

SRM TRP

ENGINEERING COLLEGE

ASPIRE

Academic Skills Placement Innovation Research
and Exploration

NEWSLETTER

VOLUME 16 | ISSUE 11
NOVEMBER 2025



CONTENT

VISION

To carve the youth as dynamic, competent, valued and knowledgeable Technocrats through research, innovation and entrepreneurial development for accomplishing the global expectations.

MISSION

M1: To Inculcate academic excellence in engineering education to create talented professionals.

M2: To Promote research in basic sciences and applied engineering among faculty and students to fulfill the societal expectations.

M3: To enhance the holistic development of the students through meaningful interaction with industry and academia.

M4: To foster the students on par with sustainable development goals thereby contributing to the process of nation building.

M5: To nurture and retain conducive lifelong learning environment towards professional excellence.

PATRON

Dr. R. Shivakumar

Chairman- SRM Group of Institutions

Mr. S. Niranjan

Co-Chairman- SRM Group of Institutions

EDITORIAL COMMITTEE

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Principal - SRM TRP Engineering College

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DEPARTMENT COORDINATORS

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Asst.Professor / Mech

Dr. Jino

Asst.Professor / Civil

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Asst.Professor / EEE

Mr. S.RAJESH

Asst.Professor / CSE

Mrs. A. Shiny Pershiya

Asst.Professor / ECE

CIVIL ENGINEERING

FACULTY ACHIEVEMENTS

Our faculty members have successfully completed multiple NPTEL certifications Integrated Waste Management , Advanced Geomatics Engineering and Architectural Approaches to Decarbonization building demonstrating their commitment to continuous learning, innovation, and professional excellence

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
B DHEEBIKHAA
for successfully completing the course
Integrated Waste Management for a Smart City

with a consolidated score of **90 %**

Online Assignments	23.44/25	Proctored Exam	66.25/75
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Total number of candidates certified in this course: **1779**

Jul-Oct 2025
(12 week course)

Prof. Rajamati Banaji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Ref No: NPTEL25CE12233270203357 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR R. JINO
for successfully completing the course
Advanced Geomatics Engineering

with a consolidated score of **53 %**

Online Assignments	22.88/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **144**

Jul-Oct 2025
(12 week course)

Prof. Koushik Ghosh,
Professor (Chemistry)
Coordinator IIT

Indian Institute of Technology (IIT) Kharagpur

Ref No: NPTEL25CE12233270203356 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
MANIMARAN S
for successfully completing the course
Architectural Approaches to Decarbonization of Buildings

with a consolidated score of **85 %**

Online Assignments	24.63/25	Proctored Exam	60.75/75
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Total number of candidates certified in this course: **419**

Jul-Oct 2025
(12 week course)

Prof. Anand Thangaraj
Dean
Centre for Curricula and Digital Education, IITM

Prof. Vignesh Muthurajyan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Ref No: NPTEL25AR303066200096 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
S FITCHAKANI
for successfully completing the course
Pavement Materials (Under Pavement Engineering)

with a consolidated score of **53 %**

Online Assignments	23.1/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **48**

Jul-Oct 2025
(12 week course)

Prof. Koushik Ghosh,
Professor (Chemistry)
Coordinator IIT

Prof. Rajamati Banaji
Coordinator (NPTEL)

Indian Institute of Technology Kharagpur

Ref No: NPTEL25CE12233270203354 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
REX J
for successfully completing the course
Accreditation and Outcome Based Learning

with a consolidated score of **61 %**

Online Assignments	15.5/25	Proctored Exam	45/75
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Total number of candidates certified in this course: **1958**

Aug-Oct 2025
(8 week course)

Prof. Rajamati Banaji
Coordinator NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Ref No: NPTEL25CE12233270203351 To verify the certificate No. of credits recommended: 2 or 3

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SURESHRAJ K
for successfully completing the course
Advanced Geomatics Engineering

with a consolidated score of **50 %**

Online Assignments	20.1/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **144**

Jul-Oct 2025
(12 week course)

Prof. Koushik Ghosh,
Professor (Chemistry)
Coordinator IIT

Prof. Rajamati Banaji
Coordinator (NPTEL)

Indian Institute of Technology Kharagpur

Ref No: NPTEL25CE12233270203359 To verify the certificate No. of credits recommended: 3 or 4



SRM TRP ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

SRM Nagar, Near Samayapuram, Trichy - 621 105



Department of Civil Engineering



Hearty Congratulations!

Student Achievers - NPTEL Jul -Dec 2025



SANGEETHA R

Sustainable Engineering Concepts
and
Life Cycle Analysis
Elite



MYTHILI VARSHA M

Sustainable Engineering Concepts
and
Life Cycle Analysis
Elite



ANUSHIAH J

Sustainable Engineering Concepts
and
Life Cycle Analysis
Successfully Completed



SIVARANJANI T

Sustainable Engineering Concepts
and
Life Cycle Analysis
Successfully Completed

SAB/V/OCT25/TRP/85/A

Department of Civil Engineering Heartily congratulates

1. Sangeetha R
2. Mythili Varsha M

For completing the NPTEL exam with Elite Certification &

3. Anushiah J
4. Sivaranjani T

For successfully completing the NPTEL Exam "Sustainable Engineering Concepts & Life Cycle Analysis" .

Hearty Congratulations students

CIVIL ENGINEERING

ALUMNI TALK



 **SRM TRP ENGINEERING COLLEGE**
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
SRM Nagar, Near Samayapuram, Trichy - 621 105

 **A+**
NAAC

The SDG Accord 

Department of Civil Engineering
Organizes

Alumini Talk on
Transforming Civil Engineering with BIM:
The Future of Infrastructure Design

Date: 5th November 2025, 11:30 AM to 12:30 PM | Venue : Seminar Hall
Who can attend - 2nd, 3rd & 4th Year Civil Engineering Students

 **Resource Person**
Ms. Reshma Judith
BIM Coordinator,
COWI India Pvt.Ltd

Outcomes

- ☑ To Enhance the student to understand smart technology and data-driven design using BIM.
- ☑ To expose the student to the industry requirement and show the importance of continuous learning

Google Meet : <https://meet.google.com/uoc-dkvw-vyr>

Chief Patron
Dr.M.Siva Kumar
Principal

Patron
Dr.V.Ramesh Kannan
Vice Principal

Convener
Dr. R. Vandhiyan
Associate Professor & Head, Civil

Coordinator
Mr.N.Senthil kumar
Assistant Professor, Mech
Alumni Overall Coordinator

Mr.K.Sureshraj
Assistant Professor, Civil

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Irungalur, Tamil Nadu, India

Xq22+vpm, Irungalur, Tamil Nadu 621105, In


Lat 10.951817° Long 78.752543°

Wednesday, 05/11/2025 11:47 AM GMT +05

Alumni Talk on BIM: Shaping the Future of Infrastructure Design

Department of Civil Engineering – SRM TRP Engineering College

The Department of Civil Engineering organized an insightful Alumni Talk titled “Transforming Civil Engineering with BIM: The Future of Infrastructure Design” on 5th November 2025 at the Seminar Hall. The session was aimed at enriching the knowledge of 2nd, 3rd, and 4th year Civil Engineering students about the emerging trends in digital construction.

 Resource Person

Ms. Reshma Judith

BIM Coordinator, COWI India Pvt. Ltd.




An esteemed alumna of the institution, she shared her expertise on the integration of Building Information Modeling (BIM) in modern infrastructure projects and how data-driven processes are redefining engineering design workflows.

ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHIEVEMENTS



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






This certificate is awarded to

MIRDULA S

for successfully completing the course
Machine Learning and Deep Learning - Fundamentals and Applications
with a consolidated score of **54 %**

Prof. Andrew Thiagaraj
NPTEL, Coordinator
IIT Madras





Oct-01-2025

Roll No: NPTEL25EE1815170502652 Duration of NPTEL course: 12 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 promotion under CAS as per AICTE notifications dated 16th Nov 2023, similar to other reflexive / orientation courses. F.No. AICTE / RFD / FDP through MOOCs / ODS

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






This certificate is awarded to

GAYATHRI D

for successfully completing the course
Machine Learning and Deep Learning - Fundamentals and Applications
with a consolidated score of **54 %**

Prof. Andrew Thiagaraj
NPTEL, Coordinator
IIT Madras



Oct-01-2025

Roll No: NPTEL25EE18151267902200 Duration of NPTEL course: 12 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 promotion under CAS as per AICTE notifications dated 16th Nov 2023, similar to other reflexive / orientation courses. F.No. AICTE / RFD / FDP through MOOCs / ODS

Mrs. MIRDULA S and Ms. GAYATHRI D have successfully completed the course Machine Learning and Deep Learning – Fundamentals and Applications with a consolidated score of 54%.

ATAL/RES/18/00000

Skill India
ATAL
AICTE
MAMCET

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Noida, Ghaziabad Marg, Vasant Vihar, New Delhi - 110029

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that **Mrs. MIRDULA S**, Assistant Professor of **MAM CIP ENGINEERING COLLEGE** has successfully completed & completed the course **Machine Learning and Deep Learning - Fundamentals and Applications** with a consolidated score of **54%** in the course **Machine Learning and Deep Learning - Fundamentals and Applications** from **03/11/2025** to **08/11/2025**.

Signature: **Dr. Senthil Kumar**
Director & Bureau Head
Training and Learning Bureau, AICTE

ATAL/RES/18/00000

Skill India
ATAL
AICTE
MAMCET

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Noida, Ghaziabad Marg, Vasant Vihar, New Delhi - 110029

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that **Ms. GAYATHRI D**, Assistant Professor of **MAM CIP ENGINEERING COLLEGE** has successfully completed & completed the course **Machine Learning and Deep Learning - Fundamentals and Applications** with a consolidated score of **54%** in the course **Machine Learning and Deep Learning - Fundamentals and Applications** from **03/11/2025** to **08/11/2025**.

Signature: **Dr. Senthil Kumar**
Director & Bureau Head
Training and Learning Bureau, AICTE

ATAL/RES/18/00000

Skill India
ATAL
AICTE
MAMCET

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Noida, Ghaziabad Marg, Vasant Vihar, New Delhi - 110029

AICTE Training and Learning (ATAL) Academy

Certificate

It is certified that **Mr. C. ANANDHAN**, Assistant Professor of **MAM CIP ENGINEERING COLLEGE** has successfully completed & completed the course **Emerging Trends in Next Generation Communication 5G-6G** with a consolidated score of **54%** in the course **Emerging Trends in Next Generation Communication 5G-6G** from **03/11/2025** to **08/11/2025**.

Signature: **Dr. Senthil Kumar**
Director & Bureau Head
Training and Learning Bureau, AICTE

Mrs. NIVEDAA GANESAN, Mr. C. ANANDHAN, Mr. M. VIJAY have participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Emerging Trends in Next Generation Communication 5G-6G at M.A.M. COLLEGE OF ENGINEERING AND TECHNOLOGY from 03/11/2025 to 08/11/2025.

ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY ACHIEVEMENTS



Elite
NPTEL ONLINE CERTIFICATION
 (Funded by the MCE, Govt. of India)

This certificate is awarded to
DR UMAMAHESWARI K
 for successfully completing the course
Introduction to Machine Learning
 with a consolidated score of **72 %**

Online Assignments	21.81/25	Proctored Exam	50.25/75
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Total number of candidates certified in this course: **8928**

Prof. Andrew Thorngate
 Director of Academic Affairs, IIT Delhi

Jul-Oct 2025
 (12 week course)

M. Vignesh
 Prof. Vignesh Muthukrishnan
 NPTEL Coordinator
 IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL23CS09150000001 To verify the certificate No. of credits recommended: 3 or 4

Dr. K. Umamaheshwari has successfully completed the course Introduction to Machine Learning with 72% and scored as 5% topper.

Elite
NPTEL ONLINE CERTIFICATION
 (Funded by the MCE, Govt. of India)

This certificate is awarded to
A SUGANTHA
 for successfully completing the course
VLSI Design Flow: RTL to GDS
 with a consolidated score of **75 %**

Online Assignments	24.00/25	Proctored Exam	50.75/75
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Total number of candidates certified in this course: **4360**

Prof. Sumit J. Dorak
 Director of Academic Affairs, IIT Delhi

Jul-Oct 2025
 (12 week course)

Prof. Andrew Thorngate
 NPTEL Coordinator
 IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL23EE1665570500019 To verify the certificate No. of credits recommended: 3 or 4

Dr. A. Sugantha has successfully completed the course VLSI Design Flow:RTL to GDS 75% and earned Elite with Silver.

Elite
NPTEL ONLINE CERTIFICATION
 (Funded by the MCE, Govt. of India)

This certificate is awarded to
VIJAY M
 for successfully completing the course
Cloud Computing
 with a consolidated score of **60 %**

Online Assignments	25/25	Proctored Exam	34.91/75
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Total number of candidates certified in this course: **27874**

Prof. Rajarathnam Ganesh
 Coordinator, NPTEL
 IIT Madras

Jul-Oct 2025
 (12 week course)

Indian Institute of Technology Madras

swayam

Roll No: NPTEL23CS1215417001386 To verify the certificate No. of credits recommended: 3 or 4

Elite
NPTEL ONLINE CERTIFICATION
 (Funded by the MCE, Govt. of India)

This certificate is awarded to
ANANDHAN C
 for successfully completing the course
Cloud Computing
 with a consolidated score of **60 %**

Online Assignments	24.69/25	Proctored Exam	34.83/75
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Total number of candidates certified in this course: **27874**

Prof. Rajarathnam Ganesh
 Coordinator, NPTEL
 IIT Madras

Jul-Oct 2025
 (12 week course)

Indian Institute of Technology Madras

swayam

Roll No: NPTEL23CS121541700137718 To verify the certificate No. of credits recommended: 3 or 4

Elite
NPTEL ONLINE CERTIFICATION
 (Funded by the MCE, Govt. of India)

This certificate is awarded to
SHINY PERSHIYA A
 for successfully completing the course
VLSI Design Flow: RTL to GDS
 with a consolidated score of **64 %**

Online Assignments	24.69/25	Proctored Exam	39.09/75
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Total number of candidates certified in this course: **4360**

Prof. Sumit J. Dorak
 Director of Academic Affairs, IIT Delhi

Jul-Oct 2025
 (12 week course)

Prof. Andrew Thorngate
 NPTEL Coordinator
 IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL23EE1665570500019 To verify the certificate No. of credits recommended: 3 or 4

Mr. M. Vijay, Mr. C. Anandhan and Mrs. Shiny Pershiya A have successfully completed the NPTEL course and earned Elite certifications.

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENTS



NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MIRDULA S
for successfully completing the course
Machine Learning and Deep Learning - Fundamentals and Applications
with a consolidated score of **54 %**

Online Assignments	22.78/25	Proctored Exam	31.5/35
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Total number of candidates certified in this course: 1755

Jul-Oct 2025
(12 week course)

Dr. Sathya Kashyap
Coordinator, Centre for Educational Technology
IT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL25EEIT051170305632 To verify the certificate

No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
THIRUVALAR SELVAN P
for successfully completing the course
Signal Processing for mm Wave Communication for 5G and Beyond
with a consolidated score of **55 %**

Online Assignments	25/25	Proctored Exam	30/35
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Total number of candidates certified in this course: 116

Jul-Oct 2025
(12 week course)

Prof. Rajmurali Ramani
Coordinator, IIT
IT Bangalore

Indian Institute of Technology Kharagpur

Roll No: NPTEL21EE16151220001267 To verify the certificate

No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
GAYATHRI D
for successfully completing the course
Machine Learning and Deep Learning - Fundamentals and Applications
with a consolidated score of **54 %**

Online Assignments	22.47/25	Proctored Exam	31.5/35
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Total number of candidates certified in this course: 1755

Jul-Oct 2025
(12 week course)

Dr. Sathya Kashyap
Coordinator, Centre for Educational Technology
IT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL25EEIT051167900790 To verify the certificate

No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
M KRISHNA RANI
for successfully completing the course
Machine Learning and Deep Learning - Fundamentals and Applications
with a consolidated score of **56 %**

Online Assignments	23.1/25	Proctored Exam	33/35
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Total number of candidates certified in this course: 1755

Jul-Oct 2025
(12 week course)

Dr. Sathya Kashyap
Coordinator, Centre for Educational Technology
IT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL25EEIT0511675000262 To verify the certificate

No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
PRIYADHARSHINI K
for successfully completing the course
Machine Learning and Deep Learning - Fundamentals and Applications
with a consolidated score of **53 %**

Online Assignments	22.5/25	Proctored Exam	30/35
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Total number of candidates certified in this course: 1755

Jul-Oct 2025
(12 week course)

Dr. Sathya Kashyap
Coordinator, Centre for Educational Technology
IT Guwahati

Indian Institute of Technology Guwahati

Roll No: NPTEL25EEIT051170302723 To verify the certificate

No. of credits recommended: 3 or 4

Faculty members from ECE have successfully completed various NPTEL courses.



Balamurali Krishna M from II ECE A has secured 2nd in District Level Badminton and received award on 23.11.2025 conducted by Badminton Academy.

ELECTRICAL AND ELECTRONICS ENGINEERING

STUDENT ACHIEVEMENTS



Our students have successfully completed NPTEL certifications Solar Energy Engineering and Technology , Electronic Systems Design: Hands-on Circuits and PCB Design with CAD Software and Introduction to Internet of Things

ELECTRICAL AND ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENTS



NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
J. AMUDHA
for successfully completing the course
Introduction to Machine Learning
with a consolidated score of **57 %**

Online Assignments	23.03/25	Proctored Exam	34.13/75
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Total number of candidates certified in this course: 8928

Jul-Oct 2025
(12 week course)

Prof. Andrew Thorpe
Centre for Educational Digital Innovation, IITM

M. Vignash
Prof. Vignash Muthuswamy
NPTEL, Supervisor
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL29CS0152000423 To verify the certificate

No. of credits recommended: 3 or 4

Dr. J. Amudha has successfully completed the NPTEL 12-week course on "Introduction to Machine Learning".

Mr. J. Subramanian has successfully completed the NPTEL 12-week course on "Solar Engineering and Technology".

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SUBRAMANYAN J
for successfully completing the course
Solar Energy Engineering and Technology
with a consolidated score of **57 %**

Online Assignments	22.69/25	Proctored Exam	34.09/75
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Total number of candidates certified in this course: 625

Jul-Oct 2025
(12 week course)

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

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL25GES3S1066200107 To verify the certificate

No. of credits recommended: 3 or 4

Dr. S. Heeravathi has successfully completed the NPTEL 12-week course on "Solar Engineering and Technology".

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR S HEERAVATHI
for successfully completing the course
Solar Energy Engineering and Technology
with a consolidated score of **54 %**

Online Assignments	23.69/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 625

Jul-Oct 2025
(12 week course)

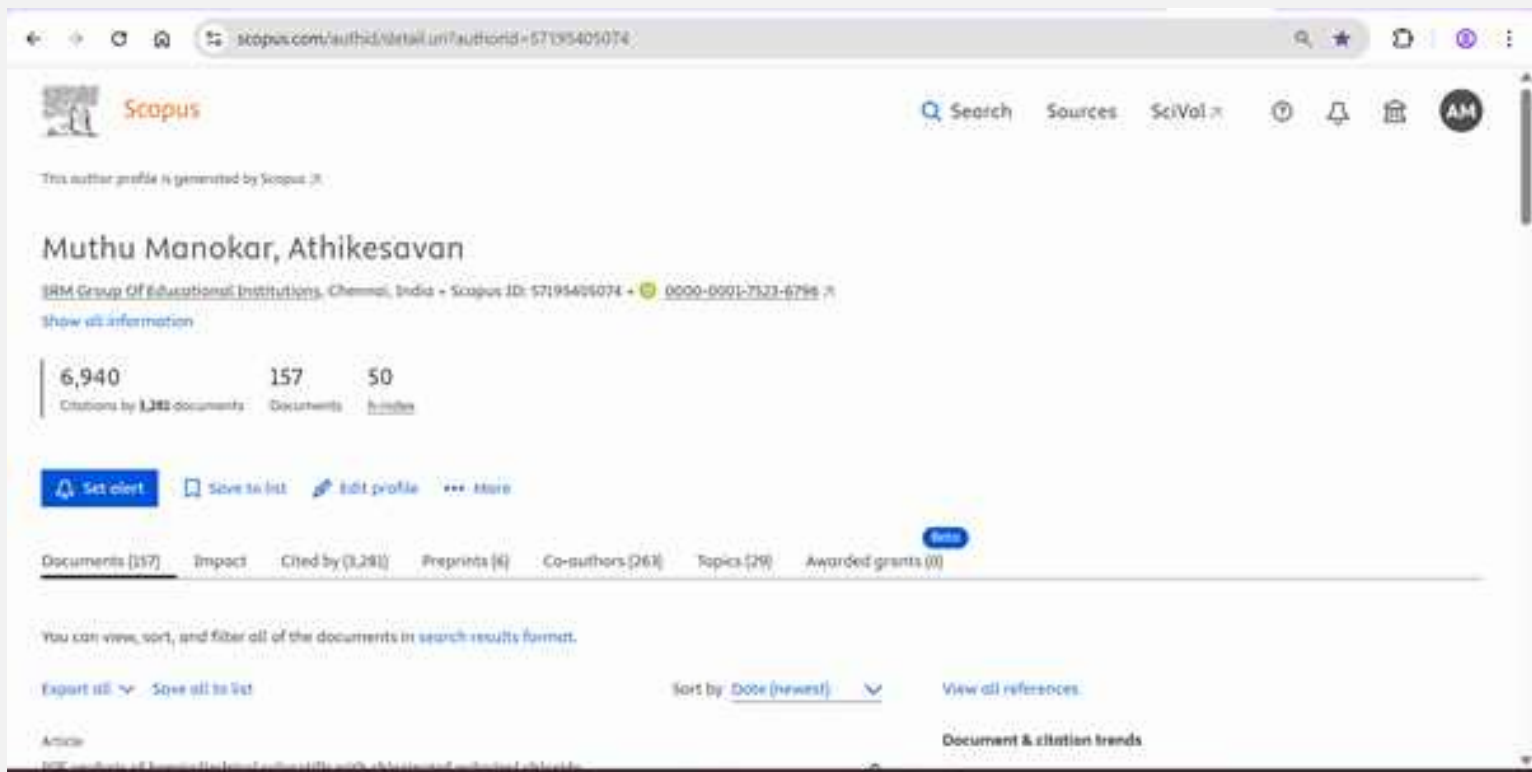
Dr. Sali Kashyap
Coordinator, Centre for Educational Technology
IIT Guwahati

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL25GES3S1070502946 To verify the certificate

No. of credits recommended: 3 or 4



Dr. A. Muthu Manokar has reached an exceptional milestone in research excellence and global academic impact. His updated Scopus metrics reflect his remarkable contributions to the scientific community and sustained research productivity.

Key Research Achievements:

- 157 scholarly publications
- 6,940 citations from 3,281 citing documents
- h-index: 50, demonstrating strong influence and consistent high-quality research



Review History Report

Athikesavan MUTHU MANOKAR



From: 1 November 2025 To: 30 November 2025
All dates in GMT

Total journals reviewed for:	3
Total reviews completed:	4

	Desalination and Water Treatment	2
	Results in Engineering	1
	Separation and Purification Technology	1

Dr. A. Muthu Manokar has served as a reviewer for high-impact factor journals published by Elsevier. His expert evaluations contribute to maintaining the quality and integrity of top-tier scientific publications.



SRM Trichy Run – World Heart Day & Pink October Awareness Run

We are proud to congratulate our CSE Department achievers who brought laurels to our institution:

Faculty

- 🏆 Mrs. Devi, AP/CSE – 1st Place (Above 30 Years Category)
- 🏆 Mrs. P. Komala, AP/CSE – 9th Place (Above 30 Years Category)

Student

- 🏆 Ms. V. Vaishnavi, III Year AIDS – 6th Place (Student Category)

The poster features the SRM TRP Engineering College logo at the top left, followed by the college name and accreditation details. It lists the organizing departments and clubs, the event title, date, time, and venue. A circular portrait of the resource person, Mr. Amiya Behera, is shown next to his name and title. Below this, the 'Outcome' section describes the learning objectives. The bottom part of the poster lists the convenors and coordinators, along with contact information for the college.

SRM TRP ENGINEERING COLLEGE
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
SRM Nagar, Near Samayapuram, Trichy - 621 105

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
AND ARTIFICIAL INTELLIGENCE & DATA SCIENCE**
in association with
IEEE STUDENT BRANCH & DATA ALCHEMIST CLUB
Organize
INDUSTRY TECH - TALK SERIES
TRACK : Industry Use cases using Generative AI

DATE: 28th November 2025, 10:15 AM to 3:15 PM | Venue : Fifth Floor, Seminar Hall
Who can Attend - Faculty Members and Students of CSE and AI&DS

Resource Person
Mr. Amiya Behera
Chief Executive Officer, Tigerworld Technologies

Outcome
After this event students will be able
To understand the applications of AI / Generative AI in various industries.

Convenors
Dr. P. Sudhakaran
Prof. and Head, CSE
Dr. R. Perumalraja
Prof. and Head, AI&DS

Coordinators
Mrs. C. Lenat Sughirdha
Mrs. S. Jalini

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Industry Tech - Talk Series #3

Track: Industry Use Cases using Generative AI

The Department of Computer Science & Engineering and Artificial Intelligence & Data Science of SRM TRP Engineering College, in association with IEEE Student Branch and Data Alchemist Club, proudly organize an Industry Tech - Talk Series to understand the Industry Use Cases using Generative AI.

Resource Person:

Shri. Amiya Behera Chief Executive Officer,
Tiger world Technologies, Mumbai.

Key Outcomes:

* To understand the Industry use cases using Generative AI

*To recognizes real-world case studies and research applications, helping them connect theoretical knowledge with practical implementations.

COMPUTER SCIENCE ENGINEERING & AIDS

STUDENTS ACHIEVEMENTS



SRM TRP ENGINEERING COLLEGE TIRUCHIRAPPALLI

NBA NATIONAL BOARD OF ACCREDITATION

NAAC A+

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Hearty **CONGRATULATIONS**

to our students for securing a Dream offer in M/s. AVASOFT

PRAWIN R K
IV Year CSE

SHARVESH S
IV Year CSE

SHRUTHI B
IV Year CSE

AVASOFT

CTC : 6 LPA

trp.srmtrichy.edu.in | srm-trp-engineering-college | trichysrmtrp

Our talented students from Department of CSE have secured placements at AVASOFT with an impressive package of ₹6 LPA! This milestone reflects their dedication, technical expertise, and unwavering pursuit of excellence.

Mr. Naveen Raj K and Mr. Prawin R. K from the Department of Computer Science and Engineering has been selected by Mu Sigma with a Dream Offer of 5 LPA.

This remarkable achievement reflects their dedication, strong technical skills, and commitment to growth. Wishing them continued success and an inspiring professional journey ahead.

SRM TRP ENGINEERING COLLEGE TIRUCHIRAPPALLI

NBA NATIONAL BOARD OF ACCREDITATION

Mu Sigma DO THE MATH

5 LPA

Naveen Raj K

FINAL YEAR CSE BATCH (2022 - 2026)

SRM TRP ENGINEERING COLLEGE TIRUCHIRAPPALLI

NBA NATIONAL BOARD OF ACCREDITATION

Mu Sigma DO THE MATH

5 LPA

Prawin R K

FINAL YEAR CSE BATCH (2022 - 2026)

MECHANICAL ENGINEERING

FACULTY ACHIEVEMENTS



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
DR V SENTHILKUMAR
for successfully completing the course
Fundamentals of Artificial Intelligence

with a consolidated score of **75 %**

Online Assignments	22.66/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025
(12 week course)

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

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL25GE55S1170500031 To verify the certificate No. of credits recommended: 3 or 4

Dr. V. Senthilkumar has successfully completed the NPTEL 12-week course on “Fundamentals of Artificial Intelligence”. He has been awarded both Elite and Silver Certifications, reflecting his outstanding performance in the course.

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
NAGADEEPAN
for successfully completing the course
Fundamentals of Artificial Intelligence

with a consolidated score of **77 %**

Online Assignments	22.66/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025
(12 week course)

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

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL25GE55S1170500060 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
LAKSHMANAN V
for successfully completing the course
Artificial Intelligence: Concepts and Techniques

with a consolidated score of **60 %**

Online Assignments	24.06/25	Proctored Exam	35.94/75
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Total number of candidates certified in this course: 6785

Jul-Oct 2025
(12 week course)

Prof. L. Umanand
NPTEL Coordinator & Chair, Centre for Continuing
Education, IISc Bangalore

Indian Institute of Science Bangalore

swayam

Roll No: NPTEL25CS159S1170502575 To verify the certificate No. of credits recommended: 3 or 4

Dr. V. Lakshmanan has successfully completed the NPTEL course on “Artificial Intelligence: Concepts and Techniques.”

Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
NAGADEEPAN
for successfully completing the course
Fundamentals of Artificial Intelligence

with a consolidated score of **77 %**

Online Assignments	22.66/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025
(12 week course)

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

Indian Institute of Technology Guwahati

swayam

Roll No: NPTEL25GE55S1170500060 To verify the certificate No. of credits recommended: 3 or 4



(12) PATENT APPLICATION PUBLICATION	(21) Application No. 202541093250 A
(19) INDIA	
(22) Date of filing of Application : 29/09/2025	(43) Publication Date : 31/10/2025
(54) Title of the invention : SMART DRONE SYSTEM FOR PRECISION SPRAYING OF PESTICIDES AND NUTRIENTS IN AGRICULTURE	
(51) International classification	.A01M0007000000, B64D0001180000, B64C0039020000, A01B0079000000, G06V0020100000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:
Filing Date	: 01/01/1900
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(57) Abstract :	(71)Name of Applicant :
The invention relates to an AI-integrated UAV system for precision spraying of pesticides and nutrients in agriculture. The UAV is equipped with multi-spectral sensors, edge AI processing, adaptive spray mechanisms, and IoT-enabled environmental monitoring. The system enables real-time crop stress detection, dynamic flight path optimization, and precise spray control. It reduces pesticide usage, minimizes environmental impact, and enhances sustainable farming practices.	1)SRM TRP ENGINEERING COLLEGE Address of Applicant :The Principal, SRM TRP Engineering College, SRM Nagar, Chennai – Trichy Highway, Irungalur, Tiruchirappalli, TAMILNADU Tiruchirappalli Tamil Nadu India
No. of Pages : 16 No. of Claims : 1	(72)Name of Inventor :
	1)Dr. V. Senthilkumar 2)Dr. A. Nagadeepan

We are delighted to announce that two of our patents have been published:

“Smart Drone System for Precision Spraying of Pesticides and Nutrients in Agriculture”

Inventors: Dr. V. Senthilkumar, Dr. A. Nagadeepan

Patent No.: 202541093250 A

“Solar Powered Smart Irrigation and Lighting System with AI-Based Energy Optimization”

Inventors: Dr. V. Senthilkumar, Dr. A. Nagadeepan, along with their mentee students as co-inventors

Patent No.: 202541093251 A

(12) PATENT APPLICATION PUBLICATION	(21) Application No. 202541093251 A
(19) INDIA	
(22) Date of filing of Application : 29/09/2025	(43) Publication Date : 31/10/2025
(54) Title of the invention : SOLAR POWERED SMART IRRIGATION AND LIGHTING SYSTEM WITH AI-BASED ENERGY OPTIMIZATION	
(51) International classification	.G05B0015020000, F21S0009030000, H02J0007350000, A01G0025160000, A01G0009240000
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:
Filing Date	: 01/01/1900
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(57) Abstract :	(71)Name of Applicant :
The invention discloses a Solar Powered Smart Irrigation and Lighting System that integrates renewable energy with AI-driven automation. The system operates a solar-powered pump controlled by soil moisture sensors for irrigation, while street lights are switched on/off based on occupancy detection and ambient light. An AI-IoT platform enables adaptive control, predictive optimization, and real-time monitoring. The system reduces electricity and water consumption, lowers costs, and supports sustainability.	1)SRM TRP ENGINEERING COLLEGE Address of Applicant :The Principal, SRM TRP Engineering College, SRM Nagar, Chennai – Trichy Highway, Irungalur, Tiruchirappalli, TAMILNADU Tiruchirappalli Tamil Nadu India
No. of Pages : 12 No. of Claims : 5	(72)Name of Inventor :
	1)Dr. V. Senthilkumar 2)Dr. A. Nagadeepan 3)Mr. S. Naveenkumar 4)Mr. M. Pranav 5)Mr. C. S. Tamil Selvan

Recognition for Service Excellence

We are pleased to share that Lieutenant N. Periyasamy, SRM TRP Engineering College, Trichy, has been honoured with the “Veeramaaraayam Viruthu 2025” award.

This recognition has been conferred by Mathurai Ilakkiya Mandram for his dedicated service and contribution to community safety and welfare.

The award ceremony was held on 29.11.2025 at Dhoni.

We congratulate him for this proud achievement and appreciate his commitment and service.



MECHANICAL ENGINEERING

STUDENTS ACHIEVEMENTS

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to **HARSHAVARSHINI M** for successfully completing the course **Fundamentals of Artificial Intelligence** with a consolidated score of **79 %**

Online Assignments	22.28/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025 (12 week course)

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

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to **INDUMATHI** for successfully completing the course **Fundamentals of Artificial Intelligence** with a consolidated score of **68 %**

Online Assignments	22.06/25	Proctored Exam	45.75/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025 (12 week course)

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

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to **TAMIL SELVAN G S** for successfully completing the course **Fundamentals of Artificial Intelligence** with a consolidated score of **61 %**

Online Assignments	22.44/25	Proctored Exam	38/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025 (12 week course)

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

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to **JEFFRY JERALD J** for successfully completing the course **Fundamentals of Artificial Intelligence** with a consolidated score of **56 %**

Online Assignments	21.87/25	Proctored Exam	33.75/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025 (12 week course)

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

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to **HARINISANTHANAM S** for successfully completing the course **Fundamentals of Artificial Intelligence** with a consolidated score of **53 %**

Online Assignments	21.03/25	Proctored Exam	32.25/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025 (12 week course)

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

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to **MADHESWARAN S** for successfully completing the course **Fundamentals of Artificial Intelligence** with a consolidated score of **57 %**

Online Assignments	22.06/25	Proctored Exam	35.25/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025 (12 week course)

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

Elite NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to **VIGNESHWARAN S** for successfully completing the course **Fundamentals of Artificial Intelligence** with a consolidated score of **63 %**

Online Assignments	22.28/25	Proctored Exam	40.75/75
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Total number of candidates certified in this course: 3795

Jul-Oct 2025 (12 week course)

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

The following IV Year Mechanical Engineering students have successfully completed the course:

- Harshavarshini M
- Indumathi J
- C. S. Tamil Selvan
- S. Vigneshwaran
- Harinisanthanam
- Jeffrey Jerald J
- S. Madheswaran

Their achievement reflects their dedication and commitment to continuous learning. Congratulations to all!



SRM TRP ENGINEERING COLLEGE
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
SRM Nagar, Near Samayapuram, Trichy - 621 105



Congratulations!

For Pitching in
YUKTI INNOVATION CHALLENGE
in IIC Regional meet

Date: 25th November 2025 | Venue: PSG College of Arts and Science, Coimbatore

Shortlisted Teams

Mr. P. Lingesh Kumar (MECH) & Mr. Karthick Thiyagarajan (ECE)	Mr. Thiyanesh (ECE) & Mr. S. Akash (CSE)	Ms. S.D. Karunasagari (CSE) & K. Navcenraj (CSE)
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Agentic AI-Powered Multi-Terrain Inspection Robot for Industrial Safety, Efficiency, and Autonomous Operations



IoT-Assisted Pulmonary Function Testing for Chronic Lung Conditions



trp.srmtrichy.edu.in | srm-trp-engineering-college | trichysrmtrp

🎉 Proud Moment for SRM TRP Engineering College!

Three student teams from SRM TRP Engineering College have been shortlisted for the prestigious YUKTI Innovation Challenge 2025 and successfully presented their innovative ideas in the Second Round held at PSG College of Arts & Science, Coimbatore, on 25.11.2025.

👏 Congratulations to the following teams:

- ◆ Mr. P. Lingesh Kumar (MECH) & Mr. Karthick Thiyagarajan (ECE)
- ◆ Mr. Thiyanesh (ECE) & Mr. S. Akash (CSE)
- ◆ Ms. S. D. Karunasagari (CSE) & Mr. K. Naveenraj (CSE)

Their creativity, innovation, and dedication have brought great pride to the institution. 🚀



SRM TRP

ENGINEERING COLLEGE
Affiliated to ANNA UNIVERSITY
TIRUCHIRAPPALLI

COUNSELLING CODE : 3795



SRM TRP ENGINEERING COLLEGE (SRM GROUP)

IRUNGALUR - 621105, MANNACHANALLUR - TALUK,
TIRUCHIRAPPALLI, TAMILNADU

PHONE : 0431 - 2258681, 2258947

<https://trp.srmtrichy.edu.in/>

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 @srm-trp-engineering-college