



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ROSHAN SHANKARLAL PALIWAL
for successfully completing the course



IC Engines and Gas Turbines

with a consolidated score of **55** %

Online Assignments	20.44/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **316**

Jan-Apr 2026
(12 week course)

Dr. Salil Kashyap
Coordinator, Centre for Educational Technology,
IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL26ME23S1161300050

To verify the certificate



No. of credits recommended: 4



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This certificate is awarded to
ROSHAN SHANKARLAL PALIWAL
for successfully completing the course



Fundamentals of Automotive Systems

with a consolidated score of **53** %

Online Assignments	23.31/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **455**

Prof. Andrew Thangaraj
Chair

Centre for Outreach and Digital Education, IITM

Jan-Apr 2026

(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL26DE12S161300266

To verify the certificate



No. of credits recommended: 4



NPTEL ONLINE CERTIFICATION

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This certificate is awarded to
YOGESH RAMESH SHIVARKAR
for successfully completing the course

Manufacturing Process Technology I & II

with a consolidated score of **55** %

Online Assignments	20.63/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: **617**

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

Jan-Apr 2026
(12 week course)

Prof. S. N. Prasad
NPTEL
IIT



Indian Institute of Technology Kanpur



Roll No: NPTEL26ME47S561300330

To verify the certificate

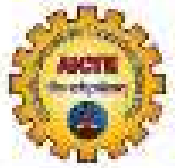


No. of credits recon



NPTEL-AICTE Faculty Development Programme

(Funded by the Min., Govt. of India)



This certificate is awarded to

DEVIDAS BABAJI VANVE

for successfully completing the course

Drone Surveying

with a consolidated score of **84 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Feb-Mar 2025)

Roll No. NPTEL26CE12S1161300009

Duration of NPTEL course : 4 Weeks

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 notification dated 18th Nov, 2023, similar to other refresher / orientation courses.
F.No. AICTE / RFD / FDP through MOOCs / 2023



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



Skill India
कौशल भारत - कुशल भारत



This certificate is awarded to
ROSHAN SHANKARLAL PALIWAL
for successfully completing the course

Sustainable Energy Technology

with a consolidated score of **60** %

Online Assignments	22.16/25	Proctored Exam	38.12/75
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Total number of candidates certified in this course: **2018**

Prof. B Umashankar
Chairperson, Centre for Continued Education (CCE)
IIT Hyderabad

Jul-Oct 2025
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Hyderabad



Roll No: NPTEL25ME178S663702513

To verify the certificate



No. of credits recommended: 3 or 4