi      | CAMD                              | 10ME36A  | 3 <sup>rd</sup> |
|       | Prof. S. R. Kulkarni    | Manufacturing Process -I          | 10ME35   | 3 <sup>rd</sup> |
| 8     | Prof. H. S. Naik        | Hydraulics and Pneumatics         | 10ME73   | 7 <sup>th</sup> |
|       | Prof. A. M. Biradar     | Total Quality Management          | 10ME758  | 7 <sup>th</sup> |
|       | Prof. Jagadeesh. Alkur  | Non- conventional energy sources  | 10ME754  | 7 <sup>th</sup> |
|       | Prof. N. M. Ukkali      | Total Quality Management          | 10ME758  | 7 <sup>th</sup> |
|       | Prof. M. S. Futane      | Product Life Cycle and Management | 10ME769  | 7 <sup>th</sup> |
|       | Prof. M. A. Hipparagi   | Automation in Manufacturing       | 10ME757  | $7^{ m th}$     |
| 9     | Prof. A. M. Biradar     | Management and entrepreneurship   | 10AL51   | 5 <sup>th</sup> |
|       | Prof. M. I. Tanodi      | Manufacturing Process-III         | 10ME55   | 5 <sup>th</sup> |
|       | Prof. R. V. Nyamagoud   | Management and entrepreneurship   | 10AL51   | 5 <sup>th</sup> |
|       | Prof. M. M. Shivashimpi | Energy Engineering                | 10ME53   | 5 <sup>th</sup> |
|       | Prof. M. A. Hipparagi   | Manufacturing Process-III         | 10ME55   | 5 <sup>th</sup> |

### Seminars / Workshops / STTP / FDP Attended By Faculties

| S N | Name of the Faculty   | Seminar/Workshop/<br>STTP/FDP etc. | Topic   | Held at   | Date  |
|-----|-----------------------|------------------------------------|---|---|---|
| 1   | Prof. S A Mehta       | 3 Days FDP                         | Advances in Composite material and DOE                | Gogte institute of<br>Technology,<br>Belagavi                       | 29 <sup>th</sup> to 31 <sup>st</sup> July<br>2015       |
| 2.  | Prof. M S Futane      | 3 Days FDP                         | Mechatronics and Intelligent Systems                  | IIT, Chennai  | 27 <sup>th</sup> July to 1 <sup>st</sup><br>August 2015 |
| 3.  | Prof. G. A. NAik      | 3 Days FDP                         | Advanced materials and Manufacturing Technology       | BVBCET,<br>Hubballi   | 8 <sup>th</sup> to 10 <sup>th</sup><br>Oct 2015         |
| 4.  | Prof. Kushal. Ambli   | 3 Days FDP                         | Advanced materials and Manufacturing Technology       | BVBCET,<br>Hubballi   | 8 <sup>th</sup> to 10 <sup>th</sup><br>Oct 2015         |
| 5   | Prof. R.V. Nyamagoud  | 3 Days FDP                         | Computational Fluid Dynamics for Engineering Research | TKIT,<br>Warananagar  | 4 <sup>th</sup> to 6 <sup>th</sup><br>Dec. 2015         |
| 6   | Prof .Hareesh. Naik   | 3 Days FDP                         | Computational Fluid Dynamics for Engineering Research | TKIT,<br>Warananagar  | 4 <sup>th</sup> to 6 <sup>th</sup><br>Dec. 2015         |
| 7   | Dr. S. A. Alur        | 2 Days Workshop                    | Compact Heat Exchangers                               | PES College of<br>Engineering,<br>Bangalore                         | 21 <sup>st</sup> to 22 <sup>nd</sup><br>Dec. 2015       |
| 8   | Prof. S. A. Goudadi   | 1 Week STTP                        | Vibration monitoring and analysis using FET Analyzer  | Annasaheb Dange college of Engineering and Technology, Ashta        | 28 <sup>th</sup> Dec. to 1 <sup>st</sup> Jan. 2016      |
| 9   | Prof. A. M. Biradar   | 1 Week STTP                        | Vibration monitoring and analysis using FET Analyzer  | Annasaheb Dange college of Engineering and Technology, Ashta.       | 28 <sup>th</sup> Dec. to 1 <sup>st</sup> Jan. 2016      |
| 10  | Dr. S. A. Alur        | 2 Days Workshop                    | Compact Heat Exchangers for Aerospace Applications    | PES Institute of Technology, Bangalore.                             | 21 <sup>st</sup> to 22 <sup>nd</sup><br>Dec. 2015       |
| 11  | Prof. S. B. Awade     | 1 Week STTP                        | Computer aided engineering analysis                   | Don Bosco<br>college of<br>Engineering,<br>Goa.                     | 4 <sup>th</sup> to 8 <sup>th</sup><br>Jan. 2016         |
| 12  | Prof. N. M. Ukkali    | 1 Week STTP                        | Computer aided engineering analysis                   | Don Bosco<br>college of<br>Engineering,<br>Goa.                     | 4 <sup>th</sup> to 8 <sup>th</sup><br>Jan. 2016         |
| 13  | Prof. B. M. Dodamani  | 1 Week STTP                        | Computer aided engineering analysis                   | Don Bosco<br>college of<br>Engineering,<br>Goa.                     | 4 <sup>th</sup> to 8 <sup>th</sup><br>Jan. 2016         |
| 14  | Prof. T. S. Vandali   | 1 Week STTP                        | Computer aided engineering analysis                   | Don Bosco<br>college of<br>Engineering,<br>Goa.                     | 4 <sup>th</sup> to 8 <sup>th</sup><br>Jan. 2016         |
| 15  | Prof. M. A. Hipparagi | 2 Days Workshop                    | Recent trends in Nano-Technology                      | Alva's Institute<br>of Engineering<br>and Technology,<br>Moodbidri. | 18 <sup>th</sup> to 19 <sup>th</sup><br>Jan. 2016       |

#### Seminars / Workshops / STTP / FDP Attended By Faculties

| 16 | Prof. S. R. Kulakarni   | 2 Days Workshop | Recent trends in<br>Nano-Technology           | Alva's Institute<br>of Engineering<br>and Technology,<br>Moodbidri. | 18 <sup>th</sup> to 19 <sup>th</sup><br>Jan. 2016 |
|----|-------------------------|-----------------|---|---|---|
| 17 | Dr. S. A. Alur          | 2 Days Workshop | Recent trends in Nano-Technology and          |   | 18 <sup>th</sup> to 19 <sup>th</sup><br>Jan. 2016 |
| 18 | Dr. U. M .Diavagnya     | 2 Days Workshop | Recent trends in Nano-<br>Technology          | Alva's Institute<br>of Engineering<br>and Technology,<br>Moodbidri  | 18 <sup>th</sup> to 19 <sup>th</sup><br>Jan. 2016 |
| 19 | Prof. M. I. Tanodi      | 1 Day Workshop  | Lean Manufacturing and<br>Process Improvement | SGBIT,<br>Belagavi.   | 22 <sup>nd</sup> Jan. 2016                        |
| 20 | Prof. A. S. Reddy       | 1 Day Workshop  | Intellectual property rights and Management   | IISc, Bangalore.  | 17 <sup>th</sup> Feb. 2016                        |
| 21 | Prof. K. G. Ambli       | 2 Days Workshop | Introduction to Robotics                      | KLECET,<br>Chikodi.   | 11 <sup>th</sup> to 12 <sup>th</sup><br>Feb. 2016 |
| 22 | Prof. M. S. Futane      | 2 Days Workshop | Introduction to Robotics                      | KLECET,<br>Chikodi.   | 11 <sup>th</sup> to 12 <sup>th</sup><br>Feb 2016  |
| 23 | Prof. S. N. Toppannvar  | 3 Days Workshop | Green Technology and Sustainable Development  | SEIT, Panhala.  | 28 <sup>th</sup> to 30 <sup>th</sup><br>Jan. 2016 |
| 24 | Prof. M. M. Shivashimpi | 3 Days Workshop | Green Technology and Sustainable Development  | SEIT, Panhala.  | 28 <sup>th</sup> to 30 <sup>th</sup><br>Jan. 2016 |





### Technical Seminar Presented by Faculties

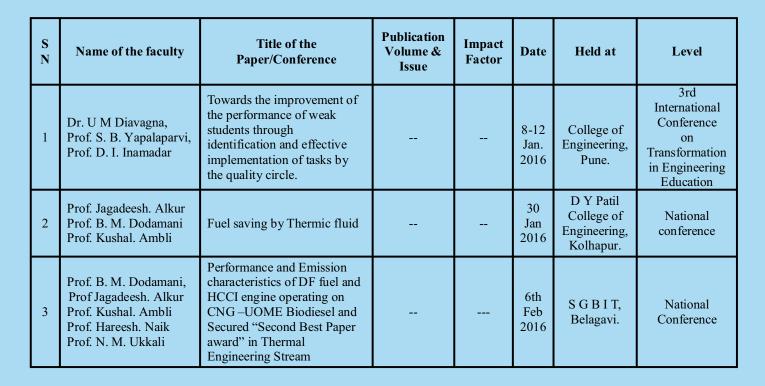


| SN | Name of the faculty     | Name of the seminar/workshop/S TTP/FDP etc. | Topic   | Held at         | Date                       |
|----|-------------------------|---|---|-----------------|----------------------------|
| 1  | Prof. S A Mehta         | Dept Level Seminar                          | Advances in Composite material and DOE                | HIT, Nidasoshi. | 15 <sup>th</sup> July 2015 |
| 2  | Prof. M S Futane        | Dept Level Seminar                          | Mechatronics and<br>Intelligent Systems               | HIT, Nidasoshi. | 15 <sup>th</sup> July 2015 |
| 3  | Prof. G. A. NAik        | Dept Level Seminar                          | Advanced materials and<br>Manufacturing<br>Technology | HIT, Nidasoshi. | 17 <sup>th</sup> Nov.2015  |
| 4  | Prof. Kushal. Ambli     | Dept Level Seminar                          | Advanced materials and Manufacturing Technology       | HIT, Nidasoshi. | 17 <sup>th</sup> Nov.2015  |
| 5  | Prof. R. V. Nyamagoud   | Dept Level Seminar                          | Computational Fluid Dynamics for Engineering Research | HIT, Nidasoshi. | 19 <sup>th</sup> Dec.2015  |
| 6  | Prof. Hareesh. Naik     | Dept Level Seminar                          | Computational Fluid Dynamics for Engineering Research | HIT, Nidasoshi. | 19 <sup>th</sup> Dec.2015  |
| 7  | Prof. S. A. Goudadi     | Dept Level Seminar                          | Vibration monitoring and analysis using FET Analyzer  | HIT, Nidasoshi. | 27 <sup>th</sup> Jan.2016  |
| 8  | Prof. A. M. Biradar     | Dept Level Seminar                          | Vibration monitoring and analysis using FET Analyzer  | HIT, Nidasoshi. | 27 <sup>th</sup> Jan.2016  |
| 9  | Prof. M. I. Tanodi      | Dept Level Seminar                          | Lean Manufacturing and<br>Process Improvement         | HIT, Nidasoshi. | 27 <sup>th</sup> Jan.2016  |
| 10 | Prof. S. B. Awade       | Dept Level Seminar                          | Computer aided engineering analysis                   | HIT, Nidasoshi. | 30 <sup>th</sup> Jan.2016  |
| 11 | Prof. N. M. Ukkali      | Dept Level Seminar                          | Computer aided engineering analysis                   | HIT, Nidasoshi. | 30 <sup>th</sup> Jan.2016  |
| 12 | Prof. B. M. Dodamani    | Dept Level Seminar                          | Computer aided engineering analysis                   | HIT, Nidasoshi. | 30 <sup>th</sup> Jan.2016  |
| 13 | Prof. T. S. Vandali     | Dept Level Seminar                          | Computer aided engineering analysis                   | HIT, Nidasoshi. | 30 <sup>th</sup> Jan.2016  |
| 14 | Prof. M. A. Hipparagi   | Dept Level Seminar                          | Recent trends in Nano-Technology                      | HIT, Nidasoshi. | 30 <sup>th</sup> Jan.2016  |
| 15 | Prof. S. R. Kulakarni   | Dept Level Seminar                          | Recent trends in Nano-Technology                      | HIT, Nidasoshi. | 30 <sup>th</sup> Jan.2016  |
| 16 | Dr. S. A. Alur          | Dept Level Seminar                          | Recent trends in Nano-<br>Technology                  | HIT, Nidasoshi. | 30 <sup>th</sup> Jan 2016  |
| 17 | Dr. U. M. Diavagnya     | Dept Level Seminar                          | Recent trends in Nano-<br>Technology                  | HIT, Nidasoshi. | 30 <sup>th</sup> Jan.2016  |
| 18 | Prof. M. M. Shivashimpi | Dept Level Seminar                          | Green Technology &<br>Sustainable Energy              | HIT, Nidasoshi. | 2 <sup>nd</sup> Feb.2016   |
| 19 | Prof. S. N. Toppannavar | Dept Level Seminar                          | Green Technology &<br>Sustainable Energy              | HIT, Nidasoshi. | 2 <sup>nd</sup> Feb.2016   |
| 20 | Dr. S. A. Alur          | Dept Level Seminar                          | "Compact Heat Exchangers for Aerospace Applications"  | HIT, Nidasoshi  | 12 <sup>th</sup> Feb.2016  |

#### **Details of Faculty PhD Registration**

| S N | Name of the faculty     | Area              | Name of Guide       | Research<br>Centre | University        | Date      |
|-----|-------------------------|-------------------|---------------------|--------------------|-------------------|-----------|
| 1   | Prof. S. B. Yapalaparvi | Surface Treatment | Dr. C. Y. Seemikeri | H I T<br>Nidasoshi | V T U<br>Belagavi | Jun.2015  |
| 2   | Prof. D. N. Inamdar     | Surface Treatment | Dr. C. Y. Simikkeri | H I T<br>Nidasoshi | V T U<br>Belagavi | Jun. 2015 |

#### Research Papers Published in Journals /Conferences by Faculties



"To give real service, you must add something which cannot be bought or measured with money."

\_Mokshagundam Visvesvarayya





| S<br>N | Author(s) Name   | Journal/Conference Name/ Publication Details/Citation  |  | International/<br>National/<br>State/Inter<br>college/College<br>Level |
|--------|--|--|--|--|
| 1      | Prof. A. S. Reddy  | Genetic algorithm based optimal design of fuzzy logic controller for Active magnetic Bearings                          | 3 <sup>rd</sup> International Conference<br>on Power, Control and<br>Embedded Systems                                  | International  |
| 2      | Prof. A. S. Reddy  | Design and Development of Magnetically Levitated vertical axis wind turbine.   | 3 <sup>rd</sup> International Conference<br>on Innovation in Mechanical<br>Engg, SIT, Lonavala,<br>Maharastra Jan 2015 | International  |
| 3      | Prof. K. M. Akkoli<br>Prof. B. M. Dodamani<br>Prof. Jagadeesh. Alkur<br>Prof. Ravi. C        | Design and construction of Food waste<br>Biogas plant for<br>Hostel Mess.  | International Journal of<br>Scientific Research and<br>Development   | International  |
| 4      | Prof. N. M. Ukkali, Prof. S.B. Yapalaparvi, Prof. B. M. Dodamani, Prof. M. A. Hipparagi      | Analysis of Damping coefficient of an Aluminium Composite for their damping characteristics using FEA.                 | International Journal of<br>Scientific research and<br>Development   | International  |
| 5      | Prof. R.V.<br>Nyamagoud  | Study of Characteristics Performance of VCR Engine for Different Fuels   | International Journal of<br>Engineering And Computer<br>Science  | International  |
| 6      | Prof. R.V.<br>Nyamagoud  | Study of Characteristics Performance of VCR Engine for Different Fuels   | International Conference in<br>Research methods in<br>Engineering and Technology                                       | International  |
| 7      | Prof. S. R. Kulkarni<br>Prof. R. V.<br>Nyamagoud<br>Prof. Harish. Naik<br>Prof. M. S. Futane | Fabrication of Portable Foot Operated<br>Agricultural Fertilizers and Pesticides<br>Spraying Pump                      | International Journal of<br>Engineering Research and<br>Technology   | International  |
| 8      | Dr. U. M. Daivagna   | Design and analysis of static stress for<br>leaf spring using photo elasticity and<br>numerical methods                | International Journal of<br>Engineering technology and<br>computer research  | International  |
| 9      | Dr. U. M. Daivagna   | Design and Stress Analysis of crank<br>shaft of four stroke diesel engine using<br>photo elasticity and FEA"           | IJRASET  | International  |
| 10     | Dr. U. M. Daivagna   | Justification Induces Stresses In<br>Connecting Rod of Two Stroke Petrol<br>Engine Using Photo Elasticity And<br>FEA". | IJETCR   | International  |
| 11     | Dr. U. M. Daivagna   | Stress Analysis of Piston of Two Stroke<br>Engine Using Photo Elasticity And<br>Numerical Methods.                     | IJETCR   | International  |
| 12     | Prof. Jagadeesh. Alkur<br>Prof. B. M. Dodamani<br>Prof. Kushal. Ambli                        | Fuel saving by Thermic fluid.  | 6th National conference on<br>Emerging trends in<br>engineering, Technology and<br>Architecture                        | National<br>Conference   |

| 13 | Dr. U. M. Diavagna,<br>Prof.S. B.Yapalaparvi<br>Prof.D. N. Inamadar  | Towards the improvement of the performance of weak students through identification and effective implementation of tasks by the quality circle. | 3 <sup>rd</sup> International conference<br>on Transformation in<br>Engineering Education   | International<br>Conference |
|----|--|---|---|-----------------------------|
| 14 | Prof. R.V. Nyamagoud   | Effect of Equivalence ratio on Flame structure and Stability.   | International conference on Energy, Environment and Engineering, ICEEE-2016   | International               |
| 15 | Prof. K M Akkoli   | Fuel analysis and Design of Downdraft gasifier for agriculture crops residues.  | International conference on Energy, Environment and Engineering, ICEEE-2016   | International               |
| 16 | Prof. B. M. Dodamani,<br>Prof Jagadeesh. Alkur<br>Prof. Kushal. Ambli<br>Prof. Hareesh. Naik<br>Prof. N. M. Ukkali | Performance and Emission characteristics of DF fuel and HCCI engine operating on CNG –UOME Biodiesel.   | National Conference on Make<br>In India- An opportunities for<br>emerging trends in<br>Engineering  | National<br>conference      |
| 17 | Prof. M. R. Ingalagi   | Experimental Investigation of Flow<br>Characteristics of Air in<br>Square Duct Using Delta Wing Vortex<br>Generators.                           | International Conference on<br>Recent Trends in Engineering<br>and Material science   | International<br>Conference |
| 18 | Prof. Haressh. Naik<br>Prof. Jagadeesh. Alkur<br>Prof. B. M. Dodamani<br>Prof. Kushal. Ambli                       | Performance and Emission characteristics of Multi- Cylinder DI Diesel engine operating on JOME and Diesel.                                      | International conference on Recent innovations in Engineering and Management(ICRIEM-2016) held at Dhananjay Group of Institutions Kolhapur during 23 <sup>rd</sup> March 2016 | International               |
| 19 | Prof. Haressh. Naik<br>Prof. Jagadeesh. Alkur<br>Prof. B. M. Dodamani<br>Prof. Kushal. Ambli                       | Performance and Emission characteristics of Multi- Cylinder DI Diesel engine operating on JOME and Diesel.                                      | International Journal of<br>Advance research in Science<br>and Engineering, volume 5,<br>Spl issue no 1, March 2016   | International               |
| 20 | Prof. S. A. Mehta<br>Prof. M. S. Futane  | OEE improvement through total production maintenance.   | International conference on Recent innovations in Engineering and Management(ICRIEM-2016) held at Dhananjay Group of Institutions Kolhapur during 23rd March 2016             | International               |
| 21 | Prof. S. A. Mehta<br>Prof. M. S. Futane  | OEE improvement through total production maintenance.   | International Journal of<br>Advance research in Science<br>and Engineering, volume 5,<br>Spl issue no 1, March 2016   | International               |
| 22 | Prof. S. A. Goudadi<br>Prof. S. R. Kulkarni<br>Prof. T. S. Vandali<br>Prof. A. M. Biradar                          | Design and fabrication of high efficient and low cost Electro- Magnetic drive car.  | International Journal of<br>Scientific Research and<br>Development. Vol3 Issue 6  | International               |

#### **Faculty as Resource Person**

| SN | Name of the Faculty     | Name of the<br>Seminar/workshop/STTP<br>/FDP etc.  | Held at  | Date                       |
|----|-------------------------|--|--|----------------------------|
| 1  | Dr. S A Alur            | Interviewer  | Biluru Gurubasava<br>mahaswamiji<br>Engineering college,<br>Mudhol | 4th to 6th July 2015       |
| 2  | Dr. S D Mane            | Mock Interview   | B C A College,<br>Nidasoshi  | 15th July 2015             |
| 3  | Prof. Kushal. Ambli     | As a Guest lecturer on topic Advanced Manufacturing practices for Automobile components. | Sant Gajanana<br>Maharaja Rural<br>Polytechnic, Mahagoan           | 25/01/2016                 |
| 4  | Prof. M. A. Hipparagi   | Jury member for National fest (Paper presentation)                                       | Annapoorna Institute of<br>Management Research,<br>Sankeshwar      | 18 <sup>th</sup> Feb 2016  |
| 5  | Prof. S. N. Toppannavar | Guest lecturer on "Smart<br>City and Sustainable<br>Development"                         | B C A College,<br>Nidasoshi  | 22 <sup>nd</sup> Feb 2016  |
| 6  | Prof. K. G. Ambli       | Jury member for<br>Project Exhibition.   | S J P N Polytechnic,<br>Nidasoshi                                  | 5 <sup>th</sup> April 2016 |
| 7  | Prof. M. I. Tanodi      | Jury member for Project Exhibition.  | S J P N Polytechnic,<br>Nidasoshi                                  | 5 <sup>th</sup> April 2016 |

#### Details of FDP/ STTP Organized

| SN | Topic                                       | Date of<br>Conduct                               | Resource Persons and<br>Address  | Program<br>Coordinators                       | Participants   |
|----|---|--|--|---|--|
| 01 | Advance Engine<br>Management System(Petrol) | 15 <sup>th</sup> to 16 <sup>th</sup><br>Apl-2016 | Mr. Prashik Kamble &<br>Team, Asst. Manager,<br>Hyndai motorsLltd,<br>Hyderabad, RTC | Prof. S N Topannavar<br>Prof. M M Shivashimpi | All 8 <sup>th</sup> A & B Div Students of Mechanical Engineering |

### **Skill Development for Technical Staff**

| SN | Name of The<br>Technical Staff | Name of the<br>Seminar/Workshop/<br>STTP/FDP etc. | Торіс                                   | Held at                                | Date                       |
|----|--------------------------------|---|---|--|----------------------------|
| 1  | Sri R. B. Kumbar               | 1 Week STTP                                       | Non-destructive<br>Testing              | Foreman Institute.<br>Bengaluru        | 30/11/2015 to<br>4/12/2015 |
| 2  | Sri M. B. Badiger              | 1 Week Training                                   | Preventive maintenance of machine tools | Advanced Training<br>Institute, Mumbai | 18/01/2016 to 22/01/2016   |
| 3  | Sri S. R. Nakadi               | 1 Week  | CATIA                                   | Advanced Training<br>Institute, Mumbai | 18/01/2016 to 29/01/2016   |
| 4  | Sri P. S. Gujar                | 1 Week  | CATIA                                   | Advanced Training<br>Institute, Mumbai | 18/01/2016 to 29/01/2016   |

### Seminars presented by Technical Staff

| SN | Name of The<br>Faculty | Name of the Seminar/workshop/STTP<br>/FDP etc. | Held at        | Date           |
|----|------------------------|--|----------------|----------------|
| 1  | Sri R. B. Kumbar       | Non-destructive Testing                        | HIT, Nidasoshi | 19th Dec. 2015 |
| 2  | Sri M. B. Badiger      | Preventive maintenance of machine tools        | HIT, Nidasoshi | 12th Feb. 2016 |
| 3  | Sri S. R. Nakade       | CATIA V5 R2014                                 | HIT, Nidasoshi | 11th Apl. 2016 |
| 4  | Sri P. S. Gujar        | CATIA V5 R2014                                 | HIT, Nidasoshi | 11th Apl. 2016 |

#### **KSCST Sponsored Projects**

| SN | Name of The Project   | Name of Guide       | Board | Name of the<br>Students | Sanctioned<br>Amount in<br>(Rs) | Date    |
|----|---|---------------------|-------|-------------------------|---------------------------------|---------|
| 1  | Design & Development of a Versatile Harvesting Machine.   | Prof. S. A. Goudadi | KSCST | Akshay K K              | 7000/-                          | 2015-16 |
| 2  | Treadmill Based Eco-Friendly Vehicle.   | Prof. M. S. Futane  | KSCST | Sachin M Hotkar         | 7500/-                          | 2015-16 |
| 3  | Windmill Multi Rotor Concept.   | Prof. Ravi. K .C    | KSCST | Riyajahamed I M         | 6000/-                          | 2015-16 |
| 4  | Performance & Emission Test on the C I Engine by Using Turmeric Oil as an Fuel Additive.  | Dr. S. A. Alur      | KSCST | Akash V. B              | 6000/-                          | 2015-16 |
| 5  | Design & Fabrication of Calorimeter for Impinging of Flame Jet.   | Prof.R.V. Nyamagoud | KSCST | Kiran C Ganiger         | 6000/-                          | 2015-16 |
| 6  | Flexible Seated Wheel Chair for<br>Physically Challenged (person don't<br>have both Legs) poor person (indoor &<br>outdoor Application with manually<br>powered lever Operated gear system &<br>shock absorbing Special designed<br>wheels) | Prof. M. I. Tanodi  | KSCST | Basavantappa B          | 4000/-                          | 2015-16 |
| 7  | Solar Energy for Cooking Using<br>Thermic Fluid   | Prof. K. M. Akkoli  | KSCST | Vivek Magadum           | 7000/-                          | 2015-16 |

### Students Placed during AY: 2015-16

| Name of the Company                      | Interview Venue  | Interview Date                                  | No. of Students<br>Selected |
|--|------------------|---|-----------------------------|
| Accenture, Bengaluru                     | HIT, Nidasoshi   | 21/11/2015                                      | 03                          |
| Arvind Motors Pvt Ltd, Bengaluru         | HIT, Nidasoshi   | 21/11/2015                                      | 40                          |
| Shriram Transport &<br>Finance Co. Ltd   | KLECET, Belagavi | 25 <sup>th</sup> & 26 <sup>th</sup> Feb<br>2016 | 01                          |
| Alpha Nine Marine Services,<br>Ahmedabad | HIT, Nidasoshi   | 06/04/2016                                      | 09                          |
|  |                  | Total   | 53                          |



#### **Students Placed during AY: 2015-16**





Adnan Mudebihal Accenture, Bengaluru



Vijay B. Kumbhar Accenture, Bengaluru



Swapnil A. Awate Accenture, Bengaluru



Nagaraj Kotagi Shriram Transport & Finance Co. Ltd



Nikhil M. Bhiste 1. Alpha Nine Marine Services, Ahmedabad 2. Arvind Motors Pvt Ltd, Bengaluru



Kiran C. Ganiger
Alpha Nine
Marine Services,
Ahmedabad



Gururaj.S.Katti Alpha Nine Marine Services, Ahmedabad



Akash.B.Pattar
1. Alpha Nine
Marine Services,
Ahmedabad
2. Arvind Motors
Pvt Ltd, Bengaluru



Sadanand Galatage Alpha Nine Marine Services, Ahmedabad



Amrut S. Dalavi Alpha Nine Marine Services, Ahmedabad



Saleem Malik Khaji Alpha Nine Marine Services, Ahmedabad



Vaibhav D.
Boraganve
Alpha Nine
Marine Services,
Ahmedabad



Vrushab R.Sajane
1. Alpha Nine
Marine Services,
Ahmedabad
2. Arvind Motors
Pvt Ltd, Bengaluru



Akash V.Bandodkar Arvind Motors Pvt Ltd, Bengaluru



Akashaykumar S. Patrot Arvind Motors Pvt Ltd, Bengaluru



Amitkumar B.
Mugali
Arvind Motors Pvt
Ltd, Bengaluru



Basavantappa S. Badiger Arvind Motors Pvt Ltd, Bengaluru



**Chandrashekhar S. Jakkannavar**Arvind Motors Pvt
Ltd, Bengaluru



Chetan B.
Dhange
Arvind Motors
Pvt Ltd,
Bengaluru



Chetan S. Khot Arvind Motors Pvt Ltd, Bengaluru



Ranjeet A. Desai Arvind Motors Pvt Ltd, Bengaluru



Mahantesh Rabakavi Arvind Motors Pvt Ltd, Bengaluru



Mahesh A. Danole Arvind Motors Pvt Ltd, Bengaluru



Manjunath Babu Narayankar Arvind Motors Pvt Ltd, Bengaluru



Modinasab H. Soundatti Arvind Motors Pvt Ltd, Bengaluru

### **Students Placed during AY: 2015-16**



Mutturaj Ilager Arvind Motors Pvt Ltd, Bengaluru



Nasir Azad Ghori Arvind Motors Pvt Ltd, Bengaluru



Omkar alias Yuvaraj M. Bore Arvind Motors Pvt Ltd, Bengaluru



Sourabh S.
Powar
Arvind Motors
Pvt Ltd,
Bengaluru



Praneel A.
Pattanshetti
Arvind Motors Pvt
Ltd, Bengaluru



**Pratap S. Ugale** Arvind Motors Pvt Ltd, Bengaluru



Pratik A.Hosure Arvind Motors Pvt Ltd, Bengaluru



Rahul C. Muragunde Arvind Motors Pvt Ltd, Bengaluru



Rakesh R. Menasi Arvind Motors Pvt Ltd, Bengaluru



Ramesh B. Baligar Arvind Motors Pvt Ltd, Bengaluru



Riyajahamed I. Mulla Arvind Motors Pvt Ltd, Bengaluru



Santosh K. Chougula Arvind Motors Pvt Ltd, Bengaluru



Shreyas R. Nalavade Arvind Motors Pvt Ltd, Bengaluru



Shridhar A.
Doddamani
Arvind Motors
Pvt Ltd,
Bengaluru



**Snehal S. Sonar** Arvind Motors Pvt Ltd, Bengaluru



Sukesh S. Sonnad Arvind Motors Pvt Ltd, Bengaluru



Vijay K. Redekar Arvind Motors Pvt Ltd, Bengaluru



Vishal A. Potadar Arvind Motors Pvt Ltd, Bengaluru



Vishwanath Mathapati Arvind Motors Pvt Ltd, Bengaluru



Vithal S. Umarani Arvind Motors Pvt Ltd, Bengaluru



Akshay Kakade Arvind Motors Pvt Ltd, Bengaluru



Prathamesh B.
Nagave
Arvind Motors Pvt
Ltd, Bengaluru



Rakesh A. Patil Arvind Motors Pvt Ltd, Bengaluru



Vijaykumar Marihal Arvind Motors Pvt Ltd, Bengaluru



Vinay Selennavar Arvind Motors Pvt Ltd, Bengaluru

#### **Photo Gallery**

#### Lectures by Experienced Faculties on Important Topics during Orientation Program



**Dr. S D Mane**Lecture on Students role and responsibilities



**Dr. U M Daivagna**Lecture on How to study well & improve result



**Prof. G.A. Naik**Lecture on Good manners, Attiquate & general behavior



**Prof. S.A. Mehta**Lecture on Industry relevancy in academic institutions



**Prof. A S Reddy**Lecture on Soft computing tools for mechanical engineers



Lecture on Computer aided engineering analysis"



Prof. Jagadeesh A Motivational Talk



**Prof. B M Dodamani** Motivational Talk

#### **FACULTY SEMINAR**



**Prof. S B Yapalaparvi**Lecture on "DOE & OT - 2015"



**Prof. D N Inamadar** Lecture on " DOE & OT - 2015"



**Prof. A S Reddy**Lecture on "Research Methodologies"



**Prof. M S Futane**Lecture on "Introduction to Robotics"



**Prof. R K Chitagokar** Lecture on Advanced IC Engines and Emission Control Techniques



Lecture on Computer aided engineering analysis"



**Prof. B M Dodamani** Lecture on Computer aided engineering analysis"



**Prof. A M Biradar** Seminar On Sustainable Energy Management

#### **FACULTY SEMINAR**



**Prof. G A NAik** "Advanced materials and Manufacturing Technology"



**Prof. K G Ambli** "Advanced materials and Manufacturing Technology"



**Prof. M A Hipparagi**Lecture on "Recent trends in Nano-Technology



**Prof. M I Tanodi**Lecture on Lean Manufacturing and Process Improvement



**Prof. M M Shivashimpi**Lecture on Green Technology and Sustainable Development



**Prof. M R Ingalagi**Seminar on Fluid Mechanics



**Prof. R V Nyamagoud**Lecture on Advanced IC Engines and Emission Control Techniques



**Dr. S A Alur**Lecture on "Recent trends in Nano-Technology

#### **FACULTY SEMINAR**



**Prof. S A Goudadi**Lecture on "Vibration monitoring and analysis using FET Analyzer"



**Prof. S B Awade**Lecture on Computer aided engineering analysis"



**Prof. S N Topannavar**Lecture on Advanced material and Nanotechnology for Research,



Prof. S. R. Kulkarni Lecture on Recent Trends in Nano Technology

#### Technical Supporting staff seminar



**Sri M B Badiger**STTP On Preventive maintenance of machine tools



**Sri P S Gujar** STTP On CATIA V5 R16



**Sri R B Kumbar**STTP On Non-destructive Testing



**Sri S R Nakadi** STTP On CATIA V5 R16



#### **Inauguration of AIMSS Activities2015-16**

Chief Guests Mr,. Devadas Narvekar senior Design Engineer TATA Motor Pune and Mrs Rakshana Narvekar Design Engineer Emersion Innovation Centere Pune













### Engineers Day celebration

















### Farewell function for final year students

Chief Guest Mr. Pramod Deshmukh, Head, Dept. of Self Development & Learning Asian Academy of Professional Training, Pune.

















### **Group Discussion Competition for Final Year Students**

















### HIT Quest 2015

#### National level Technical event paper presentation

Dr. Prasad S Rampure, Professor and Head Mechanical Engineering Department, KLE CET Chikkodi Prof.D BPatil Professor and Head Mechanical Engineering Department, Jain Engg college belagavi are the jury mebers of the event



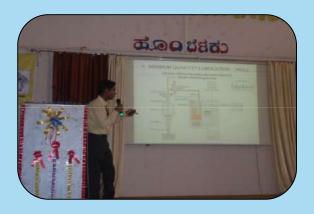














#### Faculty Orientation Program

# Special Talk on DUTY AND SINCERITY by Prin. Dr. B. M. Hirdekar

Former Controller of Examinations, Shivaji University, Kolhapur

&

#### Prin. Dr. H. V. Deshpande

Former Principal, Ajara Mahavidyalaya, Ajara













### Training and Placement Cell Activities in our Campus







### **Blood donation in our campus**



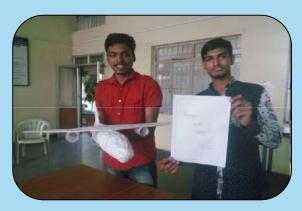




### **Hobby Projects Competition for students**













#### Industrial visit to "supa dam and power projects Ganeshgudi





# **Industrial Visit**







Industrial Visit at East Coast Papers Mills, Dandeli and JSW Plant Torangallu, Bellary







Manugraph India Limited, Shiroli MIDC Kolhapur

## Dr. Hea Hubb Knoor, Scientists of Netherlands are visited our Institute









### Project secured third place in Srusti 2016 Project Exhibition held at CMRIT Bengalore



" If a cluttered desk is a sign of a cluttered mind, of what, then, is an empty desk a sign"



- Albert Einstein

# Stake Holder Meeting Organized by the Department



























- Committee Members :-
- O Members Present:
- O Employers:
  - 1. Sri Uday Kamat & Sri Mihir Kamat, Proprietors, AIROCHEM Engineering Company, kolhapur
  - 2. Sri Uday Khandake, Proprietor, Konark Heat Services, Kagal
- O Parents:
  - 1. Sri Dawal Malik Hujare, Athani
  - 2. Sri Bhimagouda Chougala, Sankeshwar
- O Alumni:
  - 1. Mr. Devadas Narvekar, Senior Engineer (Design), Tata Technologies Limited, Tata Motors Limited, Engineering Research, Pune
  - 2. Mr. Sachin Magadum, Junior Engineer (Quality and Production), Vibs India Private Limited, Pune, Bhosari
- O Management:
  - Dr. N.C. Hiremath, Principal, HIT, Nidasoshi
- O Faculty Members:
  - 1. Prof. S.B. Yapalaparvi, HOD
  - 3. Dr. U.M. Daivagna, Chief NBA Coordinator
  - 5. Prof. S.N. Topannavar, Training & Placement Officer
  - 7. Prof. S.A. Mehta, Assistant Professor
- O Students' Representative:
  - Mr. Kiran Ganiger, VII SEM

- 2. Dr. S.A. Alur, PG Coordinator
- 4. Prof. D.N. Inamdar, Chief NBA Coordinator
- 6. Prof. G.A. Naik, Assistant Professor

## CATIA and Hypermesh software Training Program



Students Undergone CATIA and Hypermesh software Training Program by Aadishwarshanti Enterprise Bengaluru and Certificate Distribution Ceremony















One day workshop on Computational Fluid Dynamics conducted for students and Mr Vidyanand Kesti, Soecialist in CFD, Mann Hummel Filter Private Ltd Bengaluruis resource person





Technical seminar on "Information on Design and Simulation Software" by Experts from CAD Centre ,Belagavi









### **How to Achieve Excellence in Teaching and Training**



Interactive session on "How to achieve excellence in teaching and training the students"

By Sri Keerthishekhar



Technical Talk on Technical Seminar on "AUTOMATION AND ROBOTICS"









- 1. Mr. Gajanan B. Dewan, Director Samarthan System Private Linited, Pune and Wet Food Agro Products Private Limited, Pune.
- 2. Mr. Slim Mulla, CEO Samarthan System Private Limited, Pune and Wet Food Agro Products Private Limited, Pune.
- 3. Sachin Bhosale, Assistant Manager Samarthan System Private Limited, Pune and Wet Food Agro Products Private Limited, Pune.



### Two Days workshop on "Engine Management System"













Lecture on Personality Development and Personality Analysis to the Faculty Members

By Mr. Christian Roos from Germany



The Department Level Project Exhibition Competition for final Year Students
Sri Vitthal I Patil. Proprietor Marvellus, Metals Private LTD Kolhapur and Sri.S.B.Chavan General manager Production, Manugraph India Private LTD Kolhapur are yhe Jury members























## The Department Level Project Exhibition Competition Prize Winners



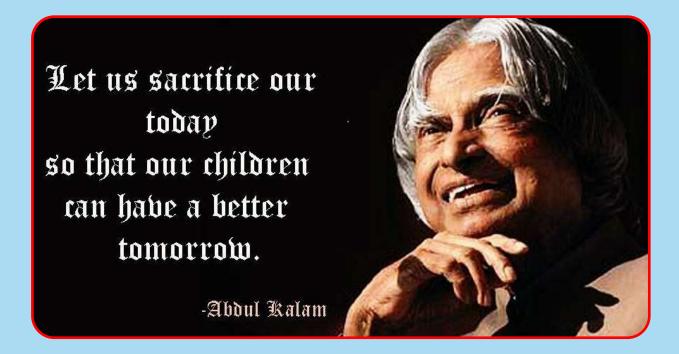
Best Project Award in Thermal Stream



Best project Award in Design Stream



Best project Award in Production Stream



President:

Dr. S. R. Mahajan

Chairman:

Prof. S. B. Yapalaparvi

Co-Ordinator:

Prof. S. R. Kulkarni Prof. M. M. Shivashimpi

## **AIMSS BOARD:**



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# Sir Visvesvaraya Mokshagundam

``Success in any profession or trade is due largely to the capacity individuality, integrity, Foresight, hardwork of the person who undertakes it and it depends on man's own exertions ``

