

ABOUT THE FDP

The Six-day International Faculty Development Programme (FDP) on "Advanced Materials for Sustainable Energy and Smart Technologies (AMSET-2026)" aims to enhance participants' knowledge of sustainable energy and smart technologies. The programme features expert sessions by renowned academicians and researchers, fostering innovation, interdisciplinary research, professional networking, and collaborative learning to strengthen teaching and research excellence.

FDP OBJECTIVES

- To **enhance** knowledge of advanced materials for sustainable energy and smart technologies.
- To **promote** research, innovation, and interdisciplinary collaboration in emerging technologies.
- To **strengthen** teaching, research, and professional competencies through expert interactions

RESOURCE PERSONS

Day 1: 17-08-2026 /11.30 -12.30 P.M.

Dr.S.Gokul Raj

Associate Professor of Physics, Pondicherry University, Pondicherry

Day 2: 18-08-2026/11.30 -12.30 P.M.

Dr.K. Ramachandran

Professor
Department of Physics
Bharathiar University, Coimbatore

Day 3: 19-08-2026 /11.30 -12.30 P.M.

Dr.MubarakAli Davood Basha

Assistant Professor (Sr. Gr)
B.S.Abdurrahman Crescent Institute of Science and Technology, Chennai

Day 4: 20-08-2026 /11.30 -12.30 P.M.

Dr.K. Sakthipandi

Professor of Physics
SRM TRP Engineering College, Trichy

Day 5: 21-08-2026 /11.30 -12.30 P.M.

Dr. R. Packiaraj

Postdoctoral Researcher,
L.N. Gumilyov Eurasian National University,
Republic of Kazakhstan

Day 6: 22-08-2026/11.00 -12.30 P.M.

Dr. Davis Jacob Inbaraj

Post-Doctoral Researcher,
Department of Material Science and Engineering, Hanbat National University, Daejeon, Republic of Korea

Dr. S. Arumuga Perumal

Distinguished Professor of Computer Science and Research, Crown University Intl. Chartered Inc., USA & Director, Riyasaa labs

TARGET AUDIENCE

Faculty members of AICTE-approved institutions, Universities, arts and science colleges, Research scholars and Research Institutions

COMMITTEE MEMBERS

Dr. R. Gandhimathi

Assistant Professor of Physics

Dr. R. Jansi

Assistant Professor of Physics

Dr. P. Muthumari

Assistant Professor of Physics

INTERNAL ADVISORY COMMITTEE

Dr. S. Kiruthiga Deepa

Associate Professor of Mathematics

Dr. R. Nagendran

Associate Professor of Mathematics



ABOUT THE INSTITUTE

AAA College of Engineering and Technology (AACET), established in 2013 at Sivakasi, Tamil Nadu, is an autonomous institution, approved by AICTE and affiliated with Anna University, Chennai. The institution has earned NBA accreditation for the five engineering programs, and its committed to providing quality education through Outcome-Based Education (OBE). AACET provides a vibrant learning environment with modern infrastructure, advanced laboratories, experienced faculty, and an Innovation and Incubation Centre that fosters entrepreneurship, research, and start-up initiatives. The institution promotes industry-oriented learning through internships, technical events, conferences, workshops, and research activities. Committed to holistic education, AACET nurtures competent professionals with ethical values, leadership qualities, innovation, and social responsibility, empowering students to excel in their careers, higher education, entrepreneurship, and lifelong learning.

ABOUT THE DEPARTMENT

The Department of Science and Humanities at AAA College of Engineering and Technology provides a strong academic foundation for first-year engineering students through quality education and holistic development. Offering courses in Mathematics, Physics, Chemistry, English, Environmental Science, Tamil, and Literature, the department nurtures analytical thinking, scientific temper, communication, and problem-solving skills. Supported by 21 faculty members holding doctoral degrees with expertise in Language and Linguistics, Graph Theory, Algebra, Numerical methods, Biosensors, Nanomaterials, Polymer Nanocomposites, Nonlinear Optical Materials, Sustainable Energy, Tamil Language and Technology, and other interdisciplinary domains, the department fosters research-oriented learning, ethical values, and professional competence, preparing students for academic excellence and successful engineering professional.

CONTACT INFORMATION

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Phones: +91-9445291311

Registration Link:

<https://forms.gle/by8S8Ggrvi2GQV4w9>

Registration Fee: ₹100/-

UPI ID : karanphy07-1@okicici



WhatsApp Group Link :

<https://chat.whatsapp.com/Iv18NzOkoA6BLXcpsADfoJ?s=sh&p=a&ilr=0>

GUIDELINES FOR REGISTRATION

An e-certificate will be issued to registered participants who attend all the sessions and submit the feedback form.

AAA COLLEGE OF ENGINEERING AND TECHNOLOGY



AN AUTONOMOUS INSTITUTION

Accredited by NAAC with "A" Grade Accredited by

NBA(CSE,ECE,EEE,MECH&CIVIL)

An ISO 21001 : 2018 Certified Institution

Amathur, Sivakasi - 626 005.



DEPARTMENT OF PHYSICS

Organizes

**"Six-day International Faculty Development
Programme On :
Advanced Materials for Sustainable Energy
and Smart Technologies"**

**MONDAY 17th - 22nd 11:30 a.m.
TO AUGUST to
SATURDAY 2026 12:30 p.m.**

WITH THE BLESSINGS OF
SHRI. P. PANJURAJAN
FOUNDER - AAA GROUP
OF INSTITUTIONS

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