



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi*Inculcating Values, Promoting Prosperity*

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

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Mech. Engg. Dept.

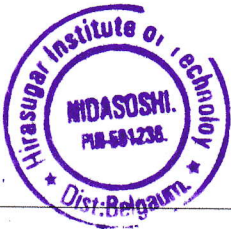
AIMSS

Activities

AY:2023-24

Activity Report**Activity: One Day Workshop on "Design Thinking"**

2

Sl. No.	Title of the information	Information in brief																																																												
1	Identified Gap No/s.:	27																																																												
2	Activity Type:	Career Guidance																																																												
3	Date-Time & Venue	2 nd September 2023-10:00 AM To 01:00 PM @ Mechanical seminar Hall																																																												
4	Resource Person	Dr. S. N. Topannavar, BOSCH IACC, IDT Course Coordinator and Professor & Head, Mechanical Engineering Department																																																												
5	Targeted Participants	IV Semester Mechanical Engineering Department																																																												
6	Event Designer	Dr. S. N. Topannavar, IACC-BOSCH and Professor & Head, Mechanical Engineering Department																																																												
7	Event Coordinator	Dr. S. N. Topannavar, Professor & Head, Mechanical Engineering Dept.																																																												
8	Objectives	1. To learn, apply and practice steps & methods for design thinking. 2. To appreciate the importance of innovation and design thinking process in the scenario of technological aspects. 3. To realize the basic concepts of innovative ideas and methods to conversion in to a product. 4. To understand and application of the design thinking process and its relevant tools. 5. To understand relevancy and innovations for nation development. 6. To model the business by understanding the market.																																																												
9	Outcomes	1. Steps and methods for design thinking. 2. Design thinking process in the scenario of technological aspects. 3. Basic concepts of innovative ideas and methods to conversion in to a product. 4. Design Thinking tools and applications. 5. Relevancy and innovations for nation development. 6. Modelling of business.																																																												
10	Finance Management	Expenses incurred by the Department Association (AIMSS)																																																												
11	No. of Participants	Boys: 26 & Girls: 01																																																												
12	Mapped POs ,Weight-age assigned & %age of attainment : PO (Weight-age) 	<table><tr><th>PO,s & PSO's mapped</th><th>Weight-age assigned (1/2/3)</th><th>%age of Attainment</th><th>Level of attainment</th></tr><tr><td>PO1</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO2</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO3</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO4</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO6</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO7</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO8</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO9</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO10</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO11</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PO12</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PSO1</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PSO2</td><td>3</td><td>82.5</td><td>0.825</td></tr><tr><td>PSO3</td><td>3</td><td>82.5</td><td>0.825</td></tr></table>	PO,s & PSO's mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment	PO1	3	82.5	0.825	PO2	3	82.5	0.825	PO3	3	82.5	0.825	PO4	3	82.5	0.825	PO6	3	82.5	0.825	PO7	3	82.5	0.825	PO8	3	82.5	0.825	PO9	3	82.5	0.825	PO10	3	82.5	0.825	PO11	3	82.5	0.825	PO12	3	82.5	0.825	PSO1	3	82.5	0.825	PSO2	3	82.5	0.825	PSO3	3	82.5	0.825
PO,s & PSO's mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment																																																											
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13	Outcomes achieved/Impact analysis:	1. The activity mapped with PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10, PO11, and PO12 was found satisfactory with attainment levels of 2.47, 2.47, 2.47, 2.47, 2.47, 2.47, 2.47, 2.47, 2.47, 2.47 and 2.47 against the mapped values during the impact analysis.																																																												



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

Phone: +91-8333-278887, Fax: 278886, Web: www.hsit.ac.in, E-mail: principal@hsit.ac.in



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Mech. Engg. Dept.

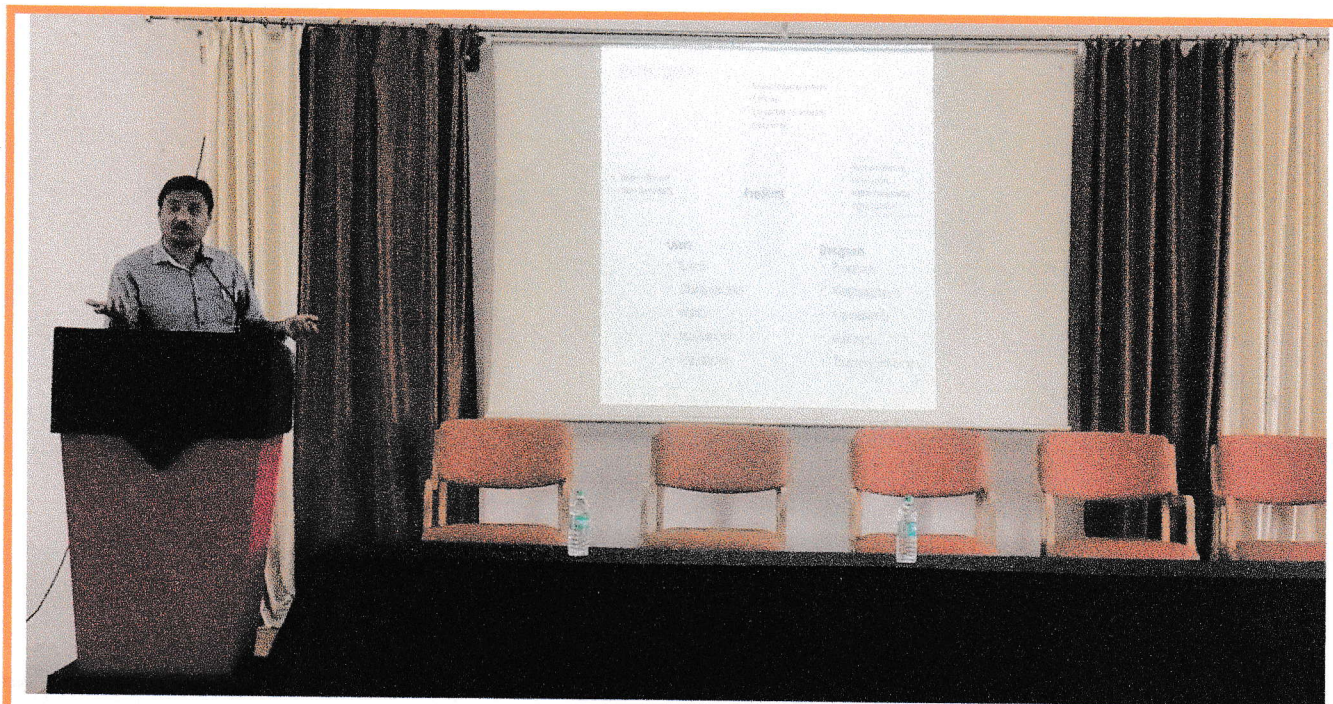
AIMSS

Activities

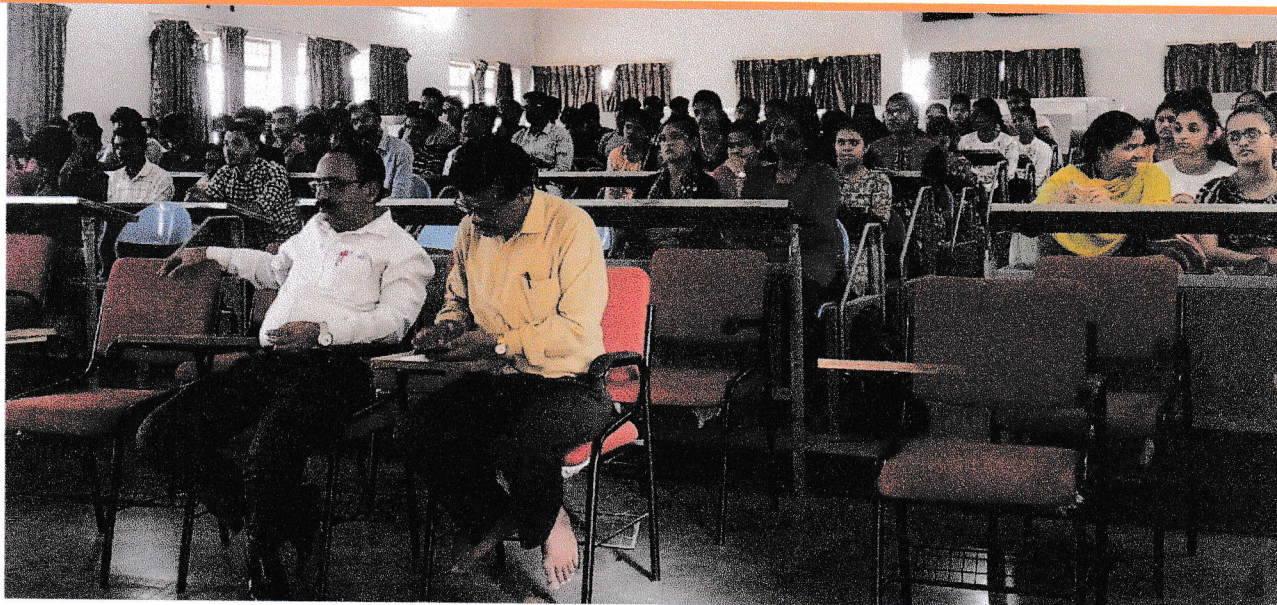
AY:2023-24

2. The activity mapped with PSO1, PSO2 and PSO3 was found satisfactory with attainment levels of 2.47, 2.47 and 2.47 against the mapped value during the impact analysis.


Photo Gallery




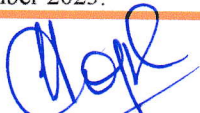
Dr. S. N. Topannavar, BOSCH IACC, IDT Course Coordinator and Professor & Head, Mechanical Engineering Department is interacting with students on occasion of one day workshop on Design Thinking held on 2nd September 2023.



Staff and students are attended a one day workshop on Design Thinking held on 2nd September 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-591 236, Taq: Hukkeri, Dist: Belagavi, Karnataka, India.
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AIMSS

Activities

AY:2023-24

Activity Brochure**Activity: One Day Workshop on "Design Thinking"**

Date-Time & Venue	2 nd September 2023-10:00 AM To 01:00 PM @ Mechanical seminar Hall																																														
Resource Person	Dr. S. N. Topannavar, BOSCH IACC, IDT Course Coordinator and Professor & Head, Mechanical Engineering Department																																														
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Event Coordinators	Dr. S. N. Topannavar, Professor & Head, Mechanical Engineering Department																																														
Objectives	<ol style="list-style-type: none"> 1. To learn, apply and practice steps & methods for design thinking 2. To appreciate the importance of innovation and design thinking process in the scenario of technological aspects. 3. To realize the basic concepts of innovative ideas and methods to conversion in to a product. 4. To understand and application of the design thinking process and its relevant tools. 5. To understand relevancy and innovations for nation development 6. To model the business by understanding the market 																																														
Program Outcomes & Program Specific Outcomes (POs and PSOs) Mapping Weightage (Low as 1-High as 3)	<table border="1"> <thead> <tr> <th>PO's/PSO's</th><th>Particular</th><th>Weight-age</th></tr> </thead> <tbody> <tr><td>PO1</td><td>Engineering knowledge</td><td>3</td></tr> <tr><td>PO2</td><td>Problem analysis</td><td>3</td></tr> <tr><td>PO3</td><td>Design/development of solutions</td><td>3</td></tr> <tr><td>PO4</td><td>Conduct investigations of complex problems</td><td>3</td></tr> <tr><td>PO6</td><td>The engineer and society</td><td>3</td></tr> <tr><td>PO7</td><td>Environment and sustainability</td><td>3</td></tr> <tr><td>PO8</td><td>Ethics</td><td>3</td></tr> <tr><td>PO9</td><td>Individual and team work</td><td>3</td></tr> <tr><td>PO10</td><td>Communication</td><td>3</td></tr> <tr><td>PO11</td><td>Project management and finance</td><td>3</td></tr> <tr><td>PO12</td><td>Lifelong learning</td><td>3</td></tr> <tr><td>PSO1</td><td>Able to apply the basic principles of Mechanical Engineering in various practical fields to solve societal problems by engaging themselves in many state/national level projects.</td><td>3</td></tr> <tr><td>PSO2</td><td>Able to analyze and design basic mechanical system using relevant tools and techniques.</td><td>3</td></tr> <tr><td>PSO3</td><td>Able to resolve contemporary issues of industries through industry institute interaction and alumni social networks.</td><td>3</td></tr> </tbody> </table>		PO's/PSO's	Particular	Weight-age	PO1	Engineering knowledge	3	PO2	Problem analysis	3	PO3	Design/development of solutions	3	PO4	Conduct investigations of complex problems	3	PO6	The engineer and society	3	PO7	Environment and sustainability	3	PO8	Ethics	3	PO9	Individual and team work	3	PO10	Communication	3	PO11	Project management and finance	3	PO12	Lifelong learning	3	PSO1	Able to apply the basic principles of Mechanical Engineering in various practical fields to solve societal problems by engaging themselves in many state/national level projects.	3	PSO2	Able to analyze and design basic mechanical system using relevant tools and techniques.	3	PSO3	Able to resolve contemporary issues of industries through industry institute interaction and alumni social networks.	3
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Mr. Akash R. Anajepatil
Secretary-AIMSS

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

Dr. S. N. Topannavar

HOD
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Academics

Activities

AY:2022-23

Attendance Sheet**Activity: One Day Workshop on "Design Thinking"**

Date-Time & Venue:	2 nd September 2023-10:00 am to 01:00pm @ Mechanical seminar Hall
Resource Person, Event Designer, Event Coordinators	Dr. S. N. Topannavar, BOSCH IACC, IDT Course Coordinator and Professor & Head, Mech. Engg. Dept

Class: IV Sem (Mechanical Students)

R.N.	USN	Name of Students	Sign.	R.N.	USN	Name of Students	Sign.
1	2HN21ME001	Akash Bhovi		24	2HN22ME420	Rahul V Raikar	
2	2HN21ME002	Kirti R Kambale		25	2HN22ME421	Rahul R Khanapur	
3	2HN21ME003	Mallikarjun Shettannavar		26	2HN22ME422	Raju V Yaduri	
4	2HN22ME400	Abhishek Bevinakoppamath		27	2HN22ME423	Ramagouda Patil	
5	2HN22ME401	Akash R Anajepatil		28	2HN22ME424	Sachin B Mali	
6	2HN22ME402	Akshay Gadave		29	2HN22ME425	Sachin B Karoshi	
7	2HN22ME403	Amit Harari		30	2HN22ME426	Sagar Heggannavar	
8	2HN22ME404	Anup S Malaj		31	2HN22ME427	Sameer M Makandar	
9	2HN22ME405	Basavaraj Balekundri		32	2HN22ME428	Sandeep Heddurshetti	
10	2HN22ME406	Bharamu A Khanapuri		33	2HN22ME429	Sangamesh Holeyachi	
11	2HN22ME407	Bhushan U Chougala		34	2HN22ME430	Sanket S Honashetti	
12	2HN22ME408	Goutam Borgalli		35	2HN22ME431	Shankar G Kambar	
13	2HN22ME409	Goutam Bongale		36	2HN22ME432	Shivashankar Sankannavar	
14	2HN22ME410	Kumar B Khanapuri		37	2HN22ME433	Sohil A Mulla	
15	2HN22ME411	Mallikarjun I Badiger		38	2HN22ME434	Someshwar Madyali	
16	2HN22ME412	Manikhand Sirasangi		39	2HN22ME435	Supreet G Heddurshetti	
17	2HN22ME413	Manjunath Mugali		40	2HN22ME436	Venkatesh P Koli	
18	2HN22ME414	Manoj Giddali		41	2HN22ME437	Vinay M Taradale	
19	2HN22ME415	Nagaraj M Chougala		42	2HN22ME438	Vinay S Hiremath	
20	2HN22ME416	Nikil Desai		43	2HN22ME439	Vinod D Khot	
21	2HN22ME417	Prathamesh R Sansuddi		44	2HN22ME440	Vivek Nandagavi	
22	2HN22ME418	Praveen S Badkar		45	2HN22ME441	Vrashabh R Galagi	
23	2HN22ME419	Rahul B kanade					

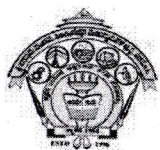
Dr. S. N. Topannavar
IACC-BOSCH, Course & Event Coordinator

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

Dr. K. B. Manawade
1st Year Coordinator
CO-ORDINATOR
First Year Engineering
Hirasugar Institute of Technology,
NIDASOSHI-591 236.



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Activities

Feedback

AY:2023-24

Online Feedback Sheet Summary

Activity Name: One Day Workshop on “Design Thinking”

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
2023/09/15 9:48:59 AM GMT+5:30	Manikant p shirasangi	2HN22ME412	9741539629	manips890@gmail.com	IV	10	9	10	10	10	49
2023/09/15 9:52:08 AM GMT+5:30	Manjunath Mugali	2HN22ME413	8431426087	manjunathmugali8@gmail.com	IV	9	10	10	9	9	47
2023/09/15 9:53:06 AM GMT+5:30	Vrashabh galagi	2HN22ME441	7483167177	vrashabhhgalagi8@gmail.com	IV	10	10	10	10	10	50
2023/09/15 9:53:34 AM GMT+5:30	Sandeep heddurshetti	2HN22ME428	9008694559	sandeepheddurshetti2910@gmail.com	IV	9	10	9	10	10	48
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2023/09/15 9:53:54 AM GMT+5:30	Anup malaj	2HN22ME404	6363093072	anupmalaj7@gmail.com	IV	8	8	9	8	9	42
2023/09/15 10:00:03 AM GMT+5:30	Amit harari	2HN22ME403	9731465108	amitharari109@gmail.com	IV	2	1	2	3	2	10
2023/09/15 10:03:36 AM GMT+5:30	Goutam Bongale	2HN22ME409	8310497589	bongalegoutam@gmail.com	IV	9	9	9	9	9	45
2023/09/15 10:38:39 AM	Akash Bhovi	2HN21ME001	9880078981	akbhovi45@gmail.com	IV	5	6	7	8	6	32





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Feedback

AY:2023-24

GMT+5:30											
2023/09/15 11:04:29 AM GMT+5:30	Rahul Khanapur	2HN22ME421	8431600923	rahulkhanpur38@gmail.com	IV	5	4	3	6	3	21
2023/09/15 11:44:28 AM GMT+5:30	Shivashankar sankannavar	2HN22ME432	7353153483	azshivashankar@gmail.com	IV	1	1	1	1	1	5
2023/09/15 1:08:40 PM GMT+5:30	Abhishek Bevinakoppamath	2HN22ME400	8197360660	abhibevinakoppamath@gmail.com	IV	10	10	10	10	10	50
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2023/09/15 1:56:15 PM GMT+5:30	Nagaraj mohan chougala	2HN22ME415	9731637122	nagarajmchougala@gmail.com	IV	10	10	10	10	10	50
2023/09/15 5:40:00 PM GMT+5:30	Vinay Hiremath	2HN22ME438	9482937683	vinayhiremath7064@gmail.com	IV	10	9	9	10	10	48
2023/09/15 5:40:49 PM GMT+5:30	Sohil mulla	2HN22ME433	7406238192	mullasohil76@gmail.com	IV	10	10	9	9	10	48
2023/09/15 5:41:35 PM GMT+5:30	Akshay Gadave	2HN22ME402	8880002203	akshaynesari123@gmail.com	IV	10	10	10	10	10	50
2023/09/15 5:48:31 PM GMT+5:30	Sachin mali	2HN22ME424	9113908396	malisachin801@gmail.com	IV	10	10	9	10	10	49
2023/09/15 5:49:11 PM GMT+5:30	Vivek nandagavi	2HN22ME440	8431817859	Vivek7829nandagavi@gmail.com	IV	8	9	9	10	8	44
2023/09/15 5:50:03 PM GMT+5:30	Someshwar madyali	2HN22ME434	7337631571	rsdmi6pro@gmail.com	IV	10	9	10	10	10	49
2023/09/15 5:50:51 PM GMT+5:30	Rahul Raikar	2HN22ME420	9535570138	rahulraikar242@gmail.com	IV	10	10	10	9	10	49
2023/09/15 5:51:18 PM	Kirti Kamble	2HN21ME002	874866366	kirtikamble1155@gmail.com	IV	9	8	10	10	10	47





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Feedback

AY:2023-24

GMT+5:30											
2023/09/15 5:58:57 PM GMT+5:30	Goutam Boragalli	2HN22ME408	8746998155	goutamboragalli 143@gmail.com	IV	1	1	1	1	1	5
2023/09/15 6:29:38 PM GMT+5:30	Prathamesh sansuddi	2HN22ME417	9008353044	sansuddipratha mesh4@gmail .com	IV	8	8	7	7	6	36
2023/09/15 6:31:08 PM GMT+5:30	Mallikarjun Shettennavar	2HN21ME003	9113874770	ramappakanno ri@gmail.com	IV	10	10	7	7	8	42
2023/09/15 6:52:29 PM GMT+5:30	Praveen	2HN22ME418	7349427523	pbk657637@g mail.com	IV	8	10	10	10	10	48
2023/09/15 7:07:40 PM GMT+5:30	Sameer makandar	2HN22ME427	6360545144	sameermakand ar614@gmail. com	IV	10	10	10	10	10	50
Total Points											1114

Mr. Mr. Akash R. Anajepatil
 AIMSS Secretary

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

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



Impact Analysis and PO & PSO Attainment

Activity Name: One Day Workshop on “Design Thinking”

No. of Respondents (N): 27

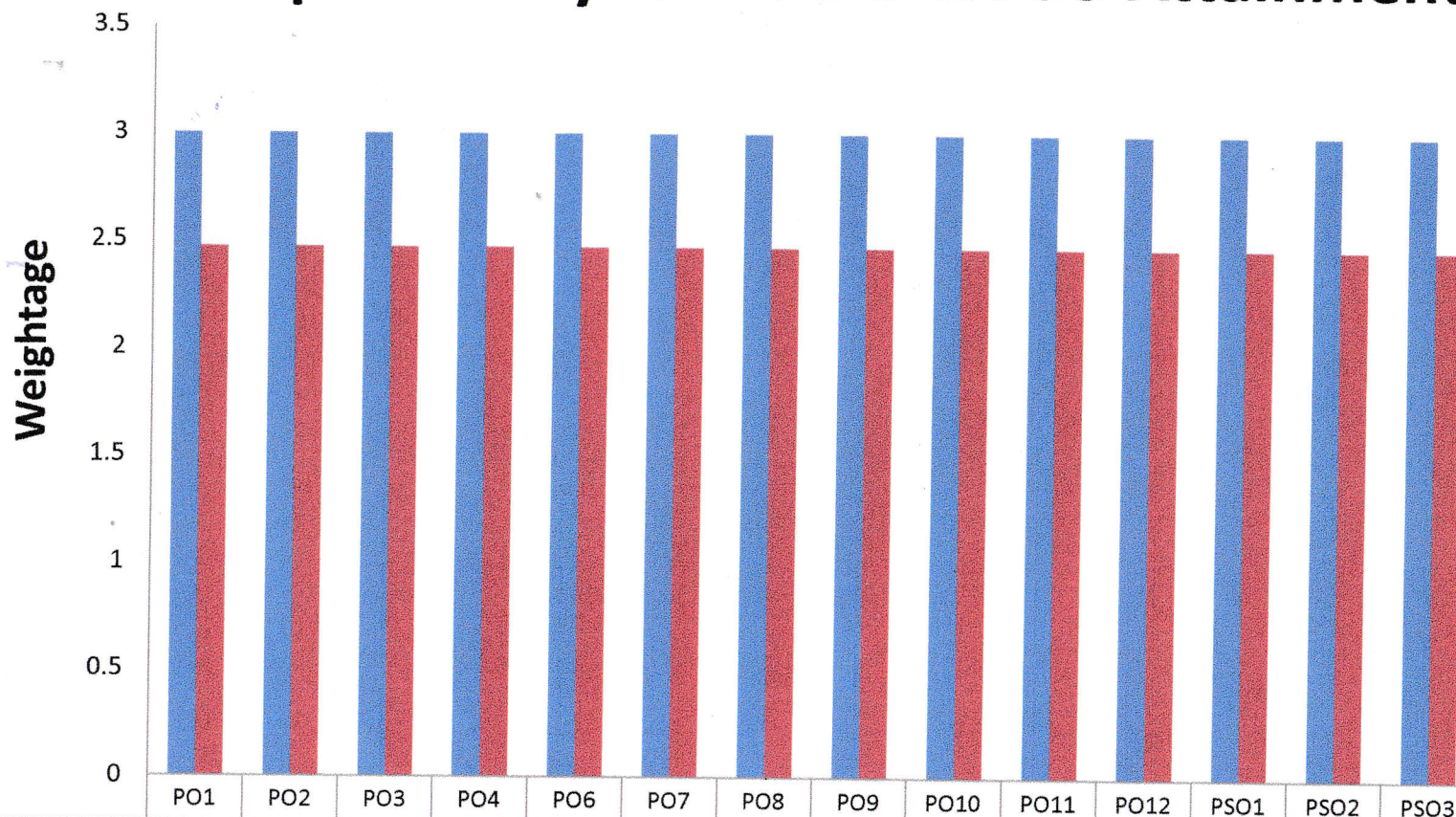
Grand Total Points given by all respondents (T): 1114

Impact Coefficient (IC=0-1): Here, $IC = T / (N * 50) = 1114 / (27 * 50) = 0.825$

Mapped PO/s	Weightage Assigned (1/2/3)	PO Attained/Activity Contribution to the respective PO (IC*Weightage Assigned)	Mapped PSO/s	Weightage Assigned (1/2/3)	PSO Attained/Activity Contribution to the respective PSO (IC*Weightage Assigned)
PO1	3	2.47	PSO1	3	2.47
PO2	3	2.47	PSO2	3	2.47
PO3	3	2.47	PSO3	3	2.47
PO4	3	2.47	--	--	--
PO6	3	2.47	--	--	--
PO7	3	2.47	--	--	--
PO8	3	2.47	--	--	--
PO9	3	2.47	--	--	--
PO10	3	2.47	--	--	--
PO11	3	2.47	--	--	--
PO12	3	2.47	--	--	--



Impact Analysis and PO & PSO Attainment



■ Weightage Assigned	PO1	PO2	PO3	PO4	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3
■ Attained/Activity Contribution PO & PSO	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47



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Mech. Engg. Dept.

Activities

Impact Analysis on Feedback

AY:2023-24

Justification:

1. Justification for Mapping of POs & PSOs

Mapped POs/ PSOs	Weightage	Justification
PO1	3	This activity substantially 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 the best fit solution.
PO4	3	This activity substantially helps to understand the use of the research tool for the iterative process, identify alternative strategies and create innovative solutions for the prototype.
PO6	3	This activity substantially allows high-impact solutions to social problems for clients and consumers to solve society-related problems.
PO7	3	This activity substantially accelerates the opportunity to investigate design alternatives and minimize the environmental, social, and economic impacts of their product.
PO8	3	This activity substantially highlights the 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 substantially encourages the collaboration, flexibility, curiosity, and positivity, creating excellent teams and positively influencing the outcome to find the solutions that best project.
PO10	3	This activity substantially highlights the manage their teams and coordinating efforts to bring about successful prototyping and testing through open communication.
PO11	3	This activity substantially 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	3	This activity substantially helps the solving critical global problems or tackling micro-level projects; visualization reveals key themes and patterns.
PSO1	3	This activity substantially addresses about design thinking will continue to evolve and be used in different industries to help create new products, services, and experiences.

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PSO2	3	This activity substantially addresses about non-linear, iterative process that teams use to understand users, challenge assumptions, redefine problems and create innovative solutions to prototype and test.
PSO3	3	This activity substantially addresses the design thinking is a versatile problem-solving framework that you can use for virtually any challenge or project. The five stages of design thinking Empathize; Define, Ideate, Prototype, and Test help your team overcome the ambiguity of problem-solving. It encourages teams to collaborate with each other to come up with the best solution for complex problems.

1. The activity mapped with PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10, PO11, and PO12 was found satisfactory with attainment levels of 2.47, 2.47, 2.47, 2.47, 2.47, 2.47, 2.47, 2.47, 2.47 and 2.47 against the mapped values during the impact analysis.
2. The activity mapped with PSO1, PSO2 and PSO3 was found satisfactory with attainment levels of 2.47, 2.47 and 2.47 against the mapped value 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 & finance and lifelong learning.

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

Mr. Akash R. Anajapatil
AIMSS Secretary

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AIMSS-Coordinator/s

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