



NEWS LETTER



2023 - 24

Mechanical Engineering Department

Volume: 12

September: 2K23-24



SJPN, Trust's

Hirasugar Institute of Technology, Nidasoshi

Approved by AICTE, New Delhi and Permanently Affiliated to VTU Belagavi- Accredited by NAAC at 'A+' Grade

INSTITUTE VISION

“To be a preferred institution in Engineering Education by achieving excellence in teaching and research and to remain as a source of pride for its commitment to holistic development of individual and society”

INSTITUTE MISSION

"To continuously strive for the overall development of students, educating them in a state-of-the-art-infrastructure, by retaining the best practices, people and inspire them to imbibe real time problem solving skills, leadership qualities, human values and societal commitments, so that they emerge as competent professionals"



DEPARTMENT OF MECHANICAL ENGINEERING

VISION

“To be the centre of excellence in providing education in the field of Mechanical Engineering to produce technically competent and socially responsible engineering graduates”

MISSION

“Educating students to prepare them for professional competencies in the broader areas of the Mechanical Engineering field by inculcating analytical skills, research abilities and encouraging culture of continuous learning for solving real time problems using modern tools”

Program Educational Objectives (PEOs)

The Graduates of the program will be able to

PEO1: Acquire core competence in Applied Science, Mathematics and Mechanical Engineering fundamentals to excel in professional career and higher study.

PEO2: Design, demonstrate and analyze the mechanical systems which are useful to society.

PEO3: Maintain professional and ethical values, employability skills and multidisciplinary approach to realize engineering issues in broader social context by engaging in life-long learning.



From The Principal Desk's



**Dr. S. C. Kamate,
Prof. & Principal
HSIT, Nidasoshi**

Hirasugar Institute of Technology Nidasoshi has been committed for its yeoman service to society in the field of Engineering Education in last two and half decades under the blessings and patronage of his holiness Shriman Niranjan Jagadguru, Pancham, Shri. Shivalingeshwar Mahaswamiji of Siddha Sansthan Math Nidasoshi and President SJPN Trust.

I am happy to share the extraordinary achievements of our students namely, Mr. Chetan R. Mulimani V Semester EEE Branch, has Participated in VTU State Level Inter Collegiate Wrestling Weight Category Men 61 kg competition held at KLSSVDIT, Haliyal held from 20-11-2023 to 21-11-2023 and has won the "First Prize" with Gold Medal.

Mr. Vijayakumar J. Imadar VIII Semester Civil Engineering Department has represented the VTU Belagavi in South zone Inter University Kho-Kho Championship held at University of Calicut Kerala held from 26-12-2023 to 30-12-2023 and He is University Blue in Kho-Kho event.

I congratulate all HOD's, Member of editorial board, the staff and the students for bringing out this department news letter. The current issue of this news letter will take you through the outstanding achievements and activities of the semester. The institution welcomes feedback and suggestions from reader.

From The HOD Desk's



**Dr. S. N. Topannavar,
Prof. & HOD (MED)
HSIT, Nidasoshi**

The department believes on the theme "Student Centric Outcome Based Quality in Practice" and same has been implemented successfully. The department produced around 2000+ eminent alumni, who spread all corner of the world and contributing industry and society. The Association Integrated by Staff & Students-AIMSS is striving towards student and staff welfares and organizing student centric activities. Recently department has been taken a quality oriented initiatives and reforms to enhance the Teaching-Learning and Research & Development activities. The innovative academic policies have been implemented for slow learners and achieved positive changes among the students. Regularly, the department has been recognize the students' talents and capabilities through the activities such as "Techno-Vision", "HIT-QUEST", "Hobby Project Exhibition", "HSIT FEST" etc. In the view of students' career and employment, the department has been facilitated trainings and activities in the campus. The Research and Development activities has been conducted through well-established ecosystem of laboratories such as "Alternative Fuel Lab", Aerodynamic Lab", Project cum Assembly Lab", "Coding & Simulation Lab" with the help of funds from agencies such as VGST, ALTEM, etc.

The achievement of all students who have actively pursuing the degree is heightened in this Newsletter. This newsletter showcases some of student's impressive academic results, their out to reach to the community, their honor, awards and their hopes of the future. I hope you will be inspired by these students ambitious and incredibly deserve accomplishments and that our students continue to exceed expectations. These outstanding students truly represent the success stories of tomorrow.



From Chief Editor's Desk

I am indeed very happy and proud of the latest developments and programs in the department. Newsletter acts as a communication channel among the alumni, faculty, students and experts in the Mechanical Engineering Department. I am very much grateful to the Management, Principal, Staff and Students for their continuous encouragement, inspiration and support extended for the release of this "News Letter-2023-24". I wish all the best to the readers.



Dr. M. M. Shivashimpi
Associate Professor
HSIT, Nidasoshi

About the Department

The Department of Mechanical Engineering was established in the year 1996 with an intake of 60 students. The department has qualified and experienced teaching faculty with state of the art infrastructure and modern teaching aids catering to the needs of the VTU Curriculum.

Mechanical Engineering Department offers courses and laboratory training in the area suitable for the current needs. The department takes up the technical problems of industries as final year students' projects and offers solutions. Many students' projects received appreciation and awards.

In its 29th year of fruitful existence, the institution is planning for Research Centers in every department year after year. As an outcome of this initiative, got approval for Research Center in Mechanical Engineering Department from VTU, Belagavi. Department Accredited at 'A⁺' Grade by NAAC.



Faculty Members

Sl. No.	Name	Designation	Exp	Qualification
1	Dr. S. C. Kamate	Principal	31	PhD
2	Dr. S. N. Topannavar	HOD	27	PhD
3	Dr. K. M. Akkoli	Assoc Prof	25	PhD
4	Dr. M. M. Shivashimpi	Assoc Prof	17	PhD
5	Prof. D. N. Inamdar	Asst Prof	23	M.Tech (Ph.D)
6	Prof. M. S. Futane	Asst Prof	20	M.Tech
7	Prof. S. A. Goudadi	Asst Prof	18	M.Tech (Ph.D)
8	Prof. M. A. Hipparagi	Asst Prof	16	M. Tech (Ph.D)
9	Prof. Girish .M. Zulapi	Asst Prof	16	M.Tech
10	Prof. P. M. Kokitakar	Asst Prof	06	M.Tech
11	Prof. N.T. Kambar	Asst Prof	05	M.Tech

Technical Supporting Staff

Sl. No.	Name	Designation	Exp	Qualification
1	Shri. V .G. Badiger	Foreman	28	DME
2	Shri. A. B. Sankeshwari	Foreman	27	DME
3	Shri. C.B. Patil	Mechanic	22	ITI
4	Shri. M.J. Patil	Welder	09	ITI
5	Shri. D.R. Badiger	Mechanic	28	S S L C

Ministerial Staff

	Name	Designation	Exp	Qualification
1	Shri. R. G. Shivannavar	Helper	28	B A
2	Shri. A. K. Huddar	Helper	19	S S L C
3	Shri. G. D. Basappare	Peon	19	S S L C



STUDENTS ACHIEVEMENTS

1. Technical Paper Presentation

Sl. No.	Title	Author(s)	Name of the event	Venue	Date	Prize	National/ State/College/ Inter college level
1	Effect of Algae Biodiesel on Performance, Combustion and Smoke Characteristics of CI Engine.	Mr. Akash Madihalli Mr. Shivaprabhu Patrot Mr. Omkar Patil	ICRTET 2023	HIT Nidasoshi.	8 th and 9 th December 2023	-	International

2. Project Exhibition

Sl. No.	Title	Author(s)	Name of the event	Venue	Date	Prize	National/ State/College / Inter college level
1	Smart Seed Sowing and Fertilizer Dispenser with Automatic Anticlog System	Mr. Pramod B Ammanagi Mr. Sangamesh Surapagol Mr. Yogesh R Dhanwade	Project Exhibition and Competition	HIT Nidasoshi.	13 th May 2024	First	Department
2	IoT Based Smart Mechanism of Transportation & Disposal of Industrial & Domestic Waste Material	Mr. Nitish R Bani Mr. Sachin Pujeri Mr. Rahul Mangasuli	Project Exhibition and Competition	HIT Nidasoshi.	13 th May 2024	Second	Department
3	IoT Based Solar Powered Smart Agriculture Monitoring System	Mr. Akash Madihalli Mr. Shivaprabhu Patrot Mr. Omkar Patil	Project Exhibition and Competition	HIT Nidasoshi.	13 th May 2024	Third	Department
4	Alcohol detection, self locking system and Automatic Headlamp Dim or Bright Controller	Miss.Kirti Ramesh Kamble Mr.Prathmesh R. Sansuddi Mr. Sohail Mulla	Mini Project Exhibition and Competition	HIT Nidasoshi.	31 st July 2024	First	Department
5	Automatic Rain Sensing Protection Cover	Mr. Abhishek Bevinakoppamath Mr.Akash Anaje Patil Mr. Mallikarjun Shettennavar Mr.Vivek Nandagavi	Mini Project Exhibition and Competition	HIT Nidasoshi.	31 st July 2024	Second	Department
6	Android controlled robotic arm	Mr. Vinay S Hiremath Mr. Sameer M Makandar Mr. Supreet G Heddurshetti Mr. Goutam N Bongale	Mini Project Exhibition and Competition	HIT Nidasoshi.	31 st July 2024	Third	Department



3. KSCST Sponsored Projects

Sl. No.	Title	Name of Guide	Name of The Team Members(s)	Amount in Rs.	Sponsored By
1	Smart Seed Sowing and Fertilizer Dispenser with Automatic Anti Clog System (47S_BE_3779)	Dr. K.M.Akkoli	Mr. Yogesh Dhanwade Mr. Pramod Ammanagi Mr. Sangamesh Surapagol	5,500.00	KSCST, Bangalore
2	IOT Based Pipe Inspection Robot (47S_BE_3835)	Dr. S.C. Kamate Prof. G. M. Zulapi	Mr. Abdulrahim B. Kazi Mr. Rahul M. Nandeshwar Mr. Akash A. Badiger	5,500.00	KSCST, Bangalore

4. Class Toppers

SEM: III

Miss. Laxmi Rama Gulli	Mr. Aditya A Yadav Alias Upalane	Mr. Vivek Mahadev Khopade
1 st Rank	2 nd Rank	3 rd Rank
84.22%	80.56 %	78.22 %

SEM: V

Mr. Mallikarjun Shettennavar	Mr. Vivek Nandagavi	Mr. Akshay Gadave
1 st Rank	2 nd Rank	3 rd Rank
87 %	81 %	80.5. %



SEM: VII

Mr. Shivaraj B Neelakanth	Mr. Rahul D Mangasule	Mr. Yogesh R Dhanwade
1st Rank	2nd Rank	3rd Rank
84 %	83 %	82 %

SEM: IV

Miss. Laxmi Rama Gulli	Mr. Darshan Anil Kakati	Mr. Sangamesh. B. Pated	Mr. Vivek Mahadev Khopade
1st Rank	2nd Rank	2nd Rank	3rd Rank
84.11 %	80.44 %	80.44 %	79.11 %

SEM: VI

Mr. Mallikarjun Shettennavar	Mr. Basavaraj Balekundri	Mr. Vivek Nandagavi
1st Rank	2nd Rank	3rd Rank
85 %	83 %	82 %



SEM: VIII

Mr. Shivaprabhu Patrot	Mr. Promod B. Ammanagi	Mr. Sangamesh K Surappagol	Mr. Abdulrahim B Kazi
1 st Rank	2 nd Rank	3 rd Rank	3 rd Rank
90.8 %	90.2 %	89.4%	89.4%

DEPARTMENT ACTIVITIES

SL. No.	Topic of the seminar / Event	Date of Conduct	Resource person and address
1	Extension Activity on Free D-CET Coaching on Applied Maths and Science	16-08-2023 To 01-09-2023	1. Dr. S.N. Topannavar HSIT Nidasoshi 2. Dr. B.V. Madiggond HSIT Nidasoshi 3. Dr. K. M. Akkoli HSIT Nidasoshi 4. Dr. M.M. Shivashimpi HSIT Nidasoshi 5. Dr. M. G Huddar HSIT Nidasoshi 6. Dr. S. L. Patil HSIT Nidasoshi 7. Dr. S.S. Itannavar HSIT Nidasoshi 8. Prof. S.V. Manjaragi HSIT Nidasoshi 9. Prof. D.N. Inamdar HSIT Nidasoshi 10. Prof. S. D. Hirekodi HSIT Nidasoshi 11. Prof. O. B. Heddurshetti HSIT Nidasoshi 12. Prof. A.A. Daptardar HSIT Nidasoshi 13. Prof. S.A. Goudadi HSIT Nidasoshi 14. Prof. M.S. Futane HSIT Nidasoshi 15. Prof. M.A. Hipparagi HSIT Nidasoshi 16. Prof. S.S. Thabhaj HSIT Nidasoshi 17. Prof. S.A. Patil HSIT Nidasoshi 18. Prof. I.N. Kambar HSIT Nidasoshi 19. Prof. G. M. Zulapi HSIT Nidasoshi 20. Prof. K.B. Negalur HSIT Nidasoshi 21. Prof. S.I. Mane HSIT Nidasoshi 22. Prof. P. G. Patil HSIT Nidasoshi
2	Awareness Program on Eye Donation and EYE Care	28-08-2023	Dr. M.M. Joshi, Eye Institute Private Limited Sankeshwar
3	One Day Workshop on Design Thinking	02-09-2023	Dr. S. N. Topannavar, BOSCH IACC, IDT Course Coordinator and Professor & Head, Mechanical Engineering Department, HSIT Nidasoshi



4	Seminar on Entrepreneurship Awareness	10-11-2023	Mr. Rahul Mahalank, CEO, Blue Smart Elevators, Belagavi
5	One Day Faculty Development Program on Recent NAAC Quality Indicator Frame work (QIF) and Self Study Report (SSR) Submission	24-11-2023	Dr. M .B. Kothali, NAAC Assessor & Formerly Principal, GIBC Nippani
6	Seminar on Recent Trends in Mechanical Engineering	04-12- 2023	Dr. Sunil Majagi, Senior R & D Professional with Product Development Expertise in Automotive, Aerospace and Manufacturing, Germany
7	International Conference on Recent Trends in Engineering & Technology (ICRTET-2023)	08-12-2023 TO 09-12-2023	1. Narender Chinthamu, MIT Certified CTO & Senior Enterprise Architect Coppel, TX, USA. 2. Dr. Suresh H Jangamashetti, Vice Chancellor, Haveri University Haveri, India
8	Online Program on Viksit Bharat @2047	11-12-2023	Shri. Narendra Modi Prime minister India
9	Seminar on Literature Review and Ethics in Engineering Research	12-12-2023	Dr. K.M. Akkoli, Associate Professor, Mechanical Engineering Department, Hirasugar Institute of Technology, Nidasoshi
10	SHUBHARAMBHA-24 A welcome function to III Semester Students and Inauguration of AIMSS Activities : 2023-24	06-01-2024	Mr. Shivaprasad Shivagiri Alumnus -2014 Batch, Founder & Director of Reverse Minds LLP, Belagavi
11	Book Distribution to Bright Students AY: 2021-22	06-01-2024	Mr. Shivaprasad Shivagiri Alumnus -2014 Batch, Founder & Director of Reverse Minds LLP, Belagavi
12	Technical Talk on How to Start Company	06-01-2024	Mr. Shivaprasad Shivagiri Alumnus -2014 Batch, Founder & Director of Reverse Minds LLP, Belagavi
13	Seminar on Procedure to Register a Patent, Copy write and Trademark in India	16-01-2024	Dr. K.M. Akkoli, Associate Professor, Mechanical Engineering Department, Hirasugar Institute of Technology, Nodasoshi
14	Technical Talk on Entrepreneur – A job Creator	19-01-2024	Mr. N.B. Rajeev Rao, Managing Director, Rajeev & Rao Company, Belagavi
15	Technical talk on IPR and 3-D Printing	19-01-2024	Dr. Amit Gadagi, Associate Professor, Mechanical Engineering Department, KLE Technological University's Dr. M.S. Sheshagiri College of Engineering and Technology, Belagavi
16	Technical talk on Employability Skills in Product, Design and Process	16-02-2024	Mr. Sandeep Patil, Technical Lead, Creative Synergy Group, Bangalore
17	Industry Visit at TATA HITACHI Construction Machinery Company	23-03-2024	Mr. Mukesh Choudhary, Customer Quality Assurance & Quality Planning Engineer, TATA HITACHI Construction Machinery



	Private Limited Dharwad- Karnataka		Company Private Limited Dharwad- Karnataka
18	Project Exhibition & Competition -2024	13-05-2024	1.Mr. Pradeep Basavaraj Nandagavi, Technical Lead, Aequs Aero structures Manufacturing India Private Limited Hattargi, Belagavi 2.Dr. S.S. Ittannavar, Associate Professor, Electronics & Communication Engineering Department, Hirasugar Institute of Technology, Nidasoshi
19	Opportunities and Preparation of Interviews for AEQUS Aero Structures Manufacturing India Private Limited Hattargi, Belagavi	13-05-2024	Mr. Pradeep Basavaraj Nandagavi, Technical Lead, Aequs Aero structures Manufacturing India Private Limited Hattargi, Belagavi.
20	UHV Monthly Online Lecture Series on the Subject "Integrity as a Value" Organized by VTU Universal Human Values Cell	22-05-2024	Dr. Gururaj Karajagi, Chairman, Academy for Creative Teaching Bangalore.
21	ALOHA-24 A Farewell Function to Final Year Outgoing Students	31-05-2024	Mr. Basavaprabhu Wasedar, 2004 Batch Alumnus & Development Head, KIA Motors Bangalore
22	Technical Talk on Entrepreneurship and IPR	31-05-2024	Mr. Basavaprabhu Wasedar, 2004 Batch Alumnus & Development Head, KIA Motors Bangalore
23	Seminar on guidelines to become an Entrepreneur	11-07-2024	Mr. Shivaprasad Shivgiri, Founder and Managing Partner of Reverse Minds LLP, Belagavi and Co-founder Tillid Motors Private Limited Dharwad
24	Mini Project Exhibition & Competition -2024	31-07-2024	1.Mr. Nikhil V Patil, SAP Consultant, Capgemini India Private Limited, Bengaluru 2.Dr. S.S. Ittannavar, Associate Professor, Electronics & Communication Engineering Department, Hirasugar Institute of Technology, Nidasoshi



FACULTY ACHIEVEMENTS

1. Faculty Development Program/ Training/STTP/Refresh Course/
Orientation Program Attended By Faculty Members

Sl. No.	Faculty	Programme	Title	Relevancy	Date	Place
1	Prof. S. A. Goudadi	05 Day's FDP	Writing An Effective Research Article: Tips and Tricks	Research work	03 rd To 07 th October 2023	KLS Vdit, Haliyal
2	Dr. S. C. Kamate	02 Day's FDP	Digital Transformation in Higher Education	Administration	26 th To 27 th October 2023	VTU, Belagavi
3	Prof. D. N. Inamdar	03 Day's FDP	Introduction to Modeling and Design for Manufacturing Using Fusion 360 by AUTODESK	Automation Tools in Mechanical Engineering	6 th To 8 th November 2023	Jain College of Engineering, Belagavi
4	Prof. P.M. Kokitakar	03 Day's FDP	Introduction to Modeling and Design for Manufacturing Using Fusion 360 by AUTODESK	Automation Tools in Mechanical Engineering	6 th To 8 th November 2023	Jain College of Engineering, Belagavi.
5	Dr. S. N. Topannavar	01 Day FDP	Revised NAAC Quality Indicator Frame Work & SSR Preparation	Accreditation	24 th November 2023	Hirasugar Institute of Technology, Nidasoshi
6	Dr. M. M. Shivashimpi	01 Day FDP	Revised NAAC Quality Indicator Frame Work & SSR Preparation	Accreditation	24 th November 2023	Hirasugar Institute of Technology, Nidasoshi
7	Prof. Girish Zulapi	01 Day FDP	Revised NAAC Quality Indicator Frame Work & SSR Preparation	Accreditation	24 th November 2023	Hirasugar Institute of Technology, Nidasoshi
8	Dr. M. M. Shivashimpi	03 Day's FDP	Outcome Based Education and NBA Process	Accreditation	28 th To 30 th December 2023	A. G. Patil Institute of Technology, Solapur
9	Prof. Girish Zulapi	03 Day's FDP	Outcome Based Education and NBA Process	Accreditation	28 th To 30 th December 2023	A. G. Patil Institute of Technology, Solapur
10	Dr. K. M. Akkoli	05 Day's FDP	Advances in Materials Technology For Next Generation Manufacturing	Research work	1 st To 5 th February 2024	Ballari Institute of Technology and Management Ballari
11	Dr. M. M. Shivashimpi	05 Day's FDP	Advances in Materials Technology For Next Generation Manufacturing	Research work	1 st To 5 th February 2024	Ballari Institute of Technology and Management Ballari



12	Prof. Girish Zulapi	05 Day's FDP	Advances in Materials Technology For Next Generation Manufacturing	Research work	1 st To 5 th February 2024	Ballari Institute of Technology and Management Ballari
13	Prof. M .S. Futane	One week FDP	Exploring Perspective of AI and ML in Robotics and Automation	Automation Tools in Mechanical Engineering	24 th To 28 th June 2024	Dr.DYP COE, Pimpri Pune

2. Faculty as Reviewer Members for Various National/International

Sl. No.	Name of the Faculty	Name of the Journal	Publisher
1	Dr. S.C. Kamate	International Journal of Applied Thermodynamics	Elsevier
2	Dr. S. N. Topannavar	International Journal of Green Energy	Taylor and Francis
3	Dr. K. M. Akkoli	International Journal of Waste and Biomass Valorization	Springer
		International Journal of Renewable energy	Elsevier
		International Journal of Mechanical Engineering and Sciences	UMP Publisher
		International Journal of Energy Research and Reviews	Science Domain International
		International Journal of green energy	Taylor and Francis
		International Journal of IRGC	Cambridge University Press
		International Journal of Automotive and Mechanical Engineering	University Malaysia Pahang Publishing
		Energy Science and Engineering	John Wiley and Sons Ltd
		Environment, Development and sustainability	Springer
4	Dr. M.M. Shivashimpi	International Journal of Energy	Elsevier
		International Journal of Biofuels	Taylor and Francis
		International Journal of Ambient Energy	Taylor and Francis
		International Journal of Chemical Engineering	Hindawi
		International Journal of Environmental Science and Pollution Research	Springer
		International Journal of Journal of the Brazilian Society of Mechanical Sciences and Engineering	Springer



3. Publications & Presented Papers in Conference Proceedings

Sl. No.	Author's	Title of the Paper	Journal/ Publication Details/Citation	International/ National/State/ Inter college/College Level	Page No.
1	Mr. Pratik V. Swami Dr. S. C. Kamate Dr. S. N. Topannavar	Review of Nozzle Geometry's Impact on the Diesel Engine's Performance, and Emission Characteristics	Conference: ICRTET 2023, Association with Conference World Journal: International Journal of Advance Technology in Engineering and Science Publisher: AR Research Publication ISSN Number: 2348-7550 Published on: December 2023 Volume: 11(12) Link: www.ijates.com Impact Factor: 6.4 Name of Conference Organizer: Hirasugar Institute Of Technology, Nidasoshi Date of Conference: 8 th To 9 th December 2023	International	15-27
2	Prof. M. A. Hipparagi Prof. M.S. Futane Prof. P. M. Kokitkar Prof. P. S. Naik	An Improvement In Mechanical Characteristics Through The Application of Austempered Ductile Iron (ADI): A Review	Conference: ICRTET 2023, Association with Conference World Journal: International Journal of Advance Research in Science and Engineering Publisher: AR Research Publication ISSN Number: 2319-8346 Published on: December 2023 Volume: 12(12) Link: www.ijarse.com Impact Factor: 6.1 Name of Conference Organizer: Hirasugar Institute Of Technology, Nidasoshi Date of Conference: 8 th To 9 th December 2023	International	1-6
3	Dr. M M Shivashimpi Prof. Girish Zulapi Prof. M. S. Futane Mr. Akash P Madihalli Mr. Shivaprabhu Patrot Mr. Omkar Patil	Effect of Algae Biodiesel on Performance, Combustion and Smoke Characteristics of CI Engine	Conference: ICRTET 2023, Association with Conference World Journal: : International Journal of Advance Research in Science and Engineering Publisher: AR Research Publication ISSN Number: 2319-8346 Published on: December 2023 Volume: 12(12) Link: www.ijarse.com Impact Factor: 6.1 Name of Conference Organizer: Hirasugar Institute Of Technology, Nidasoshi Date of Conference: 8 th To 9 th December 2023	International	11-23



4	Prof. S. A. Goudadi Prof. D. N. Inamdar Prof. S.V. Jore	Design and Development of Staircase Climbing Trolley in Multistory Building	Conference: ICRTET 2023, Association with Conference World Journal: International Journal of Advance Research in Science and Engineering Publisher: AR Research Publication ISSN Number: 2319-8346 Published on: December 2023 Volume: 12(12) Link: www.ijarse.com Impact Factor: 6.1 Name of Conference Organizer: Hirasugar Institute Of Technology, Nidasoshi Date of Conference: 8 th To 9 th December 2023	International	1-7
---	---	---	--	---------------	-----

4. Faculty members who have achieved 100% Result

Name of Faculty	Subject	Subject Code	Semester
Prof.P.M.Kokitkar	Introduction To Modelling & Design For Manufacturing	BMEL305	III
Shri. S. B. Sarawadi	Social Connect and Responsibility	21SCR36	
Shri. S. B. Sarawadi	Physical Education	BPEK359	
Dr.K.M.Akkoli	Advanced Python Programming	BME358A	
Prof.S A Goudadi	Mechanical Measurements And Metrology Lab	BMEL404	IV
Prof. M. S. Futane	Introduction To AI & ML	BMEL456A	
Shri. S. B. Sarawadi	Physical Education	BPEK459	
Prof.S A Goudadi	Design Lab	21MEL55	V
Prof. P M Kokitkar	Basics of MATLAB	21ME581	
Dr. Tanuja S B	Environmental Studies	21CIV57	
Prof. M S Futane	CNC Programming & 3-D Printing Lab	21MEL66	VI
All Staff	Mini Project	21MEMEP67	
All staff	Societal Internship	21INT68	
Prof. B P Khot	Communication Theory	18EC751	VII
Prof. M.S.Futane	Comp. Aided Design & Manufacturing	18ME72	
Prof. M.A.Hipparagi	Total Quality Management	18ME734	
Prof. M.S.Futane	Comp. Integrated Manufacturing Lab	18MEL76	
Prof. S.A.Goudadi	Design Lab	18MEL77	
All Staff	Project Work Phase - I	18MEP78	
Dr. M .M. Shivasimpi	Energy Engineering	18ME81	VIII
All Staff	Project Work Phase - 2	18MEP83	
Prof. M.S.Futane	Automobile Engineering	18ME824	
All Staff	Technical Seminar	18MES84	
All Staff	Internship	18MEI85	



5. Faculty As a resource person

Sl. No.	Faculty	Presentation/ Jury Member/ Chair Person	Date	Place
1	Dr. K. M. Akkoli	Verification Certificate Of Peer Reviewer Contribution for completing 1 review in 2024 for Environment, Development and Sustainability.	2024	SPRINGER NATURE
2	Dr. K. M. Akkoli	Participated as resource person and delivered talk on Industrial Maintenance.	25 th November 2023	S.J.P.N. Trust's Polytechnic Nidasoshi.
3	Dr. K. M. Akkoli	Renewable Energy Certificate of Reviewing Awarded for 28 reviews in recognition of review contribution to ELSEVIER Journal.	Between January 2019 and November 2023	ELSEVIER Journal
4	Dr. S. N. Topannavar	Contributed as "CONVENER" during the "International Conference on Recent Trends in Engineering and Technology (ICRTET 2023).	8 th and 9 th December 2023	Hirasugar Institute of Technology, Nidasoshi
5	Dr. K. M. Akkoli	Contributed as "CONVENER" during the "International Conference on Recent Trends in Engineering and Technology (ICRTET 2023).	8 th and 9 th December 2023	Hirasugar Institute of Technology, Nidasoshi

It is questionable if all the
mechanical inventions yet
made have lightened the
day's toil of any human
being.

John Stuart Mill



PLACEMENTS



Hirasugar Institute of Technology

Nidasoshi – 591 236, Belagavi District, Karnataka State

Permanently Affiliated to Visvesvaraya Technological University, Belagavi and Approved by All India Council for Technical Education, New Delhi.

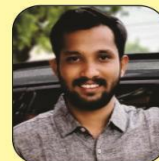
Accredited at 'A' Grade by NAAC and Recognized Under Section 2(f) & 12B of UGC Act, 1956

Programmes Accredited by NBA : CSE & ECE.



Department of Mechanical Engineering

Some of our Placements

**Mr. Muttu Malennavar**
Newgen Software Technologies Ltd.
Chennai. 8 LPA**Mr. Shivanand Borgalli**
Global Logic India Pvt. Ltd. Bangalore
5.5 LPA**Mr. Surajkumar Naganuri**
INFIFRESH Foods Pvt. Ltd. Bangalore
7 LPA**Mr. Akshay Borgalli**
Orchids Network & Systems Pvt. Ltd.
Bangalore 5LPA**Mr. Akshay Magadum**
VK Design Pvt. Ltd. Pune
6 LPA**Mr. Akshay Korachgaon**
QUEST Global Pvt. Ltd.
Bangalore, 5 LPA**Mr. Umesh Hebbali**
Zinnia LCC Pvt.Ltd. Pune
14.3 LPA**Mr. Akhilesh Dravid**
Tata Fiat Motors, Pune
7 LPA**Mr. Sumeet Kubsad**
Exela Technologies, Pune
6LPA**Miss Anjana Hunchyali**
DXC Technology, Bangalore
6.4 LPA**Mr. Naveen Umarane**
CGI, Bangalore
7.5 LPA**Mr. Deepak Mudasi**
DXC Technology
6.4 LPA**Mr. Girish Chougala**
Bosch, Bangalore
6 LPA**Mr. Sanket Shetake**
Capgemini, Bangalore
5 LPA**Mr. Mahantesh Kamate**
Cognizant, Bangalore
5 LPA**Mr. Vinay Mathapati**
Harman, Bangalore
5 LPA**Mr. Omkar Balekundri**
QUEST, Bangalore
5 LPA**Mr. Punit Pundalik**
Capgemini, Bangalore
5 LPA**Mr. Pratik Nilaji**
LTI, Bangalore
4.5 LPA**Mr. Prateek Shetti**
Genpact, Bangalore
5.5 LPA**Mr. Roshan Antannavar**
Capgemini, Bangalore
5 LPA**Mr. Shreyansh Belavi**
Capgemini, Bangalore
5 LPA**Infosys, Bangalore**
QUEST, Bangalore
5 LPA**Mr. Sushil Varute**
Advancer PI Solutions, Bangalore
5 LPA**Miss. Bhagyashree Kochari**
Accenture, Bangalore
6 LPA**Mr. Sachin Patil**
Infosys, Bangalore
5 LPA**Mr. Shoib Banadar**
TCS, Bangalore
7.5 LPA**Mr. Chaitan Kulkarni**
Four Front Pvt. Ltd. Pune
4.5 LPA**Mr. Iliyas Nadaf**
SLK Software Pvt. Ltd. Bangalore
5.8 LPA**Mr. Prashant Kambar**
Robert BOSCH, Bangalore
4 LPA**Mr. Nikhil Kudachi**
Belgaum Sugars Pvt. Ltd. Huddi
4.5 LPA**Mr. Suneel Mavingidat**
Ajmera Infotech Pvt. Ltd Bangalore
11.8 LPA**Mr. Shashidhar Gurav**
Tata Technologies Ltd. Pune
5 LPA**Mr. Dhananjay Magadum**
Tata Technologies Ltd. Pune
5 LPA**Miss. Archana Gulli**
L & T Technologies Ltd. Bangalore
6.5 LPA**Miss Ayesha Sayyad**
SuriAuto Production,Dharwad
3 LPA**Mr. Basavaraj Kumbhar**
AQUES Aerospace, Hattaragi
3 LPA**Mr. Malikjan Mujawar**
AQUES Aerospace, Hattaragi
3 LPA**Mr. Omkar Patil**
Justech Precision, Bangalore
3 LPA**Mr. Akash Madihalli**
Justech Precision, Bangalore
3 LPA**Mr. Shivaprabhu Patrot**
Justech Precision, Bangalore
3 LPA**Mr. Rahul Mangasuli**
Justech Precision, Bangalore
3 LPA



PLACEMENTS PARTNERS AND MOU

Industry Collaborations for Better Understanding of the Concepts

Memorandum of Understanding with Following Companies for Better Industry Institute Interactions for students.





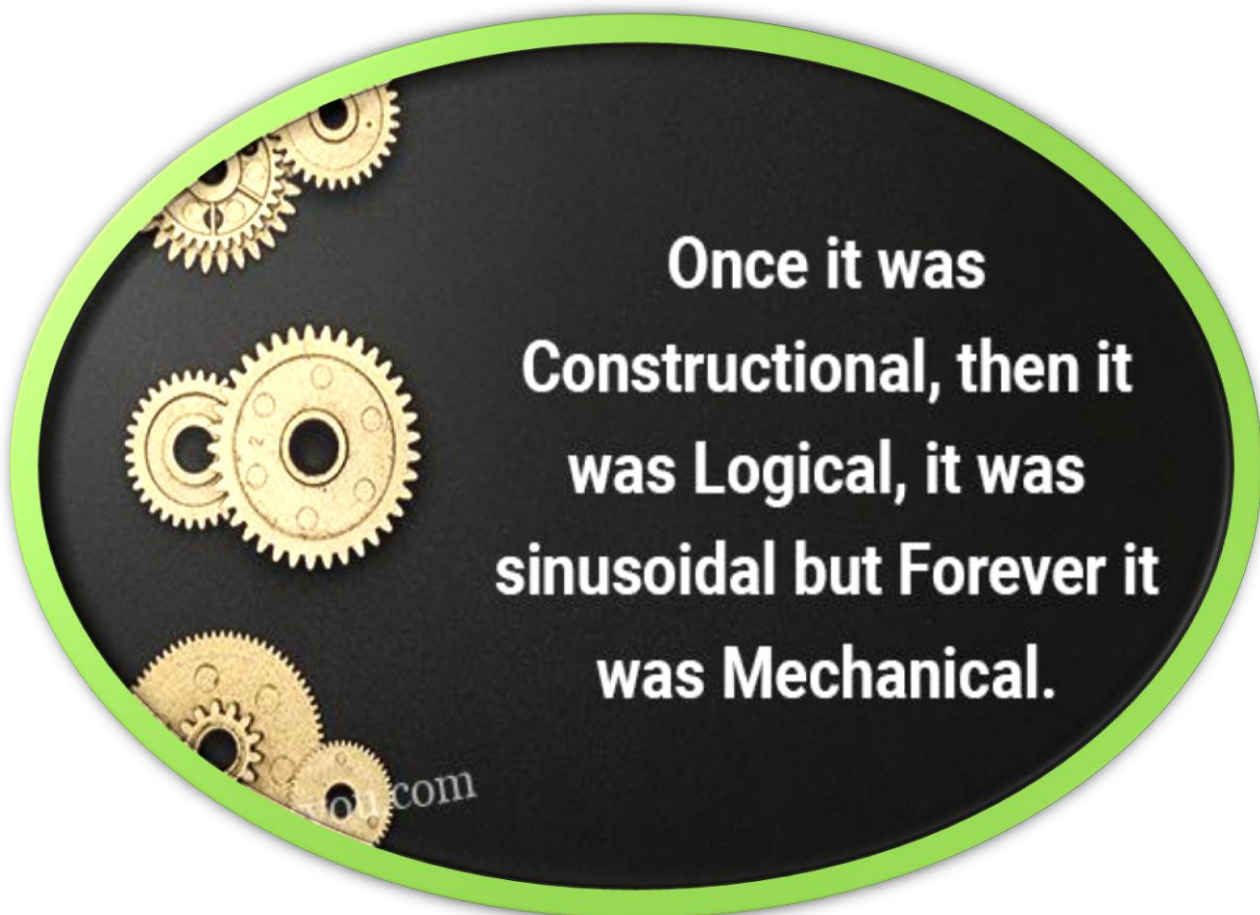
KONARK
HEAT SYSTEM



TECH FORTUNE
we stand for excellence

Greintors
come...let's grow

**Enthalpy Research &
Innovation Center LLP**





PROUD ALUMNI



Hirasugar Institute of Technology

Nidasoshi – 591 236, Belagavi District, Karnataka State

Permanently Affiliated to Visvesvaraya Technological University, Belagavi and Approved by All India Council for Technical Education, New Delhi,
Accredited at 'A' Grade by NAAC and Recognized Under Section 2(f) & 12B of UGC Act, 1956
Programmes Accredited by NBA : CSE & ECE.



Department of Mechanical Engineering

List of Proud Alumni

**Mr. Channabasappa Shirkoli**

Head Busyness Development
Aerospace and Defence
Laxmi Machine works Ltd.
Bangalore-2000 Batch

**Mr. Sanjay Choudry**

Commander, Indian Navy
2000 Batch

**Mr. Vikram Birajdar**

Superintendent, Bhagwan Marine
Perth, Australia-2000 Batch

**Mr. Mahendra K**

Director, Humanetics Innovative
Solutions Pvt. Ltd. Bangalore - 2000 Batch

**Mr. Gururaj Nesaragi**

Chief Engineer, Fleet Management
Ltd. Hongkong- 2001 Batch

**Mr. Praveen Ganachari**

Deputy General Manager
Design Development Mechanical
Micromatic Grinding Technologies
Pvt. Ltd. Bangalore - 2001 Batch

**Mr. Basavaprabhu Vasedar**

SQA/ESG Section Head Parts
Development, KIA Motors
Bangalore - 2002 Batch

**Mr. Amit D**

Manager, Power & Utilities
Indian Oil Corporation Ltd.
Panipat, Haryana - 2005 Batch

**Mr. Praveen Shamanewadi**

Technical Manager, Mercedes Benz
Research & Development India
Bangalore - 2005 Batch

**Mr. Santosh Kalyanashetti**

Manager, Piping Stress Analysis
Valdel Engineers & Constructors Pvt. Ltd
Bangalore - 2005 Batch

**Mr. Sandip Sarambale**

Lead Design Engineer, SNC Lavalin Fayez Engg.
Saudi Arabia - 2005 Batch

**Mr. Asif Khazi**

Procurement Manager, Kellogg Brown & Root,
Saudi Arabia- 2005 Batch

**Mr. Prashant Patil**

Senior Technical Lead, HCL Pune
2005 Batch

**Mr. Prashant Girigoudar**

Deputy Manager, Veolia Water Technologies
& Solutions, Pune- 2005 Batch

**Mr. Ayub Mujawar**

Assistant General Manager, L & T
Hydrocarbon Energy, Mumbai- 2005 Batch

**Mr. Sachin Mugali**

Manager - Technology, Atria Convergence
Technologies Ltd, Bangalore - 2005 Batch

**Mr. Mubarak Athani**

PCC Manager, Lumax Industries Ltd. Pune
2005 Batch

**Mr. Veerabhadra Bassapure**

Senior Technical Lead, Mercedes Benz
R & D India Pvt. Ltd. Bangalore
2006 Batch

**Mr. Dastgeer Mulla**

Manager Direct Procurement
CEER Motors, Saudi Arabia- 2006 Batch

**Mr. Jyoti Dindurle**

Manager Purchase, Bosch Ltd. Bangalore
2006 Batch

**Mr. Shankargouda Patil**

Assistant Manager, John Crane Sealing
System India Pvt. Ltd Bangalore - 2006 Batch

**Mr. Sudarshan Chavan**

Product Design Engineer, Johnson
Controls Automotive Ltd. Coventry, U.K
2007 Batch

**Mr. Muragesh Mali**

Lead Auditor-MS
TUV SUD South Asia, Belagavi - 2009 Batch

**Mr. Siddalingesh Charantimath**

Senior Manager, Head of Product Validation
Schaeffler, Pune - 2009 Batch

**Mr. Kishor Gothe**

Senior Manager Purchase Engineering
Research Center, Tata Motors Ltd. Pune
2009 Batch

**Mr. Imamsaab Athani**

Assistant, HESCOM Department
Government of Karnataka- 2009 Batch

**Mr. Sachidanand Toli**

Senior Manager, Tata Motors, Pune
2009 Batch

**Mr. Kishor Pattar**

Project Lead, I & T Technology and
Services, Bangalore - 2009 Batch

**Mr. Basavaraj Goturi**

Operation Lead, Xitadel India Pvt. Ltd.
Bangalore - 2009 Batch

**Mr. Ajay Murgod**

Product Design & Launch Expert
UX Innovation PLM Leadership
Detroit USA - 2011 Batch



PHOTO GALLERY



Dr. S. C. Kamate, Principal, HSIT Nidasoshi and staff are interacting with student aspirants on the occasion of Free DCET – 2023 Coaching held from 16th August 2023 to 1st September 2023.



Dr. S.N. Topannavar, Professor and HOD, Mechanical Engineering Department, HSIT Nidasoshi is coaching on the topic statistics data collection and types to student aspirants on the occasion of Free DCET – 2023 Coaching held from 16th August 2023 to 1st September 2023.



Dr. M.M. Joshi, Eye Institute Private Limited Sankeshwar is addressing the students and staff about importance of eye donation and eye care on the occasion of Awareness Programme on Eye Donation and Eye Care held on 28th August 2023.



The staff and students are attended Awareness Programme on Eye Donation and Eye Care by Dr. M.M. Joshi, Eye Institute Private Limited Sankeshwar held on 28th August 2023.



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.



Dr. S. C. Kmate, Principal, Hirasugar Institute of Technology, Nidasoshi is performing the Ayudha Puja held on 23rd October 2024.



Mechanical Engineering Department staff are attended the Ayudha Puja held on 23rd October 2024.



Mr. Rahul Mahalank, CEO, Blue Smart Elevators, Belagavi is interacting with students on the occasion of the Seminar on Entrepreneurship Awareness held on 10th November 2023.



Staff and students are attended a seminar on Entrepreneurship Awareness held on 10th November 2023.



The inauguration of One Day Faculty Development Program on "Revised NAAC Quality Indicator Framework (QIF) and Self Study Report (SSR) Submission" organized on 24th Nov. 2023 at HSIT, Nidasoshi by Shri Mahaswamiji, Dr. M. B. Kothali, Resource person, NAAC Assessor, & Formerly Principal, GIBC Nipani, Dr. Prasad Rampure, EC Member VTU, Belagavi & Principal, KLE-CET Chikodi, Dr. S.C. Kamate, Principal HSIT Nidasoshi, Dr. D.G. Kulkarni, Principal, MMEC, Belagavi and Dr. S.N. Topannavar, Event & IQAC Coordinator, HSIT Nidasoshi.



Dr. M. B. Kothali, Resource person, NAAC Assessor, & Formerly Principal, GIBC Nipani is delivering talk on "Revised NAAC Quality Indicator Framework (QIF) and Self Study Report (SSR) Submission" held on 24th Nov. 2023 HSIT, Nidasoshi.



On the occasion of valedictory function of one Day Faculty Development program on "Revised NAAC Quality indicator Framework (QIF) and Self Study Report (SSR) Submission" organized on 24th Nov. 2023 at HSIT, Nidasoshi, the Certificates of Participation have been distributed to all participants (44 nos.) from HSIT Nidasoshi and from other institutes by the resource person Dr. M. B. Kothali, NAAC Assessor, & Formerly Principal, GIBC Nipani, Dr.S.C.Kamate, Principal HSIT Nidasoshi, Dr.D.G.Kulkarni, Principal, MMEC, Belagavi and Dr.S.N.Topannavar, Event & IQSC Coordinator, HSIT Nidasoshi.



On the occasion of valedictory function of One Day Faculty Development Program on "Revised NAAC Quality indicator Framework (QIF) and Self Study Report (SSR) Submission" organized on 24th Nov. 2023 at HSIT, Nidasoshi, the photo session has been conducted with all participants, resource person and dignitaries.



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 14th December 2023.



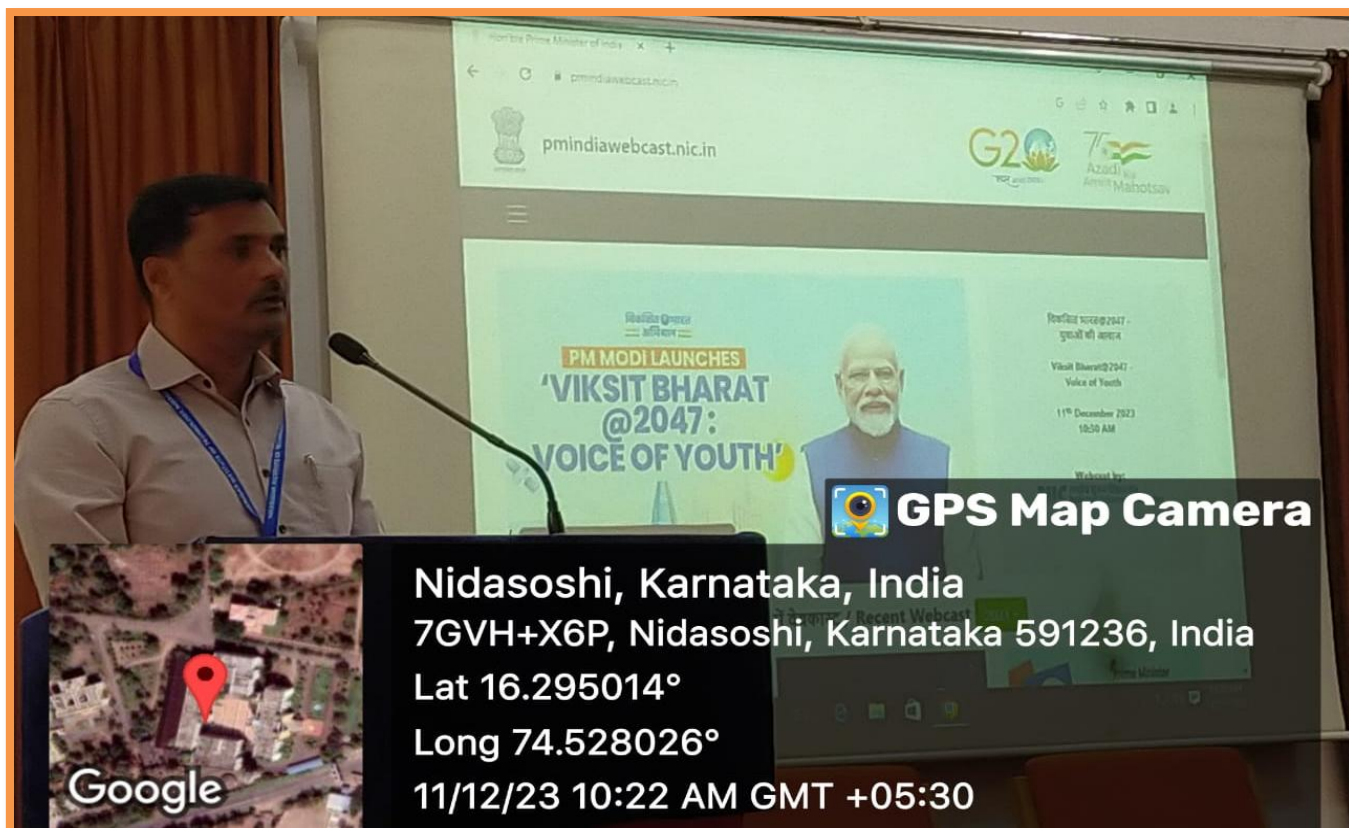
Staff and students attended the Seminar on Recent Trends in Mechanical Engineering held on 14th December 2023.



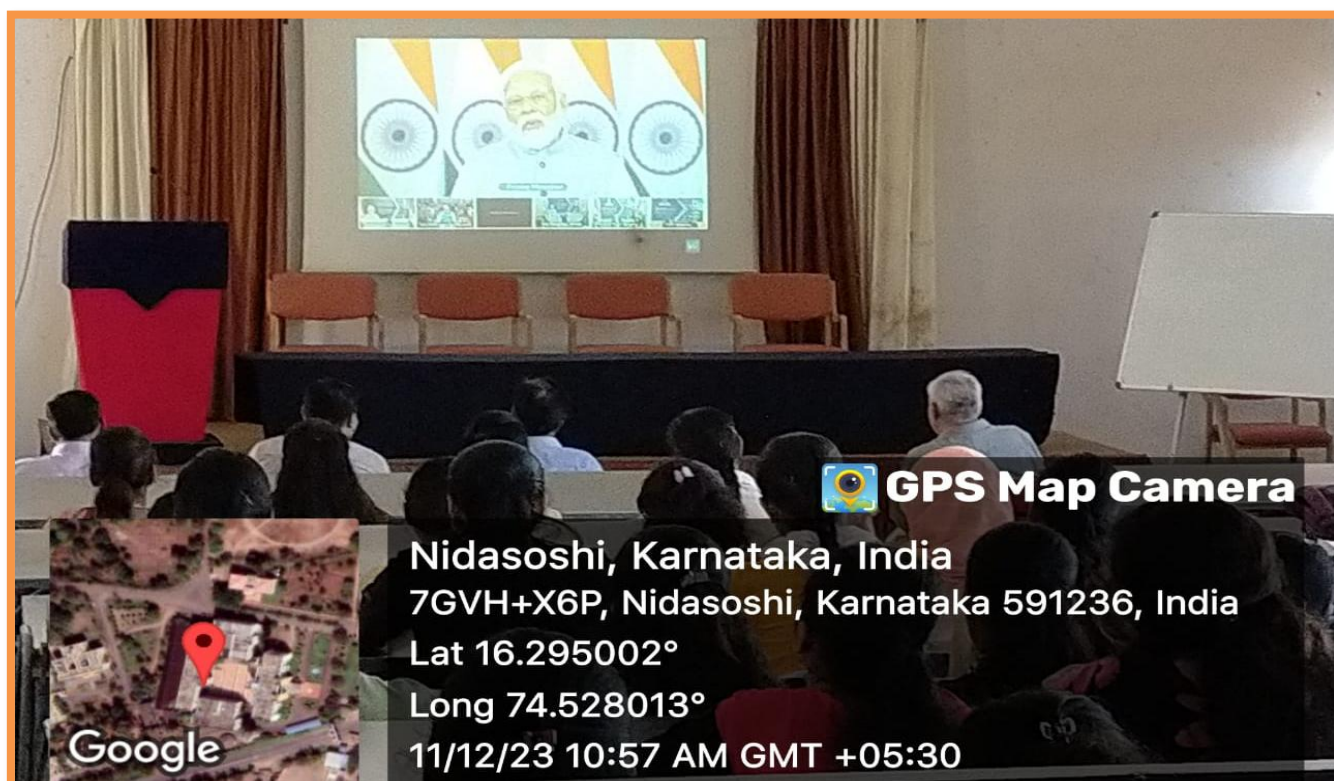
The inauguration of International Conference on Recent Trends in Engineering & Technology (ICRTET-2023) from 8th-9th December 2023, by Shri Mahaswamiji, Key Note Speakers (Online & Offline): Dr.Suresh H Jangamashetti, Vice Chancellor, Haveri University Haveri, India, Shri. Narender Chinthamu, MIT Certified CTO & Senior Enterprise Architect Coppell, TX, USA (Online), Dr.S.C.Kamate, Principal HSIT Nidasoshi, Dr.S.N.Topannavar, Convener & IQAC Coordinator, HSIT Nidasoshi and Dr.K.M.Akkoli, Dean (R&D).



On the occasion of inauguration of International Conference on Recent Trends in Engineering & Technology (ICRTET-2023) from: 8th-9th December 2023, the online and offline participants attended and presented their research articles.



Dr. S. N. Topannavar, Professor and HOD, Mechanical Engineering Department, HSIT Nidasoshi is briefing the importance of Viksit Bharat @ 2047 online Program to students and staff held on 11th December 2023.



Shri. Narendra Modi Prime Minister India is launching a major initiative called Viksit Bharat @ 2047 Program through online mode in the presence of students and staff held on 11th December 2023.



Dr. S. C. Kamate, Principal, HSIT Nidasoshi, Staff and students are attended the Viksit Bharat @ 2047 online Program held on 11th December 2023.



Welcome song by Miss. Laxmi R. Gulli on the occasion of SHUBHARAMBHA-24 A welcome function to III Semester Students and Inauguration of AIMSS Activities: 2023-24 held on 6th January 2024.



Shri. Shivaprasad Shivagiri Alumnus-2014 Batch, Founder & Director of Reverse Minds LLP, Belagavi is inaugurating the AIMMS Activities AY: 2023-24 on the occasion of SHUBHARAMBHA-24 A welcome function to III Semester Students and Inauguration of AIMSS Activities : 2023-24 held on 6th January 2024.



Dr. S. N. Topannavar, Professor & HOD Mechanical Engineering Department, Hirasugar Institute of Technology, Nidasoshi is reading Department Vision Document on the occasion of SHUBHARAMBHA-24 A welcome function to III Semester Students and Inauguration of AIMSS Activities: 2023-24 held on 6th January 2024.



Shri. Shivaprasad Shivagiri Alumnus-2014 Batch, Founder & Director of Reverse Minds LLP, Belagavi is delivering the motivational talk to students on the occasion of SHUBHARAMBHA-24 A welcome function to III Semester Students and Inauguration of AIMSS Activities: 2023-24 held on 6th January 2024.



Dr. S. C. Kmate, Principal, Hirasugar Institute of Technology, Nidasoshi is addressing to students on the occasion of SHUBHARAMBHA-24 A welcome function to III Semester Students and Inauguration of AIMSS Activities: 2023-24 held on 6th January 2024.



Shri. Shivaprasad Shivagiri Alumnus-2014 Batch, Founder & Director of Reverse Minds LLP, Belagavi is distributing book to Mr. Pramod Ammanagi, for Internal Assessment Topper during AY: 2022-23 held on 6th January 2024.



Dr. S. C. Kamate, Principal, Hirasugar Institute of Technology, Nidasoshi is distributing book to Miss. Archana Gulli, for Internal Assessment Topper AY: 2022-23 held on 6th January 2024.



Shri. Shivaprasad Shivagiri Alumnus-2014 Batch, Founder & Director of Reverse Minds LLP, Belagavi is interacting with students on the occasion of the technical talk on How to Start Company held on 6th January 2024.



Staff and students are attended a technical talk on How to Start Company held on 6th January 2024.



Mr. N.B. Rajeev Rao, Managing Director, Rajeev & Rao Company, Belagavi is interacting with students on the occasion of the technical talk on Entrepreneur – A job Creator held on 19th January 2024.



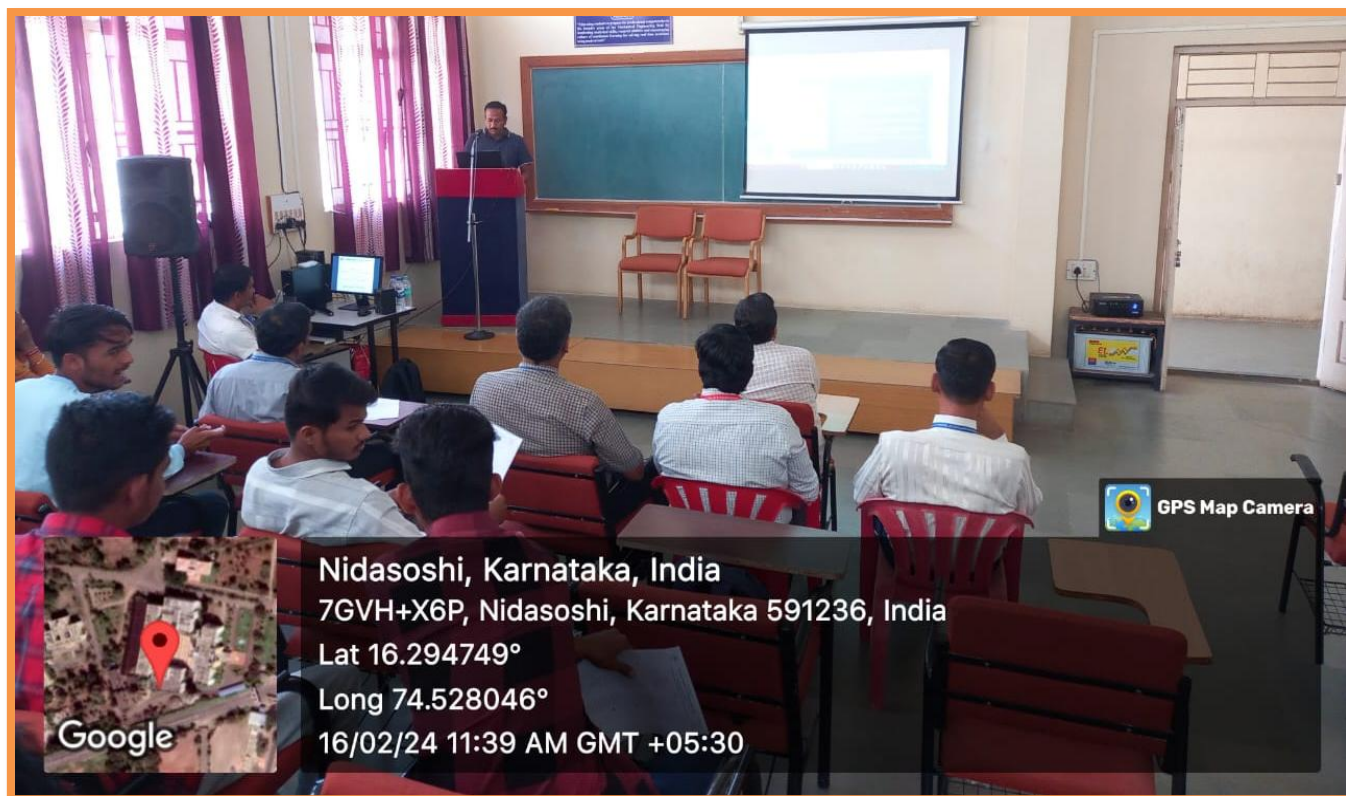
Staff and students are attended a technical talk on Entrepreneur – A job Creator held on 19th January 2024.



Dr. Amit. Gadagi, Associate Professor, Mechanical Engineering Department, KLE Technological University's Dr. M.S. Sheshagiri College of Engineering and Technology, Belagavi is interacting with students on the occasion of the technical talk on IPR and 3-D printing held on 19th January 2024.



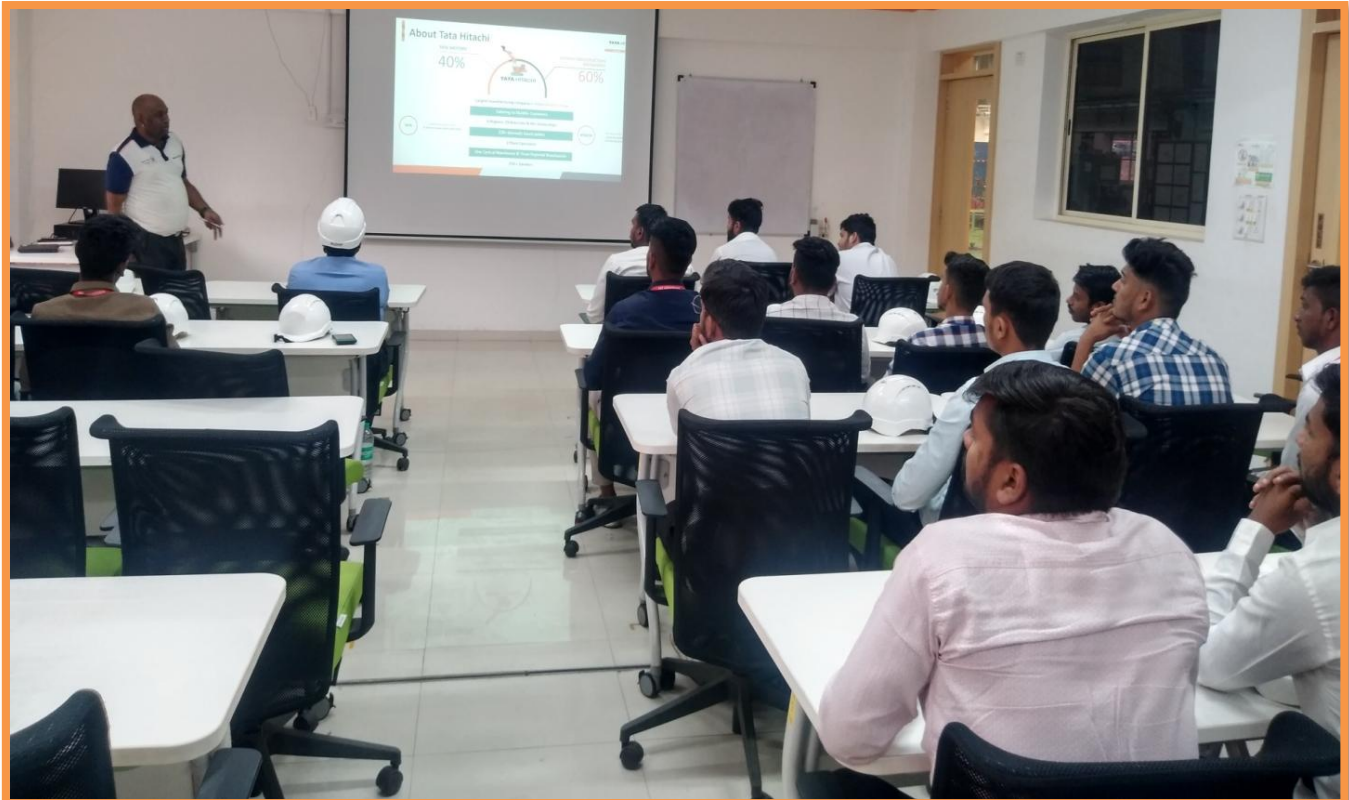
Staff and students are attended a technical talk on IPR and 3-D printing held on 19th January 2024.



Mr. Sandeep Patil, Technical Lead, Creative Synergy Group, Bangalore is interacting with students on the occasion of the technical talk on Employability Skills in Product, Design and Process held on 16th February 2024.



Staff and students are attended a technical talk on Employability Skills in Product, Design and Process held on 16th February 2024.



Plant engineer briefing about industry to the students at TATA HITACHI Construction Machinery Company Private Limited Dharwad- Karnataka held on 23rd March 2024.



Plant Technician is explaining about working of excavator to students at TATA HITACHI Construction Machinery Company Private Limited Dharwad- Karnataka held on 23rd March 2024.



Group photo of students and staff in the industry campus during industry visit at TATA HITACHI Construction Machinery Company Private Limited Dharwad- Karnataka held on 23rd March 2024.



Group photo of students and staff in the industry campus during industry visit at TATA HITACHI Construction Machinery Company Private Limited Dharwad- Karnataka held on 23rd March 2024.



Mr. Pradeep Basavaraj Nandagavi, Technical Lead, Aequs Aero structures Manufacturing India Private Limited Hattargi, Belagavi and Dr. S.S. Itannavar, Associate Professor, Electronics & Communication Engineering Department, Hirasugar Institute of Technology, Nidasoshi are interacting with students & evaluating students projects during Project Exhibition & Competition -2024 held on 13th May 2024.



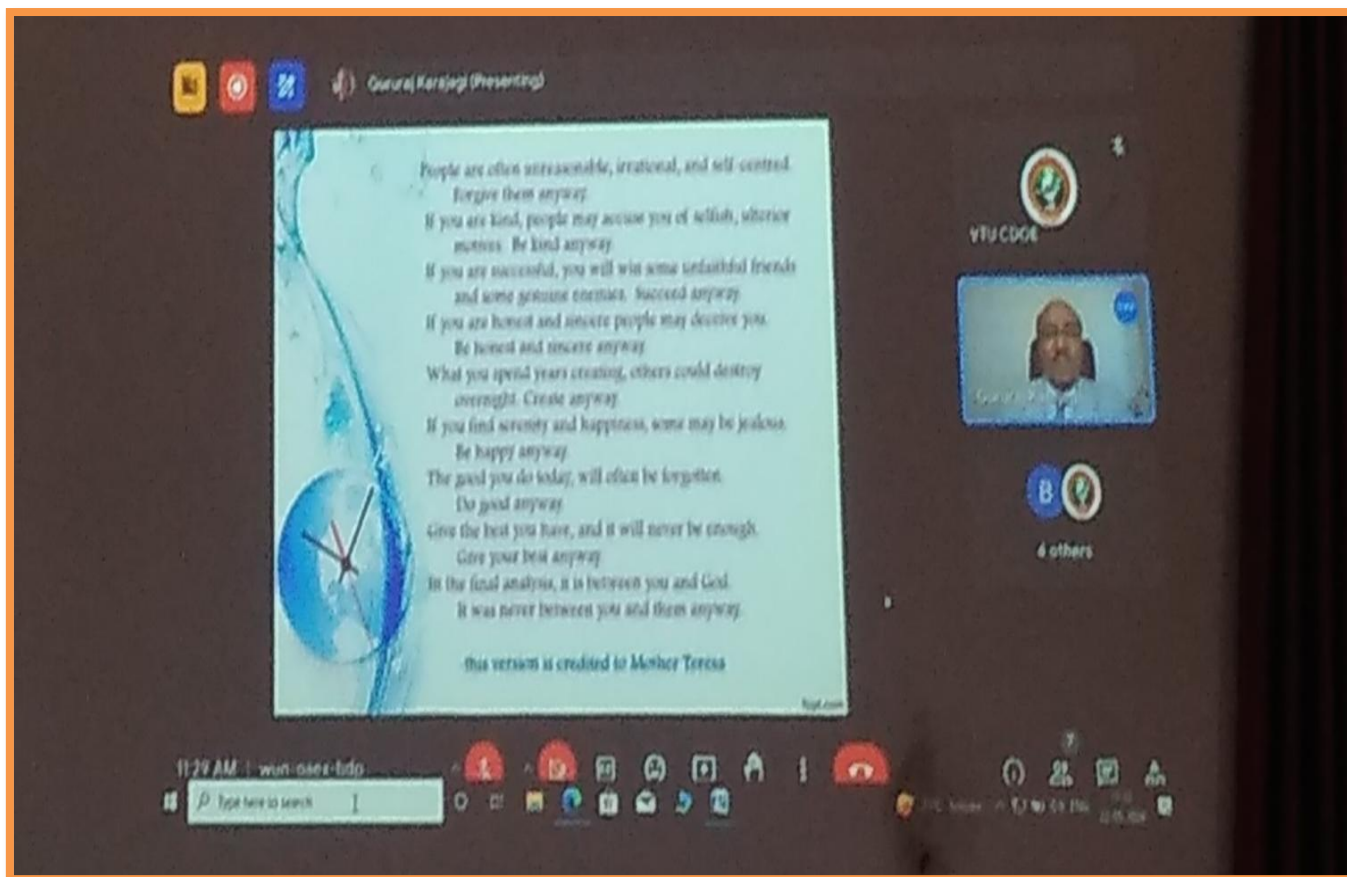
Mr. Pramod B. Ammanagi and his team members secured first prize in Project Exhibition & Competition -2024 event and receiving the cash prize & certificates from Jury member on 13th May 2024.



Mr. Pradeep Basavaraj Nandagavi, Technical Lead, Aequs Aero structures Manufacturing India Private Limited Hattargi, Belagavi is interacting with students on the occasion of a talk on Opportunities and Preparation of Interviews for AEQUS Aero Structures Manufacturing India Private Limited Hattargi, Belagavi held on 13th May 2024.



The staff and students attended the talk on Opportunities and Preparation of Interviews for AEQUS Aero Structures Manufacturing India Private Limited Hattargi, Belagavi held on 13th May 2024.



Dr. Gururaj Karajagi, Chairman, Academy for Creative Teaching Bangalore is delivering online talk on UHV Monthly Online Lecture Series on the Subject Integrity as a Value which is organized by VTU Universal Human Values Cell held on 22nd May 2024.



The staff and students are attended the online talk on UHV Monthly Online Lecture Series on the Subject Integrity as a Value which is Organized by VTU Universal Human Values Cell held on 22nd May 2024..



The pre-final year student, Mr. Vinay Hiremath is delivering the welcome speech on the occasion of ALOHA-24 A Farewell Function to Final Year Outgoing Students held on 31st May 2024. The chief guest, HOD, AIMSS coordinators and AIMSS secretary are present on the dais.



Dr. S. N. Topannavar, Professor and HOD, Mechanical Engineering Department, HSIT Nidasoshi is reading Annual Report of AY: 2022-23 in the presence of dignitaries, staff and students on the occasion of ALOHA-24 A Farewell Function to Final Year Outgoing Students held on 31st May 2024.



Mr. Basavaprabhu Wasedar, 2004 Batch Alumnus & Development Head, KIA Motors Bangalore is delivering the motivational talk to students on the occasion of ALOHA-24 A Farewell Function to Final Year Outgoing Students held on 31st May 2024. The chief guest, HOD, AIMSS coordinators and AIMSS secretary are present on the dais.



Felicitation to Dr. K. M. Akkoli, Associate Professor, Hirasugar Institute of Technology, Nidasoshi for received patent approval for his idea on Smart Oil Condition & Level Indicator in the year AY: 2023-24.



Felicitation to Dr. S. N. Topannavar, Professor and HOD, Mechanical Engineering Department, HSIT Nidasoshi for received research Grants of Rs. 40 Lakh & Rs. 1.5 lakh from Vision Group on Science & Technology (VGST), Government of Karnataka in the AY: 2014-15 & 2018-19 and Unnat Bharat Abhiyana (UBA), Government of India in the Ay: 2022-23 respectively.



Felicitation to Dr. M. M. Shivashimpi Associate Professor, HSIT Nidasoshi & Prof. D. N. Inamdar Assistant Professor, HSIT Nidasoshi for received research Grants of Rs. 20 Lakh from Vision Group on Science & Technology (VGST), Government of Karnataka in the AY: 2022-23.



Mr. Shivaprabhu Patrot, final year outgoing student has been awarded as **“Best Outgoing Boy”** of the department for the academic year 2023-24 during ALOHA-24 A Farewell Function to Final Year Outgoing Students held on 31st May 2024.



The final year student, Mr. Yogesh Dhonawade is receiving memorable memento from the dignitaries for securing first rank with 80.99 % in VI semester AY: 2022-23 during ALOHA-24 A Farewell Function to Final Year Outgoing Students held on 31st May 2024.



Group photo of staff & final year outgoing students on the occasion of ALOHA-24 A Farewell Function to Final Year Outgoing Students held on 31st May 2024.



Mr. Basavaprabhu Wasedar, 2004 Batch Alumnus & Development Head, KIA Motors Bangalore is delivering the talk on Entrepreneurship and IPR to students & staff on 31st May 2024.



Shot on OnePlus

Staff and students are attended the technical talk on Entrepreneurship and IPR held on 31st May 2024.



Prof. M. S. Futane, Chairman of ED Cell HSIT Nidasoshi is briefing about importance of seminar on guidelines to become an entrepreneur in presence of resource person and students held on 11th July 2024.



Mr. Shivaprasad Shivgiri, Founder and Managing Partner of Reverse Minds LLP, Belagavi and Co-founder Tillid Motors Private Limited Dharwad is delivering seminar on guidelines to become an Entrepreneur held on 11th July 2024.



Staff and students are attended the seminar on guidelines to become an Entrepreneur held on 11th July 2024.



Mr. Nikhil V Patil, SAP Consultant, Capgemini India Private Limited, Bengaluru and Dr. S.S. Ittannavar, Associate Professor, Electronics & Communication Engineering Department, Hirasugar Institute of Technology, Nidasoshi are interacting with students & evaluating student's projects during Mini Project Exhibition & Competition -2024 held on 31st July 2024.



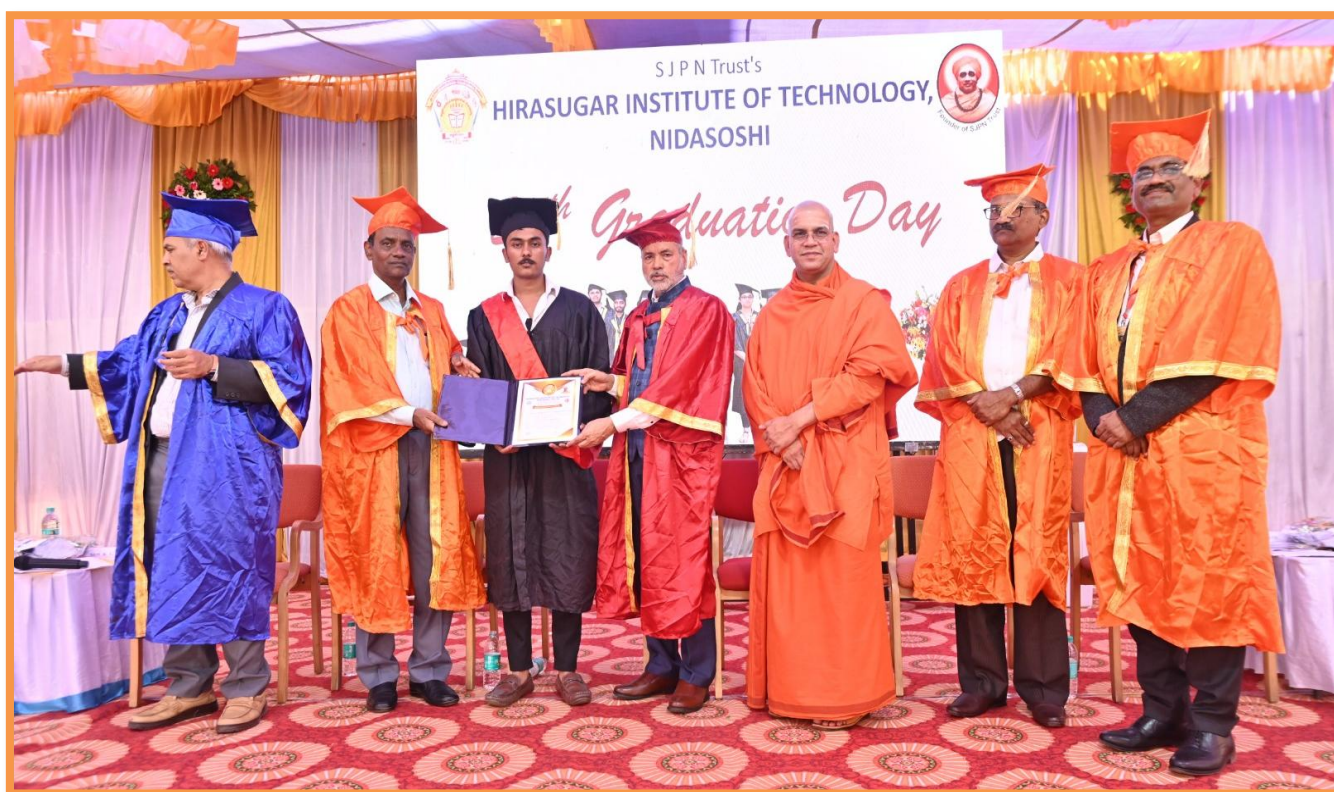
Students are demonstrating their project to Jury members during Mini Project Exhibition & Competition -2024 held on 31st July 2024.



Photo session of Jury member, staff and students project model during Mini Project Exhibition & Competition -2024 held on 31st July 2024.



Dr. S. C. Kamate, Principal, Hirasugar Institute of Technology, Nidasoshi is addressing to final year students on occasion of 25th Graduation Day held on 9th May 2024.



Shri. Subhash Tyagi, Chairman Gold Plus Float Glass Private Limited, Kanagala Industrial Area Hukeri Taluk, Karnataka and Shriman Niranjana Jagadguru Pancham Shri Nijalingeshwar Devaru Maha Swamiji is distributing graduation certificate to final year outgoing student on occasion of 25th Graduation Day held on 9th May 2024.



Group Photo of staff and final year outgoing students on occasion of 25th Graduation Day held on 9th May 2024.



Kannada Habba Celebration by the students in our campus on 6th May 2024.



Dr. S. C. Kamate, Principal, Hirasugar Institute of Technology, Nidasoshi is reading the annual report on occasion of Annual Social Gathering held on 8th May 2024.



Prof. C. M. Thyagaraj Vice Chancellor Rani Channamma University, Belagavi is addressing to students on occasion of HSIT SAMBHRAMA 2024 on 8th May 2024.



Participation of students in Cultural Activities on occasion of HSIT SAMBHRAMA 2024 held on 8th May 2024.



Participation of diploma students in Techno Vision 24, State Level Technical Competitions for Diploma students is conducted in our campus held on 2nd April 2024.



Dr. S. C. Kamate, Principal, HSIT Nidasoshi is distributing certificates to polytechnic students on occasion of TECHOVISION -24, State Level Project Competition organized by HSIT Nidasoshi on 2nd April 2024.



NAAC peer team is visited our department and verifying the documents by NAAC Member of Coordinator, Dr. Diwakar Reddy V. Professor Venkateswara University, Andhra Pradesh and NAAC Member, Dr. Satyendra Mishra, Retired Professor, University Institute of Chemical Technology, North Maharashtra University, Noida Uttarpradesh on the occasion of NAAC peer team visit to our Institute from 13th to 14th August 2024.



Dr. S.C. Kamate, Principal, Hirasugar Institute of Technology, Nidasoshi is welcome the NAAC peer team Chairman Dr. Sandeep Sancheti, VC, Marwadi University, Rajkot, Gujarat NAAC Member of Coordinator, Dr. Diwakar Reddy V. Professor Venkateswara University, Andhra Pradesh and NAAC Member, Dr. Satyendra Mishra, Retired Professor, University Institute of Chemical Technology, North Maharashtra University, Noida Uttarpradesh during Exit Meeting on the occasion of NAAC peer team visit to our Institute from 13th to 14th August 2024.



Shri. Nijalingeshwar Mahaswamiji of Siddha Sansthan Math Nidasoshi. Management members and staff members are attended Exit Meeting on the occasion of NAAC peer team visit to our Institute from 13th to 14th August 2024.



NAAC peer team Chairman Dr. Sandeep Sancheti, VC, Marwadi University, Rajkot, Gujarat NAAC Member of Coordinator, Dr. Diwakar Reddy V. Professor Venkateswara University, Andhra Pradesh and NAAC Member, Dr. Satyendra Mishra, Retired Professor, University Institute of Chemical Technology, North Maharashtra University, Noida Uttarpradesh are handover the confidential report to Dr. S.C. Kamate, Principal, Hirasugar Institute of Technology, Nidasoshi during Exit Meeting on the occasion of NAAC peer team visit to our Institute from 13th to 14th August 2024.



The Executive Committee of the national Assessment and Accreditation Council is pleased to declare Hirasugar Institute of Technology, Nidasoshi, affiliated to Visvesvaraya Technological University, Karnataka as Accredited with CGPA of 3.41 on four point scale at A⁺ Grade certificate is released by management during Press Meet on 28th August 2024.



Shri. Shivalingeshwar Mahaswamiji of Siddha Sansthan Math Nidasoshi and Management are appreciated to Dr. S.C. Kamate, Principal, Hirasugar Institute of Technology, Nidasoshi and Dr. S.N. Topannavar, IQAC Coordinator Hirasugar Institute of Technology, Nidasoshi and all staff members for NAAC Accreditation with CGPA of f 3.41 on four point scale at A⁺ Grade during Press Meet on 28th August 2024.



Shri. Shivalingeshwar Mahaswamiji of Siddha Sansthan Math Nidasoshi and Shri. Nijalingeshwar Mahaswamiji of Siddha Sansthan Math Nidasoshi are felicitated to Dr. S.C. Kamate, Principal, Hirasugar Institute of Technology, Nidasoshi and Dr. S.N. Topannavar, IQAC Coordinator Hirasugar Institute of Technology, Nidasoshi and all staff members for NAAC Accreditation with CGPA of f 3.41 on four point scale at A⁺ Grade on 19th September 2024.



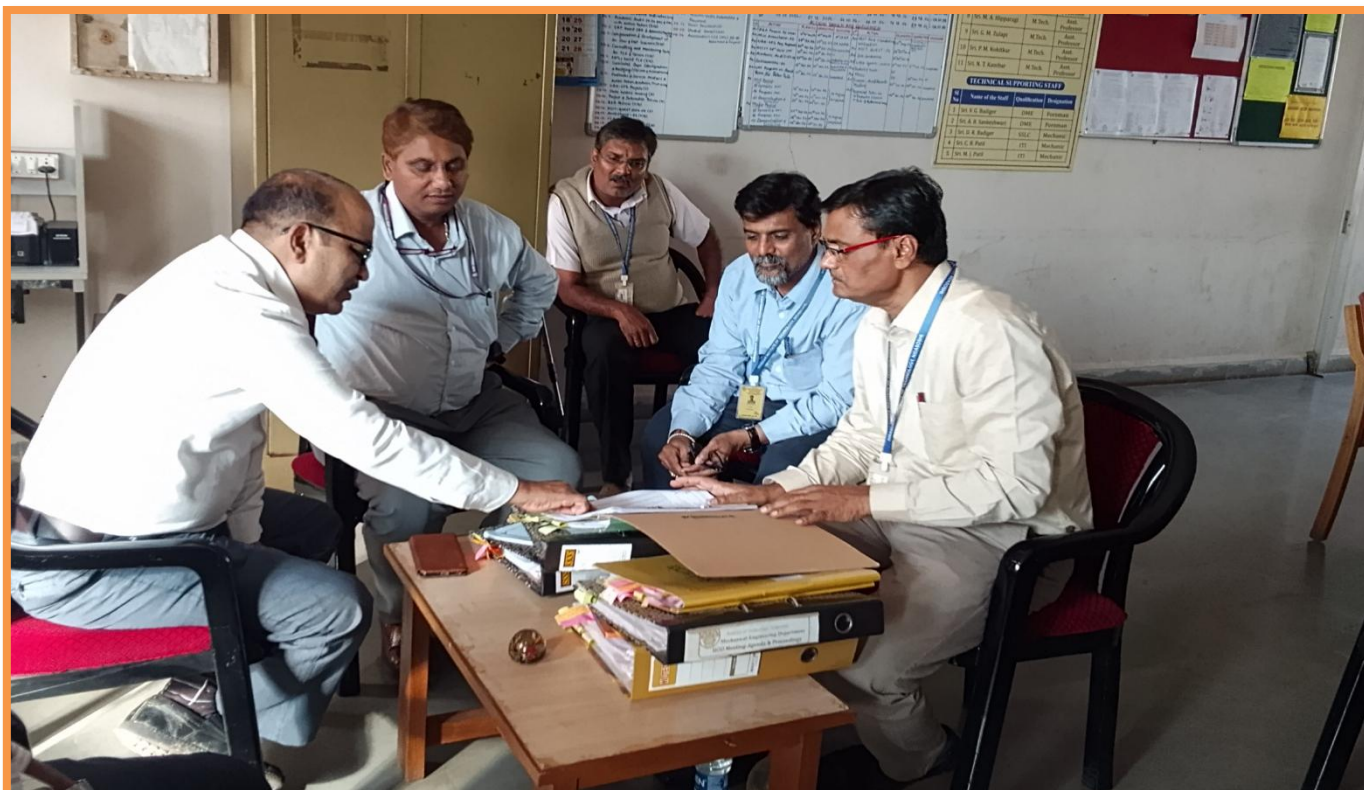
NSS Unit and Red Cross Cell of HSIT, Nidasoshi have jointly organized a Blood Donation Camp & Awareness Program on “Blood Donation” awareness Program. On this occasion Dr. Shreedevi explained about the importance of blood donation to students & all the staff on 23rd November 2024.



NSS unit have organized 78th Independence Day celebration function. The function is inaugurated by Principal Dr. S C Kamate by hosting the flag in the presence of all staff members and students on 15th August 2024.



World Environment Day is celebration by Dr. S C Kamate, HSIT Nidasoshi and all staff members on 5th June 2024.



Academic Audit for the AY: 2023-24 is conducting on 28th December 2024 Dr. Kalameshwar N. Patil, Associate Professor & Dy. Dean (R&D), Mechanical Engineering Department, SDMCET, Dharwad and Dr. Sunilkumar S Honnunar, Associate Professor & Dean (Placements), Mechanical Engineering Department, SDMCET, Dharwad are Auditing the Department Curriculum and Extracurricular Activities.

Program Educational Objectives (PEOs)

The Graduates will be able to

- PEO1:** Acquire core competence in Applied Science, Mathematics and Mechanical Engineering fundamentals to excel in professional career and higher study
- PEO2:** Design, demonstrate and analyze the mechanical systems which are useful to society.
- PEO3:** Maintain professional & ethical values, employability skills, multidisciplinary approach & an ability to realize engineering issues to broader social context by engaging in lifelong learning.

Program Specific Outcomes (PSOs)

- 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.
- PSO2:** Able to analyze and design basic mechanical system using relevant tools and techniques.
- PSO3:** Able to resolve contemporary issues of industries through industry institute interaction and alumni social networks

Program Outcomes (POs)

- PO1: Engineering knowledge-** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis-** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions-** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems-** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage-** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society-** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability-** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8: Ethics-** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9: Individual and team work-** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication-** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO11: Project management and finance-** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning-** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

NEWS LETTER 2023-24



Mechanical Engineering Department