



AICTE Training and Learning (ATAL) Academy Sponsored

6-Day Online Faculty
Development Programme

On

Green Transitions: Leveraging Digital Tools and Strategic Leadership for Climate Resilience

JANUARY 12 - 17, 2026

Organized by

Department of Computer Science
&
Department of Management

SANTHIGIRI COLLEGE

O F C O M P U T E R S C I E N C E S

Affiliated to M.G. University, Approved by AICTE and Accredited by NAAC

Pin - 685 583, Kerala State, India

Institution ID: 1-12828421

(Approved by AICTE, Delhi & Affiliated to
Mahatma Gandhi University, Kottayam)

Accredited with B++ Grade by NAAC (1st cycle)

Link to join FDP: <https://atalacademy.aicte.gov.in/login>

Resource Persons



Dr. Sayantani Banerjee
Assistant Professor and PG Head
School of Business
St Joseph's University
Bengaluru
Karnataka



Dr. Philip Mathew
Director - JTSi Technologies India
Private Limited
Bengaluru
Karnataka



Dr. Lija Jacob
Associate Professor and Head
School of Sciences
Christ University
Pune Lavasa
Maharashtra



Ms. Jayasree Nair
Product owner at Mindex
Product development/ Scrum
methodology
Virginia USA



Mr. Githish Mathew
Sales Engineering Manager
India & SAARC
Axis communications
Bengaluru
Karnataka



Ms. Resmi Rajamma
Lead Data Engineer at Fidelity
& Guaranty Life
Ellicott City USA



Dr. Ashok G Matani
Professor [Retired]
Mechanical Engineering Dept
Govt. College of Engineering
Jalgaon



Dr. Varun G Menon
Deputy Dean (R&D) and Professor
(CSE)
SCMS School of Engineering and
Technology
Ernakulam



Dr. Sabin Thazhe Purayil
Scientist E
Indian Institute of Meteorology
Ministry of Earth Sciences
Govt.of India
Pune Maharashtra



Dr. Sheeba Abraham
Assistant Professor
Department of Economics
Mar Athanasius College
Kothamangalam
Kerala



Mr. Binoy Elias
Founding chairman
Team for Rural Ecological
Equilibrium (TREE)
Muvattupuzha
Kerala



Dr. Soumya V S
Assistant Professor
TMJacob Memorial Govt College
Manimalakkunnu
Ernakulam
Kerala

ATAL Online 6-Day Faculty Development Programme

2025-26 Schedule

FDP Thrust Area : Engineering and Management
 FDP Title : Green Transitions: Leveraging Digital Tools and Strategic Leadership for Climate Resilience

Start Date: 12.01.2026						End Date: 17.01.2026
Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	
6:00 PM to 6:30 PM	6:00 PM to 7:30 PM	6:00 PM to 7:30 PM	6:00 PM to 7:30 PM	6:00 PM to 7:30 PM	6:00 PM to 7:30 PM	2:00 PM to 3:30 PM
	Session 3	Session 5	Session 7	Session 9	Session 11	
Inaugural Session	Topic: Digital tools, data analytics, AI, and smart technologies in promoting sustainable solutions Name of the Expert: Dr. Lija Jacob Designation & Organization: Associate Professor and Head, School of Sciences, Christ University, Pune Lavasa Years of Exp: 22 yrs	Topic: Advancing Safe and Secure Green Transitions through IoT and Cyber Surveillance Name of the Expert: Mr. Githish Mathew Designation & Organization: Sales Engineering Manager, India & SAARC Axis communications Years of Exp: 14 yrs	Topic: IoT-Driven Innovations for Environmental Sustainability Name of the Expert: Dr. Varun G Menon Designation & Organization: Deputy Dean (R&D) and Professor (CSE) Years of Exp: 14 yrs	Topic: Sustainability implications of changing land use dynamics in Kerala's paddy fields Name of the Expert: Dr. Sheeba Abraham Designation & Organization: Assistant Professor, Department of Economics, Mar Athanasius College, Kothamangalam Years of Exp: 19 yrs	Topic: Citizenship for a Greener Tomorrow: The Role of Individuals in Driving Climate-Resilient Societies Name of the Expert: Dr. Mishel Elizabeth Jacob Designation & Organization: Assistant Professor, Department of Business Administration, Baselius College, Kottayam Area of expertise: Management Years of Exp: 12 yrs	
6:30 PM to 8:00 PM	7:30 PM to 9:00 PM	7:30 PM to 9:00 PM	7:30 PM to 9:00 PM	7:30 PM to 9:00 PM	7:30 PM to 9:00 PM	3:30 PM to 5:00 PM
	Session 1	Session 4	Session 6	Session 8	Session 10	Session 12
Topic: Technology driven measures to address climate change in educational institutions. Name of the Expert: Dr. Sayantani Banerjee Designation & Organization: Assistant Professor, PG coordinator & Research Supervisor, Years of Exp: 19 yrs	Topic: Energy stability through smart data management Name of the Expert: Ms. Resmi Rajamma Designation & Organization: Lead Data Engineer at Fidelity & Guaranty Life, Ellicott City, USA Years of Exp: 14 yrs	Topic: Agile Innovation for Sustainable Energy: Scrum-Based Product Development Name of the Expert: Ms. Jayasree Nair Designation & Organization: Product owner at Mindex Product development/ Scrum methodology, Virginia, USA Years of Exp: 14 yrs	Topic: Sustainable Environmental Practices: Pathways to a Greener Future Name of the Expert: Dr. Ashok G Matani Designation & Organization: Professor [Retired], Mechanical Engineering Dept, Govt. College of Engineering, Jalgaon Years of Exp: 33 yrs	Topic: Climate Change and Weather Extremes: A Meteorological Perspective Name of the Expert: Dr. Sabin Thazhe Purayil Designation & Organization: Scientist E, Indian Institute of Meteorology, Ministry of Earth Sciences, Govt. of India Years of Exp: 17 yrs	Topic: Greening Pandapilly: A Real-Life Journey Towards Environmental Transformation Name of the Expert: Mr. Binoy Elias Designation & Organization: Founder of Team for Rural Ecological Equilibrium (TREE) Years of Exp: 23 yrs	
8:00 PM to 9:30 PM						5:00 PM to 6:30 PM
	Session 2					Session 13
Topic: Driving green transitions through financial leadership Name of the Expert: Dr. Philip Mathew Designation & Organization: Director - JTSi Technologies India Pvt. Ltd JTSi Technologies India Private Limited Bengaluru, Karnataka, India Years of Exp: 40 yrs						Topic: Market based instruments for Environmental Management Name of the Expert: Dr. Soumya V S Designation & Organization: Asst. Professor, TMJacob Memorial Govt College, Manimalkunnu, Ernakulam Area of expertise: Public Policy Years of Exp: 11 yrs
						6:30PM to 7:30PM Online test & feedback
						7:30PM to 8:00PM Valedictory Session

NB: No Charges for "Registration, Course and Certification" for participants

About the FDP

The AICTE-ATAL Faculty Development Programme (FDP) is themed "Energy, Sustainability, and Climate Change", designed to equip faculty with advanced knowledge on environmental and financial sustainability. It will focus on the urgent need for climate resilience and the transition to greener practices. A major component of the FDP is the integration of digital tools such as data analytics, AI, and smart technologies in promoting sustainable solutions. These tools will be explored for their role in efficient energy management and eco-conscious financial planning. The sessions are tailored especially for professionals in the finance and accounting domain, blending environmental insights with industry relevance. Through expert talks, interactive sessions, and case studies, participants will gain both theoretical and practical exposure. The FDP also emphasizes strategic leadership for sustainable development. Certification will be provided upon completion. This initiative aims to build digital and climate-smart faculty leaders.

Eligibility Criteria

The faculty members, Research scholars & PG Scholars of the AICTE approved institutions and Industry Personnel. The Duration of the FDP shall be 06 days. ATAL FDPs are completely free for participants and mode of delivery is online.

Test and Certification

A test will be conducted (online) by the coordinator at the end of the program. The certificates shall be issued to those participants who are registered on ATAL portal (<https://atalacademy.aicte.gov.in/login>) and attend the program with minimum 80% attendance and score minimum 60% marks in the test. Feedback must be shared by participants through a portal available on their login.

Patrons

Rev. Fr. Paul Parakattel CMI - Manager, Santhigiri Group of Institutions
Prof. Dr. Fr. Jose John CMI - Principal, Santhigiri College of Computer Sciences
Rev. Fr. Shinto Joseph CMI - Vice Principle & Bursar, Santhigiri College of Computer Sciences

Coordinators

Dr. Neetha Thomas

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