


| | | |
|--|--|--------------------------|
|  | S J P N Trust's Hirasugar Institute of Technology, Nidasoshi Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME. | Mech. Engg. Dept. |
| | | AIMSS |
| | | Activity Report |
| | | AY:2021-22 |

Activity Report

| S.No. | Title of the information | Information in brief | | | |
|-------|---|--|-----------------------------|--------------------|---------------------|
| 1 | Identified Gap No/s.: | 2 & 14 | | | |
| 2 | Activity Type: | Technical Talk | | | |
| 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: | Technical Talk on "Design Thinking" | | | |
| 5 | Time: | 01.00 PM to 02.00 PM | | | |
| | Date: | 19-03- 2022 | | | |
| 6 | Venue: | Mechanical Seminar Hall | | | |
| 7 | Objectives: | 1. To appreciate the importance of innovation and design thinking process in the scenario of technological aspects. 2. To realize the basic concepts of innovative ideas and methods to convert into a product. 3. To understand and applications of the design thinking process and its relevant tools. | | | |
| 8 | Activity Outcomes: | 1. Understand the people/society's needs. 2. Collaborate with others across engineering/other disciplines, skill sets, and perspectives. 3. Innovative idea in noticeable form for evaluation, and 4. Conceptualizing and testing the solutions to problems as per the human needs. | | | |
| 9 | Details of Resource Person/s with contact details: | Mr. Pralhad Kulkarni, Agile Project management Office Transformation Consultant, Bosch Global Software Technologies, Private Limited Bangalore Mobile: 9986704305 | | | |
| 10 | Finance Management: | Expenses incurred by the Department Association (AIMSS) | | | |
| 11 | No. of participants | Students: 20, Staff: 11 | | | |
| 12 | Mapped POs, Weight-age assigned & %age of attainment: PO (Weight-age) | PO mapped | Weight-age assigned (1/2/3) | %age of Attainment | Level of attainment |
| | | PO1 | 2 | 99.9 | 1.998 |
| | | PO2 | 3 | 99.9 | 2.997 |
| | | PO3 | 3 | 99.9 | 2.997 |
| | | PO4 | 2 | 99.9 | 1.998 |
| | | PO6 | 2 | 99.9 | 1.998 |
| | | PO7 | 2 | 99.9 | 1.998 |
| | | PO8 | 2 | 99.9 | 1.998 |
| | | PO9 | 3 | 99.9 | 2.997 |
| | | PO10 | 3 | 99.9 | 2.997 |
| | | PO11 | 3 | 99.9 | 2.997 |
| | | PO12 | 1 | 99.9 | 0.999 |
| 13 | Outcomes achieved/Impact analysis: | The activity mapped with PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10, PO11, and PO12 was found satisfactory with attainment levels of 1.998, 2.997, 2.997, 1.998, 1.998, 1.998, 1.998, 2.997, 2.997, 2.997 and 0.999 against the mapped values during the impact analysis. | | | |



Photo Gallery



Mr. Pralhad Kulkarni, Agile Project management Office Transformation Consultant, Bosch Global Software Technologies, Private Limited Bangalore interacting with students on occasion of Technical Talk on "Design Thinking" held on 19th March 2022.



Staff and students are attended the Technical Talk on Design Thinking held on 19th March 2022 held on 19th March 2022.

Dr.S.N.Topannavar
Course & Event Coordinator

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

Dr.S.C.Kamate

PRINCIPAL

Hirasugar Institute of Technology
Nidasoshi- 591 236





Activity Brochure

Activity: Technical Talk on “Design Thinking”

| Date-Time & Venue: | 19 th March 2022- 01:00pm @ Mechanical seminar Hall | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|-----------|-------------------|-----------------------------|----|-----------------------|---|----|------------------|---|----|---------------------------------|---|----|--|---|----|--------------------------|---|----|--------------------------------|---|----|--------|---|----|--------------------------|---|----|---------------|---|----|--------------------------------|---|----|-------------------|---|
| Resource Person | Mr. Pralhad Kulkarni, Agile Project management Office Transformation Consultant, Bosch Global Software Technologies, Private Limited Bangalore | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Participants: | Mandatory for third semester students and faculty | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Event Designer & Coordinator | Dr. S. N. Topannavar, Professor and HOD, Mechanical Engineering Department, HIT Nidasoshi | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Objectives: | 1. To appreciate the importance of innovation and design thinking process in the scenario of technological aspects. 2. To realize the basic concepts of innovative ideas and methods to conversion in to a product. 3. To understand and applications of the design thinking process and its relevant tools. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Program Outcomes: (POs)-Attainment Weight age (Low as 1-High as 3): | <table border="1"> <thead> <tr> <th>PO Mapped</th><th>Particulars of PO</th><th>Weight-age assigned (1/2/3)</th></tr> </thead> <tbody> <tr><td>01</td><td>Engineering knowledge</td><td>2</td></tr> <tr><td>02</td><td>Problem analysis</td><td>3</td></tr> <tr><td>03</td><td>Design/development of solutions</td><td>3</td></tr> <tr><td>04</td><td>Conduct investigations of complex problems</td><td>2</td></tr> <tr><td>06</td><td>The engineer and society</td><td>2</td></tr> <tr><td>07</td><td>Environment and sustainability</td><td>2</td></tr> <tr><td>08</td><td>Ethics</td><td>2</td></tr> <tr><td>09</td><td>Individual and team work</td><td>3</td></tr> <tr><td>10</td><td>Communication</td><td>3</td></tr> <tr><td>11</td><td>Project management and finance</td><td>3</td></tr> <tr><td>12</td><td>Lifelong learning</td><td>1</td></tr> </tbody> </table> | | PO Mapped | Particulars of PO | Weight-age assigned (1/2/3) | 01 | Engineering knowledge | 2 | 02 | Problem analysis | 3 | 03 | Design/development of solutions | 3 | 04 | Conduct investigations of complex problems | 2 | 06 | The engineer and society | 2 | 07 | Environment and sustainability | 2 | 08 | Ethics | 2 | 09 | Individual and team work | 3 | 10 | Communication | 3 | 11 | Project management and finance | 3 | 12 | Lifelong learning | 1 |
| PO Mapped | Particulars of PO | Weight-age assigned (1/2/3) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | Engineering knowledge | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 | Problem analysis | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 | Design/development of solutions | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | Conduct investigations of complex problems | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06 | The engineer and society | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | Environment and sustainability | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 | Ethics | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09 | Individual and team work | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Communication | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Project management and finance | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Lifelong learning | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Organized by AIMSS-Activity Coordination teams | 1. Dr.S.N.Topannavar 2. Dr.K.M.Akkoli 3. Prof. D.N. Inamadar 4. Dr.M.M.Shivasimpi 5. Prof.S.A.Goudadi 6. M. S. Futane 7. Prof. M.A.Hipparagi 8. Prof.M.I.Tanodi 9. Prof.G. M. Zulpi | 10. Miss ArchanaGulli, V Sem-SR (Girl) 11. Mr. VinayakBadiger, V Sem-SR (Boy) 12. Miss. SumitraShinde, VII Sem-SR (Girl) 13. Mr.NikhilNandagaon, VII Sem-SR (Boy) 14. III Sem SRs (Girl & Boy) 15. STTs (Students) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Dr. S. N. Topannavar
Course & Event Coordinator

Prof.D.N.Inamadar & Dr.M.M.Shivasimpi
AIMSS Coordinators

Dr. S. N. Topannavar

Dr. S.C. Kamate

HOD

PRINCIPAL

Mechanical Engg.
HIT, Nidasoshi

Hirasugar Institute of Technology
Nidasoshi- 591 236

Nidasoshi-591 236, Taq: Hukkeri, Dist: Belagavi, Karnataka, India.

Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in, E-mail: hod.mech@hsit.ac.in Page | 1



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi

Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.

Accredited at 'A' Grade by NAAC

Programmes Accredited by NBA: CSE, ECE, EEE & ME

Mech. Engg. Dept.

AIMSS

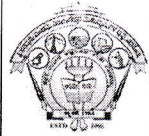
Activities

AY:2021-22

Copy to Staff Circulation, NB and third semester class room:

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

| Class | Signature |
|--------------|-----------|
| III semester | |



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi
Inculcating Values, Promoting Prosperity
 Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.
Accredited at 'A' Grade by NAAC
Programmes Accredited by NBA: CSE, ECE, EEE & ME.

Mech Engg. Dept.
 AIMSS
 Activities
 2021-22 (Odd)

The following staff members are attended invited technical talk on "Design Thinking" organized on 19th March 2022 at 10.00 am in Mechanical Seminar Hall.

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

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

Dr. S. N. Topannavar
 HOD



Attendance Sheet

Date: 09-03-2022

Event: Technical Talk on “Design Thinking” at 10.00 am

Resource person: Mr. Pralhad Kulkarni, Bosch Global Software Technologies, Private Limited Bengaluru

Sem:III

| R.No | STUDENT NAME | USN | Signature |
|------|-------------------------|------------|-----------|
| 1 | AKASH RAJU PATIL | 2HN20ME001 | |
| 2 | BASAVARAJ G KAMBAR | 2HN20ME002 | |
| 3 | GONDHALI ATHARV SHANKAR | 2HN20ME003 | |
| 4 | KAUSHIK SHIVAKALE | 2HN20ME004 | |
| 5 | PRAMOD B AMMANAGI | 2HN20ME005 | |
| 6 | SANGAMESH K SURAPPAGOL | 2HN20ME006 | |
| 7 | YOGESH R DHANWADE | 2HN20ME007 | |
| 8 | ABDULRAHIM B KAZI | Diploma | |
| 9 | AKASH ASHOK BADIGER | Diploma | |
| 10 | AKASH P MADIHALLI | Diploma | |
| 11 | AKSHAY MAHADEV CHABBI | Diploma | |
| 12 | MALIKJAN MUJAWAR | Diploma | |
| 13 | NITISH RAVINDRA BANI | Diploma | |
| 14 | RAHUL D MANGASULE | Diploma | |
| 15 | RAHUL M NADESHWAR | Diploma | |
| 16 | SACHIN S PUJERI | Diploma | |
| 17 | SHIVAPRABHU PATROT | Diploma | |
| 18 | SHIVARAJ B NEELAKANTH | Diploma | |
| 19 | SHRINATH G SOOJI | Diploma | |
| 20 | YASH RAMESH MANE | Diploma | |

HOD
Mechanical Engg.
HIT, Nidasoshi



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi
Inculcating Values, Promoting Prosperity
Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.
Accredited at 'A' Grade by NAAC
Programmes Accredited by NBA: CSE, ECE, EEE & ME.

Mech Engg. Dept.

AIMSS

AY: 2021-22

Ref. No: MED/HSIT/NDS/ 41 /2021-22

Date: 19-03-2022

Certificate of Appreciation

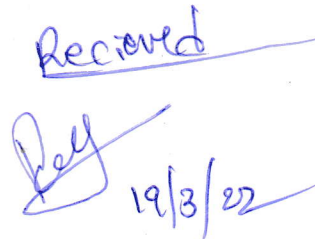
We are extremely pleased to have you as a Resource Person for invited
Technical Talk on “**Design Thinking**” held on 19th March 2022 at our
Department. Your words have motivated our staff and students.



19/03/2022

Dr. S. N. Topannavar


HOD
Mechanical Engg.
HIT, Nidasoshi

To,
Mr. Pralhad Kulkarni,
Bosch Global Software Technologies,
Private Limited Bengaluru


19/3/22

| | | |
|---|--|------------------|
|  | S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME | Mech. Engg. Dept |
| | | Activities |
| | | Feedback |
| | | 2021-22 (Odd) |

FEEDBACK

| | | | | |
|---|---|--|--------------------------------|-------------------------|
| Title of the Activity: Technical Talk on "Design Thinking" | | | | |
| Gap No.: 2414 | Mapped POs 1,2,3,4,6,7,8 9,10,11 & 12 | POs Weightage 2,3,3,2,2,2, 2,3,3,3,4,1 | Mapped PSOs — | PSOs Weightage — |
| Date/Duration: 19-03-2022 | | | Venue: Mechanical Seminar Hall | |
| Note: Solicit your response in numeric (10 points:Excellent-0 point: Not Good) | | | | |
| S.No. | Parameter | | | Numeric Response (0-10) |
| 1 | Inclusive of Relevancy/National Interest in the Activity/trained content | | | 10 |
| 2 | Applicable/Helpful to build and lead the better career after the graduation | | | 10 |
| 3 | Rate the resource person/s/Competency in the activity/event | | | 10 |
| 4 | Your development/+ve change during the activity/event | | | 10 |
| 5 | Overall motivation and inspiration received during the activity period | | | 10 |
| Total points | | | | 50 |
| Write your comments on activity/event organization (All Arrangements such as Hospitality, Logistics, and Hall etc.): | | | | |
| <div style="text-align: right;">  Signature of the Participant </div> | | | | |



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi
Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.
Accredited at 'A' Grade by NAAC
Programmes Accredited by NBA: CSE, ECE, EEE & ME.

Mech. Engg. Dept.

Activities

Impact Analysis on Feedback

AY:2021-22

Impact Analysis and PO Attainment

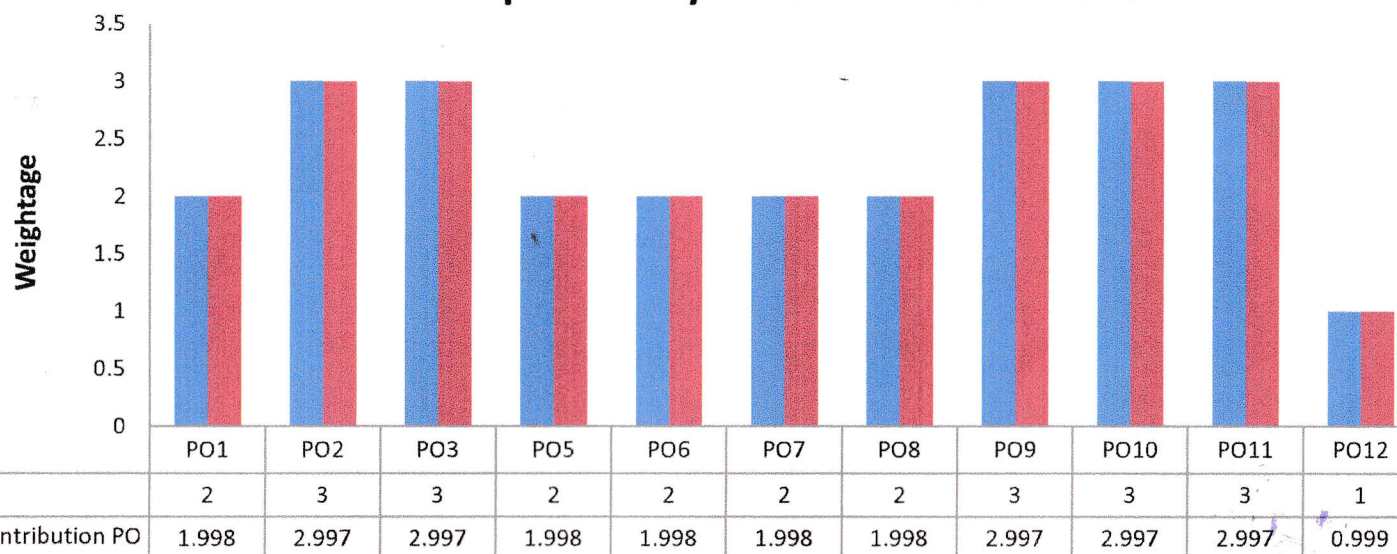
Activity Name: Technical Talk on Design Thinking
No. of Respondents (N): 20

Grand Total Points given by all respondents (T): 999
Impact Coefficient (IC=0-1): Here, $IC = T / (N * 50) = 999 / (20 * 50) = 0.999$

| Mapped PO/s | Weightage Assigned (1/2/3) | PO Attained/Activity Contribution to the respective PO (IC*Weightage Assigned) |
|-------------|----------------------------|--|
| PO1 | 2 | 1.998 |
| PO2 | 3 | 2.997 |
| PO3 | 3 | 2.997 |
| PO5 | 2 | 1.998 |
| PO6 | 2 | 1.998 |
| PO7 | 2 | 1.998 |
| PO8 | 2 | 1.998 |
| PO9 | 3 | 2.997 |
| PO10 | 3 | 2.997 |
| PO11 | 3 | 2.997 |
| PO12 | 1 | 0.999 |



Impact Analysis and PO Attainment



Justification:

1. Justification for Mapping of POs & PSOs

| Mapped POs/ PSOs | Weightage | Justification |
|------------------|-----------|--|
| PO1 | 2 | This activity moderately helps to develop an understanding of the fundamental elements such as Problem-solving, critical thinking, creativity, leadership, collaboration, and communication in design thinking projects. |
| PO2 | 3 | This activity substantially highlights the problem-solving approach which has the intention to improve products. |
| PO3 | 3 | This activity substantially highlights a wide number of potential solutions and then narrows these down to |



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi
 Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi.
 Accredited at 'A' Grade by NAAC
 Programmes Accredited by NBA: CSE, ECE, EEE & ME.

Mech. Engg. Dept.

Activities

Impact Analysis on Feedback

AY:2021-22

| | | |
|------|---|--|
| | | the best fit solution. |
| PO4 | 2 | This activity moderately helps to understand the use of the research tool for the iterative process, identify alternative strategies and create innovative solutions for the prototype. |
| PO6 | 2 | This activity allows high-impact solutions to social problems for clients and consumers to solve society-related problems. |
| PO7 | 2 | This activity accelerates the opportunity to investigate design alternatives and minimize the environmental, social, and economic impacts of their product. |
| PO8 | 2 | This activity highlights ethical values such as Trust, honesty, responsibility, respect, and fairness to create harmony and professionalism in teams, which in turn leads to project success. |
| PO9 | 3 | This activity highlight encourages collaboration, flexibility, curiosity, and positivity, creating excellent teams and positively influencing the outcome to find the solutions that best project. |
| PO10 | 3 | This activity highlights the manage their teams and coordinating efforts to bring about successful prototyping and testing through open communication. |
| PO11 | 3 | This activity involves a better understanding of their end-users to develop insight and direction for the task at hand and resources managed include personnel, finances, technology, and intellectual property. |
| PO12 | 1 | This activity highlights helps the solving critical global problems or tackling micro-level projects, visualization reveals key themes and patterns |

2. The activity mapped with PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10, PO11, and PO12 was found satisfactory with attainment levels of 1.998, 2.997, 2.997, 1.998, 1.998, 1.998, 1.998, 2.997, 2.997, 2.997 and 0.999 against the mapped values during the impact analysis.

Conclusion: The activity is organized to fulfill the program outcomes engineering knowledge, problem analysis, design/development of solutions, conduct investigations of complex problems, engineering and society, Environment and sustainability, Ethics, Individual and teamwork, Communication, Project management, and finance and lifelong learning.

Future Suggestions: Ideas, research innovations, and incubation cell activities help to promote the innovation and design thinking process.

Dr.S.N.Topannavar
Course & Event Coordinator

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

Hirasugar Institute of Technology
 Nidasoshi- 591 236