



07-Day National MDP on AI-Driven Pedagogy and Digital Competence for STEM Educators

Maps with SDGs- 4, 8, 9, and 17



GEETHANJALI
College of Engineering and Technology
Epicenter For Transformation



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



Maps with SDGs- 4, 8, 9, and 17

Organized By: Department of Management Studies
Geethanjali College of Engineering and Technology, Hyderabad

Date: June 09 - 15, 2025 | **Time:** 7:00 PM - 8:00 PM

Mode of Delivery: Online through Zoom Video Conferencing platform.

HOSTED BY: DEPARTMENT OF MANAGEMENT STUDIES



About *Scrollwell.*

Scrollwell is a dynamic and emerging organization in the education sector, dedicated to strengthening the education system and providing expertise in live training for professional development. Our commitment to excellence is reflected in our successful series of Faculty Development Programs for Digital Literacy, which have reached over 44,850 faculties from July 2020 to July 2024.

At Scrollwell, we recognize the challenges posed by teachers in the digital era, and our team of experts is dedicated to equipping educators with the latest knowledge and skills to deliver effective education. Our training programs are meticulously designed to cater to the diverse needs of professionals and learners, covering themes such as Engineering, Education, Start-up, and Entrepreneurship.

Our mission is to bridge the technological gap in education and empower those who shape the future.

We are recognized by esteemed organizations including **Startup India, MSME and Skill India Supported by Start-up Bihar** and the Centre for Innovation, Incubation & Legal Entrepreneurship, Chanakya National Law University, Patna.

We are part of
#startupindia



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्योग



N.S.D.C.
National Skill Development Corporation
Transforming the skill landscape



STARTUP BIHAR



Geethanjali College of Engineering and Technology, Hyderabad.



Geethanjali College of Engineering and Technology (GCET) was established in the year 2005 under the aegis of Teja Educational Society constituted by a group of academicians and intellectuals. It became an autonomous institution in the year 2016. In the year 2017, the institution was accredited by NAAC with 'A' Grade and with a score of 3.36 on a scale of 4, it was the highest by any institution in AP and Telangana that went for accreditation for first time. In 2022, the institution is re-accredited by NAAC with A+ grade.

The college offers undergraduate programs in engineering branches, namely, Computer Science Engineering (CSE), CSE- AIML (Artificial Intelligence & Machine Learning), CSE-DS (Data Science), CSE-CS (Cyber Security), CSE-IoT (Internet of Things), Civil Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Electronics and Communication Engineering, and postgraduate programs, namely, MBA and M. Tech in Computer Science.

Department of Management Studies established in 2006 with an annual intake of 60 students, the Department of Management Studies, currently led by Dr. J. Pardha Saradhi. With an average of 23 years of experience in research and teaching, he is dedicated to delivering education and support to the students.

The Department of Management Studies offers MBA program with specializations in Finance, Human Resource, Marketing and Entrepreneurship. The curriculum is designed to offer solutions to various real world business scenarios through project based learning, case study methods and business analytics.

In addition to the academic curriculum, the department offers various extracurricular activities such as soft skills training, case studies, group discussions, guest lectures, technical sessions, and industrial tours. These activities aim to provide students with exposure to the professional world and equip them with skills essential for their careers.

TOPICS TO BE COVERED

07-Day National Management Development Program on AI-Driven Pedagogy and Digital Competence for STEM Educators

This 07-day Management Development Programme is designed to empower STEM educators with the skills and knowledge necessary to thrive in today's rapidly evolving digital learning ecosystem. The programme focuses on integrating Artificial Intelligence, digital tools, and professional technologies to enhance instructional delivery, learner engagement, and academic productivity.

Key Highlights:

- Microsoft Word, Excel & PowerPoint for Academic Use
- Email Writing & Gmail Productivity
- Portfolio Building & LinkedIn Optimization
- AI Tools for Teaching & Assessment
- Learning Management Systems (LMS)
- Google Chrome Extensions for Educators
- Image & Video Generation for Educational Content
- Ethical Use of Technology in Education

Focus Areas

- Integration of AI in STEM education to enhance instructional delivery.
- Application of digital pedagogy tailored to STEM disciplines.
- Use of AI tools for personalized and data-driven learning experiences.
- Effective use of Learning Management Systems (LMS) for content delivery and assessment.
- Strengthening digital competence for innovative classroom practices.

Outcome

Participants will leave the MDP with:

- Acquired skills to apply AI tools in STEM teaching.
- Gained insights into effective digital teaching strategies.
- Understood methods for personalized, student-centered learning.
- Learned to use LMS for streamlined content delivery and assessment.
- Improved digital confidence and competence.
- Connected with a community of like-minded STEM educators.



TOPICS TO BE COVERED

- **Microsoft Word, Excel & PowerPoint for Academic Use:** Leverage Microsoft tools to create well-structured academic documents, analyze student data, and design engaging presentations that enhance classroom delivery.
- **Email Writing & Gmail Productivity:** Develop effective email communication skills and explore Gmail features that improve efficiency, organization, and professional interaction in academic environments.
- **Portfolio Building & LinkedIn Optimization:** Build a professional digital presence by creating academic portfolios and optimizing LinkedIn profiles to highlight achievements and connect with the global education community.
- **AI Tools for Teaching & Assessment:** Integrate AI-driven tools into teaching practices to streamline content creation, personalize learning, and automate assessments for better student outcomes.
- **Learning Management Systems (LMS):** Utilize LMS platforms to organize course content, facilitate communication, and monitor student progress, supporting a structured and interactive learning environment.
- **Google Chrome Extensions for Educators:** Enhance productivity and engagement by using free Chrome extensions designed to support teaching, learning, and classroom management.
- **Image & Video Generation for Educational Content:** Create visually rich learning materials using AI tools for image and video generation, making lessons more interactive and accessible.
- **Ethical Use of Technology in Education:** Understand the principles of ethical tech use in the classroom, promoting digital responsibility, data privacy, and appropriate online behavior among students.



Know your **TRAINER.**

As the founder of Scrollwell, I am passionate about strengthening educators and empowering learners. Through my work, I strive to build a world where everyone has access to quality education and the tools they need to succeed.

Creating impactful solutions that empower learners and strengthen educators. With over 5 years of experience impacting 55850+ teachers, students, and young professionals through classroom boot camps and online courses.

I am a Google Certified Educator with teaching experience in both traditional and online learning environments. Moreover, I am an MBA from National Institute of Technology, Jalandhar, and well accomplished in business planning, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, and Digital Marketing. I have also consulted with various schools, organizations, and companies for education-related services across different geographies in India.

Roshan Kumar

Founder and CEO - Scrollwell
Google Certified Educator

Portfolio Link: www.roshansingh.me

Linkedin: linkedin.com/in/whoroshan

Instagram: instagram.com/roshansingh.me

We are part of
#startupindia



ORGANISING COMMITTEE



Dr. J. Pardhasaradhi

Head of Department
Geethanjali College of Engineering and
Technology, Hyderabad.



Dr. A. Sita Madhavi

Professor, Member of Industry Institute Interaction
Geethanjali College of Engineering and
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K. Naupal Reddy

Sr. Assistant Professor
Geethanjali College of Engineering and
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REGISTRATION AND CONTACT DETAILS

Program Fee:

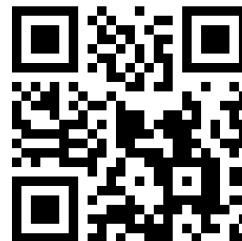
INR 500/- + Applicable GST

Registration Link:

<https://scrollwell.com/course/professional-development-in-ai-driven-pedagogy-and-digital-competence-for-stem-educators/>



MORE DETAILS



REGISTER HERE

Contact Us:

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Star-Merit System

The Star-Merit System promotes consistent learning, accountability, and engagement, while providing faculty with clear metrics to support participants' success.

It evaluates individuals across key performance indicators—attendance, assignment completion, engagement, and overall participation—ensuring recognition is based on measurable, sustained effort.

Category	What It Means	Weight
Attendance	Are you showing up on time?	25%
Engagement	Do you participate in class?	25%
Assignments	Are you submitting good work on time?	30%
Activeness	Do you help others or take initiative?	20%

Scoring Method

Each area is rated on a scale of 1 to 5. Use this weighted formula:

Final Score =

$(\text{Attendance} \times 0.25) + (\text{Engagement} \times 0.25) + (\text{Assignments} \times 0.30) + (\text{Activeness} \times 0.20)$



Certificate of Completion

This certificate is awarded to

JAYA SIKDER

from

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

has successfully completed the **07 Days Faculty Development Program on "Non - Parametric Data Analysis using SPSS"**. The program was held from **May 19 – 25, 2025**, and was hosted by **Scrollwell**.



Roshan Kumar
Founder and CEO
Scrollwell



Dr Prabal Chakrabarty
Associate Professor
JIMS, New Delhi



Certificate ID: SW20257568 and Date of Issue: May 25, 2025
Certificate URL: <https://scrollwell.com/verify.php?certificateID=SW20257568>

Star-Merit System

Rating	Performance	Criteria Overview
1.0 ★	Very Poor	<ul style="list-style-type: none">- Rarely attends sessions- No meaningful engagement- Assignments mostly missing- Passive presence, if any
1.5 ★½	Poor	<ul style="list-style-type: none">- Infrequent attendance- Limited interaction- Few assignments submitted- Occasionally responsive
2.0 ★★	Below Average	<ul style="list-style-type: none">- Attends irregularly- Minimal participation- Late or incomplete submissions- Shows some signs of interest
2.5 ★★½	Low Average	<ul style="list-style-type: none">- Attends over 50% of sessions- Sporadic engagement- Most assignments submitted but without depth- Limited but improving involvement
3.0 ★★★	Average	<ul style="list-style-type: none">- Regular attendance- Participates when prompted- Submits assignments on time with basic quality- Shows consistency but lacks initiative
3.5 ★★★½	Fairly Good	<ul style="list-style-type: none">- Above-average attendance- Engages occasionally on own- Assignments meet expectations- Demonstrates increasing initiative
4.0 ★★★★	Good	<ul style="list-style-type: none">- Consistent attendance- Active in discussions and activities- High-quality assignment submissions- Often takes lead or helps peers
4.5 ★★★★★½	Very Good	<ul style="list-style-type: none">- Nearly full attendance- Proactively engages in learning- Assignments show depth and originality- Acts as a motivator or role model
5.0 ★★★★★	Excellent	<ul style="list-style-type: none">- 100% attendance- Highly engaged in all sessions- Consistently exceptional assignments- Fully active, collaborative, and adds value to the group

Scrollwell Advantage



Intuitive & Detailed Explanations

"Inspiring lectures with clear, concise, and engaging explanations."

HD Videos + Crystal Clear Audio

"High-quality videos with clear audio for optimal viewing experience."



Practice Exercises, Real-Time Feedback

"Improve skills with interactive exercises and instant feedback."

Lifetime Access, Pocket Friendly

"Long-term value with budget-friendly options for continued access."



Project-based learning

"Hands-on learning through practical projects and real-world application."

Star-rated Completion Certificate

"Official recognition of completion for added credibility and motivation."

