

At a Glimpse

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ABOUT MECHANICAL DEPARTMENT

Mechanical engineers develop state-of-the-art technologies and exhilarating solutions for the mankind. We attempt to provide our students with a cheerful, productive and satisfying experience at all levels of their program of studies to explore the amazing world of mechanical engineering. The department has secured high repute through its quality of teaching, infrastructure & equipment. Teaching has been rendered by highly qualified and experienced faculty with good publications in reputed journals. The department is recognized as a research centre by JNTUK, Kakinada for pursuing Ph.D. programme in Mechanical Engineering. The department has spacious laboratories and well equipped with experimental set-ups as per the requirement of the curriculum. The faculty are very active and encourage the students in fabricating real models viz., Go-kart, Robots, Solar based vehicles and other working models, which are very useful in day-to-day life and teach students with live examples.

Vision

To be a center of excellence in Mechanical Engineering education and research

Mission

To promote trainings with institutional association

To provide skill-based education with focus on Automotive

To promote innovative ideas through creativity and leadership quality



Editorial Board:

1. Dr. CH V V M J Satish Asst. Professor
2. Mr. B Jagadish Asst. Professor
3. Mr. Lokesh Nagala (Student)
4. Mr. Veerababu Pilli (Student)
5. Mr. M. S. Sai Kumar (Student)
6. Mr. CH. Devi Prasad (Student)

Student Technical Events

SAE BAJA

BAJA SAE INDIA DYNAMIC EVENTS: Students of Mechanical engineering, EEE and ECE of ACET have shortlisted for BAJA SAE INDIA 2022 event, conducted at Pithampur Madhya Pradesh. In which students need to fabricate an ATV and it should have passed through these vehicle performance tests such as technical evaluation, weight, engine design as per rule book safety rules, Brake test, Acceleration test, Sledge pull, endurance students



Robo Expo

Robotics club Mechanical engineering Department has actively engaged in developing different robots for attending in several technical events and projects, they have organized Robo Expo event in the campus by involving Electronics communication and Computer science students

Robo Expo





NPTEL Certification

Elite

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

This certificate is awarded to
DR NITLA STANLEY EBENEZER
for successfully completing the course

Effective Engineering Teaching In Practice

with a consolidated score of **60** %

Online Assignments	21/25	Proctored Exam	38.51/75
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Total number of candidates certified in this course: **366**




Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM
 Jan-Feb 2022
(4 week course)
 Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL22GE05544481921 To validate and check scores: <https://nptel.ac.in/noc>

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR AKHILESH KUMAR SINGH
for successfully completing the course

Inspection and Quality Control in Manufacturing

with a consolidated score of **69** %




Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras
 (Feb-Mar 2022)
 Prof. Dileep N. Malkhede
Advisor (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22ME53514260804

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

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

This certificate is awarded to
DR KUNAPULI SIVA SATYA MOHAN
for successfully completing the course

IC Engines and Gas Turbines

with a consolidated score of **58** %

Online Assignments	20.13/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **662**



Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL22ME65544260414 To validate and check scores: <https://nptel.ac.in/noc>

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
P V S MURALIKRISHNA
for successfully completing the course

IC Engines and Gas Turbines

with a consolidated score of **63** %




Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras
 (Jan-Apr 2022)
 Prof. Dileep N. Malkhede
Advisor (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22ME65534260017

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
GOLLAPALLI VEERA SATYA SRINIVAS
for successfully completing the course

IC Engines and Gas Turbines

with a consolidated score of **60** %




Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras
 (Jan-Apr 2022)
 Prof. Dileep N. Malkhede
Advisor (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22ME65534260095

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

Elite

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

This certificate is awarded to
RATNALA PRASAD
for successfully completing the course

IC Engines and Gas Turbines

with a consolidated score of **69** %

Online Assignments	22.25/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: **662**



Prof. Hemant B Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL22ME65534260301 To validate and check scores: <https://nptel.ac.in/noc>

NPTEL Certification

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
M RAMBABU
for successfully completing the course
IC Engines and Gas Turbines
with a consolidated score of **51 %**

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras

M Rambabu

Prof. Dileep N. Malkhede
Advisor I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22ME65544080253

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RFG / FGP through MOOCs / 2017-18.

NPTEL-AICTE
Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ABDUL ARIF
for successfully completing the course
Effective Engineering Teaching In Practice
with a consolidated score of **58 %**

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras

Abdul Arif

Prof. Dileep N. Malkhede
Advisor I (Research, Institute & Faculty Development)
All India Council for Technical Education

Roll No: NPTEL22GE05534290124

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RFG / FGP through MOOCs / 2017-18.

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

This certificate is awarded to
VALLAPUREDDY SIVA NAGI REDDY
for successfully completing the course
IC Engines and Gas Turbines
with a consolidated score of **69 %**

Online Assignments	21.03/25	Proctored Exam	48/75
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Total number of candidates certified in this course: **662**

Prof. Neman B. Kaushik
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Vallapureddy Siva Nagi Reddy

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Roll No: NPTEL22ME65544260353

To validate and check scores: <https://nptel.ac.in/hoc>

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

This certificate is awarded to
BODDETI JAGADISH
for successfully completing the course
Effective Engineering Teaching In Practice
with a consolidated score of **67 %**

Online Assignments	21/25	Proctored Exam	45.78/75
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Total number of candidates certified in this course: **366**

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Boddeti Jagadish

Prof. Andrew Thangara
NPTEL Coordinator
IIT Madras

Roll No: NPTEL22GE05534290177

To validate and check scores: <https://nptel.ac.in/hoc>

Student Placements

Congratulations



**Kaja Kalki Bhagvan
Mahendra and**

**M Siva Krishna
Mahindra and**

**B V S Naveen Reddy
Mahindra and Mahindra**

**Y S Brahmaji
Mahindra and Mahindra**

Faculty Publications

Dr M Murugan has published in SCI indexed journal, paper entitled **Analysis of performance, combustion, and emission parameters in a reactivity-controlled combustion ignition (RCCI) engine—an intensive review.** International Journal of Ambient Energy, 1-10.



Dr CH V V M J Satish has published in a Scopus indexed journal, paper entitled **Collision-free Inverse Kinematics of Redundant Manipulator for Agricultural Applications through Optimization Techniques** in International Journal of Engineering



Dr K S S Mohan has published in scopus indexed journal, paper entitled **Artificial Neural Network Technique for Estimating the Thermo-Physical Properties of Water-Alumina Nanofluid** in Ecological Engineering & environment technology

