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IGNITE 2024

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★ ★ ★ *December* ★ ★ ★

A DAILY NEWSLETTER
16.12.2024

Agni College of Technology

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Congratulations !! Get Ready for the Sopra Steria's International Student Challenge National Finale!



Inbox



SRIDHARA... 9:46 AM
to ANSARI ✓



Dear Team,

Congratulations on making it to the **Top 6** of the International Student Challenge at National level! 🎉

The **National Finale** is scheduled for **8th January 2025** at our **Sopra Steria Office in Noida**. Exciting mentoring sessions will kick off this month, and your mentors will connect with you soon. If you haven't heard from them

The team members are **Mr. Karunakaran**, **Mr. Dhanush Chakaravarthy W**, **Mr. Dharshini C**, **Mr. Balamaniandan M** of Shadows project has got selected to the top 6 level for the International Student Challenge National Final scheduled on 8th January 2025 conducted by Sopra Steria at Noida.

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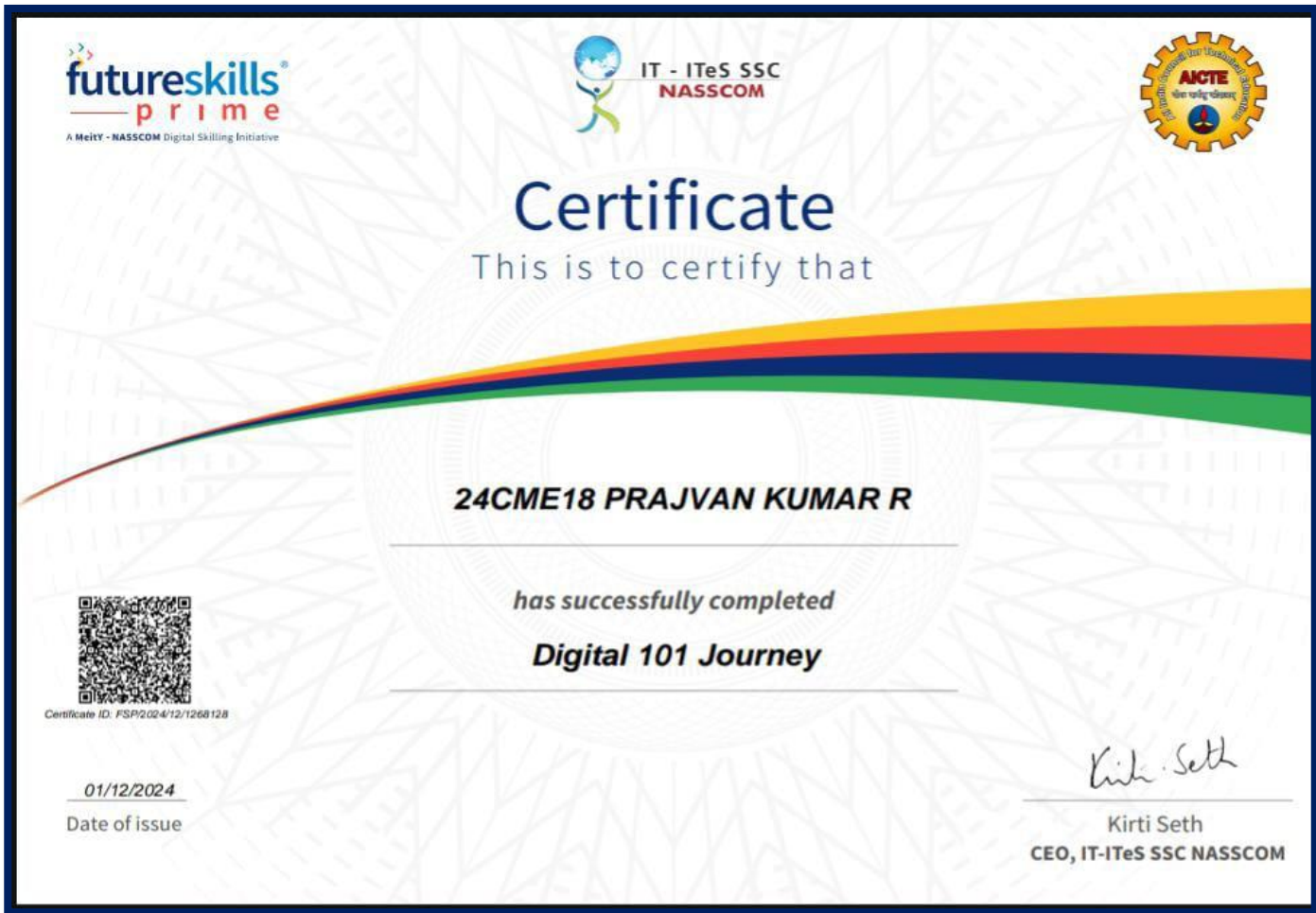
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T. Dhanalakshmi (EEE), a 1-year student from the Department of Science and Humanities, has successfully completed the certificate course on “**Digital 101 Journey**” provided by IT-ITeS SSC NASSCOM, futureskills Prime with AICTE in the month of December 2024.



M. P. Saihaan Ahmed (MHT), a I-year student from the Department of Science and Humanities, has successfully completed the certificate course on “**Digital 101 Journey**” provided by IT-ITeS SSC NASSCOM, futureskills Prime with AICTE in the month of December 2024.



R. Prajvan Kumar (CME), a I-year student from the Department of Science and Humanities, has successfully completed the certificate course on “**Digital 101 Journey**” provided by IT-ITes SSC NASSCOM, futureskills Prime with AICTE in the month of December 2024.



G. Kamalika and M. Kalaiyarasi (IT), I-year students from the Department of Science and Humanities, have successfully completed the certificate course on “**Digital 101 Journey**” provided by IT-ITeS SSC NASSCOM, futureskills Prime with AICTE in the month of December 2024.





Agni College of Technology
(An AUTONOMOUS Institution)
OMR, THALAMBUR, CHENNAI

A REMARKABLE ACHIEVEMENT THAT DESERVES
Special Recognition.

Shri P K Das Memorial
BEST FACULTY
AWARD 2024

International Level
Organized by
Nehru Group of Institutions
Coimbatore

Hearty
Congratulations
from
Management, Principal,
Faculty Members & Students.

Dr. ARUL KULANDAIVEL,
Associate Professor & Head-S&H,
Department of Mechanical Engineering,
Agni College of Technology, Chennai

Dr. Arul Kulandaivel, HoD, Department of Science and Humanities received the "Shri PK Das Best Faculty Award 2024" and was also honored with a cash award of Rs 10,000 cheque. Honored by the Nehru Group of Institutions, Coimbatore, it highlights his exceptional contributions to the Mechanical Engineering field at international level. A well-deserved recognition of his hard work and dedication.

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Ms. Indu S, Assistant Professor, Biomedical Engineering Department has successfully participated and completed the AICTE Training and Learning (ATAL) Faculty Development Program on “**Advancing Healthcare with Robotics; Rehabilitation Therapy and Sports Medicine**” at Sona College of Technology from 9/12/2024 to 14/12/2024.

Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam – 603 110

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Rajiv Gandhi Salai (OMR), Kalavakkam - 603110



Department of Civil Engineering

Certificate of Participation

This is to certify that R. BEAULA JASMINE of
Agni College of Technology has completed the 6-Day Faculty Development Program on
“Smart Materials and AI in Civil Engineering” conducted by the Department of Civil
Engineering during 9th to 14th December 2024.

 R. Beaula Jasmine
Coordinators



Dr. N. Sivakumar
Professor & Head

Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam – 603 110

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Rajiv Gandhi Salai (OMR), Kalavakkam - 603110

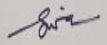


Department of Civil Engineering

Certificate of Participation

This is to certify that VENKATESWARAN of
AGNI COLLEGE OF TECHNOLOGY has
completed the 6-Day Faculty Development Program on “Smart Materials and AI in Civil
Engineering” conducted by the Department of Civil Engineering during 9th to 14th December
2024.

 R. Beaula Jasmine
Coordinators



Dr. N. Sivakumar
Professor & Head

Mrs. R. Beaula Jasmine, HOD and Mr. S. Venkateswaran, Assistant Professor, Department of Civil Engineering has completed the six-day Faculty Development Program on “Smart Materials and AI in Civil Engineering” conducted by the Department of Civil Engineering, SSN College of Engineering, Kalavakkam, Chennai, during 9th to 14th December 2024.

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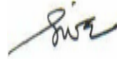
Department of Civil Engineering

Certificate of Participation

This is to certify that VIMAL RAJ N. of Agni College of Technology has completed the 6-Day Faculty Development Program on "Smart Materials and AI in Civil Engineering" conducted by the Department of Civil Engineering during 9th to 14th December 2024.

 R. Manthi

Coordinators



Dr. N. Sivakumar
Professor & Head

Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam - 603 110

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Rajiv Gandhi Salai (OMR), Kalavakkam - 603110



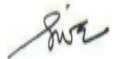
Department of Civil Engineering

Certificate of Participation

This is to certify that S. VISHNUVARDHAN of Agni College of Technology has completed the 6-Day Faculty Development Program on "Smart Materials and AI in Civil Engineering" conducted by the Department of Civil Engineering during 9th to 14th December 2024.

 R. Manthi

Coordinators



Dr. N. Sivakumar
Professor & Head

Mr. S. Vishnuvardhan and Mr. N. Vimalraj, Assistant Professor, Department of Civil Engineering has completed the six-day Faculty Development Program on "**Smart Materials and AI in Civil Engineering**" conducted by the Department of Civil Engineering, SSN College of Engineering, Kalavakkam, Chennai, during 9th to 14th December 2024.



Ms. K. Shalini and Ms. S. Arthi, Assistant Professor, Department of Civil Engineering has completed the six-day Faculty Development Program on “**Smart Materials and AI in Civil Engineering**” conducted by the Department of Civil Engineering, SSN College of Engineering, Kalavakkam, Chennai, during 9th to 14th December 2024.

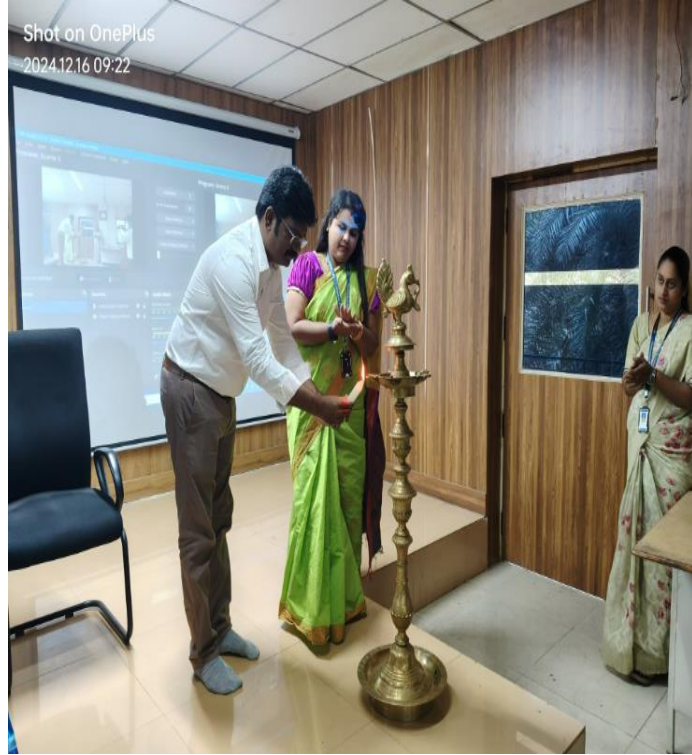


Dr. M. Sivakami Sundari, Assistant Professor, Department of Science and Humanities (Mathematics), participated in the **Six-Day Faculty Development program** on **“Advanced computational and experimental research in physics”** organized by the department of Science and Humanities, Mohamed Sathak A. J college of Engineering, Chennai held from 9th to 14th December 2024.

Resource Person Sessions will be handled by eminent persons from reputed Institutions/Industries.		
How to apply? The applicants should register at AICTE-ATAL web portal at the earliest. Website: http://www.aicte-india-org/atal	ORGANIZING COMMITTEE Patron Dr. SRINIVASAN ALAYANDAR PRINCIPAL, Agni College Of Technology, Thalambur. Co-ordinator Dr. Ishwarya M.V B.E., M.E., Ph.D Associate Professor and Head Of the Department, Artificial Intelligence and Data Science Department, Agni College Of Technology, Thalambur. MAIL ID: atal@acit.edu.in Co-ordinator Mrs. T. Geetha Assistant Professor, Artificial Intelligence and Data Science, Agni College of Technology, Thalambur.	
ELIGIBILITY AND SELECTION Faculty members from AICTE approved Engineering Colleges can apply. Selection is on "first come first serve" basis. Selection will be intimated through mail and selected participants should confirm their participation.	REGISTRATION: - No registration fee - TA/DA will not be provided - Selected participants should attend the programs for the entire duration through offline mode	
Address for Communication: The co-ordinator FDP DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE Agni College Of Technology-ACIT old mahalakshiam road, Thalambur, chennai-60130 Tamil Nadu,India. E-MAIL: atal@acit.edu.in		

About the college Agni College of Technology Chennai was established in the year 2001 by Sri Balaji Charitable and Educational Trust with the objective of producing high quality engineers and technocrats. The Engineering college is approved by AICTE, New Delhi, Affiliated to Anna University Chennai, Accredited by National Board of Accreditation, New Delhi and an ISO 9001:2015 Certified Institution. We are ranked in 25th position among 325+ colleges by Anna University in the Nov/Dec 2022 examinations. Also, we were ranked in the top 101-150 band in the India Rankings 2023 by National Institutional Ranking Framework, Ministry of Education, Government of India. Also, all eligible programs are accredited by the National Board of Accreditation and the institution is rated with A+ grade in the National Assessment and Accreditation Council. We look forward to soon becoming an autonomous institution and we have been taking various initiatives to improve the quality and standard of technical education on par with international standards so that our students are able to compete with other students.	intensive inputs in machine learning and big data analytics. By the end of this course, the students will gain cross-disciplinary skills across fields such as statistics, computer science, machine learning, and logic, data scientists and will have career opportunities in healthcare, business, eCommerce, social networking companies, climatology, biotechnology, genetics, and other essential areas. The central focus of this programme is to equip students with statistical, mathematical reasoning, machine learning, knowledge discovery, and visualization skills.	increase the effectiveness and precision of IoT systems. Large volumes of data produced by Internet of Things (IoT) devices can be processed by AI algorithms to provide insightful analysis and wise decision-making. Because AI improves the accuracy and efficiency of IoT devices and is constantly learning and adapting to changing environments, it also aids in task automation, pattern recognition, and issue detection in IoT systems.
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE The Artificial Intelligence and Data Science department were founded in 2020 with one undergraduate program affiliated with Anna University, approved by AICTE. This course aims to provide the core technologies such as artificial intelligence, data mining, and data modelling and give	FDP THEME The creation of computer systems that are capable of doing tasks that normally require human intelligence, like speech recognition, problem-solving, and decision-making is known as Artificial Intelligence (AI). The network of actual physical objects and other things integrated with sensors, software, and connections that allow them to gather and share data is known as the Internet of Things, or IoT. The potential of AI and IoT to boost productivity, increase efficiency, and offer more individualised experiences across a wide range of businesses has led to their increasing appeal. AI and IoT will play an increasingly larger role in our daily lives and businesses as technology develops.	TOPICS COVERED - Overview and Use of the Internet of Things - Artificial Intelligence (AI): Prospects, Development and Challenges - IOT Architectures and Protocols - Applied AI and Data Science - An overview of machine learning and its use in the analysis of medical images - Smart Sensor Utilisation in IOT - Smart Cities & Homes: IOT Technology - AI Implementation (Workshop) - IoT Privacy and Security - IoT using Arduino and Raspberry Pi (Practical Session)

The Department of AIDS from Agni College of Technology, in collaboration with the AICTE ATAL Academy, is organizing a 6-day Faculty Development Program on "AI in IoT: Enhancing the Power of Smart Gadgets" from 16.12.2024 to 21.12.2024. The program is coordinated by **Dr. Ishwarya M.V., Associate Professor and Head of the Department, AIDS**, and **Mrs. T. Geetha, Assistant Professor, AIDS**. On the 1st day of FDP, the Resource person Dr. Suresh Anand M, SRMIST has delivered an insightful session on "Overview and Use of the Internet of Things (IoT)" from 8.30 am – 11 am on 16.12.2024.



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