



Activity Report

S.No.	Title of the information	Information in brief																												
1	Identified Gap No/s.:	6 &44																												
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 “Recent Trends in Thermal Engineering”																												
5	Date:	13-11- 2022																												
6	Venue:	Mechanical Seminar Hall																												
7	Objectives:	1. To provide basic advances in thermal engineering and Informatics, applicable in practical life. 2. To outline recent developments in industrial thermal engineering and management and their scopes. 3. To improve current thermal engineering and make it more efficient than the current thermal engineering.																												
8	Activity Outcomes:	1. Use the techniques, skills, and modern engineering tools necessary for thermal engineering practices. 2. Apply theory and established methods to solve complex thermal engineering problems.																												
9	Details of Resource Person/s with contact details:	1. Dr. P. P. Revankar, Professor, KLE Technological University, Hubli																												
10	Finance Management:	Expenses incurred by the Department Association (AIMSS)																												
11	No. of participants	Students: (Boys = 54 Girls = 05), Staff: 09																												
12	Mapped POs, Weight-age assigned & %age of attainment: PO (Weight-age)	<table><tr><th>PO 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>2</td><td>92.3</td><td>1.846</td></tr><tr><td>PO2</td><td>1</td><td>92.3</td><td>0.923</td></tr><tr><td>PO3</td><td>1</td><td>92.3</td><td>0.923</td></tr><tr><td>PO5</td><td>1</td><td>92.3</td><td>0.923</td></tr><tr><td>PO8</td><td>1</td><td>92.3</td><td>0.923</td></tr><tr><td>PO12</td><td>1</td><td>92.3</td><td>0.923</td></tr></table>	PO mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment	PO1	2	92.3	1.846	PO2	1	92.3	0.923	PO3	1	92.3	0.923	PO5	1	92.3	0.923	PO8	1	92.3	0.923	PO12	1	92.3	0.923
PO mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment																											
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PO12	1	92.3	0.923																											
13	Mapped PSOs, Weight-age assigned & %age of attainment: PSO (Weight-age)	<table><tr><th>PSO mapped</th><th>Weight-age assigned (1/2/3)</th><th>%age of Attainment</th><th>Level of attainment</th></tr><tr><td>PSO1</td><td>1</td><td>92.3</td><td>0.923</td></tr><tr><td>PSO2</td><td>1</td><td>92.3</td><td>0.923</td></tr></table>	PSO mapped	Weight-age assigned (1/2/3)	%age of Attainment	Level of attainment	PSO1	1	92.3	0.923	PSO2	1	92.3	0.923																
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PSO1	1	92.3	0.923																											
PSO2	1	92.3	0.923																											
14	Outcomes achieved/Impact analysis:	1. The activity mapped with PO1, PO2, PO3, PO5, PO8, and PO12 was found satisfactory with attainment levels of 1.846, 0.923, 0.923, 0.923, 0.923 and 0.923 against the mapped values during the impact analysis. 2. The activity mapped with PSO1 and PSO2 was found satisfactory with attainment levels of 0.923 and 0.923 against the mapped value during the impact analysis																												



Photo Gallery





Dr. P. P. Revankar, Professor, KLE Technological University, Hubli is delivering the Technical Talk on Recent Trends in Thermal Engineering held on 13th November 2021.



Staff and students attended the technical talk on Recent Trends in Thermal Engineering held on 13th November 2021.


Mr. Vivekanand Kambi
AIMSS Secretary


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


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

Hirasugar Institute of Technology, Nidasoshi

Mechanical Engineering Department



INVITATION

ON 13TH NOV 2021 @ 09.45AM, A TALK ON
"NANO FLUIDS FOR RADIATOR COOLANT & ENGINE APPLICATIONS"

Resource person:

Dr. N.R. Banapurmath

Head of Centre for Materials Studies, KLE Technological University, Hubli

@ 10.45AM, A TALK ON

"RECENT TRENDS IN THERMAL ENGINEERING"

Resource person:

Dr. P.P.Revankar

PG Coordinator, KLE Technological University, Hubli

@ 11.45AM-Tea Break(20 Mins.)

@ 12.05PM(15 Mins.) LAUNCHING OF PROGRAM
"I GOT JOB"

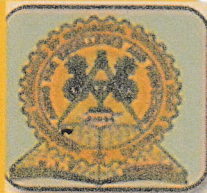
@ 12.20PM(60 Mins.) A Tribute to Shri.Puneeth Rajkumar
"APPU-AMARA"

Mr.Babasabh Bagshai
Miss. Sumitra Shinde
Student Coordinators

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

Dr. S.N.Topannavar
Head of the Department

Dr. S.C.Kamate
Principal



All are Cordially invited

Venue:Mechanical Seminar Hall
Function will commence @ 9.30am

Invitation as a Resource Person for Technical Talk on 13th November 2021, 9:30am

External
Inbox



HOD MECH hod.mech@hsit.ac.in Fri, Nov 12, 10:24 AM (6 days ago)
to pp_revankar, nr_banapurmath, nr_banapurmath@bvb.edu, pp_revankar, nrbanapurmath, M.M.

Respected Sirs,

!! Greetings from Association Integrated by Mechanical Staff & Students (AIMSS) !!

The Association is invited you as a Resource person for technical talks on "Nano Fluids for Radiator Coolant & Engine Applications" and "Recent Trends in Thermal Engineering" on 13th November 2021 @ 9:30am.

☐ PFA of the Invitation cum Agenda of the day.

☐ You are hearty welcome to the activities.

We request you to Acknowledge the same.

Thanking you with anticipation

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With Regards...

Dr. S. N. Topannavar M.Tech., Ph.D.

Professor & Head

Mechanical Engineering Department

Hirasugar Institute of Technology

Pin Code:591236, Karnataka, India

Cell: 9482440235, Mail: hod.mech@hsit.ac.in

Web; www.hsit.ac.in

Phone: +91-8333-278887, Fax: 278886

Attachments area



Prashant Revankar

to me

Fri, Nov 12, 3:41 PM (6 days ago)


Dear sir,

I am happy to be visiting your prestigious Institute.

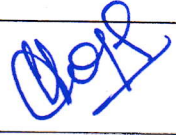
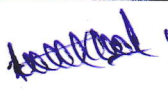

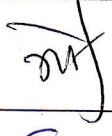
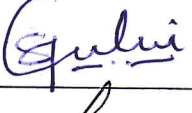
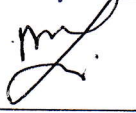
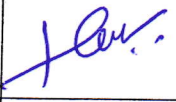

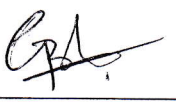
Please find attached the Biodata


Thanking you


P.P.Revankar

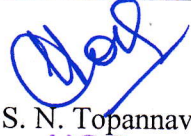
	<p style="text-align: center;">S J P N Trust's Hirasugar Institute of Technology, Nidasoshi <i>Inculcating Values, Promoting Prosperity</i> Approved by AICTE, Recognized by Govt. of Karnataka and Affiliated to VTU Belagavi. Accredited at 'A' Grade by NAAC Programmes Accredited by NBA: CSE, ECE, EEE & ME.</p>	<p>Mech Engg. Dept.</p> <p>AIMSS</p> <p>Activities</p> <p>2021-22 (Odd)</p>
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The Following staff member are attended Technical Talks on “Nono Fluids for Radiator Coolant & Engine Applications” and “Recent Trends in Thermal Engineering” organized on 13th November 2021 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	Prof. M. M. Shivashimpi	Assistant Professor		
7	Prof. M. A. Hipparagi	Assistant Professor		
8	Prof. M.I. Tanodi	Assistant Professor		
9	Prof. B. M .Dodamani	Assistant Professor		


 Prof. M. M. Shivashimpi
 AIMSS Coordinator


 Prof. D.N. Inamdar
 AIMSS Chief Coordinator


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



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Mech.Engg.Dept
AIMSS
Attendance
AY: 2021-22

Attendance Sheet

Date: 13-11-2021

Event-1: Talk on "Nono Fluids for Radiator Coolant & Engine Applications"

Resource person: Dr. N.R. Banapurmath, Head of Centre for Materials Studies, KLE Technological University, Hubli.

Events-2: Talk on "Recent Trends in Thermal Engineering"

Resource person: Dr. P.P. Revankar, PG Coordinator, KLE Technological University, Hubli.

Sem:III

R.No	STUDENT NAME	USN	Signature
1	AKASH RAJU PATIL	2HN20ME001	APR
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	AJIT M BISIROTTI	DIPLOMA	
9	RAHUL D MANGASULI	DIPLOMA	
10	SACHIN S PUJERI	DIPLOMA	
11	AKSHAY M CHABBI	DIPLOMA	
12	OMKAR V PATIL	DIPLOMA	
13	AKASH P MADIHALLI	DIPLOMA	
14	NITISH BANI	DIPLOMA	
15	BABAJAN HUKKERI	DIPLOMA	


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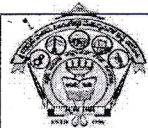
Attendance

AY: 2021-22

Sem:V

R.No	STUDENT NAME	USN	Signature
1	Aayesha M Sayyad	2HN18ME001	
2	Rahul Mudalagi	2HN18ME028	
3	Rakesh Gudasi	2HN18ME030	
4	Sujeet Huddar	2HN18ME040	
5	Vinod Sorannavar	2HN18ME046	
6	Abhishek Patil	2HN19ME001	
7	Akash Bagewadi	2HN19ME002	
8	Archana Ramappa Gulli	2HN19ME003	
9	Dhananjayakumar Magadum	2HN19ME004	
10	Kiran S Dhange	2HN19ME005	
11	Mahadev Patrot	2HN19ME006	
12	Mahadev Rama Gulli	2HN19ME007	
13	Prathamesh Nilaji	2HN19ME008	
14	Ramesh S Adin	2HN19ME009	
15	Shashidhar Gurav	2HN19ME010	
16	Suraj G. Maradi	2HN19ME011	
17	Aditya Suresh Patil	2HN20ME400	
18	Aksy Magdum	2HN20ME401	
19	Rajkumar Khot	2HN20ME402	
20	Ramesh Raju Manjaragi	2HN20ME403	
21	Sandeep Sooji	2HN20ME404	
22	Satigouda B Patil	2HN20ME405	
23	Sourabha S Shinde	2HN20ME406	
24	Vinayak Badiger	2HN20ME407	
25	Virupaxayya Mathad	2HN20ME408	

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Mech.Engg.Dept
AIMSS
Attendance
AY: 2021-22

Sem:VII

R.No	STUDENT NAME	USN	Signature	R.No	STUDENT NAME	USN	Signature
1	Manjunath Madar	2HN15ME047		33	Sacheen Patil	2HN18ME033	
2	Chetan Karigar	2HN16ME017		34	Satyappa Karoshi	2HN18ME034	
3	Rahul G Aiwale	2HN16ME056		35	Shashidhar S Mastiholi	2HN18ME035	
4	Shiddalingeshwar. K. Bhandari	2HN16ME077		36	Shivaprasad Ammanagi	2HN18ME036	
5	Sooraj Sangappagol	2HN16ME078		37	Shridhar B.Mudigoud	2HN18ME037	
6	Akshay Namaje	2HN17ME005		38	Siddappa Karagar	2HN18ME038	
7	Amit Parashuram Thorat	2HN17ME006		39	Siddharth V. Patil	2HN18ME039	
8	Pradeep B Desai	2HN17ME030		40	Sumitra P Shinde	2HN18ME041	
9	Sohail. M Yaragatti	2HN17ME050		41	Sunil Kuligod	2HN18ME042	
10	Abhijit A Patil	2HN18ME002		42	Sushant Vijay Magadum	2HN18ME043	
11	Aditya Kalbhar	2HN18ME003		43	Vikas Ramachandra Khot	2HN18ME044	
12	Ajinkaykumar S Bhosale	2HN18ME005		44	Vinayak Ashok Dodamani	2HN18ME045	
13	Akash Bahubali Upadhye	2HN18ME006		45	Vivekananda C Kambi	2HN18ME048	
14	Akshay Menasi	2HN18ME007		46	Vrushabh A Mugganavar	2HN18ME049	
15	Arun Kolapur	2HN18ME009		47	Shridhar Koravi	2HN18ME404	
16	Arun Nagappa Chougule	2HN18ME010		48	Vaibhav Shinde	2HN18ME405	
17	Babasabh Bagashahi	2HN18ME011		49	Vinayak Bagadi	2HN18ME406	
18	Hanamanth Puje	2HN18ME012		50	Akshay Badakundri	2HN19ME400	
19	Hasansab S Yaragatti	2HN18ME013		51	Amar Chidanand Sangote	2HN19ME401	
20	Madan Mahantesh Rayar	2HN18ME014		52	Arun C Tubachi	2HN19ME402	
21	Maibub I Mulla	2HN18ME015		53	Arun Kumar S Halagatti	2HN19ME403	
22	Naik Maruti Malleshi	2HN18ME017		54	Devendra Chougule	2HN19ME404	
23	Nandish L Vibhuti	2HN18ME018		55	Dundanagouda Patil	2HN19ME405	
24	Naveenkumar Ganachari	2HN18ME019		56	Jitendra Ramaling Pitagi	2HN19ME406	
25	Nikhil Nandigon	2HN18ME020		57	Mahantesh G Hiremath	2HN19ME407	
26	Nikhil Shettnavar	2HN18ME021		58	Prithviraj Herlage	2HN19ME408	
27	Pavankumar A Shirahatti	2HN18ME023		59	Shravan S Kurani	2HN19ME409	
28	Prashant Madiwalar	2HN18ME024		60	Shweta Kumbar	2HN19ME410	
29	Prashant Suresh Kambar	2HN18ME025		61	Sourabh Mole	2HN19ME411	
30	Praveen S Chougale	2HN18ME026		62	Vijayalaxmi B Bugadi	2HN19ME412	
31	Ramakrishn K Magadum	2HN18ME031		63	Akshay Boragalli	2HN19ME413	
32	Ravi Magadum	2HN18ME032					

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Mech. Engg. Dept.

AIMSS

AY:2021-22

1426/2021-22/1061

Date: 13-11-2021

Certificate of Appreciation –Cum-Gratitude

To,

Dr. P.P. Revankar

PG Coordinator,

KLE Technological University, Hubli.

We are extremely pleased to have you as a Resource Person for Technical Talk on
“Recent Trends in Thermal Engineering” held on 13th November 2021 at our
Department.

[Signature]
13/11/21

Dr. S.N. Topannavar


HOD
Mechanical Engg.
HIT, Nidasoshi




[Signature]
13/11

Dr. S. C. Kamate
PRINCIPAL

Hirasugar Institute of Technology
NIDASOSHI-591 236

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		Activities
		Feedback
		2021-22 (Odd)

FEEDBACK

Title of the Activity: Recent Trends in Thermal Engineering				
Gap No.: 6,44	Mapped POs	POs Weightage	Mapped PSOs	PSOs Weightage
	1,2,3, 5,8 and 12	2,1,1,1,1 and 1	1 and 2	1 and 1
Date/Duration: 13-11-20201			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			9
Total points				49
Write your comments on activity/event organization (All Arrangements such as Hospitality, Logistics, and Hall etc.): <div style="text-align: center;">  Signature of the Participant </div>				

Nidasoshi, Taq: Hukkeri, Dist: Belgaum, Karnataka - 591 236
 Phone:+91-8333-278887, Fax:278886, Web:www.hsit.ac.inMail:principal@hsit.ac.in



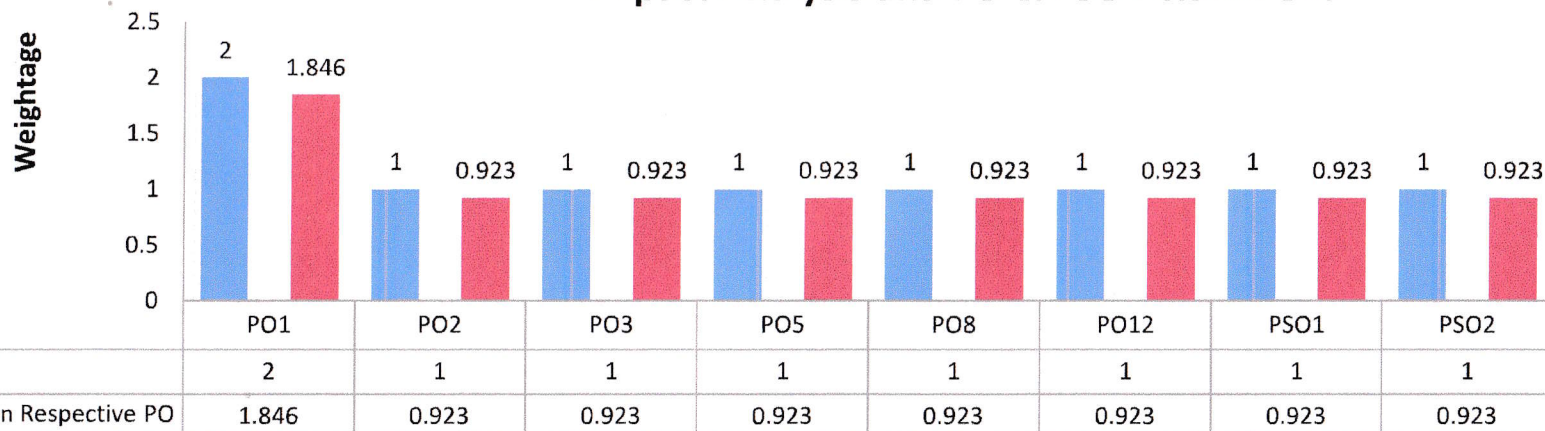
Impact Analysis and PO & PSO Attainment

Activity Name: Technical Talk on Recent Trends in Thermal Engineering
No. of Respondents (N): 53

Grand Total Points given by all respondents (T): 2117
Impact Coefficient (IC=0-1): Here, $IC = T / (N * 50) = 2447 / (53 * 50) = 0.923$

Mapped PO/s	Weightage Assigned (1/2/3)	PO Attained/Activity Contribution to the respective PO (IC*Weightage Assigned)
PO1	2	1.846
PO2	1	0.923
PO3	1	0.923
PO5	1	0.923
PO8	1	0.923
PO12	1	0.923
PSO1	1	0.923
PSO2	1	0.923

Impact Analysis and PO & PSO Attainment





Justification:

1. Justification for Mapping of POs & PSOs

Mapped POs/ PSOs	Weightage	Justification
PO1	2	This activity moderately highlights the engineering knowledge of heating and cooling processes; and the conversion of heat into various energies including mechanical, chemical, and electrical energy.
PO2	1	This activity highlights solving thermal analysis problems involving conduction, natural convection, forced convection, ambient radiation, internal (cavity) radiation, radiation in participating media, phase change, natural and forced convection, thermal stresses, and conjugate heat transfer.
PO3	1	This activity highlights thermal analysis plays a critical role in the design of thermal solutions to ensure components are cooled enough to effectively operate.
PO5	1	This activity focuses on advanced software tools such as CFD is a better method for estimating flow boundary conditions (heat transfer coefficient and fluid temperature) when the flow or structure geometry is complex.
PO8	1	This activity highlights the importance of ethical values toward thermal engineering analysis and its applications.
PO12	1	This activity focuses on presenting the broad range of current and future applications that involve advanced Technology in thermal engineering and software tools. The knowledge of these topics is helpful for the design and analysis of thermal systems.
PSO1	1	This activity highlights current thermal engineering and makes it more efficient than the current thermal engineering by applying recent thermal technology.
PSO2	1	This activity highlights the design of thermal components and analyzes thermal components to provide the optimum solutions.

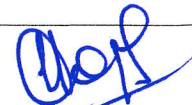
- The activity mapped with PO1, PO2, PO3, PO5, PO8, and PO12 was found satisfactory with attainment levels of 1.846, 0.923, 0.923, 0.923, 0.923 and 0.923 against the mapped values during the impact analysis.
- The activity mapped with PSO1 and PSO2 was found satisfactory with attainment levels of 0.923 and 0.923 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 CFD Software Training & other relevant thermal-related training, ideas, research innovations, and incubation cell activities help to promote the design and analysis of thermal systems.


 Mr. Vivekanand Kambi
 AIMSS Secretary


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


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