

REGISTRATION

- Free online registration for 200 participants on first cum first serve basis.
- Registration is through ATAL Portal.
- Participants registration link:
<https://atalacademy.aicte-india.org/login>
- The program is open to Faculty members of AICTE approved Institutions, Research Scholars, PG students, persons working in industries and R&D organizations.

Important Dates

- Last Date for Registration : 11-01-2021
- Dates of the FDP : 19th -23rd January 2021

Note:

- A test shall be conducted by coordinators at the end of the program.
- The certificate shall be issued to those participants who have attended the program with 80% attendance and scored minimum 60% marks in the test.

ORGANIZING COMMITTEE

Chief Patrons

Dr. Nageswara Rao Vallurupalli,
Chairman

Sri. Srinivasa Rao Musunuri,
Co-Chairman

Er. Satyanarayana Rao Vallurupalli

Secretary & Correspondent

Sri. Ramakrishana Vallurupalli

Co- Secretary & Correspondent

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Advisor to the Management

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Director-Academic Strengthening & Advancement

Dr.P.Nageswara Reddy

Director-PG studies, Consultancy & Testing and R&D

Patron

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Principal

Co-Patrons

Dr. M.R.Ch.Sastry,
Vice Principal-Academics

Dr. P.Kodanda Rama Rao,
Vice Principal-Administration

Coordinator

Dr. Ch. Kavitha,
Professor & Head,
Department of Information Technology,
Gudlavalleru Engineering College,
Gudlavalleru.

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Contact Address

Department of IT,
Gudlavalleru Engineering College,
Gudlavalleru.

A Five Day National Level Online Faculty Development Program on Data Science

19th-23rd January 2021

Sponsored by



Organized by
Department of
Information Technology

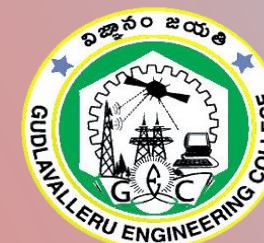
GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Sheshadri Rao Knowledge Village
Gudlavalleru - 521356, Krishna District,
Andhra Pradesh, India.

Ph: 08674-273737, 273888

www.gecgudlavalleru.ac.in



ABOUT THE INSTITUTE

Gudlavalleru Engineering College is the vision of late Sri Vallurupalli Venkata Rama Seshadri Rao, the man behind the college. It was started in the year 1998 by the AANM & VVRSR Educational Society with an intake of 180 and 4 UG programs. GEC became an autonomous institution in 2014 and got accredited by NAAC with 'A' grade. The UG programs obtaining accreditations by NBA from 2008 onwards. GEC bagged ISTE award at National level. Presently, GEC is offering UG B.Tech programs in 8 courses, PG M.Tech program in 5 courses and PG MBA programme with a total intake of 1386. The institution is continuously striving for excellence by adopting changes to improve the systems, practices and performance. The college is situated at Gudlavalleru village and is surrounded by lush green fields providing serene learning environment. Gudlavalleru is 12 Km from Gudivada, 22 Km from Machilipatnam and 58 Km from Vijayawada. The nearest airport is Gannavaram (Vijayawada) 45 Km.

Our Philosophy

- We hold ourselves to the highest standards in all our academic endeavors.
- We adhere to high standards of integrity, honesty and ethics in our pursuits.
- We nurture creativity and talent.
- We provide an atmosphere of mutual respect and compassion.
- We serve the society.

ABOUT THE DEPARTMENT

Department of Information Technology is established in the year 1999. The department has started a program B.Tech in Information Technology with an intake of 60. IT Department was accredited by NBA in 2008, 2012, 2016 in Tier-II and 2019 in Tier-I. The current intake is 180. The key objective of the department is to impart the cutting edge technologies to the students to make them ready to meet the challenging demands of the Industry. It has the good infrastructural facilities to cater the needs of both teaching and research. The department is continuously striving hard to impart quality education and induce competitive spirit among students for academic excellence. The department is maintaining the good placement records.

Theme of FDP:

Data Science is the most active frontier for innovation. It is a multi-disciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data. The analysis of colossal data sets is highly important in government, marketing, medicine, finance, business etc. This program provides detailed information regarding pertinent aspects related to data sciences and data analytics. It helps in applying appropriate analytic techniques and tools to analyze big data, create statistical model and identify insights that can lead to actionable results.

RESOURCE PERSONS

- Dr.V.Sunil Kumar
Director-Data Science, Ericsson, Bangalore
- Dr. P. Emmanuel Subhakar,
Associate Professor and Head
Dept. of CSE, MNIT, Jaipur, Rajasthan.
- Dr. A. C. S. Rao, Assistant Professor,
Department of CSE, IIT (ISM), Dhanbad
- Dr.T. Rama Krishnuadu,
Assistant Professor of CSE, NIT Warangal.
- Prof. KVSG Muralikrishna,
Principal JNTUKCE, Narasaraopet
- Dr.G.Jaya Suma,
Professor & Head, Department of IT
JNTUK-UCE, Vizianagaram.
- Dr.K.Shahu Chatrapati,
Professor & Head, Dept. of CSE,
JNTUHCE, Manthani.
- Mr.Sam Oguri,
Director, Chegg India, Visakhapatnam

Major Course Contents:

- Overview of Data Science
- Data Visualization Techniques
- Exploratory and Predictive Analytics
- Data Analytics and Machine Learning
- Big Data architectures
- Applications of data science

Outcomes of FDP:

After the completion of FDP the participants will be able to:

- Apply data science techniques to solve real world problems.
- Interpret analytical models to make better business decisions.
- Convert datasets to models through predictive analytics.
- Understand the challenges associated with scaling big data algorithms.