ORGANIZING COMMITTEE

CHIEF PATRON
Thiru. G. ABIRUBEN, MBA
Correspondent

PATRON
Dr. C. ASHOK, Principal

CONVENOR
Dr. R. VENGATESHKUMAR
Director, Department of MCA

COORDINATOR
Mrs. A. AGNES SALEEMA
Assistant Professor, Department of MCA
📞 +91 80724 77464

CO-COORDINATOR
Mr. S. ALAGUKUMAR
Assistant Professor, Department of MCA
📞 +91 99948 47670

ORGANIZING SECRETARIES
Dr. P. ISAKKI ALIAS DEVI
Dr. B. VINOTHKUMAR
Mr. P. MARIMUKTU
Mr. A. SELVAKUMAR

ORGANIZING MEMBERS
Mrs. P. BAMARUCKMANI
Mr. T. JEBASTIN
Mr. A. ANANDA GOPI
Mrs. T. KRISHNAVENI
Ms. P. BARKAVI
Mrs. S. JEBA GNANA RUBY
Mrs. G. RAJALAKSHMI
Mrs. V. GRACEY MILCAH

About the College

Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi, Tamil Nadu was established in the year 1963 by a philanthropist industrialist of Sivakasi, Thiru. P. Ayya Nadar and his wife Tmt. Janaki Ammal. The College is currently offering 25 UG, 15 PG, 8 Ph.D. and several Certificate & Diploma Programmes with student strength of 5000. The College has many laurels and honours received from various government agencies like UGC (College of Excellence, College with Potential for Excellence, Community Colleges), NAAC (A^+ - 4th cycle), DBT (Star College), NIRF (72nd Rank at National level), and DST (FIST). The College has so far generated more than 10 crores of grants from several funding agencies like UGC, CSIR, DST, DBT, ICMR, ICFRE, ICSSR and TNSCST.

About the Department

Department of Computer Applications was established in the year 1993 and approved by AICTE in 1999. Every year we continue to develop innovative, skill oriented and quality students. The department continue with the same objective of producing well-disciplined and talented software professionals.

- Approved by AICTE
- Received 2 UGC Minor Research Projects
- 15 Patents Granted in IoT and Data Analytics
- Well-equipped Computer, IoT & Machine Learning Laboratories
- More than 100 Publications in reputed Journals & Book Chapters

About the FDP

The aim of this FDP is to introduce participants to the fascinating world of IoT data analysis through a practical and exploratory approach. IoT refers to the concept of connecting devices and items to the internet in order to make them smarter. Industry and academia today require this technological frontier (IoT) and smart analytics. Smart Analytics is precisely evaluating all that volume of data in a smart and profitable manner, which was hard to perform with traditional analytic methods. This FDP provides as a forum for faculty and research scholars to jump start their career in the emerging fields of IoT and Data Analysis through our practical approach

AICTE Training and Learning **(ATAL)** Academy Sponsored

6 – Days

Online
Faculty Development Programme
on

IoT Data Analysis with Practical and Exploratory Approach

SEPTEMBER 22-27, 2025

Organized by

DEPARTMENT OF COMPUTER APPLICATIONS

Ayya Nadar Janaki Ammal College

(Autonomous, Affiliated to Madurai Kamaraj University, Madurai, Re-accredited (4th Cycle) with "A+" Grade (CGPA 3.48 out of 4) by NAAC, Recognized as College of Excellence and Mentor Institution by UGC, STAR College by DBT and Ranked 72nd at National Level in NIRF 2025 and DST-FIST (2024) Supported & An ISO 9001:2015 Certified Institution)

Sivakasi - Tamil Nadu.

Resource Persons

Mr. S.R. Anilkumar, Assistant manager, Business Applications, Kingdom of Bahrain

Mr. G. Saravana Kumar, Associate Consultant, Tata Consultancy Services, Netherlands

Dr. N. Ravia Shabnam Parveen, Head & Assistant Professor (SG), Department of MCA, KCG College of Technology, Chennai.

Dr. Madhu S. Shukla, Professor and Head, Department of CE-AI & Big Data Analytics, Marwadi University Rajkot, Gujrat

Dr. R. Uma, Head & Associate Professor, Department of Computer Applications, Nadar Saraswathi College of Arts and Science, Theni.

Dr. N. Pothirasan, Director, Hashan Medicare, Rajapalayam, Tamil Nadu

Dr. L. Selvam, Assistant Professor, Department of Data Science, Madras Christian College, Tambaram, Chennai

Mr. V. Selvakumar, Module Lead, Galaxy Weblinks, Sivakasi, Tamil Nadu

Mrs. D. Sindhiya Angel, Technical Lead @ Nokia, Bengaluru, Karnataka,India

Dr. Neelam Naik, Assistant Professor, Department of Information Technology, SVKM's Usha Pravin Gandhi College of Arts, Science and Commerce, Vile Parle, Mumbai.

Mr. K. Ajoy Balaji, Software Analyst, Agilsys, Chennai

Dr. A. Vimal Jerald, Assistant Professor, Department of Computer Science, St. Joseph's College, Trichy, Tamil Nadu

Dr. S. Karthikeyan, Senior Technical Coordinator, GenAI Healthcare Solutions Private Limited, Virudhunagar, Tamil Nadu

How to Register

Points to be Noted

- **No Registration Fee**
- ATAL portal registration and google form registration (Provided by College) are mandatory
- NOC from the Employer is required to upload in the ATAL portal
- Last Date of Registration: 20-09-2025
- **Maximum Number of Participants: 200**

For AICTE Portal Registration / Login

- **Register:** https://atalacademy.aicte-india.org/signup
- **Login:** https://atalacademy.aicte-india.org/login

ATAL Registration

ATAL-Login

For Institutional Registration

- Institutional Registration is also mandatory.
- **Institutional Registration :** https://tinyurl.com/anjacfdp25

Institutional Registration

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://www.aicte-india.org/atal) 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.

Programme Overview

The Six-Days Online Faculty Development Programme includes sessions on IoT Data Analysis with Practical and Exploratory Approach under the following themes:

- **Inception to IoT & Interfacing Sensor Module**
- **Data Security Frameworks for IoT**
- **Data Analysis using Media Pipe**
- **Data Analysis using Hive and Pig**
- **Machine Learning Methods and Techniques for IoT**
- **Skill Development inline with National Educational Policy (NEP) 2020**
- **IoT & Smart Applications based CAPSTONE Project**
- **Let's Go Digital and Let's Live Smart**
- **Advanced NLP Tools**
- **Data Visualization using Matplotlib**
- **Natural Language Processing with NLTK Package**
- **Case Studies and Real-time Data Set for Data Analytics**
- **Deep Learning with Tensor flow & Keras – OpenCV**

Target Audience

The faculty members, Research scholars & PG Scholars of the AICTE approved Institutions and Industry Personnel, Media Stakeholders, Technologists, Government Officials, NGO Representatives and Small Scale Entrepreneurs.