

GVP COLLEGE OF ENGINEERING (A), VISAKHAPATNAM

Gayatri Vidya Parishad College of Engineering (A) [GVPCE(A)] was established in 1996 by Gayatri Vidya Parishad, a premier educational trust, to promote technical education. This institute is offering 10 B.Tech, 5 M.Tech and one MCA program under the affiliating University, Andhra University. The College was granted autonomous status by UGC in 2009. The status of autonomy is further extended by UGC up to 2025. The institute has been accredited by NAAC two cycles with A grade with CGPA of 3.47. The institute has been accredited by NAAC for the third cycle with A++ Grade with CGPA of 3.52 for 7 years. All the eligible seven B. Tech programs are accredited at least thrice by NBA. The institute reached another mammoth milestone by receiving fund to the tune of Rs 5 crore under Sub-Component 1.2 of Technical Education Quality Improvement Program Phase II (TEQIP- II) for Scaling up PG Education and demand-driven Research & Development and Innovation in the country. The institute is recognized by Indian Society for Technical Education as "The Best Engineering College" of Andhra Pradesh and Telangana States. The college boasts of an established Skill Development Centre with 6 Laboratories in tandem with APSSDC and Siemens and a dedicated Incubation Centre with 10 start ups at work under Centre for Innovation. The institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real-world experiences.

ABOUT THE DEPARTMENT

The Department of Civil Engineering started in 1999, with an intake of 30 students. The current intake is 120. The department also started two M.Tech programs in Infrastructural Engineering and Management, in 2008 and Structural Engineering in 2011 with an intake of 18 each. The department has well-qualified faculty and well-equipped laboratories to impart training to the students. The faculty are also working on internally and externally-funded R&D projects and have published their research in various journals and conferences. The Department has signed MoUs with reputed organisations like NHAI, GVMC, UNDP-GoI (USAID), ISRO, M/s Eco-Carbon Private Limited, AARVEE Associates. The Department has different student chapters like IGBC, IEI (I), ICI, ACE. The Department has been accredited thrice by NBA.

RESOURCE PERSONS

1. **Pankaj Bodani**, Scientist - 'SF', Space Application Centre, Ahmedabad, ISRO
2. **Sri Ravi Achalla**, Director, Geo Solutions Delivery Head, Coginzant
3. **Dr VSS Kiran**, Founder and CEO, Garudalytics
4. **Dr. G Chandrasekhar**, Practice Head, Data and Analytics, Wipro Technologies Ltd, Hyderabad.
5. **Shweta Mishra**, Scientist - 'SF', Space Application Centre, Ahmedabad, ISRO
6. **Prof. Vazeer Mahammood**, Professor in Civil Engineering, Andhra University
7. **Dr.K.B.V.N.Phanindra**, Professor, Civil Engineering Department, IIT Hyderabad
8. **Mr. Ramesh Konchada**, General Manager, AllTerra Solutions
9. **Prof. Ch Ramesh Naidu**, Professor, Dept of Civil Engineering, GVP College of Engineering (A)
10. **Dr. S. Chandramouli**, Professor, Dept of Civil Engineering, MVGRCE(A), Vizianagaram
11. **Dr.Ch.Suryanarayana**, Dept of Civil Engineering, GVP College of Engineering (A)

LIST OF TOPICS

1. Geographic Information System(GIS)
2. Surveying and Remote Sensing(DGPS, Lidar Surveys, Satellite, Aircrafts and UAV/Drones)
3. Information Technology (Navigation, WebGIS, IoT, Data Science, Artificial Intelligence and Applications with Cloud)
4. Computerized Databases
5. 3D Modeling and BIM

REGISTRATION FEE

Rs.200/- (for students & Research Scholars)

Rs.300/- (for faculty)

Rs.500/- per participant (from Industry, Government & Private Sector)

ACCOUNT DETAILS

Union Bank of India,
Kommadi branch, Visakhapatnam
A/c No. **19191201000231**
IFSC Code : **UBIN0819191**



A One Week

Faculty Development Programme

(Online mode)

On

**“Geo Spatial Intelligence –
Tools, Techniques, and Applications”**

6th - 11th January, 2025

Organized by

Department of Civil Engineering

Gayatri Vidya Parishad College of Engineering

(Autonomous)

REGISTRATION FORM

1. Name:
2. Designation:
3. Category of Participant : (Faculty / Research scholar/Student /Industry):
4. Institution/ Organization:
5. Address for Communication:
6. E-mail ID:
7. Telephone/Mobile No:
8. Registration Link:
<https://forms.gle/qr5sW8WAatE9Qzun6>

ORGANISING COMMITTEE

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Dr.Ch. Suryanarayana, Assistant Professor

Mr. Y. Pratap, Assistant Professor

Members

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Sri.K.Sridhar, Associate Professor

Sri.K.Padmanabham, Associate Professor

Dr.G.Madhuri, Associate Professor

Dr.V. Mahalakshmi Naidu, Associate Professor

Dr.N.Ramakrishna, Associate Professor

Smt.J.Sumasree, Assistant Professor

Smt.D.Preethi, Assistant Professor

Sri.V.Ramesh, Assistant Professor

Smt.A. Chandrakala, Assistant Professor

Sri. D. Pradeep, Assistant Professor

Sri. V. Bhaskara Rao, Assistant Professor

Sri. G.L.Ravi Raj, Assistant Professor

Dr. G Santosh Kumar, Assistant Professor

About the programme

Geospatial intelligence, with its emphasis on data analysis, software tools, and technological integration, is increasingly relevant across various fields. IT specialists can leverage geospatial data for enhanced data visualization and improved decision-making processes, while engineers can apply these insights to optimize design, construction, and maintenance projects. This one week Faculty Development Program on "Geospatial Intelligence - Tools, Techniques, and Applications", is a comprehensive program that is meticulously designed to provide an in-depth understanding of how Geospatial technology used in various fields in the rapidly evolving world. Participants will delve into cutting-edge tools and techniques, including advanced Remote Sensing, Geographic Information Systems (GIS), UAV and Information Technology while exploring their wide array of applications across various critical domains such as infrastructure development, Urban Planning, Environmental Monitoring, Disaster Management, and agriculture. This program is highly beneficial for professionals and academics in Engineering, IT and interdisciplinary branches. By participating in this program, individuals from diverse technical backgrounds will gain valuable skills that are applicable to a wide range of modern engineering challenges and innovations.

Under the guidance of esteemed experts and industry leaders, this FDP promises to elevate your technical acumen and foster interdisciplinary collaboration. Through a series of interactive lectures, and real-world case studies, you will gain the skills necessary to effectively integrate geospatial intelligence into research, teaching and consultancy. This program is not only an opportunity to stay at the forefront of technological advancements but also a platform to network with peers and pioneers in the field.

Whether you aim to advance your academic career, drive innovation in your research, or contribute to impactful solutions in your professional practice, this program offers the perfect blend of theoretical insights and practical expertise. Join us in this enriching experience to unlock the full potential of geospatial intelligence, enhance your curriculum, and make a meaningful difference in addressing contemporary challenges through the power of spatial data and analysis.

Who can attend: Faculty and students from academic institutes, Employees from Industry, Government and Private sector.

IMPORTANT DATES

Last date for registration: **28-12-2024**

Intimation of registered candidates: **31-12-2024**

FOR DETAILS, CONTACT

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**Department of Civil Engineering
Gayatri Vidya Parishad College of
Engineering (Autonomous)**

Approved by AICTE, New Delhi and

Affiliated to Andhra University, Visakhapatnam from

2022-23

(Affiliated to JNTUK - Kakinada upto 2021-22)

Accredited by NAAC at “A++” Grade

for 7 years in the 3rd cycle

Madhurawada, Visakhapatnam-530048

Fax No. 0891-2739605, <http://www.gvpce.ac.in>