

DEPARTMENT OF MECHANICAL ENGINEERING

ODD SEMESTER NEWS LETTER

Year: 2023-24 Volume: 01



SHRI MADHWA VADIRAJA INSTITUTE
OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar. Bantakal - 574 115



MESSAGE FROM THE HOD'S DESK



I hope this message finds you well. I wanted to take this opportunity to share some exciting updates from the Department of Mechanical Engineering at SMVITM, Bantakal. Over the past year, our department has achieved significant milestones in both academic excellence and research innovation. Our faculty members have continued to excel in their fields, contributing to groundbreaking research projects and publications. Our students have shown commendable performance in various competitions and have been actively involved in industry collaborations. Looking ahead, we are committed to further enhancing our curriculum to align with the latest industry trends and technological advancements. We aim to provide our students with a

holistic learning experience that prepares them to tackle real-world challenges with confidence and expertise. I encourage all of you to continue striving for excellence in your respective roles. Together, let us uphold the department's reputation for academic rigor and innovation.

Dr. Raja Yateesh Yadav

ABOUT THE DEPARTMENT



The Department of Mechanical Engineering at SMVITM started functioning in the year 2010. The student intake capacity of the Department is 30. Teaching and learning activities at the Department are designed in such a way as to stimulate intellectual curiosity, creativity and innovation in students. The Department has a well qualified and experienced team of faculty members who have their specializations in the different branches/areas of mechanical engineering. The highly committed faculty with their innovative ideas guides the students with their projects and industry assignments. The efforts of faculty, well experienced supporting staff, enabling learning environment and availability of modern facilities are reflected in the excellent performance of the students. Efforts are underway to set up a Research & Development centre to initiate the research activities at the Department.

The Department frequently conducts theoretical and practical technical sessions, industrial visits for the benefit of the students and faculty under the ISTE Students' and Faculty Chapters. These Chapters are actively involved in conducting technical talks and guest lectures by eminent personalities from the industry and academicians from reputed institutes like IISc., IITs and NITs. The Student Chapter is active in organizing career guidance programs, student talent search programs, seminars, workshops, etc. as co-curricular activities throughout the semesters.

DEPARTMENTAL ACTIVITIES

SI No	Event details	In association with, if any	Date(s) of event	Resource person(s)	Target Audience, if any
1	30 Hours Professional Development Program on "CNC Programming and Hands on Training"	ISTE Student Chapter	3 August 2023 to 8 September 2023	Mr. Sudhir, Mr. Karthik V and Mr. Srikanth Shettigar	2nd Year Mechanical Engineering Students
2	Industrial visit to Karavali Interiors & Furnitures, Manipal	ISTE student chapter and Entrepreneurship Development Cell of the institute	16 September 2023	Mr. Prasad, Engineer at the industry	2nd year students of Mechanical Engineering
3	Industrial visit to Varahi Hydel Project, Hosangadi, Udupi	ISTE student chapter and Entrepreneurship Development Cell of the institute	29 September 2023	Mr. Upendra Patkar, Executive Engineer, Turbines Section	Final year students of Mechanical Engineering
4	Career Guidance Program on "Entrepreneurial Career Prospects for Engineers"	Department of ECE, ISTE student chapter and ED Cell	13 October 2023	Dr. Manjunatha S, Assistant Professor (SL. Grade), Department of ME	7th Semester Students of Mechanical Engineering and E&C Engineering
5	Two weeks Internship Program on Electric Vehicle Technology and Designing	Electronics and Communication Engineering and institutional Electrical Vehicle Club	30 October 2023 to 12 November 2023	The Master Trainer-Mr. Dipesh Ranjan Sahoo, Assistant Trainers- Mr. Ashutosh Sahoo and Mr. Aman Ansari from Skyy Skill Academy (Skyy Rider Institutions), Hyderabad	Third year Students of Mechanical and Electronics & Communication Engineering
6	Invited talk on "Applications, Challenges and Recent Developments in the	Department of Civil Engineering and ISTE student chapter	14 December 2023	Dr. Arun Kumar H S, Assistant Professor (Sr.), Department of Mechanical and Industrial	All years and branches



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SMVITM


THE DEPARTMENTS OF MECHANICAL AND ELECTRONICS & COMMUNICATIONS ENGINEERING

In association with

EDC AND ISTE STUDENT CHAPTER
are organising a talk on

"ENTREPRENEURIAL CAREER PROSPECTS FOR ENGINEERS"



Dr Manjunatha S
Senior Assistant Professor
Department of Mechanical Engineering
SMVITM, Bantakal

Friday 13th October 2023 at 12:00 PM
Venue: Department of E&C Engineering



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Vishwothama Nagar, Bantakal, Udupi - 574 115, Karnataka, India



The Departments of Mechanical Engineering and
Electronics and Communication Engineering

and
The Electric Vehicle Club
cordially invite you all to the inauguration of



INTERNSHIP ON ELECTRIC VEHICLES

for 4th Semester ME and EC students

by



SKYY SKI
ACADEMY

Presided by
Dr Thirumaleshwara Bhat
Principal, SMVITM

30th October, 2023

Venue: Seminar Hall 2, Library Block

Time: 09:30 am

Engineering your career and character with care

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Vishwothama Nagar, Bantakal, Udupi - 574 115, Karnataka, India



Department of Mechanical Engineering
Department of Civil Engineering

in association with
ISTE Student Chapter
and



Institution's Innovation Council

organizing an invited talk on
Applications, Challenges and Recent Developments
in the Utilization of Solar Energy

On the occasion of
National Energy Conservation Day

by



Dr. Arun Kumar H S

Assistant Professor - Senior Scale
Department of Mechanical and Industrial Engineering, MIT, Manipal

Venue: Seminar Hall, Admin Block

Date: 14th December 2023 **Time:** 11:00 AM - 12:00 PM

All are Cordially Invited

SMVITM - Engineering your Career and Character with Care



The assembled Golf-cart was displayed in front of the main block and was test driven by Dr. Thirumaleshwara Bhat, Principal, Dr. Ganesh Aithal, Vice Principal and Dr. Sudarshan Rao, Dean (IQAC). The internship program was meticulously planned and executed by Dr. Raja Yatheesh Yadav, Head of Mechanical Engineering Department, Dr. Guruprasad, Head of Electronics and Communication Department, Internship coordinators Mr. Chetan and Mr. Karthik and EV club coordinators Mr. Ananth Mallya and Ms. Akshatha Rao.



Dr. Arun Kumar H S, Senior Assistant Professor in the Department of Mechanical and Industrial Engineering, MIT, Manipal was the resource person of the program. In his address, briefed the various applications of solar energy in the engineering field. He has explained the various modes of utilizing solar energy and the photovoltaic energy conversion process. In addition, the speaker has thrown light on the challenges and recent developments in the utilization of solar energy.



The course consisted of both theory sessions as well as hands on sessions with CNC machines. The course of 30 hours included:

- * Introduction to NC/CNC technology, Components of CNC machines, Coordinate systems, Incremental and absolute, Program structure, G-Codes and M-codes.
- * CNC programs for lathe operations like step turning, contour turning, thread cutting, drilling and grooving.
- * CNC Lathe Machine familiarization, Tool mounting and tool offset, Work mounting and work offset.
- * CNC programs for face milling and slot milling.
- * CNC Milling Machine familiarization, Tool mounting and tool offset, Work mounting and work offset.
- * CNC programs for contour milling using cutter radius compensation.
- * CNC Lathe - Program feeding and machining.
- * CNC programs for drilling and mirroring operation.
- * CNC Milling - Program feeding and machining.

Mr. Sudhir and Mr. Karthik V were the resource persons of the program. Mr. Srikanth Shettigar, Sr. Instructor in the department conducted the hands-on sessions utilizing the CNC machines.



As a part of the program, an industrial visit has organized to Karavali Interiors and Furnitures, Manipal Industrial Area, Manipal. The students have exposed to several automated machines in the wood working industry including tape binding, cutting and loading. The students have experienced working with a CNC machine for woodworking and carving.

Mr. Sudhir and Mr. Aditya Kudva S from the Department of Mechanical Engineering were the overall coordinators of the program.



Vision of the Department

"To be recognized as a center of eminence in mechanical engineering for research on modern technologies and comprehensive engineering education"

Mission of the Department

- * Develop transformative leaders in the field of mechanical engineering with an ability to work in a multi-disciplinary environment to fulfil the social requirements.
- * Give students a platform and an academic environment that will ensure the transfer of knowledge and skills.
- * Nurture the students' overall personality development through initiatives with high credibility, social effect and sustainability.

DEPARTMENTAL ACHIEVEMENTS

In July 2023, two faculty members of Mechanical Engineering department have received grants by Ministry of MSME, Government of India for innovative idea under National Level MSME Idea Hackathon 2.0. The Details are as follows.

Sl. No	Principal Investigator	Project title	Funding Amount (in Rupees)	Sanctioned Date/ Month	Funding agency
1	Mr. Aditya Kudva S, Assistant Professor (Selection Grade), Department of Mechanical Engineering	Development of High Strength Corrosion Resistant Magnesium Alloy for Biodegradable Implants	Rs. 9.35 Lakhs	July 2023	Ministry of MSME, Government of India for innovative idea under National Level MSME Idea Hackathon 2.0.
2	Mr. Karthik V, Assistant Professor (Sr.), Department of Mechanical Engineering,	Development of Tree D-Limber for Shade Trees in Coffee Plantation	Rs. 10.625 Lakhs	July 2023	
		Total	12,30,000/-		

FACULTY ACHIEVEMENTS

SI No	Name of faculty member with designation	Achievement	Date
1	Mr. Ananth Mohan Mallya, Assistant Professor (Sr.)	Received membership of International Association of Engineers society of Mechanical Engineering	02-Aug-23
2	Dr. Raja Yateesh Yadav, Associate Professor and Head	Recognized as an External Member of Board of Examiners (BOE) for B.Tech. in Mechanical Engineering at NITTE (Deemed to be University)	09-Sep-23
3		Member of an investigation committee to investigate the authenticity of the allegations in the tender process for the disposal of the scrap machineries of Dakshina Kannada Sahakari Sakkare Karkhane (DKSSK), Brahmavara	Dec-23
4		Recognized as Technical Peer Reviewer for the International Conference on Recent Advances in Science and Engineering (RAiSE-2023) organized by Department of Mechanical & Industrial Engineering, Manipal Institute of Technology, MAHE, Manipal in association with School of Engineering and IT, MAHE Dubai	4 and 5 October 2023
5		Recognized as Technical Peer Reviewer for the International Conference on Recent Advances in Science and Engineering (RAiSE-2023) organized by Department of Mechanical & Industrial Engineering, Manipal Institute of Technology, MAHE, Manipal in association with School of Engineering and IT, MAHE Dubai	4 and 5 October 2023
6	Mr. Aditya Kudva S, Assistant Professor (Selection Grade)	Recognized as Technical Peer Reviewer for the International Conference on Recent Advances in Science and Engineering (RAiSE-2023) organized by Department of Mechanical & Industrial Engineering, Manipal Institute of Technology, MAHE, Manipal in association with School of Engineering and IT, MAHE Dubai	4 and 5 October 2023
7	Dr. Raja Yateesh Yadav, Associate Professor and Head	Member of an investigation committee to investigate the authenticity of the allegations in the tender process for the disposal of the scrap machineries of Dakshina Kannada Sahakari Sakkare Karkhane (DKSSK), Brahmavara	Dec-23

FACULTY PAPER PRESENTATION & PUBLICATIONS IN CONFERENCE PROCEEDINGS

SI No	Name of faculty member with designation	Conference/Publication details	Conference period
1	Mr. Aditya Kudva S, Assistant Professor (Selection Grade)	"Effect of Anodization on Mechanical and Corrosion Behaviour of Accumulative Roll Bonded Mg-Zn/Al-7075 Composites" in the Two day International Conference on "Recent Advances in Science and Engineering (RAiSE-2023)", held at MAHE, Dubai RECEIVED BEST PAPER AWARD	04 & 05 October 2023

FACULTY PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL JOURNALS)

SI No	Name of faculty member with designation	Publication details	Publication period
1	Dr. Raja Yateesh Yadav, HoD, Associate Professor	"Study of Performance and Emission Characteristics of Four Strokes Indirect Injection (IDI) Diesel Engine with Diesel-Used Transformer Oil (UTO) Blends", in European Chemical Bulletin, ISSN:2063-5346, Volume 12, Issue 10, doi: 10.48047/ecb/2023.12.10.812, pp:11501-11508. (Scopus, Q3)	August 2023
2	Dr. Sudarshan Rao K, Dean (QA), Professor	,"Taguchi and Regression Analysis of Abrasive Wear Behavior of Carbon Epoxy Composite", Journal of Materials and Engineering (JME), Volume 1, Issue 2, ISSN:3009-3961, DOI: 10.61552/JME.2023.02.003, pp:68-73.	September 2023
3	Dr. Madhukara Nayak, Assistant Professor (Selection Grade)	"Soft Computing for Sustainable Drilling of AISI 316L Stainless Steel under Formulated Neem Oil Minimum Quantity Lubrication Condition", in Cogent Engineering, Volume 10, Issue 2, https://doi.org/10.1080/23311916.2023.2261231, pp: 1-22. (Scopus, Q2)	September 2023
4		"Soft Computing Approach for Optimization of Turning Characteristics of Elastomers under Different Lubrication Conditions", in Cogent Engineering, Volume 10, Issue 2, https://doi.org/10.1080/23311916.2023.2264066, pp: 1-17. (Scopus, Q2)	October 2023
5		"Exploring Women Entrepreneurs' Push-Pull Motives and Challenges: Empirical Evidence in an Emerging Economy", in International Journal of Sociology and Social Policy, ISSN: 0144-333X, https://doi.org/10.1108/IJSSP-09-2023-0210, pp: 1-20. (Scopus,Q1)	October 2023
6	Dr. Thirumaleshwara Bhat, Principal, Professor	,"Taguchi Method to Study the Performance and Emission Characteristics of CI Engine Fuelled with Blends of Jatropa Biodiesel & Titanium Dioxide Nanoadditive", in the Materials Today Proceedings (Elsevier), ISSN 2214-7853, Volume 92, Part 1, https://doi.org/10.1016/j.matpr.2023.04.340, pp:202-208. (Scopus, Q2)	November 2023
7	Mr. Ananth Mohan Mallya, Assistant Professor (Sr.)	"Automatic Temperature Control System for A 4-Stroke Air-Cooled Motorcycle Engine for Optimum Fuel Consumption", in Tuijin Jishu/Journal of Propulsion Technology, ISSN: 1001-4055, Volume 44, Issue 5, pp: 4672-4681. (Scopus, Q3)	November 2023
8	Dr. Madhukara Nayak, Assistant Professor (Selection Grade)	"The moderating effect of entrepreneurial motivation on the relationship between entrepreneurial intention and behaviour: An extension of the theory of planned behaviour on emerging economy", in F1000Research, Volume 12, https://doi.org/10.12688/f1000research.140675.1, pp:1-19. (Scopus, Q1)	December 2023
9	Dr. Raja Yateesh Yadav, HoD, Associate Professor	"Optimization of Rolling Process Parameters using ANOVA and FEM Simulation", in SSRG International Journal of Mechanical Engineering, ISSN:2348-8360, Volume 10, Issue 12, https://doi.org/10.14445/23488360/IJME-0112P103, pp:19-25. (Scopus, Quartile Not yet Assigned)	December 2023
10	Dr. Thirumaleshwara Bhat, Principal, Professor	"Investigating the impact of TiO2 filler on abrasive wear characteristics of bamboo fiber-reinforced epoxy composites using the Taguchi method ", in World Journal of Engineering, ISSN: 1708-5284, https://doi.org/10.1108/WJE-10-2023-0432, pp: 1-13. (Scopus, Q3)	January 2024

WORKSHOPS/FDP/SEMINAR/TRAINING PROGRAM WEBINAR ATTENDED/COMPLETED

Sl No	Name of faculty member with designation	Workshops / FDP / Seminar/ Training Program/ Webinar details	Date/Period of event
1	Dr. Madhukara Nayak, Assistant Professor (Selection Grade)	Half Week NPTEL- AICTE Online FDP on "Product Design and Development" commenced from with a consolidated score of 78%. (Roll No: NPTEL23ME123S44730039)	July to August 2023
2	Dr. Sudarshan Rao K, Dean (QA), Professor	Half Week NPTEL- AICTE Online FDP on "Ergonomics Workplace Analysis" with a consolidated score of 72% (Roll No: NPTEL23DE13S44730075)	July to August 2023
3	Dr. Manjunatha S, Assistant Professor (Selection Grade)	AICTE Organised Three Days Face to Face FDP on the theme "Inculcating Universal Human Values in Technical Education", at Vidyavardhaka College of Engineering, Mysuru	07 to 09 September 2023
4	Mr. Rajashankara A, Lab Instructor (Sr.)	One week Faculty Development program on "Modelling and Design for Manufacturing Excellence (MDME) using Fusion 360" at Srinivas Institute of Technology (SIT), Valachil, Mangaluru	09 to 13 September 2023
5	Dr. Bharath K Bhat, Assistant Professor (Selection Grade)		
6	Dr. Bharath K Bhat, Assistant Professor (Selection Grade)	One Day National Seminar on the topic "Packaging" at Ocean Pearl Hotel, Udupi organized by Ministry of Micro, Small & Medium Enterprises (MSME- Mangalore Region), Government of India	27 September 2023
7	Dr. Madhukara Nayak, Assistant Professor (Selection Grade)		
8	Mr. Sudhir, Assistant Professor (Sr.)	1½ Week NPTEL- AICTE Online FDP on "Operations and Supply Chain Management" with a consolidated score of 71% (Roll No: NPTEL23MG71S549300079)	July to October 2023
9	Dr. Sudarshan Rao K, Dean (QA), Professor	Three Day Faculty Development Program on "Introduction to Modelling and Design for the Manufacturing using Fusion 360 by AUTODESK" at A J Institute of Engineering and Technology, Mangaluru association with Visveswaraya Technological University, Belagavi and AUTODESK	06 to 08 November 2023
10	Dr. Manjunatha S, Assistant Professor (Selection Grade)		

FINAL YEAR INTERNSHIP DETAILS

Sl. No	USN	Student Name	Duration	Company/Agency of Internship
1	4MW20ME002	Ankith Suvarna	11.08.2023 to 11.09.2023	Adani Power Limited(APL, Udupi TPP)
2	4MW20ME003	Anshuman	18.08.2023 to 14.09.2023	HAL ARDC, Design Complex, Bengaluru
3	4MW20ME004	K N Shreesha Achar	18.08.2023 to 14.09.2023	HAL ARDC, Design Complex, Bengaluru
4	4MW20ME005	Karthik R Moolya	11.08.2023 to 11.09.2023	Adani Power Limited(APL, Udupi TPP)
5	4MW20ME006	Manjunath S Baradeli	11.08.2023 to 11.09.2023	Adani Power Limited(APL, Udupi TPP)
6	4MW20ME007	Mohammed Athiq	11.08.2023 to 11.09.2023	Adani Power Limited(APL, Udupi TPP)
7	4MW20ME008	Rohan U Palan	18.08.2023 to 14.09.2023	HAL ARDC, Design Complex, Bengaluru
8	4MW20ME009	Saurabh S Acharya	11.08.2023 to 11.09.2023	Adani Power Limited(APL, Udupi TPP)
9	4MW20ME010	Shodhan Shetty	11.08.2023 to 11.09.2023	Adani Power Limited(APL, Udupi TPP)
10	4MW20ME011	Sudeep N R	31.08.2023 to 14.09.2023	PTC Centre of Excellence, GTTC, Mangalore
11	4MW20ME012	Vikram	11.08.2023 to 11.09.2023	Adani Power Limited(APL, Udupi TPP)

ONLINE/OFFLINE COURSES ATTENDED/COMPLETED BY FACULTY AND STAFF

SI No	Name of faculty member with designation	Online/Offline Courses attended	Date/Period of event
1	Dr. Madhukara Nayak, Assistant Professor (Selection Grade)	NPTEL Online Course on "Product Design and Development" with a consolidated Score of 78% and bagged Silver Badge. (Roll No: NPTEL23ME123S44730039). Indian Institute of Technology, Roorkee.	July to August 2023
2	Mr. Ananth Mohan Mallya, Assistant Professor (Sr.)	NPTEL Online Course Certificate for successfully completed the course "Selection of Nanomaterials for Energy Harvesting and Storage Application" with a consolidated Score of 68% (Roll No: NPTEL23ME127S44730021). Indian Institute of Technology, Roorkee.	
3	Dr. Sudarshan Rao K, Dean (QA), Professor	NPTEL Online Course Certificate for successfully completed the course "Ergonomics Workplace Analysis" with a consolidated Score of 72% (Roll No: NPTEL23DE13S44730075). Indian Institute of Technology, Guwahati	
4	Mr. Karthik V, Assistant Professor (Sr.)	NPTEL Online Course Certificate for successfully completed the course "Fundamentals of Additive Manufacturing Technologies" with a consolidated Score of 69% (Roll No: NPTEL23ME112S749300039). Indian Institute of Technology, Guwahati	July to October 2023
5		NPTEL Online Course Certificate for successfully completed the course "Fundamentals of Manufacturing Processes" with a consolidated Score of 70% (Roll No: NPTEL23ME131S849300113). Indian Institute of Technology, Roorkee	
6	Dr. Manjunatha S, Assistant Professor (Selection Grade)	NPTEL Online Course on "Advanced Thermodynamics and Combustion" with a consolidated Score of 71% (Roll No: NPTEL23ME101S741500014) Indian Institute of Technology, Guwahati	
7	Mr. Sudhir S, Assistant Professor (Sr.)	NPTEL Online Course on "Operations and Supply Chain Management" with a consolidated Score of 71% (Roll No: NPTEL23MG71S549300079) Indian Institute of Technology, Madras	
8	Dr. Bharath K Bhat, Assistant Professor (Selection Grade)	NPTEL Online Course on "Business Fundamentals for Entrepreneurs (Part 1: Internal Operation)" with a consolidated Score of 93% and bagged Golden Badge. (Roll No: NPTEL23MG126S841500145). Indian Institute of Technology, Bombay	August to September 2023
10	Mr. Aditya Kudva S, Assistant Professor (Sr.)	Completed Online Course and received Virtual Energy Literacy Training Certificate by Energy Swaraj Foundation (Energy Honor Code: ELT23-9-432d)	02 September 2023
11	Dr. Sudarshan Rao K, Dean (QA), Professor	Swayam Course on "National Education Policy-2020: Professional Development Programme" with a consolidated Score of 73%	01 to 31 October 2023

PATENTS APPLIED/RECEIVED

SI No	Name of inventor(s)	Title with date	Patent Application No	Patent Status
1	Dr. Manjunatha S, Mr. Vignesh, Mr. Kiran, Mr. Likith, Mr. Lohith and Mr. Prashanth	A Solar Powered Grass Trimmer without Battery, 10 July 2023	202341046245	Applied
2	Dr. Manjunatha S, Assistant Professor (Selection Grade)	Invention entitled Dual Swirl Precombustion Chamber for IDI Diesel Engine, 07 November 2023	201841014796	Received

FACULTY NPTEL CERTIFICATES

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ANANTH MOHAN MALLYA
for successfully completing the course

Selection of Nanomaterials for Energy Harvesting and Storage Application

with a consolidated score of **68** %

Online Assignments	22.5/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **143**



Prof. Kaushik Ghosh,
Professor (Chemistry),
Coordinator CEC

Jul-Aug 2023
(4 week course)



Prof. Ranjana Pathania,
Professor (BSBE),
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

swayam

Roll No: NPTEL23ME127544730021 To verify the certificate No. of credits recommended: 1 or 2

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
BHARATH K BHAT
for successfully completing the course

Effective Engineering Teaching In Practice

with a consolidated score of **66** %

Online Assignments	21.25/25	Proctored Exam	44.63/75
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Total number of candidates certified in this course: **526**



Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2024
(4 week course)



Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24GE135547800005 To verify the certificate No. of credits recommended: 1 or 2

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KARTHIK V
for successfully completing the course

Computer Integrated Manufacturing

with a consolidated score of **86** %

Online Assignments	21.88/25	Proctored Exam	64.28/75
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Total number of candidates certified in this course: **1352**



Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Apr 2024
(12 week course)



Prof. Satyaki Roy
NPTEL, Coordinator
IIT Kanpur

Indian Institute of Technology Kanpur

swayam

Roll No: NPTEL24ME275669400075 To verify the certificate No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KARTHIK V
for successfully completing the course

Fundamentals of Additive Manufacturing Technologies

with a consolidated score of **69** %

Online Assignments	23.22/25	Proctored Exam	46.11/75
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Total number of candidates certified in this course: **328**



Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL, Coordinator, IIT Guwahati

Jul-Oct 2023
(12 week course)

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL23ME1125749300039 To verify the certificate No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KARTHIK V
for successfully completing the course

Fundamentals of Manufacturing Processes

with a consolidated score of **70** %

Online Assignments	20.63/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **520**



Prof. Kaushik Ghosh,
Professor (Chemistry),
Coordinator CEC

Jul-Oct 2023
(12 week course)



Prof. Ranjana Pathania,
Professor (BSBE),
Coordinator (NPTEL)

Indian Institute of Technology Roorkee

swayam

Roll No: NPTEL23ME1315849300113 To verify the certificate No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MADHUKARA NAYAK
for successfully completing the course

Business Fundamentals for Entrepreneurs (Part 1: Internal Operation)

with a consolidated score of **93** %

Online Assignments	22.83/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: **1377**



Prof. Siddhar Iyer
Head COEP & NPTEL, Coordinator
IIT Bombay

Aug-Sep 2023
(4 week course)

Indian Institute of Technology Bombay

swayam

Roll No: NPTEL23MG1265841500145 To verify the certificate No. of credits recommended: 1 or 2

FACULTY NPTEL CERTIFICATES

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MADHUKARA NAYAK
for successfully completing the course

Product Design and Development

with a consolidated score of **78** %

Online Assignments	22.5/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **951**

Prof. Kaushik Ghosh
Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator, CEC

Jul-Aug 2023
(4 week course)

Prof. Ranjana Pathania
Prof. Ranjana Pathania,
Professor (BSSE)
Coordinator (NPTEL)

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MANJUNATHA S
for successfully completing the course

Advanced Thermodynamics and Combustion

with a consolidated score of **71** %

Online Assignments	22.97/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **36**

Prof. T. V. Bharat
Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL, Coordinator, IIT Guwahati

Jul-Oct 2023
(12 week course)



Roll No: NPTEL23ME123S44730039

To verify the certificate



No. of credits recommended: 1 or 2

Roll No: NPTEL23ME1015741500014

To verify the certificate



No. of credits recommended: 3 or 4

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
RAJA YATEESH YADAV
for successfully completing the course

**Cooling Technology: Why and How Utilized in
Food Processing and Allied Industries**

with a consolidated score of **75** %

Online Assignments	24.38/25	Proctored Exam	50.5/75
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Total number of candidates certified in this course: **254**

Prof. Haimanti Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Jan-Apr 2024
(12 week course)

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SUDARSHAN RAO K
for successfully completing the course

Ergonomics Workplace Analysis

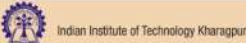
with a consolidated score of **72** %

Online Assignments	18.33/25	Proctored Exam	53.57/75
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Total number of candidates certified in this course: **44**

Prof. T. V. Bharat
Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL, Coordinator, IIT Guwahati

Jul-Aug 2023
(4 week course)



Roll No: NPTEL24AG015969400044

To verify the certificate



No. of credits recommended: 3 or 4

Roll No: NPTEL23DE13S44730075

To verify the certificate



No. of credits recommended: 1 or 2

Elite

NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SUDHIR
for successfully completing the course

Operations and Supply Chain Management

with a consolidated score of **71** %

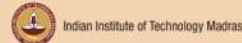
Online Assignments	23.13/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **132**

Prof. Devendra Jalilhat
Prof. Devendra Jalilhat
Chairperson,
Centre for Outreach and Digital Education, IITM

Jul-Oct 2023
(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Roll No: NPTEL23MG71S49300079

To verify the certificate



No. of credits recommended: 3 or 4



SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

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