



FACULTY DEVELOPMENT PROGRAMME (FDP) ON

APPLICATIONS OF DATA SCIENCE AND ANALYTICS

(20th June, 2024 to 27th June, 2024 in BLENDED MODE)

Organized by

ELECTRONICS & ICT ACADEMY, NIT WARANGAL

In Association with

Department of Artificial Intelligence & Data Science

ADITYA COLLEGE OF ENGINEERING, MADANAPALLE, ANNAMAYYA Dt., A.P.

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)



Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy's role is to offer Faculty Development Programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

About the FDP:

This FDP aims at providing strong theoretical background along with practical experience in the field of Data Science. Data Science is the deep study of a large quantity of data, which involves extracting some meaning from the raw, structured, and unstructured data. Extracting meaningful data from large amounts use processing of data and this processing can be done using statistical techniques and algorithm, scientific techniques, different technologies, etc. It uses various tools and techniques to extract meaningful data from raw data. Data Science is also known as the Future of Artificial Intelligence.

Data scientists have changed almost every industry. In medicine, their algorithms help predict patient side effects. In sports, their models and metrics have redefined athletic potential. Data science applications have even tackled traffic, with route-optimization models that capture typical rush hours and weekend lulls. This FDP aims to impart knowledge and train on fundamentals of engineering aspects of Data Science. FDP will be helpful for the faculties and researchers working in the areas of Data Science applications.

Major Course Contents:

- Big Data and Challenges
- Mathematical and Statistical Skills
- Machine Learning Algorithms
- Data Visualization
- Stochastic Models
- Applications of Data Science
 - Cancer Research
 - Health Care
 - Elections
 - Internet of Things (IoT)
 - Customer Analytics
 - Others

Registration Fee Particulars:

Faculty & Research Scholars	Rs. 1500/-
Industry Participants	Rs. 4500/-

Participants need to pay the Registration Fee Online using the following details

Online Transfer Details	
Account Name	: Electronics & ICT Academy NITW
Account No.	: 62423775910
IFSC Code	: SBIN0020149
Bank and Branch	: State Bank of India, NIT(REC) Warangal

How to Apply:

Participants are required to fill the online registration form by clicking on the following link/
Scan QR Code:

<https://forms.gle/nS1siVvwLcmM3QfX7>



Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 60 (sixty). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

Important Dates:

Last Date (Application & DD)	16-06-2024
Selection List by E-mail	17-06-2024
Duration	8 Days [3 Days Offline and 5 Days Online]

About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B. Tech degrees in various branches of engineering, M.Tech. and Ph.D. programmes in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.



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About ACEM

Aditya College of Engineering (ACEM), Madanapalle under the umbrella of Veda Educational Society was Established in the year 2009 on lofty and noble ideals to impart excellent technical and value-based Education under the able and dynamic leadership of **Sri. R. Rama Mohan Reddy**, Secretary & Correspondent, **Sri. M. Nagamalla Reddy**, President and **Dr. S. Ramalinga Reddy**, Director who are young, dynamic and committed to provide best education to the students. ACEM is beautifully nestled against an array of mountains and lush greenery about 10 km from the heart of Madanapalle. The College is accredited with an "A+" Grade by NAAC. The Department of Artificial Intelligence & Data Science established in the year 2021, has well-qualified, committed faculty members and has steadily grown from its humble beginning to a full-fledged department. It has well-equipped laboratories. The department facilitates faculty to work as a team update their knowledge and develop skills to match the industrial and technological requirements.

Faculty conducting this Programme

The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/ NITs /IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

Sponsorship Certificate

Dr./Mr./Ms..... is an employee of our Institute/ Organization and is hereby sponsored to participate in the FDP on "**Applications of Data Science & Analytics**", sponsored by **Electronics & ICT Academy** during **20th June – 27th June, 2024** in Blended Mode at Aditya College of Engineering, Madanapalle, Annamayya District, A.P.

Signature of the Head of the Institution
(With Seal)

Registration Fee Particulars:

- Name :
- Designation :
- Institution :
- E-mail :
- Mobile No. :
- Payment Details :

Reference No. :	
Amount :	
Bank :	
Date :	
- Address for Correspondence :
- Educational Qualification :
- Subjects taught so far :
- No. of Refresher courses/ Workshops attended :
- Experience (In Years) :

Teaching :	Research :	Industry :
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- Do you belong to SC/ ST : YES/ NO

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Date :

Signature

Address for Correspondence

Dr. R. Mahammad Shafi

Professor, Department of AI & DS,
Aditya College of Engineering, Madanapalle – 517 325.
Annmayya District, A.P.

Mobile: +91-9951622786

E-mail: ainds.hod@acem.ac.in

All delegates are hereby requested, after completion of application form, Payment details, screenshot of the payment and scanned application to be uploaded in the **Online Registration link**.

COORDINATORS

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