

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

# FACULTY DEVELOPMENT PROGRAM

### ON PROJECT MANAGEMENT WITH GIT

DATE-18/10/2023 to 20/10/2023

The FACULTY DEVELOPMENT PROGRAM conducted at **Shridevi Institute of Engineering and Technology**, hosted by the Department of Artificial Intelligence and Data Science, exemplified contemporary innovations in the domain. The trainers are Gangadhar S from Tiger Analytics and Dr.Girish L, HOD of AI&DS , are leading experts in the field, imparting cutting-edge knowledge and practical insights to the participants.



**Shridevi Institute of Engineering and Technology, Tumakuru**  
Affiliated College under VTU, Belagavi; AICTE Approved Institution.  
Sira Road, Tumakuru - 572106, Karnataka.

VTU Sponsored



**3 Days Faculty Development Program**  
on  
**PROJECT MANAGEMENT WITH GIT**  
(Hands - On Training As Per VTU Syllabus)  
Date: 18, 19 & 20 October 2023  
(Online / Offline Mode)  
Organised by  
Department of Artificial Intelligence & Data Science



**CHIEF PATRON**  
**Dr. M. R. HULINAYKAR**  
Hon'ble Chairman and Managing Trustee,  
Shri Shridevi Charitable Trust (R), Tumakuru.

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Principal SIET, Tumakuru,  
Academic Senate Member, VTU - Belagavi.

**CONVENOR**  
**Dr. GIRISH L**  
Associate Professor & Head, Dept of AI & DS, SIET  
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**ORGANIZING COMMITTEE**  
**Dr. Charan. K. V**  
Associate Professor, Dept of AI & DS, SIET  
**Prof. Kotramma Mathada**  
Assistant Professor, Dept of AI & DS, SIET  
**Prof. Shruithi. S**  
Assistant Professor, Dept of AI & DS, SIET

**ABOUT THE INSTITUTION**  
Shri Shridevi Charitable Trust (SCT) is a brainchild of Honorable Dr. M. R. HULINAYKAR, who is a Managing Trustee and Ex-MLC of Karnataka. He is the epitome of Knowledge and has rendered his Service in multiple academic sector such as Medical, Engineering, Pharmacy, and Nursing etc. Currently, Trust is running 12+ Institutions under various streams of educations. Shridevi Institute of Engineering & Technology (SIET) is one among the SCT and it is established in the year 2002 with the sole aim to impart quality Technical Education. It has attained brand in engineering with 20 years of Academic Excellence.  
SIET is affiliated to Visvesvaraya Technological University, Belagavi, Karnataka, and is approved by AICTE New Delhi. At present, SIET offers 7 Under-Graduate Programs, 4 Post Graduate Programs and 4 Ph.D. Research Programs. It is covering the engineering and management streams. Since its inception, 17+ batches of engineering students have successfully passed out in which many of the students have pursued their higher studies in India, abroad and a majority of them have well established in their career.



**ABOUT THE DEPARTMENT OF AI & DS**  
The Department of Artificial Intelligence and Data Science at SIET College, established in 2021 with an intake capacity of 60 students. The Department is dedicated to shaping the future of industry and society through cutting-edge education, research, and innovation. Our mission is to produce highly skilled professionals in the fields of AI and Data Science and empower them to thrive in their careers by providing top-notch education, rigorous training, and fostering a culture of research and development. The department is having dedicated and experienced team of faculty members who are experts in the fields of Artificial Intelligence and Data Science.

## **ABOUT THE INSTITUTION**

Shri Shridevi Charitable Trust (SCT) is the visionary creation of the esteemed Dr. M. R. Hulinaykar, a distinguished Managing Trustee and former Member of the Legislative Council (MLC) of Karnataka. Dr. Hulinaykar stands as a beacon of knowledge and has made significant contributions to multiple academic sectors, including Medicine, Engineering, Pharmacy, and Nursing. Currently, the Trust oversees the operation of more than 12 institutions across various educational domains.

Among these institutions, Shridevi Institute of Engineering & Technology (SIET) stands out as a testament to the Trust's commitment to providing quality technical education. Established in 2002, SIET has garnered a reputation for academic excellence over its 20-year journey. Affiliated with Visvesvaraya Technological University, Belagavi, Karnataka, and approved by the All India Council for Technical Education (AICTE) in New Delhi, SIET offers a diverse range of educational programs.

Presently, SIET boasts offerings including 7 Undergraduate Programs, 4 Postgraduate Programs, and 4 Ph.D. Research Programs, encompassing both engineering and management disciplines. Since its inception, SIET has seen over 17 batches of engineering students successfully graduate, with many pursuing further studies both domestically and internationally. A significant number of SIET alumni have gone on to achieve notable success in their respective careers, further solidifying the institution's reputation for producing capable and accomplished professionals.

## **ABOUT THE DEPARTMENT OF AI & DS**

The Department of Artificial Intelligence and Data Science at SIET College was established in 2021, with an initial intake capacity of 60 students. Committed to shaping the future of industry and society, our department focuses on delivering cutting-edge education, conducting groundbreaking research, and fostering innovation.

Our mission is clear: to produce highly skilled professionals in the fields of Artificial Intelligence and Data Science, equipping them with the knowledge and

tools necessary to excel in their careers. We achieve this by providing top-notch education, offering rigorous training programs, and cultivating a culture of research and development.

At the heart of our department lies a dedicated and experienced team of faculty members. These experts in the fields of Artificial Intelligence and Data Science bring a wealth of knowledge and practical experience to the table, ensuring that our students receive the highest quality education and mentorship available. Together, we are committed to advancing the boundaries of Artificial Intelligence and Data Science and preparing the next generation of leaders in these critical fields.

### ABOUT FDP

A faculty development program on Project Management with Git can be a valuable initiative for faculties looking to incorporate modern project management and version control practices. Git is a widely-used distributed version control system that can be beneficial for managing coding projects, collaborating with teams, and tracking changes in various types of digital content.

Learning Git can be highly useful for students in terms of their placement and career prospects.

Here are several reasons why Git proficiency can enhance a student's employability:

- Industry Standard:** Many companies, especially in the technology sector, use Git for version control. Being familiar with Git demonstrates that a student is up-to-date with industry-standard tools and practices.
- Collaboration Skills:** Git is often used in team-based development projects. Proficiency in Git shows that a student can collaborate effectively with others, a crucial skill in most workplaces.
- Problem Solving:** Debugging and troubleshooting in Git are valuable problem-solving skills. Companies look for candidates who can efficiently identify and fix issues, which is a common part of Git usage.
- Project Management:** Git is often used in conjunction with project management tools. Understanding Git can demonstrate familiarity with project management practices, such as issue tracking and milestone management.
- Open Source Contributions:** Proficiency in Git enables students to contribute to open-source projects, which can be a significant asset on a resume. It showcases a willingness to collaborate with the global tech community.

### GIT IMPORTANCE IN PLACEMENT

- When preparing for job placements or interviews, students can highlight their Git skills on their resumes and discuss their experience with version control, collaborative work, and problem-solving during interviews.
- Demonstrating practical Git knowledge can help students stand out to potential employers and increase their chances of securing job opportunities, particularly in technical and development roles.



### GitHub Education



### REGISTRATION DETAILS

Registration to the VTU-sponsored FDP is open to personnel from academics. Participants can register for the FDP through the below link. Participant details and payment proof should be uploaded in the Google form shared below. The selection process is based on a first come first serve basis.

Registration fees Rs. 600 per participants

Last Date for Registration: 16th October 2023

Registration Link:  
<https://tinyurl.com/SIETFDP>

### FDP OUTCOMES

- Excelled basic commands of Git & can manage the Git Branches.
- Able to enhance the knowledge on Git for collaborative coding.
- Better hands-on with version controlling commands.
- Building & Publishing personal portfolio using GitHub.

### RESOURCE PERSONS

Resource persons are experts from industries and from reputed academic institutions




### FOR ANY QUERIES, CONTACT:

Dr. Charan. K. V: 8453485666

Prof. Kotramma Mathada: 9739050340

Prof. Shruthi. S: 7760088877



The Faculty Development Program at **Shridevi Institute of Engineering and Technology** is a comprehensive initiative designed to empower faculty members to excel in their roles as educators, researchers, and mentors. Grounded in principles of reflective practice and evidence-based teaching, this program provides faculty with the support, resources, and opportunities needed to enhance

their teaching effectiveness, pursue scholarly inquiry, and contribute to the academic community.

### **Objectives:**

**Elevate Teaching Excellence:** Equip faculty with innovative pedagogical strategies, instructional technologies, and assessment techniques to create engaging and inclusive learning environments that promote students success and critical thinking.

**Facilitate Scholarly Inquiry:** Foster a culture of intellectual curiosity and academic rigor by offering support for faculty research projects, scholarly publications, conference presentations, and interdisciplinary collaborations.

**Promote Professional Growth:** Provide personalized mentoring, coaching, and professional development opportunities to assist faculty in setting and achieving their career goals, whether in teaching, research, leadership, or service.

**Cultivate Community Engagement:** Encourage faculty involvement in community-based learning initiatives, service-learning projects, and partnerships with local organizations to enrich student learning experiences and address societal challenges.

**Embrace Diversity and Inclusion:** Offer training and resources to help faculty create inclusive classrooms, address implicit biases, and support the diverse needs of students from all backgrounds.

### **Program Components:**

**Teaching FACULTY DEVELOPMENT PROGRAM and Seminars:** Interactive sessions on topics such as active learning, flipped classrooms, culturally responsive teaching, assessment for learning, and fostering student engagement.

**Research Support Services:** Assistance with research design, literature reviews, data analysis, grant writing, manuscript preparation, and dissemination of scholarly work.

**Faculty Learning Communities:** Small-group discussions and collaborations focused on specific areas of pedagogy, disciplinary research, or interdisciplinary interests.

**Teaching Observations and Feedback:** Peer observations, classroom walkthroughs, and feedback sessions to promote self-reflection and continuous improvement in teaching practices.

**Technology Integration Labs:** Hands-on training and support for incorporating educational technologies, digital tools, and online resources into course design and delivery.

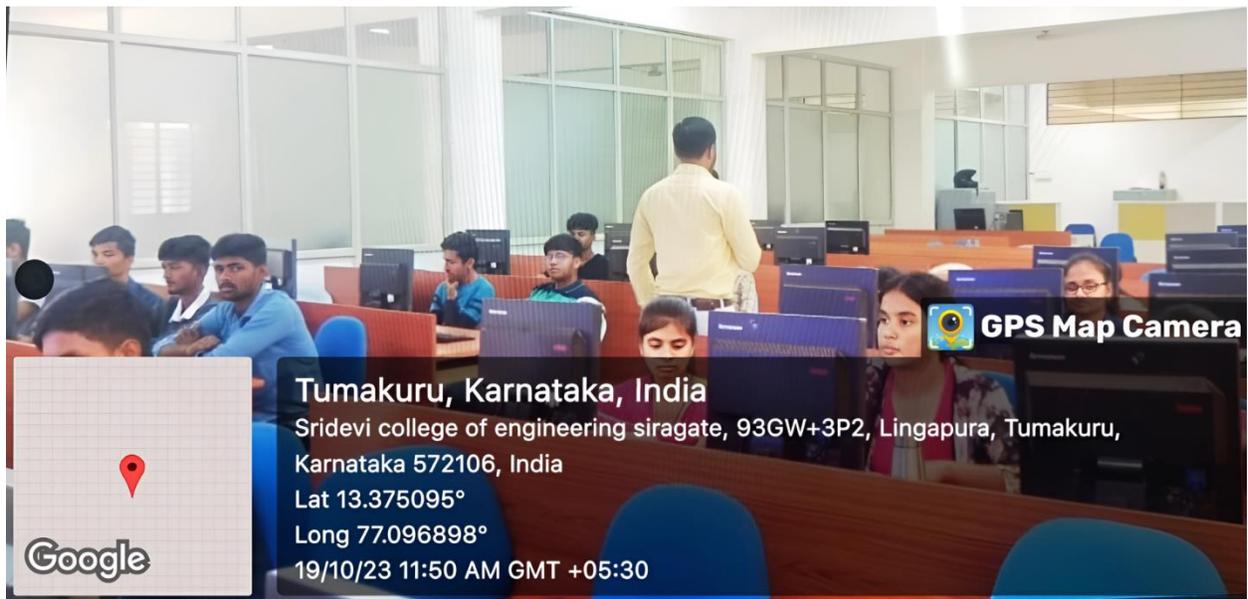
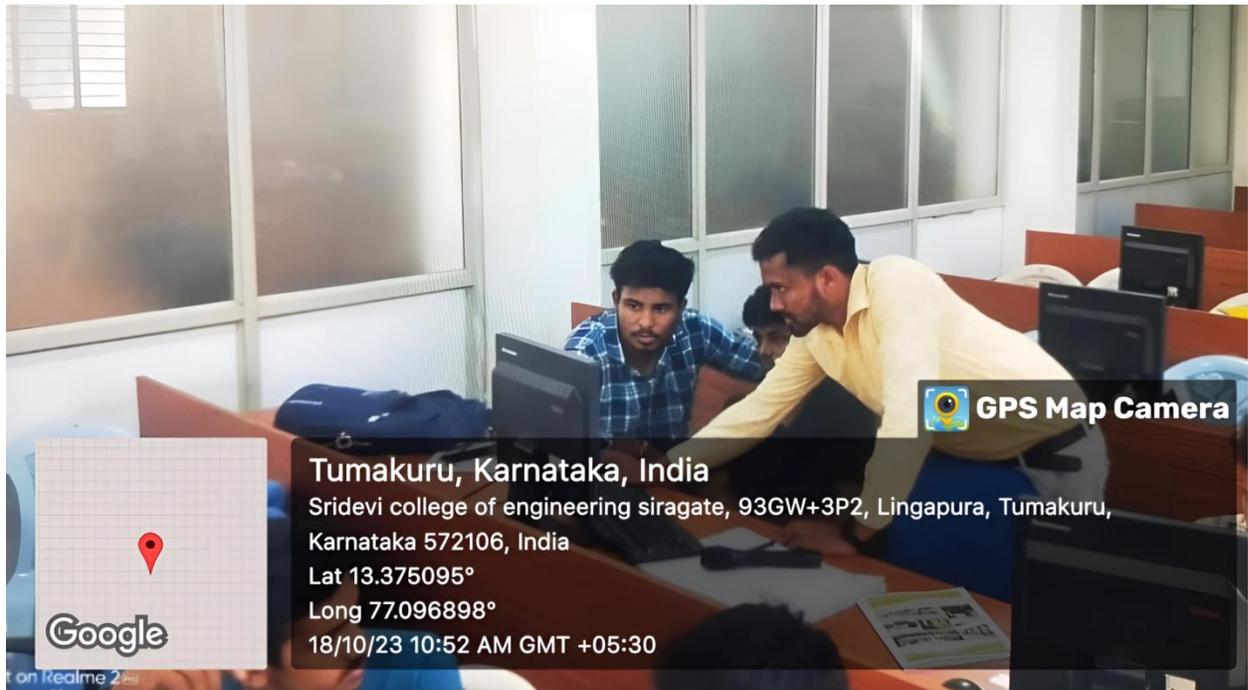
**Faculty Showcase Events:** Opportunities for faculty to share their teaching innovations, research findings, and best practices with colleagues through conferences, symposia, and showcases.

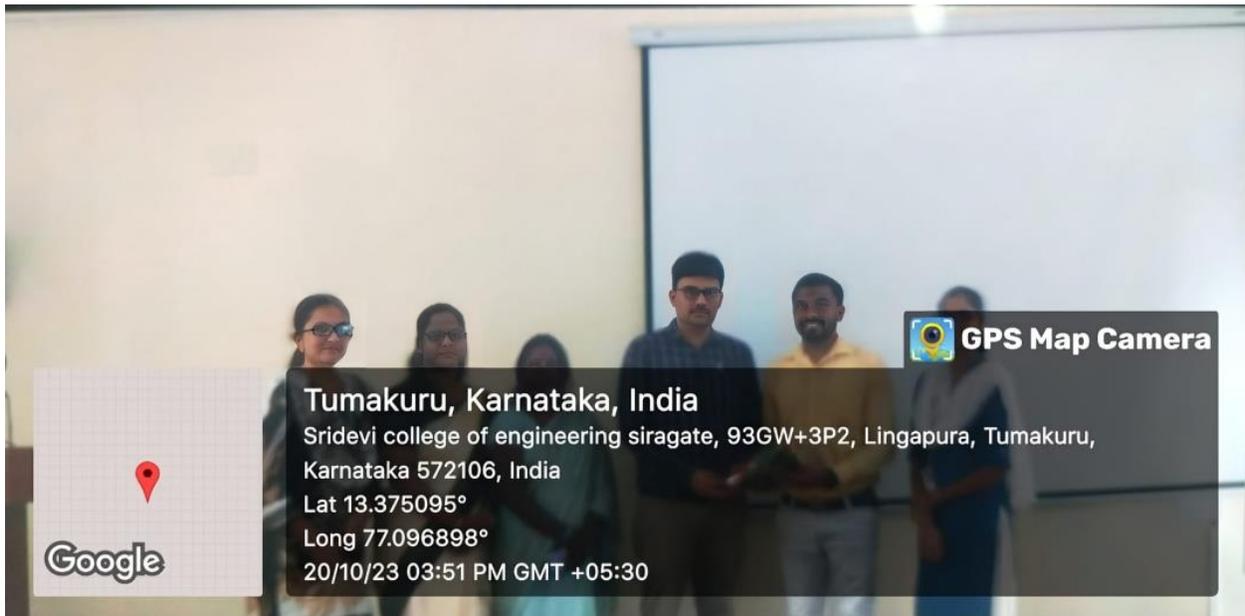
**Funding Opportunities:** Grants, awards, and travel stipends to support faculty research projects, curriculum development initiatives, conference attendance, and professional development activities.

#### **Participant Expectations:**

Faculty participants are expected to actively engage in program activities, contribute to a culture of collaboration and scholarship, and apply new knowledge and skills to enhance their teaching and research practices.

## Glimpses of FACULTY DEVELOPMENT PROGRAM





### Program Evaluation:

Ongoing assessment and feedback mechanisms will be employed to evaluate the impact of the program on faculty development outcomes, student learning outcomes, and institutional goals.