



V.S.B. ENGINEERING COLLEGE

(An Autonomous Institution)

(Anna University Recognized Research Institute)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

NBA Accredited Courses, Accredited by NAAC



EDITION

2025-2026 ODD



NEWSLETTER

DEPARTMENT OF
MECHANICAL
ENGINEERING



CHAIRMAN'S MESSAGE



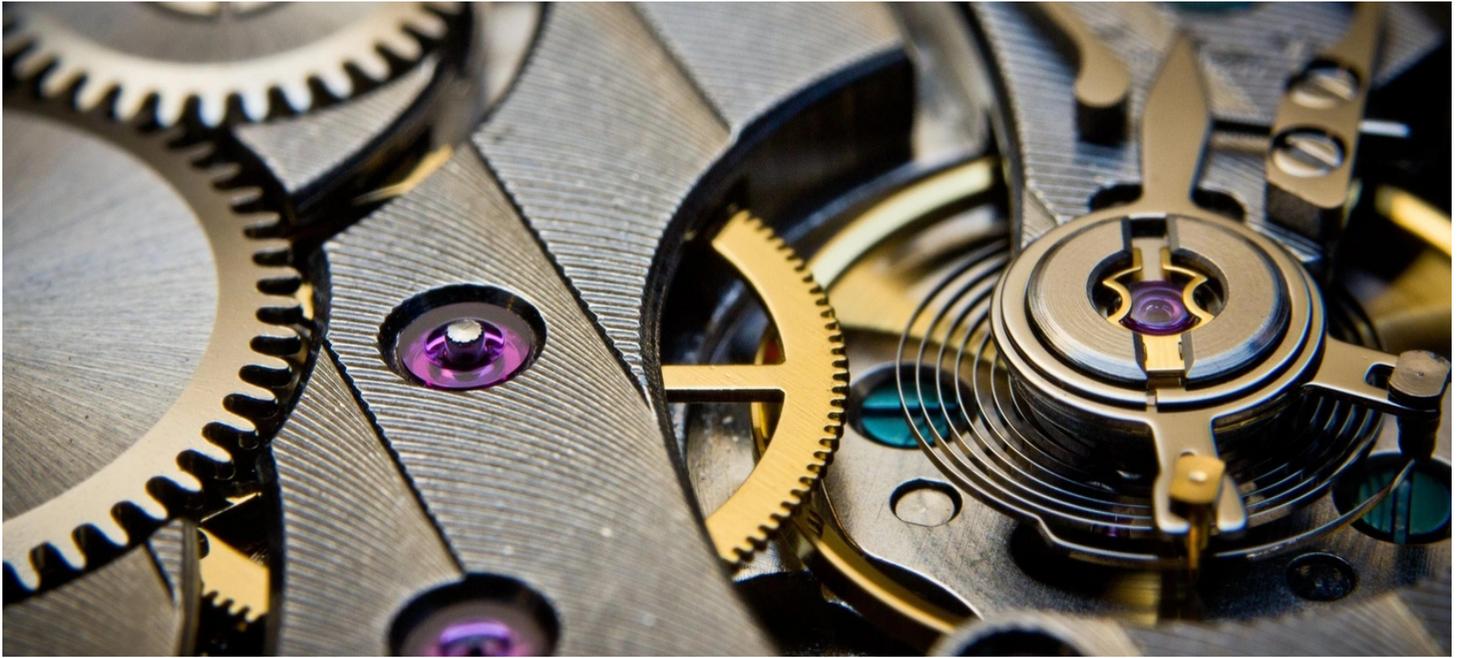
Shri. V.S. Balsamy
Founder's Message

Warm Greetings

Our Institution, a temple of learning and a hallmark of discipline, treads towards the zenith of glory by preferring the education of global standards in the best quality and variety, and substantiates to be a benchmark among all the colleges in India. The College Management, the members of the faculty and all other employees travail together with the resolution of grading our College at the topmost rung of the ladder of education. Within a short span of time, we have provided the students with all the requirements as necessitated by the University Norms. We give an impetus for ever to our V.S.B. Engineering College.

I cordially greet all the students, who strive for academic and moral excellence, to be a part of the V.S.B.Educational family and to graduate successfully as world-class professionals. I do always solicit the entrepreneurs / recruiters to conduct campus recruitment drive in our institution and I assure that our students will ascertain their expertise in the organizations in which they are recruited for mutual development.

OUR VISION & MISSION



VISION

To produce quality Human Resources in Mechanical Engineering through excellence in Teaching and innovative projects and thus to serve the society.

MISSION

1. To impart quality education through the State-of-the-art facilities
2. To motivate the students to pursue Higher education.
3. To promote research activities by encouraging the faculty and students to carry out projects.
4. To encourage the students to acquire entrepreneurial skills for the betterment of the Society

MAIN FEATURES

About the Department

Vision & Mission

Message From HOD

Faculty Messages

Student's Topper List

Result

Placement Record's

Faculty Activities

Student Activities Sports

MESSAGE FROM HOD



**Dr. K.R. Thangadurai, M.Tech., Ph.D.
Professor**

As a VSB Mechanical Engineering student, you're not just earning a degree; you're stepping into a legacy of innovation and impact. Mechanical engineering is the backbone of the modern world, and your education here at VSB is equipping you to be a driving force behind its future. VSB provides you with incredible opportunities to get your hands dirty. Embrace workshops, internships, and project work. The real learning happens when you apply what you've learned in the classroom to tangible problems. From sustainable energy solutions to advanced robotics, the problems you're learning to solve are the very challenges that will shape tomorrow. Your skills are in high demand and your potential for impact is immense. The concepts you're studying in thermodynamics, fluid mechanics, and material science aren't just abstract ideas. They are the fundamental principles that allow us to design, build, and optimize everything from a high-performance engine to a life-saving medical device. See the practical application in every equation. Mechanical engineering is inherently about finding solutions. Every design project, every lab experiment, every complex calculation is training your mind to think critically, creatively, and systematically. This ability will serve you well in any career path you choose. Your peers are your future colleagues and network. Work together on projects, learn from each other's strengths, and build lasting connections. The engineering world thrives on teamwork. The field of mechanical engineering is constantly evolving. Stay curious, read up on new technologies, and be open to continuous learning. Your adaptability will be one of your greatest assets. You have the power to design products that improve lives, develop systems that are more efficient, and contribute to solutions for global challenges. Think big and let your imagination soar. A mechanical engineering degree opens doors to a vast array of industries—automotive, aerospace, and manufacturing, energy, robotics, healthcare, and many more. Your skills are universally valuable. Beyond technical expertise, your education is preparing you to lead teams, manage projects, and drive innovation. Step up, take initiative, and make your mark.

FACULTY MESSAGE



Dr. T. Venkatamuni,
Professor,

I strongly encourage you to obtain membership in professional bodies such as ASME, SAE, ISTE, etc. These platforms enable valuable interactions with industry leaders and provide opportunities to participate in prestigious national-level events. Remember, education is not merely about gaining knowledge—it is about applying that knowledge to make a meaningful difference.

EDITORIAL MESSAGE



Mr. S. Vinoth Kumar, M.E., (Ph.D.)
Assistant Professor,
Thermal Engineering

"You Are The Virtuosos Of Your Own Odyssey, And Each Day Presents A Novel Opportunity To Construct A More Resplendent Tomorrow. Embrace The Intricacies Of Learning, Cultivate Resilience, And Foster A Symbiotic Community. Your Potential Is Boundless, And I Am Eager To Witness The Magnificent Accomplishments That Will Be Your Legacy. Persevere, Strive For Excellence, And Illuminate The World With Your Erudition!"

STUDENT EDITORIAL MESSAGE



"With every problem you solve, you become a master of mechanical solutions".

- IV Year Mech.



LIST OF FACULTY MEMBERS



Dr. T.S. Kirubashankar, M.E., Ph.D.
Assistant Professor,
Composite, Material Characterization

Dr. K.R. Thangadurai, M.Tech., Ph.D.
Professor,
Material and Composite Development,
Machining, Optimization



Dr. J. Selvakumar, M.E., Ph.D.
Professor,
Fatigue, Fracture Mechanics,
Mathematical Modeling

Dr. T. Kanagaraju, M.E., Ph.D.
Associate Professor,
Metal Cutting Process,
Cryogenic Machining



Dr. Natesh.M, M.E., Ph.D.
Assistant Professor,
Welding, Material Characterization

Dr. D. Amrishraj, M.E., Ph.D.
Assistant Professor,
Tribology, Metallurgy,
Additive Manufacturing



Dr. V. Velumani, M.E., Ph.D.
Assistant Professor,
IC Engine Bio Diesel



LIST OF FACULTY MEMBERS



Mr. A. Selvarasu, M.E., (Ph.D.)
Assistant Professor,
Engineering Design

Mr. S. Vinoth Kumar, M.E., (Ph.D.)
Assistant Professor,
Thermal Engineering



Mr. M. Dhanapal, M.E., (Ph.D.)
Assistant Professor,
Materials

Mr. A. Captan Prabakaran, M.E., (Ph.D.)
Assistant Professor,
3D printing



Mr. V. Vetrivelan, M.E., (Ph.D.)
Assistant Professor,
FEA, Composites, Design

LIST OF FACULTY MEMBERS



Mr. P. Devaraj, M.E.,
Assistant Professor,
Strength of Materials

Mr. G. Vairamani, M.E.
Assistant Professor,
Composites



Mr. G. Navaneethakrishnan, M.E.,
Assistant Professor,
Engineering Design

Mr. S. Pragash, M.E.,
Assistant Professor,
Thermal Engineering



Mr. K. Rajasekar, M.E.,
Assistant Professor,
Engineering Design

FACULTY NPTEL COURSE RESULT

S.No.	Name of the Students	Subject Name	Duration	Marks
NPTEL Course Details				
1	A. SELVARASU	ENGINEERING ECONOMIC ANALYSIS	AUG - OCT 2025	60%



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कृषिगत भारत

This certificate is awarded to

SELVARASU A

for successfully completing the course

Engineering Economic Analysis

with a consolidated score of **60** %

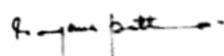
Online Assignments	22.5/25	Proctored Exam	37.75/75
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Total number of candidates certified in this course: **58**



Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Aug-Oct 2025
(8 week course)



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



Indian Institute of Technology Roorkee



FREE ONLINE EDUCATION
swayam
कौशल भारत, कृषिगत भारत

NPTEL ID: NPTEL20251851150209231

To verify the certificate



No. of credits recommended: 2 or 3

FACULTY PUBLICATION

S. No	Name of the Faculty	Title of the Paper	Name of the Journal	Volume/ Issue/ Journals/ conference	Month/ Year	SCI/WoS/ Scopus/ Others
1	Dr.K.R THANGADURAI	Experimental Studies and Analysis of Turning Parameters of Aluminium Hybrid Composite(Al-Al ₂ O ₃ 5% -Sic 5%-Csa 6%) Using Rsm	TELEMATIQUE	Volume 24 Issue 1,	July- 2025	WoS
2	Dr.V.Velumani	Investigation on the cooling rate and micro structural characteristics of cast-low melting alloys	Journal of Engineering and Technology management	Volume 77	July- 2025	SCI
3	Dr.T.Venkatamuni	Energy-Efficient IoT Solutions for Smart Cities	IEEE Xplore	IEEE Conference	July- 2025	IEEE Xplorer
4	Dr.T.Venkatamuni	Implementing Behaviour Analysis to Detect Cryptojacking using Machine Learning	Eksplorium	Volume 46 No. 2,	June 2025	Wos
5	Mr.S.Vinothkumar	Fabrication of Solar Water Heater Using Nano Fluids	TELEMATIQUE	Volume 24 Issue 1	Aug 2025	WoS
6	Dr.J.Selvakumar	Simulation of Tribological Behavior of Abs Composites Reinforced with Graphene under Dry Sliding condition	TELEMATIQUE	Volume 24 Issue 1	Sep- 2025	WoS
7	Dr.T.S.Kiruba Shankar	Influence of Nano-Zirconia on Mechanical and Tribological Behavior of Additively Manufactured Polylactic Acid Composites in Simulated Body Fluid Condition	ASME journal of tribology	Vol. 148	Sep- 2025	Scopus
8	Mr.A.Selvarasu	AI Applications In Forest Fire Prediction and Disaster Response	International Journal of Environmental Sciences	Vol. 11 No. 24	Sep- 2025	SCI
9	Mrs.P.Kokulasandhiya	“IOT And Machine Learning Integration For Predictive Environmental Modelling”	International Journal of Environmental Sciences	Vol. 11 No. 24s	Sep- 2025	SCI
10	Dr.T.Venkatamuni	Development of Micro-Aluminum for Electrically Conductive Lightweight Components	Journal of Polymer & Composites	Volume 13 No. 6	Aug 2025	WoS
11	Dr.T.Venkatamuni	Green upgrading and hydrogenation technologies in the refinement of sustainable fuels and mitigation of emissions	Oxidation Communications,	Volume48, No 3	Sep- 2025	Scopus
12	Dr.D.Amrishraj	Studies on high temperature wear behavior of Additively manufactured Ti-6Al-4V alloy using machine learning models	Journal of Materials Engineering and Performance.		Nov 25	Scopus
13	Mr.A.Selvarasu	Morphological & physical characteristics of Ceria (CeO ₂) doped Zirconia Toughened Alumina (ZTA) ceramics composites	Journal of Ceramic Processing Research	Vol. 26, No. 5	Nov 25	SCI
14	Dr.T.Venkatamuni	Solar-Responsive Photothermal Polymer Composites with Carbon Nanostructures for On-Demand Water Purification	Journal of Polymer & Composites	Volume 13 No. 6	Aug 2025	WoS
15	Mr.A.Selvarasu	Machine Learning Assisted IoT Systems for Pharmacy Management	European Journal of Clinical Pharmacy	Volume 25 No.1	DEC2025	Scopus
16	Mrs.P.Kokulasandhiya	IoT Based Real Time Monitoring of Drug Storage Conditions	European Journal of Clinical Pharmacy	Volume 25 No.1	DEC2025	Scopus

FACULTY PATTEN PUBLICATION

Note: Provide your Institution's Patent details (Only Utility Patents) Discipline-wise as applied for NIRF Ranking each in Separate List/Table (Only Published & Granted during 2022 – 2024 year-wise) strictly in this provided format, and clearly write/mention the Discipline & Institute ID above the List/Table as prescribed. **Details of the Design, Trademarks, or Copyrights, and only Filed Patents must be avoided. Those details should not be entered or provided in the list below as those won't be considered for the ranking.** Patent details must be submitted along with all the source proofs (attached) like screenshots, pdf, image file from databases like InPASS, WIPO, USPTO, Espacenet, Derwent Innovation, etc. and direct URL/Website links, etc.

Discipline Name applied for NIRF2026 Ranking: e.g. IR_OVERALL/IR_ENGINEERING/IR_MEDICAL/IR_PHARMACY/IR_DENTAL Institute ID: e.g. C-00000/U-00000

Provide below the Year-wise Count of Submitted Patent Data by the Institute (2022 to 2024) for NIRF2026 as applied in Discipline-specific:

Published_2022	Published_2023	Published_2024	Granted_2022	Granted_2023	Granted_2024	Total Published	Total Granted (2022-2024)
						0	0

Patent Details with proofs (Attach screenshots, pdf, image file, etc.):

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted	Assignee/s Name (Institute Affiliation/s at time of Application)	Here, attach Source Proof Screenshots/URL/ Website Links, etc.
1	202241023172 A	Published	Dr.D.Amrishaj	Multipurpose stairway	Dr.D.Amrishaj	20/04/2022	06-05-2022	202241023172 A	V.S.B.Engineering college,Karur	VIEW
2	202241023174 A	Published	Dr.D.Amrishaj	Manual Cum Automatic Seed Sowing Machine	Dr.D.Amrishaj	20/04/2022	06-05-2022	202241023174 A	V.S.B.Engineering college,Karur	VIEW
3	202241064442 A	Published	Dr.D.Amrishaj	GRASS CUTTING AND CHOPPING MACHINE	Dr.D.Amrishaj	11-11-2022	18/11/2022	202241064442 A	V.S.B.Engineering college,Karur	VIEW
4	202241064443 A	Published	Dr.K.R.Thangadurai	SMART WALKING AID	Dr.K.R.Thangadurai	11-11-2022	18/11/2022	202241064443 A	V.S.B.Engineering college,Karur	VIEW
5	202241064444 A	Published	Dr.P.Raju	PORTABLE AND FLEXIBLE TABLE	Dr.P.Raju	11-11-2022	18/11/2022	202241064444 A	V.S.B.Engineering college,Karur	VIEW
7	202341068519 A	Published	Dr.D.Amrishaj	Tipper lifter using scissor mechanism	Dr.D.Amrishaj	10-12-2023	27/10/2023	202341068519 A	V.S.B.Engineering college,Karur	VIEW
8	202341068520 A	Published	Dr.D.Amrishaj	Water channel cutting machine	Dr.D.Amrishaj	10-12-2023	27/10/2023	202341068520 A	V.S.B.Engineering college,Karur	VIEW
9	202441044946 A	Published	Dr.K.R.Thangadurai	CNC turning center retrofitting and upgradation	Dr.K.R.Thangadurai	11-06-2024	21/06/2024	202441044946 A	V.S.B.Engineering college,Karur	VIEW
10	202441046997 A	Published	Dr.K.R.Thangadurai	360 Degree rotating drilling machine	Dr.K.R.Thangadurai	19/06/2024	21/06/2024	202441046997 A	V.S.B.Engineering college,Karur	VIEW
11	202441047025 A	Published	Dr.K.R.Thangadurai	Pneumatic rammer for efficient metal molding in shipping industry	Dr.K.R.Thangadurai	19/06/2024	21/06/2024	202441047025 A	V.S.B.Engineering college,Karur	VIEW
12	202441061539 A	Published	Dr.V.Velumani	Eye blink sensor based Accident prevention system	Dr.V.Velumani	13/08/2024	23/08/2024	202441061539 A	V.S.B.Engineering college,Karur	VIEW
13	202441066122 A	Published	Dr.T.Venkatamani	Business process management system and method of automated container terminal	Dr.T.Venkatamani	01-09-2024	13/09/2024	202441066122 A	V.S.B.Engineering college,Karur	VIEW
14	202441068184 A	Published	Dr.K.R.Thangadurai	Automatic Fire Extinguishers	Dr.K.R.Thangadurai	10-09-2024	20/09/2024	202441068184 A	V.S.B.Engineering college,Karur	VIEW
15	202441080456 A	Published	Dr.T.Venkatamani	An Innovative time management system for increased productivity	Dr.T.Venkatamani	22/10/2024	25/10/2024	202441080456 A	V.S.B.Engineering college,Karur	VIEW
16	202441082999 A	Published	Dr.T.Venkatamani	An Alternate fuel assisted control system for IC engine and method thereof	Dr.T.Venkatamani	30/10/2024	08-11-2024	202441082999 A	V.S.B.Engineering college,Karur	VIEW
17	202441091506 A	Published	Dr.T.Venkatamani	Method for Synthesizing Low Dielectric Composite Material for Enhanced Energy Storage	Dr.T.Venkatamani	24/11/2024	29/11/2024	202441091506 A	V.S.B.Engineering college,Karur	VIEW
18	202441096106 A	Published	Dr.T.Venkatamani	IoT-Enabled Intelligent Fire Detection and Safety Management System	Dr.T.Venkatamani	05-12-2024	13/12/2024	202441096106 A	V.S.B.Engineering college,Karur	VIEW
19	202441098985 A	Published	Dr.T.Venkatamani	MEDIATING EFFECT OF MANAGEMENT INFORMATION SYSTEM	Dr.T.Venkatamani	13/12/24	20/12/24	202441098985 A	V.S.B.Engineering college,Karur	VIEW
20	202441075401 A	Published	Dr.T.Venkatamani	Novel heated chamber system for Performance analysis of charge valves in I.C. Engines	Dr.T.Venkatamani	04-10-2024	18/10/24	202441075401 A	V.S.B.Engineering college,Karur	VIEW
21	202441101695 A	Published	Dr.T.Venkatamani	A Novel Suspension System For Control Of Vibration In Vehicles	Dr.T.Venkatamani	21/12/2024	10-01-2025	202441101695 A	V.S.B.Engineering college,Karur	VIEW
22	202541008674 A	Published	Dr.T.Venkatamani	AI-BASED INTEGRATED BUSINESS PERFORMANCE MANAGEMENT SYSTEM	Dr.T.Venkatamani	03-02-2025	14/02/2025	202541008674 A	V.S.B.Engineering college,Karur	VIEW
23	202541006231 A	Published	Dr.T.Venkatamani	A WALL PANEL SYSTEM FROM ALUMINUM-SILICON COMPOSITE	Dr.T.Venkatamani	24/01/2025	31/01/2025	202541006231 A	V.S.B.Engineering college,Karur	VIEW
24	202541008674 A	Published	Dr.T.Venkatamani	AI-BASED INTEGRATED BUSINESS PERFORMANCE MANAGEMENT SYSTEM	Dr.T.Venkatamani	03-02-2025	14/02/2025	202541008674 A	V.S.B.Engineering college,Karur	VIEW
25	202541010807 A	Published	Dr.T.Venkatamani	A SMART NATURAL FIBER COMPOSITE WITH SELF-HEALING CAPABILITY	Dr.T.Venkatamani	09-02-2025	14/02/2025	202541010807 A	V.S.B.Engineering college,Karur	VIEW
26	202541012483 A	Published	Dr.T.Venkatamani	Port community system utilizing business process management for enhanced logistics	Dr.T.Venkatamani	13/02/2025	21/02/25	202541012483 A	V.S.B.Engineering college,Karur	VIEW
27	202541024891 A	Published	Dr.T.Venkatamani	Wind turbine blade system utilizing hemp and flax fiber composites for enhanced performance	Dr.T.Venkatamani	19/03/2025	28/03/2025	202541024891 A	V.S.B.Engineering college,Karur	VIEW
28	202541028839 A	Published	Dr.T.Venkatamani	A system and method for sentiment analysis and control of a robotic arm in a smart home	Dr.T.Venkatamani	26/03/2025	25/04/2025	202541028839 A	V.S.B.Engineering college,Karur	VIEW
29	202541062733 A	Published	Dr.T.Venkatamani	Compact gear reduction system with adaptive variable torque output	Dr.T.Venkatamani	01-07-2025	11-07-2025	202541062733 A	V.S.B.Engineering college,Karur	VIEW
30	202541066275 A	Published	Dr.T.Venkatamani	A system and method for optimizing global customer relationship management	Dr.T.Venkatamani	11-07-2025	18/07/2025	202541066275 A	V.S.B.Engineering college,Karur	VIEW
31	202521065624 A	Published	Dr.T.Venkatamani	A system and method for automated financial forecasting using adaptive machine learning	Dr.T.Venkatamani	09-07-2025	25/07/2025	202521065624 A	V.S.B.Engineering college,Karur	VIEW
32	202541067613 A	Published	Dr.T.Venkatamani	Segmented valve mechanism with integrated novel fuel injection system for enhanced engine performance	Dr.T.Venkatamani	15/07/2025	25/07/2025	202541067613 A	V.S.B.Engineering college,Karur	VIEW
33	202541015718 A	Published	Dr.K.R.Thangadurai	SMART WATER BOTTLE	Dr.K.R.Thangadurai	23/02/2025	07-03-2025	202541015718 A	V.S.B.Engineering college,Karur	VIEW
34	202541074871 A	Published	Dr.T.Venkatamani	Blockchain Enabled peer To Peer lending system with dynamic and decentralized interest rates	Dr.T.Venkatamani	06-08-2025	22/08/2025	202541074871 A	V.S.B.Engineering college,Karur	VIEW
35	202541076017 A	Published	Dr.T.Venkatamani	Portable solar-powered water heating system with integrated thermal energy storage	Dr.T.Venkatamani	10-08-2025	05-09-2025	202541076017 A	V.S.B.Engineering college,Karur	VIEW
36	430412-001	Granted	Dr.T.Venkatamani	Semi Automatic floor cleaning machine	Dr.T.Venkatamani	13/09/2024	04/11/2024	430412-001 2	V.S.B.Engineering college,Karur	VIEW
37	429067-001	Granted	Dr.T.Venkatamani	AI based human resource management system	Dr.T.Venkatamani	02-09-2024	25/10/2024	429067-001	V.S.B.Engineering college,Karur	VIEW
38	442983-001	Granted	Dr.T.Venkatamani	COMPUTER VISION BASED GROCERY INVENTORY KIOSK	Dr.T.Venkatamani	01-04-2025		442983-001	V.S.B.Engineering college,Karur	VIEW
39	451901-001	Granted	Dr.T.Venkatamani	CASING FOR VEHICLE ENGINE	Dr.T.Venkatamani	18/03/2025	30/06/2025	451901-001	V.S.B.Engineering college,Karur	VIEW
40										

FACULTY PHD

S.NO	FACULTY NAME	TITLE OF THE THESIS	DATE	IMAGE
01	M.DHANABAL	DEVELOPMENT OF SELF LUBRICATION CUO/ZTA CERAMIC COMPOSITES FOR MACHINABILITY EVALUATION	24.02.2025	
02	A.CAPTAIN PRABAKARAN	EFFECT OF POST PROCESSING ON THE SURFACE CHARACTERISTICS, MECHANICAL AND TRIBOLOGY BEHAVIOUR OF 3D PRINTED ACRYLONITRILE STYRENE ACRYLATE PARTS	09.04.2025	

AICTE-QIP-PG CERTIFICATION

S.NO	NAME OF THE FACULTY	PROGRAM	IMAGE
01	M.DHANABAL	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE @IIIT KOTTAYAM	

STUDENTS NPTEL COURSE

S.No.	Name Of the Students	CGPA	Course Name	Duration	Marks obtained
1.	R. Kishore	7.77	Data Structure and Algorithms using Java	Jul-Oct 2025	53%
2.	V. Thiruselvam	7.98	Product design and development	Jul-Aug 2025	64% (Elite)
3.	P. Bharanidharan	8.94	Advanced Machining Processes	Aug-Oct 2025	63% (Elite)
4.	V. Desika	7.85	Advanced Machining Processes	Aug-Oct 2025	51%

STUDENTS NPTEL COURSE RESULT



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
KISHORE R
for successfully completing the course

Data Structure and Algorithms using Java

with a consolidated score of **53** %

Online Assignments	22.94/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 3234

Jul-Oct 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS148S1060200157

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
THIRUSELVAM V
for successfully completing the course

Product Design and Development

with a consolidated score of **64** %

Online Assignments	22.42/25	Proctored Exam	42/75
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Total number of candidates certified in this course: 1255

Faculty

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jul-Aug 2025
(4 week course)

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



Indian Institute of Technology Roorkee





Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to

BHARANIDHARAN P

for successfully completing the course



Advanced Machining Processes

with a consolidated score of **63** %

Online Assignments	22.04/25	Proctored Exam	41.25/75
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Total number of candidates certified in this course: **640**

Aug-Oct 2025

(8 week course)

Dr. Salil Kashyap

Coordinator, Centre for Educational Technology,
IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL25ME153S970900553

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कुशल भारत

This certificate is awarded to

DESIKA V

for successfully completing the course



Advanced Machining Processes

with a consolidated score of **51** %

Online Assignments	20.67/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **640**

Aug-Oct 2025

(8 week course)

Dr. Salil Kashyap

Coordinator, Centre for Educational Technology,
IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL25ME153S964600092

To verify the certificate



No. of credits recommended: 2 or 3

STUDENTS EXTRA CURRICULAR ACTIVITIES : (PHOTOGRAPHY EVENTS)



This picture captures the serene essence of devotion, blending faith and artistic finesse. The student has beautifully portrayed spiritual depth through thoughtful composition and symbolic details, It stands as a graceful tribute to inner peace and divine connection



This artwork showcases a temple bathed in the warm hues of an evening sky, where spirituality meets the calm of nature. The artist skillfully blends architecture with the natural gradient of orange twilight. It evokes a sense of peace, Transition and divine serenity at dusk



DIVAKAR RETHINAVEL

2nd year

Department of Mechanical Engineering



"This serene image captures the pure elegance of a white Catharanthus flower in full bloom. The student's lens focuses on its gentle form and soft petals, reflecting peace and simplicity. It's a graceful tribute to the beauty in everyday flora."



"This close-up photograph captures the delicate charm of a small white flower, beautifully contrasted by its vibrant orange pollen. The student highlights nature's subtle details with clarity and grace. It's a gentle reminder of the quiet wonders often overlooked in our surroundings."



This candid photograph captures three hens in a natural, earthy setting, showcasing simplicity and rural charm. The student frames the moment with balance and detail, bringing life to an everyday scene. It's a warm portrayal of nature's rhythm and harmony in motion."



**Pradeep
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This artwork highlights the subtle charm of a lavender flower, rendered with attention to detail and color harmony. The soft lavender tones convey calmness and quiet strength. It's a fine example of how nature's elegance can be translated



This photograph captures the vertical elegance of the white snake gourd flower in its natural form. With its slender stem and intricate white petals, the image highlights the subtle beauty often missed by the naked eye. The student skillfully frames the composition to celebrate

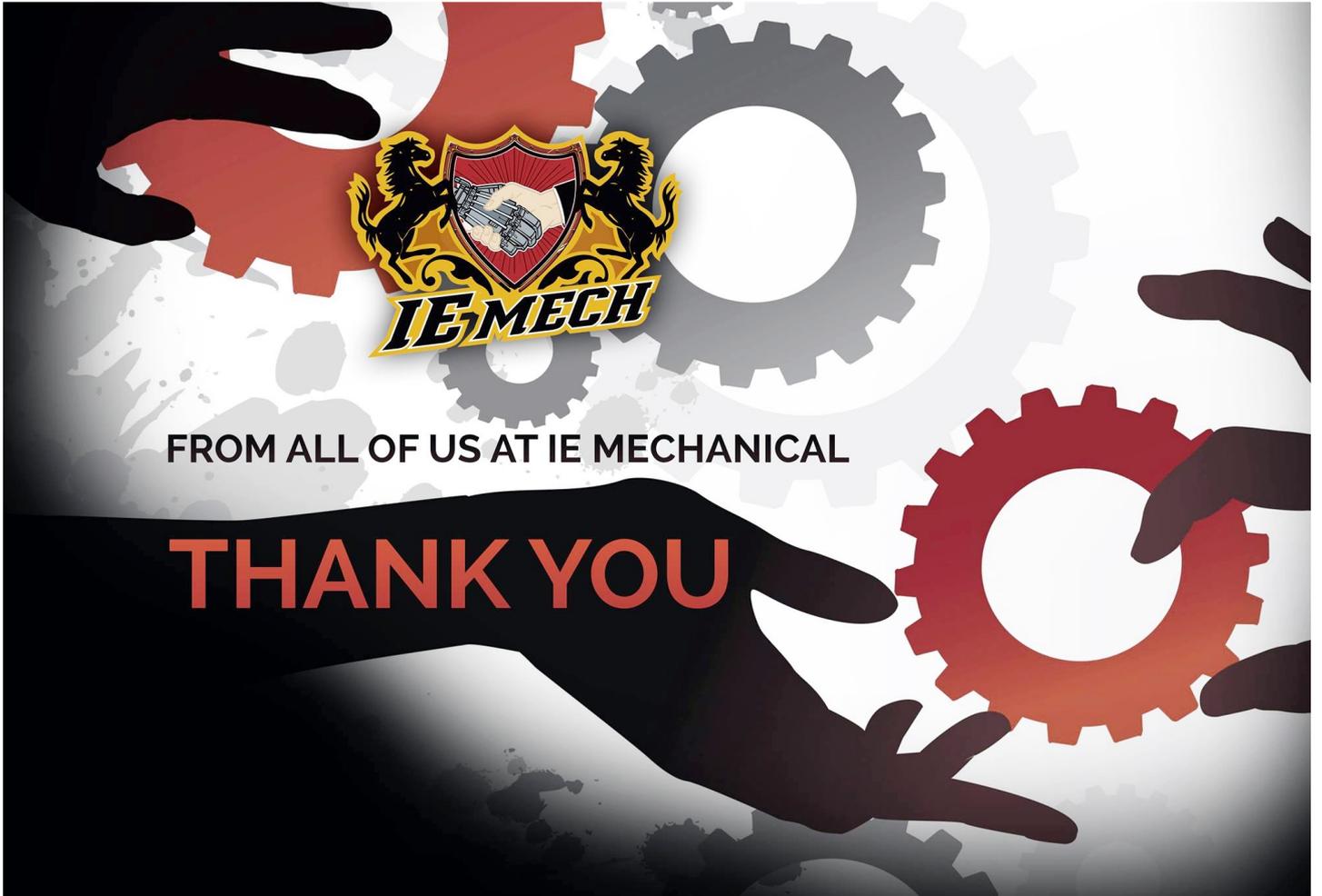


Delicately drawn, the snake gourd flower in white reveals the lesser-known elegance of this climbing vine. Its fine, thread-like petals are portrayed with scientific charm and artistic flair. The piece bridges botanical realism and Aesthetic

**KAMALESH A
2nd year
Department of Mechanical
engineering**



Thank You...



IT IS QUESTIONABLE WHETHER ALL THE MECHANICAL INVENTIONS EVER MADE HAVE LIGHTED THE LABOR OF ANY HUMAN BEING.

