CHIEF PATRON

Dr. P . Rajeshwar Reddy, M L C.
Chairman, Rythu Samanvaya Samithi,
Government of Telangana,
Secretary & Correspondent AEC.

PATRON

Dr. M . V . SivaPrasad
Principal, AEC.

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Dr. V . Srinivasa Rao,
Professor & Head, Department of ECE.

Mrs. V . Varalaxmi, Associate Professor, Dept. of ECE.

CO-COORDINATORS

Mr. L . Hari Prasad, Associate Professor, Dept. of ECE.

Mr.V . David, Associate Professor, Dept. of ECE..

PROGRAM MONITORING COMMITTEE

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Principal, AEC.

Dr. V . Srinivasa Rao [Member Secretary]
Professor & Head, Department of ECE.

Dr. Rajan Balasubramanian [Subject Expert]
Professor, Department of ECE.

Dr. M. Murugesan [Member]
Professor & Head, Department of CSE.

Mr. S . Chandra Sekhar [Member]
Associate Professor & Head, Dept. of EEE.

REGISTRATION

Registration Fee: FREE

Important Dates [Phase-II]

Last date for registration   : 16-01-2021
Intimation of selection   : 17-01-2021

How to apply

The applicants can register with the following link for Phase-II. Selection will be on first come first serve basis. Certificates to be issued to only those participants who have minimum 80% attendance and 60% pass marks.

Registration link

https://forms.gle/6iAGJYKJ2tDAAj82A

The mode of STTP is through ONLINE platform (Google MEET).

PROGRAM ORGANIZING COMMITTEE

Mrs.V.Kalyani , Assoc. Professor, Dept. of ECE.
Mrs.B.Swetha, Assoc. Professor, Dept. of ECE.
Mr.K.Rama Krishna, Assoc. Professor, Dept. of ECE.
Mr.T.Narasimha Rao, Assoc. Professor, Dept. of ECE.
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Mrs.P.Kowmudi, Asst. Professor, Dept. of ECE.
Ms.D.Shirisha , Asst. Professor, Dept. of ECE.
Ms.J.Sujitha , Asst. Professor, Dept. of ECE.
Mr.S.Uday Kumar, Asst. Professor, Dept. of ECE.
Mr.D.Naga Raju, Asst. Professor, Dept. of ECE.

**AICTE-AQIS Sponsored
One Week Short Term Training Program**
on
**Python Based Machine Learning,
Fundamentals to Application. [Phase-II]**
18th to 23rd January, 2021

Organized by

Department of Electronics and Communication Engineering

Anurag
ENGINEERING COLLEGE
An Autonomous Institution

Ananthagiri (V&M),Kodad,Suryapet(Dt.),T.S,India,PIN: 508206

www.anurag.ac.in

Amartya Educational Society is established in 2001 with an aim of bringing quality engineering education closer to the rural students. The society comprises of inspiring team of academicians, industrialists and NRI entrepreneurs whose valuable knowledge and experience are the guiding factors. The society is running the Institution as a Not-For-Profit Institution.

Anurag Engineering College is established in 2001 and is reputed as one of the most preferred college for engineering education within short time. The college has created a resourceful and inspiring academic ambience and world class infrastructure. The college is Private Self-Financing Institution.

The College is approved by AICTE, New Delhi. The College is permanently affiliated to Jawaharlal Nehru Technological University, Hyderabad (JNTUH). Anurag Engineering college is an Autonomous Institution with TEQIP granted College.

DEPARTMENT OF ECE

The department of ECE was established in 2001 with an intake of 60 students in the UG programme. The intake was enhanced to 90 in 2005. In the year 2007 an additional intake of 30 was sanctioned, next in the year 2011 intake was extended to 180. The department has highly qualified and experienced faculty. There are Two Doctorates in the department. The department has good infrastructural facilitates and is equipped with full-fledged laboratories. The department also has audio-visual facilities with one LCD and Digital Flip Board for effective teaching. The staff members are deputed to participate in workshops, conferences, and refresher courses to keep in pace with recent developments in the field of Electronics & Communications Engineering.

The Department is Accredited by AICTE-NBA thrice. As part of the curriculum, Industrial visits are arranged for students of B.Tech (ECE) in IV year I and II Semesters. Students of our department actively participate in National-level Student Paper Presentation Contests being organized at various engineering colleges and universities. A few of them have been awarded in these paper presentation contests. The Department organizes a one day National-level Technical Symposium under the association of E-SPICE in the name of ASCARYA. Departmental Library caters to the needs of the students & staff. The Institute has an ISTE Faculty Chapter and the faculties of our department who are members of ISTE actively participate in the various activities of ISTE.

OBJECTIVE OF THE STTP

The proposed STTP is sponsored by **AICTE** New Delhi, aims at imparting Awareness and training on "**PYTHON BASED MACHINE LEARNING, FUNDAMENTALS TO APPLICATION**" helps in updating the academic and research knowledge of the participants from Engineering colleges, Research organizations. The main focus will be on python based machine learning applications. Participants of the program will have an opportunity to interact with the eminent people selected as our resource persons from various NIT's and Universities, industries and Research & Development organizations.

RESOURCE PERSONS

1. Dr. Y.V.K.Ravi Kumar, BITS Pilani, Hyderabad.
2. Dr.Ch.SreeLatha , NIT,Andhra Pradesh.
3. Dr. J. Arul Valan, NIT-Nagaland.
4. Mr.N.Sriharsha, Senior Vice President ,RazorThink Inc ,USA.
5. Mr. G. Aravind, USA.
6. Dr. Rajarshi Maha Patra,IIIT Naya Raipur.
7. Prof. J. Santhana Krishnan, NIT Nagaland.
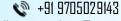8. Dr. K. Koteswara Rao, PVPSIT- Andhra Pradesh.

CONTENT OF STTP

- Introduction to Machine Learning, Linear Regression.
- Logistic Regression.
- Principle Component Analysis.
- Performance Evaluation metrics for Predictive Analytics.
- Applications of Machine Learning –Hands-on.
- Classification & Regression Algorithms in ML.
- Stock market prediction using ML , SVM
- Artificial Neural Networks.
- Role of Python on bringing software Engineering to Computer Networks with SDN.
- Machine Learning for Communications.

FOR FURTHER DETAILS PLEASE CONTACT

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