



S J P N Trust's

# Hirasugar Institute of Technology, Nidasoshi

*Inculcating Values, Promoting Prosperity*

Approved by AICTE, New Delhi, Permanently Affiliated to VTU Belagavi.

Recognized under 2(f) & 12 B of UGC Act, 1956

Accredited at 'A' Grade by NAAC & Programmes Accredited by NBA: CSE, ECE

Mech. Engg. Dept.

AIMSS

Activity Report

AY:2023-24

6

## Activity Report

| S.No.  | Title of the information  | Information in brief   |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
|--|---|--|-----------------------------|-----------------------------|---------------------|---------------------|------|---|------|-------|------|---|------|-------|-----|---|------|-------|-----|---|------|-------|-----|---|------|-------|------|---|------|-------|
| 1  | Identified Gap No/s.:   | 26   |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 2  | Activity Type:  | Seminar  |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 3  | Activity/Event Organizer/s or Coordinator/s:                            | Dr. S. N. Topannavar, Professor and HOD, Mechanical Engineering Department, HIT Nidasoshi  |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 4  | Title of the Activity/Event:  | Seminar on "Recent Trends in Mechanical Engineering"   |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 5  | Date:   | 04-12- 2023  |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 6  | Venue:  | Mechanical Seminar Hall  |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 7  | Objectives:   | <ol style="list-style-type: none"> <li>To provide basic advances in mechanical engineering and Informatics, applicable in practical life.</li> <li>To outline recent developments in industrial mechanical engineering and management and their scopes.</li> <li>To improve current mechanical engineering and make it more efficient than the current thermal engineering.</li> </ol>   |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 8  | Activity Outcomes:  | <ol style="list-style-type: none"> <li>Use the techniques, skills, and modern engineering tools necessary for mechanical engineering practices.</li> <li>Apply theory and established methods to solve complex mechanical engineering problems.</li> </ol>   |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 9  | Details of Resource Person/s with contact details:                      | Dr. Sunil Majagi, Senior R & D Professional with Product Development Expertise in Automotive, Aerospace and Manufacturing, Germany   |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 10   | Finance Management:   | Expenses incurred by the Department Association (AIMSS)  |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 11   | No. of participants   | Students: ( Boys = 33 Girls = 03), Staff: 10   |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 12   | Mapped POs, Weight-age assigned & %age of attainment: PO (Weight-age)   | <table border="1"> <thead> <tr> <th>PO mapped</th> <th>Weight-age assigned (1/2/3)</th> <th>%age of Attainment</th> <th>Level of attainment</th> </tr> </thead> <tbody> <tr> <td>PO1</td> <td>2</td> <td>85.1</td> <td>1.702</td> </tr> <tr> <td>PO2</td> <td>1</td> <td>85.1</td> <td>0.851</td> </tr> <tr> <td>PO3</td> <td>1</td> <td>85.1</td> <td>0.851</td> </tr> <tr> <td>PO5</td> <td>1</td> <td>85.1</td> <td>0.851</td> </tr> <tr> <td>PO8</td> <td>1</td> <td>85.1</td> <td>0.851</td> </tr> <tr> <td>PO12</td> <td>1</td> <td>85.1</td> <td>0.851</td> </tr> </tbody> </table> | PO mapped                   | Weight-age assigned (1/2/3) | %age of Attainment  | Level of attainment | PO1  | 2 | 85.1 | 1.702 | PO2  | 1 | 85.1 | 0.851 | PO3 | 1 | 85.1 | 0.851 | PO5 | 1 | 85.1 | 0.851 | PO8 | 1 | 85.1 | 0.851 | PO12 | 1 | 85.1 | 0.851 |
|  |   | PO mapped  | Weight-age assigned (1/2/3) | %age of Attainment          | Level of attainment |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
|  |   | PO1  | 2                           | 85.1                        | 1.702               |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
|  |   | PO2  | 1                           | 85.1                        | 0.851               |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
|  |   | PO3  | 1                           | 85.1                        | 0.851               |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
|  |   | PO5  | 1                           | 85.1                        | 0.851               |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| PO8  | 1   | 85.1   | 0.851                       |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| PO12   | 1   | 85.1   | 0.851                       |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 13   | Mapped PSOs, Weight-age assigned & %age of attainment: PSO (Weight-age) | <table border="1"> <thead> <tr> <th>PSO mapped</th> <th>Weight-age assigned (1/2/3)</th> <th>%age of Attainment</th> <th>Level of attainment</th> </tr> </thead> <tbody> <tr> <td>PSO1</td> <td>1</td> <td>85.1</td> <td>0.851</td> </tr> <tr> <td>PSO2</td> <td>1</td> <td>85.1</td> <td>0.851</td> </tr> </tbody> </table>   | PSO mapped                  | Weight-age assigned (1/2/3) | %age of Attainment  | Level of attainment | PSO1 | 1 | 85.1 | 0.851 | PSO2 | 1 | 85.1 | 0.851 |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
|  |   | PSO mapped   | Weight-age assigned (1/2/3) | %age of Attainment          | Level of attainment |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
|  |   | PSO1   | 1                           | 85.1                        | 0.851               |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| PSO2   | 1   | 85.1   | 0.851                       |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| <ol style="list-style-type: none"> <li>The activity mapped with PO1, PO2, PO3, PO5, PO8, and PO12 was found satisfactory with attainment levels of 1.702, 0.851, 0.851, 0.851, 0.851 and 0.851 against the mapped values during the impact analysis.</li> <li>The activity mapped with PSO1 and PSO2 was found satisfactory with attainment levels of 0.851 and 0.851 against the mapped value during the impact analysis</li> </ol> |   |  |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |
| 14   | Outcomes achieved/Impact analysis:                                      |  |                             |                             |                     |                     |      |   |      |       |      |   |      |       |     |   |      |       |     |   |      |       |     |   |      |       |      |   |      |       |



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Mech. Engg. Dept.

AIMSS

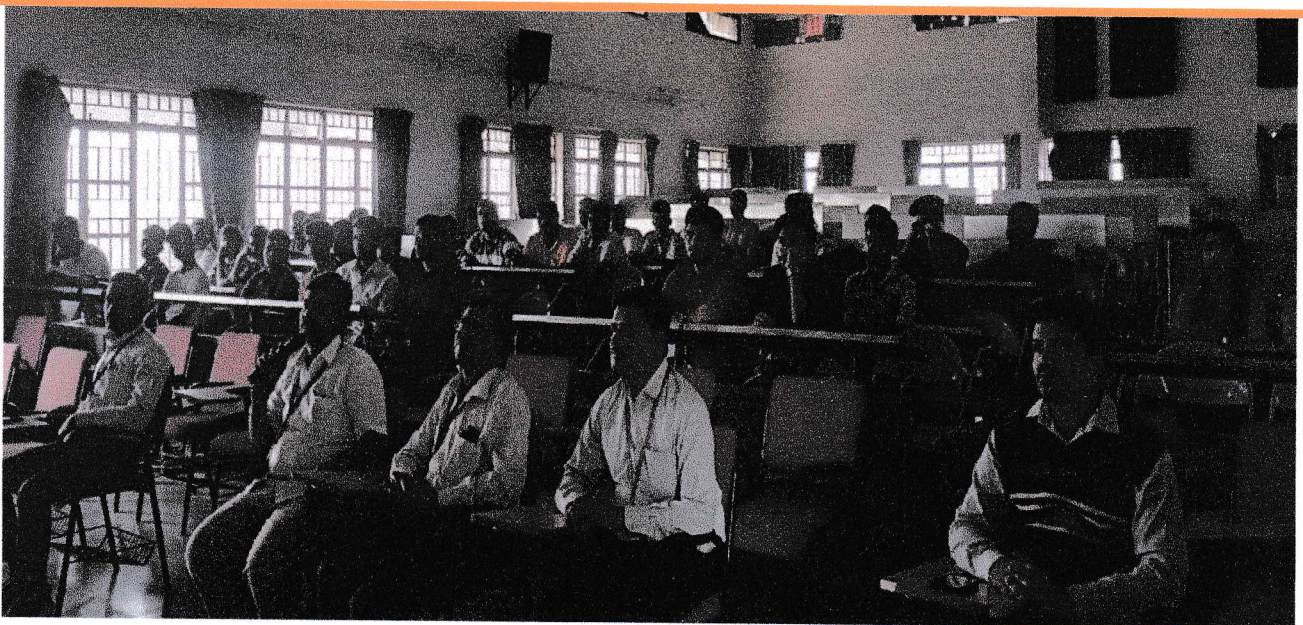
Activity Report

AY:2023-24


## Photo Gallery




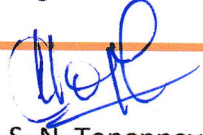
Dr. Sunil Majagi, Senior R & D Professional with Product Development Expertise in Automotive, Aerospace and Manufacturing, Germany is delivering Seminar on Recent Trends in Mechanical Engineering held on 14<sup>th</sup> December 2023.



Staff and students attended the Seminar on Recent Trends in Mechanical Engineering held on 14<sup>th</sup> December 2023.

  
Mr. Akash R. Anajapatil  
AIMSS Secretary

  
Dr. M. M. Shivashimpi & Prof. D. N. Inamdar  
AIMSS-Coordinator/s

  
Dr. S. N. Topannavar  
HOD

**Mechanical Engg.**  
**HIT, Nidasoshi**

Nidasoshi, Taq: Hukkeri, Dist: Belgaum, Karnataka - 591236  
Phone: +91-8333-278887, Fax: 278886, Web: [www.hsit.ac.in](http://www.hsit.ac.in) Mail: [principal@hsit.ac.in](mailto:principal@hsit.ac.in)



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Activities



AY: 2023-24



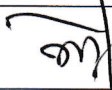


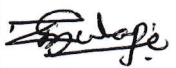



# Notice


Date: 02/12/2023


All the staff, third and fifth semester students are hereby informed to attend the Seminar on **"Recent Trends in Mechanical Engineering"** on 4<sup>th</sup> December 2023 at 11.30 AM in Mechanical seminar hall by Dr. Sunil Majagi, Senior R & D Professional with Product Development Expertise in Automotive, Aerospace and Manufacturing, Germany. Hence, all are cordially invited to attend the seminar.

### Circulation to

- i) III semester students 
- ii) V Semester Students 
- iii) Staff

|     |   |     |   |
|-----|---|-----|---|
| KMA |  | DNI |  |
| MSF |  | SAG |  |
| MMS |  | MAH |   |
| GMZ |  | PMK |  |
| VGB |  | ABS |  |

  
Dr. M. M. Shivashimpi & Prof. D.N. Inamdar  
AIMSS Coordinators

  
Dr. S. N. Topannavar  
HOD  
Mechanical Engg.  
HIT, Nidasoshi



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Mech Engg. Dept.

AIMSS

Activities

AY: 2023-24

**Date: 04-12-2023**

The following staff members are attended Seminar on “Recent Trends in Mechanical Engineering” organized on 04.12.2023 at 11. 30 AM in Mechanical Seminar Hall.

| Sl. No. | Name of Staff          | Designation         | Signature | Remark |
|---------|------------------------|---------------------|-----------|--------|
| 1       | Dr. S. N. Topannavar   | Professor and HOD   | CL        |        |
| 2       | Dr. K. M. Akkoli       | Associate Professor |           |        |
| 3       | Dr. M. M. Shivashimpi  | Associate Professor |           |        |
| 4       | Prof. D. N. Inamdar    | Assistant Professor |           |        |
| 5       | Prof. M .S. Futane     | Assistant Professor |           |        |
| 6       | Prof. S. A. Goudadi    | Assistant Professor |           |        |
| 7       | Prof. M. A. Hipparagi  | Assistant Professor |           |        |
| 8       | Prof. Girish Zulapi    | Assistant Professor |           |        |
| 9       | Prof. P. M. Kokatkar   | Assistant Professor |           |        |
| 10      | Shri. V. G. Badiger    | Foreman             |           |        |
| 11      | Shri. A.B. Sankeshwari | Foreman             |           |        |

Dr. M. M. Shivashimpi & Prof. D.N. Inamdar  
AIMSS Coordinators

Dr. K. M. Akkoli  
HOD  
Mechanical Engg.  
HIT, Nidasoshi

Date: 04/12/2023

**Student Attendance****Technical Talk:** Recent Trends in Mechanical Engineering**Sem:** V**Resource Person:** Dr. Sunil Majagi, Senior R & D Professional with Product Development Expertise in Automotive, Aerospace and Manufacturing, Germany

| R.No | STUDENT NAME             | VTU No.    | Contact No.     | e-mail ID                       | Signature |
|------|--------------------------|------------|-----------------|---------------------------------|-----------|
| 1    | Akash Bhovi              | 2HN21ME001 | 8904709295      | akbhovi45@gmail.com             |           |
| 2    | Kirti R Kambale          | 2HN21ME002 | 9538471654      | kirtikamble1155@gmail.com       |           |
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| 7    | Amit Harari              | 2HN22ME403 | 9731465108      | amitharari109@gmail.com         |           |
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| 14   | Kumar B Khanapuri        | 2HN22ME410 | 9353264561      | Khanapurikumar@gmail.com        |           |
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| 16   | Manikhant Sirasangi      | 2HN22ME412 | 9741539629      | Manips890@gmail.com             |           |
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| 20   | Nikil Desai              | 2HN22ME416 | 7483692114<br>8 | desain752@gmail.com             |           |
| 21   | Prathamesh R Sansuddi    | 2HN22ME417 | 9008353044      | sansuddiprathamesh4@gmail.com   |           |
| 22   | Praveen S Badkar         | 2HN22ME418 | 7349427523      | pbk657637@gmail.com             |           |
| 23   | Rahul B kanade           | 2HN22ME419 | 8549057975      | rahulkanade1998@gmail.com       |           |

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| 24 | Rahul V Raikar           | 2HN22ME420 | 9535570138 | rahulraikar242@gmail.com       |                  |
| 25 | Rahul R Khanapur         | 2HN22ME421 | 8431600923 | rahulkhanapur38@gmail.com      | <i>Rahul</i>     |
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| 28 | Sachin B Mali            | 2HN22ME424 | 9113908396 | malisachine801@gmail.com       | <i>Mali</i>      |
| 29 | Sachin B Karoshi         | 2HN22ME425 | 9071401964 | sachinekaroshi555@gmail.com    |                  |
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| 32 | Sandeep Heddurshetti     | 2HN22ME428 | 9008694559 | sandeeheddurshetti12@gmail.com | <i>Sandeep</i>   |
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| 44 | Vivek Nandagavi          | 2HN22ME440 | 8431817859 | vivek7829nandagavi@gmail.com   | <i>Vivek</i>     |
| 45 | Vrashabh R Galagi        | 2HN22ME441 | 7483167177 | vrshsbhgalagi8@gmail.com       |                  |

*[Signature]*  
Dr. M M Shivashimpi & Prof. D N Indamdar  
AIMSS Coordinators

*[Signature]*  
Dr. K.M.Akkoli

**HOD**  
**Mechanical Engg.**  
**HIT, Nidasoshi**



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Mech.Engg.Dept

AIMSS

STUDENT Attendance

AY:2023-24 (Odd)

Date: 04/12/2023

### Student Attendance

**Technical Talk:** Recent Trends in Mechanical Engineering

**Sem:** III

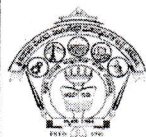
**Resource Person:** Dr. Sunil Majagi, Senior R & D Professional with Product Development Expertise in Automotive, Aerospace and Manufacturing, Germany

| R.No | STUDENT NAME        | VTU No.    | Contact No. | e-mail ID                     | Signature |
|------|---------------------|------------|-------------|-------------------------------|-----------|
| 1    | Laxmi Gulli         | 2HN22ME008 | 9036152373  | laxmiguilli04@gmail.com       |           |
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| 3    | Kirti Kamble        | 2HN21ME002 | 8748066366  | kirtikamble1155@gmail.com     |           |
| 4    | chetan Desai        |            | 7353955292  | chetandesai04@gmail.com       |           |
| 5    | Souabhi Kokitakar   |            | 7829259119  | souabhi.kokitakar@gmail.com   |           |
| 6    | Harshal S. Kabbwai  |            | 7353062111  | harshalskabbwai07@gmail.com   |           |
| 7    | Siddharth C. Piraji |            | 8722413076  | Siddharthpiraji0522@gmail.com |           |
| 8    | Rahul R. Kumbhar    |            | 7483451579  | rahulkumbhar1450@gmail.com    |           |
| 9    | Praveen C. Khot     |            | 9108656513  | Khotpraveen771@gmail.com      |           |
| 10   | Manish S. Kulagad   |            | 8217709770  | kulagadmanish@gmail.com       |           |
| 11   | Aasim S. Mulla      |            | 7411162343  | Mullaasim4@gmail.com          |           |
| 12   | Samir G. Gaddekar   |            | 7349339970  | gaddekar.samir@gmail.com      |           |
| 13   | Darshan A. Kulkarni |            | 9113939304  | darshankulkarni23@gmail.com   |           |
| 14   | Vinayak Kulkarni    |            | 6360058099  | vinayakkulkarni1404@gmail.com |           |
| 15   | Izazahemad I. Pyati |            | 8310437086  | izazahemad104@gmail.com       |           |
| 16   |                     |            |             |                               |           |

Dr. M M Shivashimpi & Prof. D N Indamdar  
AIMSS Coordinators

Dr. K.M.Akkoli

**HOD**  
Mechanical Engg.  
HIT, Nidasoshi



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Activities

Odd Semester

AY:2023-24

Ref. No: HSIT/NDS/Mech/2023-24/6

Date: 04-12-2023

## Certificate of Appreciation

We are extremely pleased to have you as a Resource Person for invited Technical Talk on “Recent Trends in Mechanical Engineering” held on 4<sup>th</sup> December 2023 at our Department. Your words have motivated our staff and students.

*K. M. Akkoli*  
4/12/23

Dr. K. M. Akkoli

**HOD  
Mechanical Engg.  
HIT, Nidasoshi**

To,  
Dr. Sunil Majagi,  
Senior R & D Professional  
With Product Development Expertise  
In Automotive, Aerospace and Manufacturing,  
Germany



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Feedback

AY:2023-24

## Online Feedback Sheet Summary

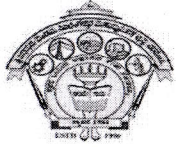
**Activity Name: Seminar on “Recent Trends in Mechanical Engineering”**

| Timestamp             | Name                  | USN        | Mobile number | E mail                            | Sem. | 1. Inclusive of Relevancy/National Interest in the Activity/trained content. | 2. Applicable/Helpful to build and lead the better career after the graduation | 3. Rate the resource person/s/Competency in the activity/event | 4. Your development/+ve change during the activity/event | 5. Overall motivation and inspiration received during the activity period | Total Points |
|-----------------------|-----------------------|------------|---------------|-----------------------------------|------|--|--|--|--|---|--------------|
| 12/4/2023<br>16:34:23 | Goutam Boragalli      | 2HN22ME408 | 8746998155    | goutamboragalli143@gmail.com      | V    | 1  | 1  | 1  | 1  | 1   | 5            |
| 12/4/2023<br>16:35:27 | Manikant P Shirasangi | 2HN22ME412 | 9741539629    | manips890@gmail.com               | V    | 8  | 10   | 9  | 9  | 10  | 46           |
| 12/4/2023<br>16:36:59 | Akshay Gadave         | 2HN22ME402 | 8880002203    | akshaynesari123@gmail.com         | V    | 10   | 10   | 10   | 10   | 10  | 50           |
| 12/4/2023<br>16:42:42 | Vinod                 | 2HN22ME439 | 6360643422    | vkhot280@gmail.com                | V    | 10   | 10   | 10   | 10   | 10  | 50           |
| 12/4/2023<br>16:51:27 | Sachin Mali           | 2HN22ME424 | 9113908396    | malisachin801@gmail.com           | V    | 9  | 10   | 9  | 10   | 9   | 47           |
| 12/4/2023<br>16:58:18 | Bhushan Chougala      | 2HN22ME407 | 8792332423    | chougalahushan76@gmail.com        | V    | 10   | 10   | 10   | 10   | 10  | 50           |
| 12/4/2023<br>17:10:24 | Akash Bhovi           | 2HN21ME001 | 9538471654    | akbhovi45@gmail.com               | V    | 8  | 9  | 6  | 7  | 6   | 36           |
| 12/4/2023<br>17:40:36 | Sandeep Heddurshetti  | 2HN22ME428 | 9008694559    | sandeepheddurshetti2910@gmail.com | V    | 10   | 9  | 10   | 10   | 9   | 48           |
| 12/4/2023<br>17:46:04 | Kirti Ramesh Kamble   | 2HN21ME002 | 8748066366    | kirtikamble1155@gmail.com         | V    | 9  | 10   | 9  | 10   | 10  | 48           |
| 12/4/2023<br>17:48:05 | Nagaraj Chougala      | 2HN22ME415 | 9731737122    | nagarajmchougala@gmail.com        | V    | 10   | 10   | 10   | 10   | 10  | 50           |
| 12/4/2023<br>17:54:46 | Vivek Nandagavi       | 2HN22ME440 | 8431817859    | Vivek7829nandagavi@gmail.com      | V    | 9  | 8  | 10   | 10   | 10  | 47           |
| 12/4/2023<br>17:58:56 | Rahul Khanapur        | 2HN22ME421 | 8431600923    | rahulkhanapur38@gmail.com         | V    | 5  | 10   | 9  | 10   | 10  | 44           |

Page 1 of 3

Nidasoshi, Taq: Hukkeri, Dist: Belgaum, Karnataka - 591 236  
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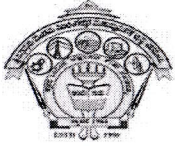
Activities

Feedback

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| Date/Time             | Name                      | ID         | Phone      | Email                             | V | 8  | 8  | 8  | 9  | 7  | 40 |
|-----------------------|---------------------------|------------|------------|-----------------------------------|---|----|----|----|----|----|----|
| 12/4/2023<br>18:02:31 | Prathamesh Sansuddi       | 2HN22ME417 | 9008353044 | sansuddiprathamesh4@gmail.com     | V | 8  | 8  | 8  | 9  | 7  | 40 |
| 12/4/2023<br>18:32:30 | Abhishek Bevinakoppamath  | 2HN22ME400 | 8197360660 | abhibevinakoppamath@gmail.com     | V | 10 | 10 | 10 | 10 | 10 | 50 |
| 12/4/2023<br>18:48:46 | Basavaraj M Balekundri    | 2HN22ME405 | 6360177645 | bassumbalekundri@gmail.com        | V | 10 | 10 | 10 | 10 | 10 | 50 |
| 12/4/2023<br>18:50:02 | Mallikarjun Shettnavar    | 2HN21ME003 | 8073117211 | shettnavarmallikarjun07@gmail.com | V | 9  | 8  | 8  | 10 | 9  | 44 |
| 12/4/2023<br>18:57:46 | Vinay Hiremath            | 2HN22ME438 | 9482937683 | vinayhiremath7064@gmail.com       | V | 9  | 8  | 10 | 9  | 9  | 45 |
| 12/4/2023<br>19:26:04 | Vrashabh Galagi           | 2HN22ME441 | 7483167177 | vrashabhgalagi8@gmail.com         | V | 10 | 10 | 10 | 10 | 10 | 50 |
| 12/4/2023<br>19:47:36 | Kumar B Khanapuri         | 2HN22ME410 | 9353264561 | khanapurikumar@gmail.com          | V | 9  | 9  | 10 | 10 | 10 | 48 |
| 12/4/2023<br>20:33:20 | Satej                     | 2HN22ME010 | 9420776837 | satejmagdum01@gmail.com           | V | 7  | 6  | 9  | 7  | 7  | 36 |
| 12/4/2023<br>20:56:59 | Akash Patil               | 2HN22ME401 | 9108745577 | akashrajanaje3@gmail.com          | V | 9  | 10 | 9  | 9  | 8  | 45 |
| 12/4/2023<br>21:46:49 | Anup Malaj                | 2HN22ME404 | 6363093072 | anupmalaj7@gmail.com              | V | 5  | 4  | 6  | 6  | 7  | 28 |
| 12/5/2023<br>9:08:56  | Sohil Mulla               | 2HN22ME433 | 7406238192 | mullasohil76@gmail.com            | V | 4  | 6  | 5  | 6  | 5  | 26 |
| 12/7/2023<br>10:09:59 | Manjunath Mugali          | 2HN22ME413 | 8431426087 | manjunathmugali8@gmail.com        | V | 10 | 10 | 9  | 10 | 10 | 49 |
| 12/7/2023<br>10:10:12 | Someshwar Madyali         | 2HN22ME434 | 7337631571 | sommadyali@gmail.com              | V | 10 | 9  | 10 | 9  | 9  | 47 |
| 12/7/2023<br>10:10:42 | Supreet G Heddurshetti    | 2HN22ME435 | 7026377055 | supreetheddurshetti@gmail.com     | V | 9  | 10 | 9  | 10 | 9  | 47 |
| 12/7/2023<br>10:10:51 | Goutam Bongale            | 2HN22ME409 | 8310497589 | bongalegoutam@gmail.com           | V | 10 | 10 | 10 | 10 | 10 | 50 |
| 12/7/2023<br>10:10:55 | Ramagouda Paragouda Patil | 2HN22ME423 | 8431339592 | ramagoudapatil101@gmail.com       | V | 10 | 8  | 7  | 7  | 7  | 39 |
| 12/7/2023<br>10:12:25 | Raju Yaduri               | 2HN22ME422 | 9980614941 | rajuyaduri05@gmail.com            | V | 8  | 8  | 8  | 8  | 8  | 40 |
| 12/7/2023             | Praveen Badakar           | 2HN22ME418 | 7349427523 | pbbk657637@g                      | V | 10 | 10 | 1  | 10 | 10 | 41 |





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|                       |                       |            |            |                                 |   |    |    |    |    |    |             |  |
|-----------------------|-----------------------|------------|------------|---------------------------------|---|----|----|----|----|----|-------------|--|
| 10:12:47              | -                     |            |            | mail.com                        |   |    |    |    |    |    |             |  |
| 12/7/2023<br>10:13:46 | Vinay                 | 2HN22ME437 | 9019322138 | vinaytaradale2002@gmail.com     | V | 8  | 9  | 10 | 9  | 8  | 44          |  |
| 12/7/2023<br>10:14:00 | Mallikarjun I Badiger | 2HN22ME411 | 9591853912 | mallikarjunbadiger055@gmail.com | V | 9  | 8  | 10 | 9  | 9  | 45          |  |
| 12/7/2023<br>11:37:37 | Swapnil Sutar         | 2HN22ME012 | 8088240230 | swapusutar16750@gmail.com       | V | 8  | 9  | 10 | 7  | 8  | 42          |  |
| 12/7/2023<br>11:37:58 | Sohan                 | 2HN22ME005 | 9902021012 | sohanbavache2003@gmail.com      | V | 10 | 10 | 10 | 10 | 10 | 50          |  |
| 12/7/2023<br>11:38:11 | Vaishnavi Shirasangi  | 2HN22ME014 | 7411727197 | vaishushirasangi03@gmail.com    | V | 8  | 8  | 9  | 10 | 10 | 45          |  |
| 12/7/2023<br>12:06:23 | Manoj Giddali         | 2HN22ME414 | 9731638532 | manojgiddali4@gmail.com         | V | 1  | 2  | 3  | 4  | 1  | 11          |  |
| <b>Total Points</b>   |                       |            |            |                                 |   |    |    |    |    |    | <b>1533</b> |  |

Mr. Mr. Akash R. Anajepatil  
AIMSS Secretary

Dr. M. M. Shivashimpi & Prof. D. N. Inamdar  
AIMSS-Coordinator/s

Dr. S. N. Topannavar

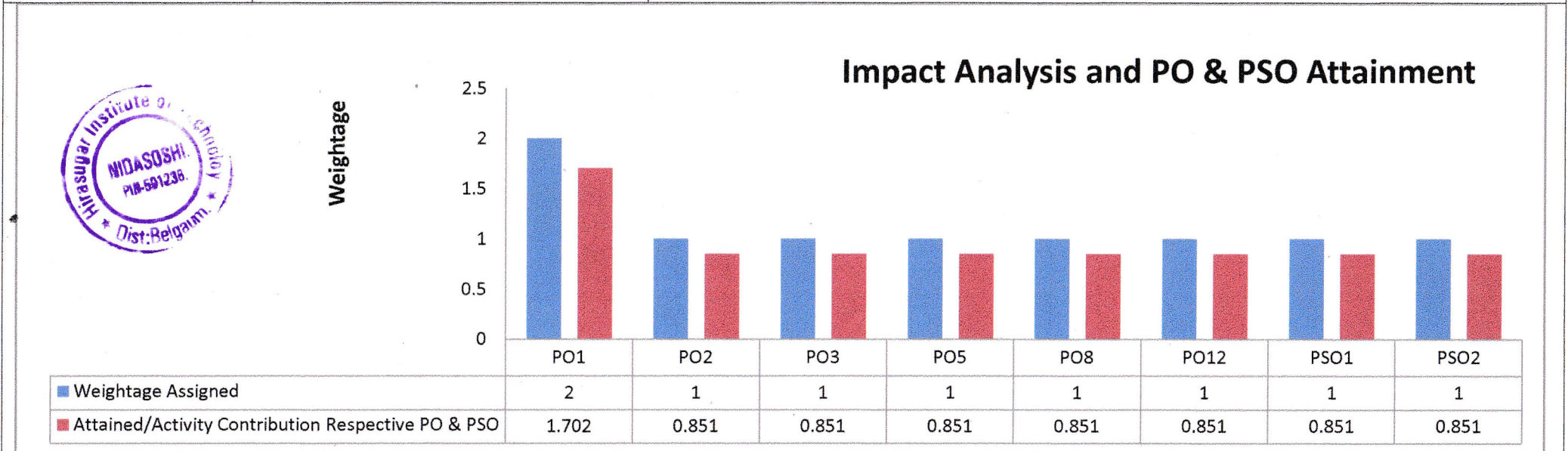
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**Mechanical Engg.**  
**HIT, Nidasoshi**



## Impact Analysis and PO & PSO Attainment

|   |  |
|---|--|
| <b>Activity Name:</b> Seminar on Recent Trends in Mechanical Engineering<br><b>No. of Respondents (N):</b> 36 | <b>Grand Total Points given by all respondents (T):</b> 1533<br><b>Impact Coefficient (IC=0-1):</b> Here, $IC = T / (N * 50) = 1533 / (36 * 50) = 0.851$ |
|---|--|

| Mapped PO/s | Weightage Assigned (1/2/3) | PO Attained/Activity Contribution to the respective PO (IC*Weightage Assigned) |
|-------------|----------------------------|--|
| PO1         | 2                          | 1.702  |
| PO2         | 1                          | 0.851  |
| PO3         | 1                          | 0.851  |
| PO5         | 1                          | 0.851  |
| PO8         | 1                          | 0.851  |
| PO12        | 1                          | 0.851  |
| PSO1        | 1                          | 0.851  |
| PSO2        | 1                          | 0.851  |





## Justification:

### 1. Justification for Mapping of POs & PSOs

| Mapped POs/ PSOs | Weightage | Justification   |
|------------------|-----------|---|
| PO1              | 2         | This activity moderately highlights the engineering knowledge of inventions include smart sensors, predictive maintenance, 3D printing, augmented reality, and the Internet of Things (IoT).  |
| PO2              | 1         | This activity highlights Mechanical engineers often tackle challenges like designing energy-efficient systems, ensuring product reliability, adapting to rapidly evolving technology, meeting safety and regulatory standards, and balancing cost-effectiveness with performance.                                     |
| PO3              | 1         | This activity highlights most prominent trends in mechanical engineering is the adoption of automated manufacturing engineering technology like robotics, 3D printing, computer-aided manufacturing, etc. These technologies enable faster, more efficient, and more accurate manufacturing than traditional methods. |
| PO5              | 1         | This activity focuses on new technologies emerge that reshape the future of mechanical engineering. Artificial intelligence, advanced robotics, 3D printing and sustainable design are just some of the big trends influencing the field today.   |
| PO8              | 1         | This activity highlights the development of technology often outpaces the creation of governmental rules and regulations. As a result, mechanical engineers must rely on their own judgment to make ethical decisions when designing, developing, testing and licensing new products.                                 |
| PO12             | 1         | This activity focuses on presenting the broad range of current and future applications that involve advanced Technology in mechanical engineering and software tools. The knowledge of these topics is helpful for the design and analysis of mechanical systems.   |
| PSO1             | 1         | This activity highlights current mechanical engineering and makes it more efficient than the current mechanical engineering by applying recent technology.  |
| PSO2             | 1         | This activity highlights the design of mechanical components and analyzes its components to provide the optimum solutions.  |





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Impact Analysis on Feedback

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2. The activity mapped with PO1, PO2, PO3, PO5, PO8, and PO12 was found satisfactory with attainment levels of 1.702, 0.851, 0.851, 0.851, 0.851 and 0.851 against the mapped values during the impact analysis.
3. The activity mapped with PSO1 and PSO2 was found satisfactory with attainment levels of 0.851 and 0.851 against the mapped value during the impact analysis.

**Conclusion:** The activity was organized to fulfill the program outcomes of engineering knowledge, problem analysis, design/development of solutions, Modern tool usage, Ethics and lifelong learning.

**Future Suggestions:** The students exposure on new technologies emerge that reshape the recent trends in mechanical engineering. Artificial intelligence, advanced robotics, 3D printing and sustainable design are just some of the big trends influencing the field today.

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