

About the Institution

Geethanjali Institute of Science and Technology, is providing quality Engineering and Technical Education to the rural and under privileged sections on par with the creamy layer of the society. The College is well connected by road with NH5 at 3 KM and located 500 meters away from the Bombay Highway at Gangavaram (V), Kovur (M), Nellore District, Andhra Pradesh.

Since its inception in 2008, the institute has established highest academic standards in technical education, to emerge as a premier institution in the district. The institute offers 8 Undergraduate and 5 diploma programs in Engineering. This Institute is approved by AICTE, Accredited with grade 'A' by NAAC and NBA (B.Tech: ECE, EEE & ME).

The college has attained Autonomous status approved by UGC and JNTUA, Ananthapur. Also, this institute is recognized under 2(f) & 12 (B) of UGC.

Chief Patron

Prof. G. Ranga Janardhana
Hon'ble Vice-Chancellor,
JNTUA, Ananthapuramu.

Patrons

Prof. M. Vijaya Kumar
Rector, JNTUA.

Prof. C. Sashidhar
Registrar, JNTUA.

Chair person

Dr. Sundeep Kumar. K
Principal, GIST.

Program Director

Prof. B. Eswara Reddy
Director,
Faculty Development Cell, JNTUA
& Secretary, ISTE AP Section.

Program Convenor

Dr. K. Radhika
Dean-Academics &
Professor/ECE/GIST.

Program Coordinators

Dr. Rajani Rajalingam
Professor/CSE/GIST

Ms.V.Gayatri
HoD/CSE/GIST

Dr.U.Penchalaiah
HoD/ECE/GIST

A Five-Day Faculty Development Program on "Cyber Security and Big Data Analytics"

01st to 05th, August 2023



Organized by
Geethanjali Institute of Science and
Technology, Nellore.



&

Faculty Development Cell
Jawaharlal Nehru Technological
University, Anantapur.



In Association with

ISTE AP Section



Resource Persons

- 1) Dr. M. Rama Subba Reddy
Professor, Biomedical Engineering Group, Department of Applied Mechanics, IIT, Chennai.
- 2) Dr. R. Padmavathi
Professor, Department of CSE, NIT, Warangal.
- 3) Mr. C. Venkateswarlu
Senior Architect, TCS, Bangalore.
- 4) Mr. B. Ranjith Reddy
Associate Vice-President
Reliance Jio, Bangalore.
- 5) Ms. J. K. Swapna,
Principal member of technical staff,
Oracle India Pvt Ltd, Bangalore.
- 6) Dr. Bheemappa Halavar.
Associate Professor, IIIT, Sri city,
Chittoor.
- 7) Dr. Ramesh Ragala,
Associate Professor,
Department of CSE, VIT, Chennai.
- 8) Dr. C. Shoba Bindu,
Director, R&D, Dept., of CSE,
JNTUA, Ananthapuramu.
- 9) Dr. Sandhya G
Professor, Department of CSE,
REVA University, Bangalore.
- 10) Dr. Gopi Chand,
Research Head,
Wipro, Bangalore.

About FDP

The objectives of the FDP are threefold:

- (i) It would lay the foundation for a novice to enter into the portals of **Cyber Security & Big Data Analytics** and provide an insight into various techniques that are currently in use.
- (ii) It provides a necessary base for participants to carry out research in the specified domains to enhance skills and technical expertise.
- (iii) It could provide the platform for solving complex problems in a systematic manner, upgrading their teaching abilities.

Session Topics

- Understanding Map Reduce Fundamentals
- Introduction to HBase, Exploring HIVE
- NoSQL Data management
- The key processes in Big Data
- Major Big Data Analytics tools and services
- Real-life Big Data Analytics use cases
- Basics of Cryptography and Algorithms
- Cyber Security Policies and Procedures
- Network Security.
- Incident Response and Disaster Recovery
- Application Security, Cloud Security

Prerequisite

Knowledge of Python Programming is preferable for hands on training.

Targeted Faculty

Teaching staff of constituent and affiliated colleges of JNTUA.

Performance Evaluation

Every module includes a hands-on Performance evaluation. Successful Participants will be awarded with Certificates.

Registration

- For Registration, please scan QR Code (or) use Registration Link: <http://surl.li/itzid>



- **No Registration Fee.**
- Number of Registrations limited to 30. Participants will be selected on a first come first serve basis.
- A maximum of three participants can be allowed from a college.
- **Selected participants should carry Laptops.**
- Accommodation will be provided for outstation participants.

Organizing Members

Dr. Y. RaviSankar/Associate Professor/ECE
Mr. Sk. Asiff /Associate Professor/CSE
Mr. P. Vijaya Bhaskar Reddy/Assistant Professor/ CSE
Mr. Y.Venkata Ramesh/Assistant Professor/ CSE
Ms.K.Suneela /Assistant Professor/ECE
Ms.B.Akhila/ Assistant Professor/ECE

Contact Details

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Venue

New Seminar Hall,
Geethanjali Institute of Science and
Technology, Nellore.