MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Madanapalle-517325, Annamayya Dist., Andhra Pradesh, India.

MITS DEEMED TO BE UNIVERSITY

(Declared under section 3 of UGC Act, 1956 by Govt. of India - MoE)

www.mits.ac.in

Estd: 1998

DEPARTMENT OF CIVIL ENGINEERING

AY: 2025 – 2026

A Report on

Entrepreneurship Talk

By

Mr. Bhukya Govardhan Naik,

Co-Founder & CEO, EZZO Manufacturer Pvt. Ltd.

Organized by

Builders Club

Under the aegis of

ASCE MITS Student Chapter & ED Cell

on

14 / 10 / 2025

Report Submitted by: Mr. Imran Kuttagola, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Faculty Coordinators:

1. Mr. Imran Kuttagola, Builders Club Coordinator, Assistant Professor, Department of Civil Engineering
2. Mrs. Kandukuri Anitha, ED Cell Coordinator, Assistant Professor, Department of Civil Engineering
3. Dr. Nakkeeran Ganasen, IQAC Coordinator, Assistant Professor, Department of Civil Engineering.

Venue: Seminar Hall-B

Time: 4:00 pm to 5:00 pm

Mode of Conduct: Offline.

Attendees Count: 98 students

Objective of the Program

- The primary objective of the ***Entrepreneurship Talk*** was to inspire and educate students on entrepreneurial thinking, innovation, and self-employment opportunities within the engineering sector.
- The session aimed to provide real-world insights into the challenges and opportunities faced by young entrepreneurs, encouraging students to explore career paths beyond traditional employment.
- It also sought to enhance students' understanding of startup development, business planning, and leadership skills essential for success in the competitive industry.

Importance of the Program

- The program played a vital role in cultivating an entrepreneurial mindset among undergraduate students by bridging the gap between academic knowledge and practical business applications.
- Through the talk delivered by **Mr. Bhukya Govardhan Naik, Co-Founder & CEO of EZZO Manufacturer Pvt. Ltd.,** students gained firsthand exposure to the journey of a successful entrepreneur, from idea conception to business establishment.
- The session motivated students to think innovatively, identify opportunities in civil engineering and related fields, and develop problem-solving abilities with a focus on sustainability and technology. Additionally, it supported the institute's vision of promoting *entrepreneurial culture* under the **Builders Club, ASCE MITS Student Chapter**, and **ED Cell**, fostering self-reliance and leadership among future engineers.

Event details:

Builders Club, under the aegis of the **ASCE MITS Student Chapter** and **Entrepreneurship Development Cell (ED Cell)**, the **Department of Civil Engineering,** organised an ***Entrepreneurship Talk*** on **14th October 2025**, from **4:00 PM to 5:00 PM**, at **Madanapalle Institute of Technology & Science (MITS)**. The session aimed to inspire students towards innovation, entrepreneurship, and self-reliance by learning from real-world startup experiences.

The session commenced with a welcome address by **Dr. Vijayakumar. N**, Head of the Department of Civil Engineering, emphasised the importance of entrepreneurship and innovation in today's engineering domain. He welcomed the resource person, **Mr. Bhukya Govardhan Naik**, Co-Founder and CEO of *EZZO Manufacturer Pvt. Ltd.*, and appreciated his entrepreneurial journey as an example of leadership and creativity in the civil engineering sector.

Dr. Dipankar Roy, Dean – School of Engineering, addressed the gathering and highlighted the procedures, challenges, and significance of establishing startups in the current economic landscape. He encouraged students to develop innovative solutions to industry problems and explore entrepreneurship as a viable career path.

During the talk, **Mr. Bhukya Govardhan Naik** shared his experience of building his startup from concept to reality, explaining the step-by-step procedures involved in establishing a startup company. He discussed the importance of ideation, market research, product development, and team collaboration in entrepreneurship. He also demonstrated the digital applications he has developed, including the **Mono App and website**, designed to support students in their studies through interactive resources. Additionally, he introduced **EZZO Mart**, an online platform that connects civil engineering material vendors and customers, simplifying access to construction materials and services.

The session provided valuable insights into the entrepreneurial mindset, innovation, and practical aspects of business development. Students actively interacted with the speaker, gaining motivation and awareness about startup opportunities in the construction and technology sectors. The event concluded with a **vote of thanks** delivered by a student representative of the **Builders Club**, expressing gratitude to the management, Dean, HoD, and the resource person for their support in organising the talk.


MITS
GPS Map Camera
Angallu, Andhra Pradesh, India
Jfhh+v89, Angallu, Andhra Pradesh 517326, India
Lat 13.62943° Long 78.478794°
14/10/2025 04:44 PM GMT +05:30
Google


MITS
ASCE
GPS Map Camera
Angallu, Andhra Pradesh, India
Jfhh+v89, Angallu, Andhra Pradesh 517326, India
Lat 13.629409° Long 78.478743°
14/10/2025 04:43 PM GMT +05:30
Google

Outcomes of the Event

1. Students gained a clear understanding of the **steps involved in establishing a startup**, from idea generation to registration and market launch.
2. The session enhanced awareness about **entrepreneurship opportunities** within the civil engineering domain.
3. Participants learned about the **importance of innovation, networking, and digital tools** in developing sustainable business models.
4. The demonstration of **Mono App** and **EZZO Mart** inspired students to explore **tech-based solutions** for civil engineering challenges.
5. Students were motivated to **develop an entrepreneurial mindset**, fostering creativity, leadership, and problem-solving abilities.
6. The talk encouraged students to **utilise institutional support systems** like the **ED Cell and Builders Club** to transform innovative ideas into viable startups.

Program Outcomes (POs) Covered

1. **PO6 – The Engineer and Society:** Apply reasoning to assess societal, health, safety, legal, and cultural issues relevant to professional engineering practice, including entrepreneurship and sustainable business development.
2. **PO7 – Environment and Sustainability:** Understand the impact of engineering solutions and startup innovations in a societal and environmental context for sustainable development.

3. **PO9 – Individual and Team Work:** Function effectively as an individual and as a member or leader in diverse teams, fostering collaboration and entrepreneurial leadership.
4. **PO10 – Communication:** Communicate effectively on complex engineering activities with peers, professionals, and society through presentations, discussions, and startup pitches.
5. **PO11 – Project Management and Finance:** Demonstrate knowledge and understanding of engineering and management principles and apply them to one's work as an entrepreneur or project manager in multidisciplinary environments.
6. **PO12 – Life-long Learning:** Recognise the need for and engage in independent and lifelong learning in the context of technological change and entrepreneurship

SDG Goals Aligned with the Event

1. **SDG 4 – Quality Education:** The event promoted experiential learning by exposing students to real-world entrepreneurial practices and encouraging innovation-based education.
2. **SDG 8 – Decent Work and Economic Growth:** The session inspired students to pursue entrepreneurship, contributing to job creation, economic development, and sustainable business practices.
3. **SDG 9 – Industry, Innovation, and Infrastructure:** By showcasing startup initiatives like *EZZO Mart* and *Mono App*, the talk emphasised innovation, technology integration, and infrastructure-related entrepreneurship in the civil engineering sector.
4. **SDG 11 – Sustainable Cities and Communities:** Encouraged students to develop innovative and sustainable solutions for urban and construction challenges through entrepreneurial ventures.
5. **SDG 17 – Partnerships for the Goals:** Strengthened collaboration between academia, industry, and startups, fostering partnerships that support innovation and skill development.

Students' Feedback: The students expressed that the Entrepreneurship Talk was highly insightful and motivating, offering a clear understanding of how innovative ideas can be transformed into successful startup ventures. They appreciated Mr. Bhukya Govardhan Naik's practical insights on startup establishment, app development, and business management. Many students shared that learning about platforms like Mono App and EZZO Mart gave them new perspectives on the role of technology and entrepreneurship in civil engineering. The interactive session inspired them to think beyond traditional employment paths and explore opportunities for innovation, self-employment, and leadership. Overall, the participants

conveyed that the event enhanced their awareness of the startup ecosystem, government support mechanisms, and the skills required for entrepreneurial success.

Attendance:

The attendance sheet of the participants is enclosed/attached with this report for reference.

MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE			
II Year I Semester	B.Tech	Civil Engineering	
Entrepreneurship Talk			
S.no	Roll no	Name	Signature
1	23691A0115	Harthik Poola	
2	24691A0101	Medikurthi Abhinash	M. Abhi...
3	24691A0102	Mohammed Affzal Khan	
4	24691A0103	Ardumanappuranju	
5	24691A0104	Shaik Bairavali	
6	24691A0105	Pullaiahvoru Balaji	
7	24691A0106	Bhaskar Vadde	
8	24691A0107	Bandreddy Bhavitha	
9	24691A0108	Poorigolla Chandrasekhar	P. chandra sekhar
10	24691A0109	Poreddy Charan Kumar Reddy	P. CHARAN KUMAR REDDY.
11	24691A0110	Kolavapalli Charan	K. Charan
12	24691A0111	Dugga Hari Kumar	D. Hari
13	24691A0112	Kanavemadugu Hasini	K. Hasini
14	24691A0113	Shaik Imran	
15	24691A0114	Jaya Simha Reddy U	U. JAYASIMHA REDDY
16	24691A0116	Madiga Karthik Babu	
17	24691A0117	Karthik Chakali	C. Karthik
18	24691A0118	Dabbigalla Karthik	
19	24691A0119	Kinnri Kiran Kumar	
20	24691A0120	Peddamreddy Kiran Kumar Reddy	[illegible]
21	24691A0121	Veerpalli Lahara	
22	24691A0122	Mule Madhusudhan Reddy	[illegible]
23	24691A0123	Kanchkatla Madhu Latha	K. Madhulatha
24	24691A0124	Mahesh Narayanaswami	
25	24691A0125	Mallaih Bhakyar	B. Mallaiah
26	24691A0126	Allam Manoj	A. manoj
27	24691A0127	Devarala Mounesha	
28	24691A0128	Balaya Mounika	B. Mounika
29	24691A0129	Muzamil Khan Kolimi Mohammad	
30	24691A0130	Nallimaddigari Prakash Reddy	N. Prakash Reddy
31	24691A0131	Taligadla Pradeep Reddy	T. Pradeep Reddy
32	24691A0132	Kare Praveen Kumar	K. Praveen kumar
33	24691A0133	Anantha Puli Purushothom	A. Purushotham

33	23691A0141	Sivakumar Nallagatla	N. Siva Kumar
34	23691A0142	Mallireddy Sreedhar Reddy	Sreedhar Reddy
35	23691A0143	Bodiner Sukrani	B. Sukrani
36	23691A0144	Nandhaboina Sumanth	N. Sumanth
37	23691A0145	Kanamala Teja	K. Teja
38	23691A0146	P Tharun	P. Tharun
39	23691A0147	Vallepalli Tharun Sai	V. Tharun Sai
40	23691A0148	Patan Mohammed Thoufiq	P. Md Thoufiq
41	23691A0149	Madugani Varun Kumar	M. Varun Kumar
42	23691A0150	G. Vidyasagar	[illegible]
43	23695A0113	Pachava Mallikarjuna (Re-Joined Ay 2025-26)	P. Malli
44	24695A0101	Sayyad Afrin	S. Afrin
45	24695A0102	Ullangla Amruthavalli	U. Amruthavalli
46	24695A0103	Kayala Anusha	K. Anusha
47	24695A0104	Yenumari Chinna Nagaraju	Y. Chinna Nagaraju
48	24695A0105	Chakala Harsini	C. Harsini
49	24695A0106	Sikile Jhansi	S. Jhansi
50	24695A0107	Dudekula Lal Basha	D. L. Basha
51	24695A0108	Gujalapalli Lokesh	[illegible]
52	24695A0109	Gaddiki Mahesh Babu	[illegible]
53	24695A0110	Kotikoma Manasvitha	K. Manasvitha
54	24695A0111	Pallakerru Mouika	P. Mouika
55	24695A0112	Pennapati Murali	P. Murali
56	24695A0113	Rachamma Gouf Giri Nataraj	R. Nataraj
57	24695A0114	Dudani Navitha	[illegible]
58	24695A0115	Ellike Pavan Sai	
59	24695A0116	Kondrajugari Prasanth	K. Prasanth
60	24695A0117	Erla Raj Kumar	E. Raj Kumar
61	24695A0118	Reddyvari Sudarshan Yadav	R. Sudarshan yadav
62	24695A0119	Koyyala Susmitha	K. Susmitha
63	24695A0120	Appala Hari Krishna	A. Hari Krishna
64	24695A0121	Pappala Viswanath	P. Viswanath
65	24695A0122	Bole Kalanath	B. Kalanath

MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE			
III Year I Semester	B.Tech	Civil Engineering	
[illegible] 2025	Entrepreneurship Talk		
S.no	Roll no	Name	Signature
1	23691A0101	Ashraf Ali Syed	[illegible]
2	23691A0102	Chennu Lopamudra Anvaya	C. Pavani
3	23691A0104	Gandlari Bhargava	G. Bhargav
4	23691A0105	Gangireddy Gari Chandana	G. Chandana
5	23691A0107	Majeti Dheeraj Kumar	M. Dheeraj
6	23691A0109	Shaik Fatha Taj	Shaik Fatha Taj
7	23691A0110	Palagiri Farooq	P. Farooq
8	23691A0111	Shaik Fayaz	S. Fayaz
9	23691A0112	Uppara Ganesh Kumar	U. Ganesh kumar
10	23691A0113	Tamtanda Gnaneswar	T. Gnaneswar
11	23691A0114	Harshavardhan Reddy Pora	P. Harshavardhan Reddy
12	23691A0116	Thota Hemavardana	T. Hemavardana
13	23691A0118	Allakonda Kailash	A. Kailash
14	23691A0119	Kandula Kiran Kumar	K. Kiran
15	23691A0120	Kavya Jallepalli	J. Kavya
16	23691A0121	Bujaka Mana Manohar	[illegible]
17	23691A0122	Endupalli Meghana	E. Meghana
18	23691A0123	Nyni Tulsi	T. Nyni
19	23691A0124	Paul Daniel Pram	[illegible]
20	23691A0125	Chinthamreddy Prasanna Kumar	C. Prasanna Kumar
21	23691A0126	Palyam Prasanth	P. Prasanth
22	23691A0128	S Praveen Kumar Reddy	[illegible]
23	23691A0130	N Radhya	N. Radhya
24	23691A0131	Sandupalli Rajyalakshmi	[illegible]
25	23691A0132	Chaldan Vikram Vardhan Reddy	
26	23691A0133	Bommi Ravitheja	B. Raviteja
27	23691A0134	Thippaguntala Reddy Dhiraj	T. Reddy Dhiraj
28	23691A0135	Shaik Saleem	
29	23691A0136	Shyala Sai Harsiraju	S. Sai
30	23691A0137	Shaik Mohammed Saif	S. Mohammed Saif
31	23691A0139	Shaik Syed Sharafi	S. Syed Sharafi
32	23691A0140	Sandra Simhadri	Sandra Simhadri

34	24691A0136	Ramachandra Amarnath	R. Amarnath
35	24691A0137	Shaik Mohammed Rehan Shareef	
36	24691A0138	Sahir Shaik	
37	24691A0139	Saddam Hussain Shaik	
38	24691A0140	Shaik Sadiya Saba	S. Sadiya saba
39	24691A0141	Shaik Mohammed Sameulla	
40	24691A0142	Safiya Ansari	Safiya Ansari
41	24691A0143	Chitte Swathi	
42	24691A0144	Kotturu Sudheer	
43	24691A0145	Gowdacherava Tharun Kumar Reddy	G. Tharun kumar reddy
44	24691A0146	Tufig Shaik Real	
45	24691A0147	Dhanavatha Vamsi Lakshman	
46	24691A0148	Kemeti Veera Gopal Raju	K. Veeragopalraju
47	24691A0149	Veerpalli Vijayendravarma	V. Vijayendra varma
48	24691A0150	Bhuvanath	
49	24691A0152	Jangala Hyma Varshini	J. Hyma varshini
50	25695A0101	M Bharath Kumar	M. Bharath kumar
51	25695A0102	Bala Hemanth Kumar	B. Hemanth
52	25695A0103	Kadiri Lakshmi Narasimhulu	K. Lakshmi narasimhulu
53	25695A0104	Baddala Mounika	B. mounika
54	25695A0105	Dasaraiah Gari Nitisha	D. Nitisha
55	25695A0106	Banta Rakesh	B. Rakesh
56	25695A0107	Vandadi Shivani	V. Shivani
57	25695A0108	Bandi Likky Teja	
58	25695A0109	Golla Venkata Bhanu Prakash	
59	25695A0110	Bhukya Jagannath Naick	B. Jagannath Naick
60	25695A0111	Gada Keerthana	G. Keerthana
61	25695A0112	Mallany Greeshma	M. Greeshma.
62	25695A0113	U Yaswanth Kumar	U. Yaswanth kumar.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
Madanapalle-517325, Annamayya Dist., Andhra Pradesh, India.
MITS DEEMED TO BE UNIVERSITY
(Declared under section 3 of UGC Act, 1956 by Govt. of India - MoE)
www.mits.ac.in
Estd: 1998

DEPARTMENT OF CIVIL ENGINEERING

AY: 2025 – 2026

A Report

on

"Guest Lecture"

organized by

ASCE MITS Student Chapter & Builders Club

on

10.10.2025

Submitted by: **Dr. Priyam Nath Bhowmik,** Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Mr. Vinoth Kumar R, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Organized By: Department of Civil Engineering, **ASCE MITS Student Chapter** and **Builders Club**

Dignitaries Present:

Dr. Dipankar Roy, Dean School of Engineering, Madanapalle Institute of Technology & Science (deemed to be University).

Dr. Vijayakumar N, Assistant Professor & HOD, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Dr. Priyam Nath Bhowmik, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Mr. Vinoth Kumar R, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Attendees: 114 participants

Mode of Conduct: Online

Title: (Bio)Electrochemical Solutions for Environmental Sustainability: Water Remediation, Biohydrogen Production and Soil Enhancement

Date: 10th October 2025

Time: 11:00 am – 1:00 pm (Online)

Venue: Seminar Hall – B, Madanapalle Institute of Technology & Science (MITS), Andhra Pradesh

Resource Person:

Dr. Sovik Das

Assistant Professor
Department of Civil & Environmental Engineering
Indian Institute of Technology Delhi, New Delhi, India.

Objective of the Program

The primary objective of this expert lecture was to familiarise Civil Engineering students and faculty with the emerging developments in bio-electrochemical systems (BES) and their potential contributions to environmental sustainability. The session emphasised key applications such as:

1) **Water and wastewater treatment** using microbial electrochemical technologies,
2) **Biohydrogen production** as a clean and renewable energy alternative, and
3) **Soil improvement** through electro-bioremediation techniques.

This lecture served as a platform to bridge the gap between theoretical knowledge and practical advancements in environmental engineering, highlighting the integration of modern electrochemical technologies in achieving sustainable civil infrastructure solutions.

Programme Highlights

1) An **informative presentation** on the fundamental mechanisms of **bio-electrochemical systems (BES)**, including **microbial fuel cells (MFCs)** and **microbial electrolysis cells (MECs)**.
2) In-depth discussion on the **integration of biological and electrochemical processes** that enable **simultaneous pollutant degradation and energy recovery**.
3) Presentation of **case studies** demonstrating the application of BES technologies in **industrial and municipal wastewater treatment**.
4) Comprehensive explanation of **biohydrogen generation pathways** and their **integration within existing wastewater treatment infrastructures**.
5) An engaging **interactive session** highlighting **soil enhancement and heavy metal recovery** through **electrode-assisted microbial reactions**.
6) Insightful **examples from ongoing research at IIT Delhi**, emphasizing **scalability, cost-effectiveness, and sustainability considerations** in real-world applications.

Sustainable Development Goals (SDGs) Targeted

The guest lecture primarily aligned with the following United Nations Sustainable Development Goals (**SDGs**):

SDG 6: Clean Water and Sanitation – promoting innovative water treatment and reuse technologies.

SDG 7: Affordable and Clean Energy – highlighting biohydrogen as a green energy vector.

SDG 11: Sustainable Cities and Communities – integrating sustainable remediation practices into urban infrastructure.

SDG 13: Climate Action – reducing carbon footprint through waste-to-energy solutions.

Alignment with SDG Goals

The lecture showcased how bio electrochemical technologies directly contribute to achieving **SDG 6** and **SDG 7** by:

1) Treating wastewater while simultaneously generating clean energy (biohydrogen or electricity).
2) Enabling circular economy models within urban infrastructure.
3) Demonstrating carbon-neutral remediation pathways in line with India's climate commitments.
4) It also reinforced academic and research awareness towards climate-resilient and sustainable engineering practices.

Outcomes of the Programme

- ✓ Participants gained a comprehensive understanding of the interdisciplinary applications of environmental biotechnology and electrochemistry.
- ✓ Students could identify research opportunities in microbial electrochemical technologies and their role in sustainable civil engineering.
- ✓ Faculty members were motivated to explore collaborative projects and funded research related to bioenergy recovery and sustainable wastewater management.
- ✓ The session encouraged innovation and entrepreneurship in developing low-cost bio electrochemical solutions for rural and urban water systems.

Programme Outcomes (POs) Achieved

The event contributed to the attainment of the following Programme Outcomes (POs):

PO1: Engineering Knowledge – Application of scientific principles in environmental sustainability.

PO3: Design/Development of Solutions – Conceptualizing sustainable electrochemical remediation systems.

PO5: Modern Tool Usage – Awareness of advanced experimental and computational techniques for environmental modeling.

PO7: Environment and Sustainability – Understanding the societal, environmental, and economic context of civil infrastructure.

PO12: Lifelong Learning – Motivation to pursue research and innovation in emerging environmental technologies.

Knowledge Outcomes (KOs)

After attending this lecture, participants:

- ✓ Understood the fundamentals and working principles of (bio)electrochemical systems.
- ✓ Learned how microbial interactions can drive electrochemical reactions for pollutant degradation and hydrogen generation.
- ✓ Recognized the integration potential of such systems within existing wastewater treatment plants.
- ✓ Identified key parameters influencing system performance, efficiency, and scalability.
- ✓ Acquired research insights into soil bioremediation and resource recovery frameworks.

Conclusion

The guest lecture delivered by Dr. Sovik Das was an enlightening and impactful session that significantly broadened the participants' understanding of bio-electrochemical innovations in environmental engineering. The talk effectively illustrated how cutting-edge scientific research can be translated into practical and sustainable solutions for global challenges such as water purification, renewable energy generation, and soil remediation. By bridging advanced electrochemical principles with the vision of sustainable infrastructure development, the session

inspired both students and faculty to actively engage in research, innovation, and green technology applications. Overall, the event underscored MITS's commitment to environmental stewardship, interdisciplinary learning, and alignment with the United Nations Sustainable Development Goals (SDGs) through continuous academic and research excellence.

Attendance Report:

MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE			
IV Year I Semester	B.Tech	Civil Engineering	
Professional Talk on [illegible] Solutions for Environmental Sustainability			
S.no	Roll no	Name	Signature
1	21691A0108	Dorapgula Charan Teja	
2	22691A0101	[illegible] Ajay	
3	22691A0102	[illegible] Ajay Kumar	
4	22691A0103	[illegible]	
5	22691A0104	Shaik Mohamed Faraz	
6	22691A0105	Yanamala Aswini	Y. Aswini
7	22691A0106	Shaik Azmuddin	
8	22691A0107	Saranapalli Basheer Ahammad	
9	22691A0108	Gopisetty Bhavani	G. Bhavani
10	22691A0109	D Dilli Prasad	
11	22691A0110	Bodu Gnana Prasanna	B. Gnana prasanna
12	22691A0111	Aduadi Gowthami	A. Gowthami
13	22691A0112	Bheemanagari Haritha	B. Haritha
14	22691A0114	Sodum Jeevana	S. Jeevana
15	22691A0115	Chappalli Jaber	
16	22691A0116	Guttapalem Karthik	
17	22691A0117	Konam Lahari	
18	22691A0118	Murrepagari Likhitha	
19	22691A0119	Moreaguda Mahendra	
20	22691A0120	Syed Mohammed Adil	
21	22691A0121	Bathala Nagendra	
22	22691A0122	Chinthala Naga Sree	C. Naga Sree
23	22691A0123	Sayyad Nyamathulla	
24	22691A0124	Malacavapalli Obulreddy	[illegible]
25	22691A0125	Pittaga Pavithra	P. Pavithra
26	22691A0126	Vemula Pranay	
27	22691A0127	Kodada Raja Reddy	
28	22691A0128	Bhavanapalli Ranjith Kumar	
29	22691A0130	Gandi Sohan	
30	22691A0131	Mankenathula Tharun Ganesh	
31	22691A0134	N Vaishnavi	N. Vaishnavi
32	22691A0136	Valpas Venkateswarlu	
33	22691A0137	Mangalala Vinod Kumar	
34	22691A0139	Kanagani Yoganandha	
35	23695A0101	Chipurupati Akhila	C. Akhila
36	23695A0102	Gandipalli Amrutha	
37	23695A0104	Nidigieti Bhanu Prakash	
38	23695A0105	Kerrpakkagari Bhargavi	
39	23695A0106	Gondi Bharathi	G. Bharathi
40	23695A0107	Bandharathan Chandra Sekhar	
41	23695A0108	Sugali Deepika	S. Deepika
42	23695A0109	Gangadhar Mekala	
43	23695A0110	Chinthala Govardhan Reddy	
44	23695A0111	Pujari Hardeyandhan	
45	23695A0112	Malem Kumar Reddy	
46	23695A0114	Kummara Mohan Kumar	
47	23695A0115	Pula Nithin	
48	23695A0116	Suryakari Pavan Kumar	
49	23695A0117	Thiruvedhula Pranathi	T. Pranathi
50	23695A0118	Pasupuleti R Punith Kumar	
51	23695A0119	Alakanta Reddy Mounika	A. Reddy Mounika
52	23695A0120	Awari Roopa	
53	23695A0121	Baree Sairam Reddy	
54	23695A0122	Tharemala Ruwane Azmi	
55	23695A0123	Nakka Seethu Ramanjaneyulu	
56	23695A0124	Kadamala Siva Kumar Reddy	
57	23695A0125	Nagiri Sreekanth Naik	N. Sreekanth naik
58	23695A0126	Kalluari Udayasree	
59	23695A0127	Kanchurla Venkata Sunitha	K. Venkata Sunitha
60	23695A0128	Bukya Vinod Kumar Naik	
61	23695A0129	Doddivula Yaswanth Reddy	

MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE

III Year I Semester B.Tech Civil Engineering

Professional Talk on (Bio)Electrochemical Solutions for Environmental Sustainability

S.no	Roll no	Name	Signature
1	23691A0101	Ashraf Ali Syed	[illegible]
2	23691A0102	Cheruvu Lapenna Azmath	C. Azmath
3	23691A0104	Gundlure Bhargava	G. Bhargava
4	23691A0105	Gengireddy Gari Chandana	G. Chandana
5	23691A0107	Mogra Dheeraj Kumar	
6	23691A0109	Shaik Fathi Taj	
7	23691A0110	Pabigeri Farooq	P.Farooq
8	23691A0111	Shaik Fayaz	
9	23691A0112	Uppara Ganesh Kumar	U. Ganesh
10	23691A0113	Tummala Gnaneswara	T. Gnaneswar
11	23691A0114	Harshavardhan Reddy Pasa	P Harsha
12	23691A0116	Thota Hemavadana	T. Hemavadana
13	23691A0118	Alakonda Kailash	A. Kailash
14	23691A0119	Kamdala Kiran Kumar	K. Kiran
15	23691A0120	Kavya Jalipigari	J. Kavya
16	23691A0121	Rajaka Mani Narasimha	[illegible]
17	23691A0122	Gaukapalli Meghana	G. Meghana
18	23691A0123	Nyra Talliki	T. Nya
19	23691A0126	Paul Daniel Prem	P. Daniel Prem
20	23691A0127	Chudhamani Prasanna Kumar	C. Prasanna Kumar
21	23691A0128	Palyam Prasanth	P. Prasanth
22	23691A0129	S.Praveen Kumar Reddy	
23	23691A0130	N Radiya	[illegible]
24	23691A0131	Saindapalli Rajasekhar	[illegible]
25	23691A0132	Gaddam Vikram Vardhan Reddy	
26	23691A0133	Bonam Raviteja	B.Raviteja
27	23691A0134	Thippaguntala Rekha Divya	T.Rekha Divya
28	23691A0135	Shaik Sabiya	
29	23691A0136	Sibyala Sai Hariteja	S. Sai Hariteja
30	23691A0137	Shaik Mohammed Saif	S.M. Saif
31	23691A0139	Shaik Syed Shavalli	S.Syed Shavalli
32	23691A0140	Sandra Sindushi	[illegible]
33	23691A0141	Sivakumar Nellipudi	Siva Kumar
34	23691A0142	Vaddireddy [illegible] Reddy	Sai Harsha Reddy V
35	23691A0143	[illegible] Sudheer	D. Sudheer
36	23691A0144	[illegible] Sumanth	M. Sumanth
37	23691A0145	Kammala Teja	P.Teja
38	23691A0146	P Tharun	P Tharun
39	23691A0147	Yallapalli Tharun Sai	[illegible]
40	23691A0148	Patan Mohammed Thoufiq	P.M.Thoufiq
41	23691A0149	Marlapati Varun Kumar	M. Varun Kumar
42	23691A0150	G. Vidyasagar	G.Vidyasagar
43	23691A0173	Pathan Mallikarjuna(Rejoined for 2023-24)	P.Mallikarjuna
44	24695A0101	[illegible] Abhi	[illegible]
45	24695A0102	Chintala Ananthavalli	Ananthavalli
46	24695A0103	Kasala Anusha	K. Anusha
47	24695A0104	Yemmanuri Chinna Nagamma	Y. Chinna Nagamma
48	24695A0105	Chakala Harsha	
49	24695A0106	[illegible]	
50	24695A0107	Dudekula [illegible]	[illegible]
51	24695A0108	Gajulapalli Lokesh	G. Lokesh
52	24695A0109	Gaddhi Mahesh Babu	G.M.B
53	24695A0110	[illegible] Manasvitha	K. Manasvitha
54	24695A0111	[illegible] Monika	P Monika
55	24695A0112	[illegible] Murali	
56	24695A0113	[illegible]	[illegible]
57	24695A0114	[illegible] Navitha	[illegible]
58	24695A0115	[illegible] Pavan Sai	K Pavan
59	24695A0116	Kondragunta Praneeth	K. Praneeth
60	24695A0117	Cilla Raj Kumar	C Raj Kumar
61	24695A0118	[illegible] Yashodhar Yadav	Yashodhar Yadav
62	24695A0119	[illegible] Susmitha	K. Susmitha
63	24695A0120	Agula Hari Krishna	A Hari Krishna

MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE

II Year I Semester B.Tech Civil Engineering

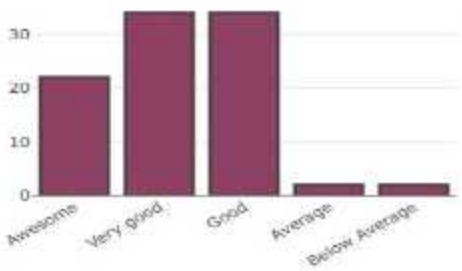
Professional Talk on (Bio)Electrochemical Solutions for Environmental Sustainability

S.no	Roll no	Name	Signature
1	23691A0115	Harthik Poola	
2	24691A0101	Madikonda Abhinash	M. Abhi
3	24691A0102	Mohammed Afzal Khan	MD A
4	24691A0103	Archanaajyoanmn	
5	24691A0104	Shaik Baburali	S. [illegible]
6	24691A0105	Pullaboina Balaji	
7	24691A0106	Bhaskar Vaddi	V Bhaskar
8	24691A0107	Bannireddy Bhavitha	Bavitha
9	24691A0108	Pamapalla Chandrasekhar	P. Chandra sekhar
10	24691A0109	Poreddy Charan Kumar Reddy	
11	24691A0110	Kalavagalli Cherish	K. Cherish
12	24691A0111	Dugga Hari Kumar	
13	24691A0113	Kanneradugu Hesin	
14	24691A0114	Shaik Imran	S. Imran
15	24691A0115	Jaya Simha Reddy II	
16	24691A0116	Madiga Karthik Babu	
17	24691A0117	Karthik Chakali	C. Karthik
18	24691A0118	Dabbigalla Karthik	
19	24691A0119	Karari Kiran Kumar	
20	24691A0120	Peddareeggade Kiran Kumar Reddy	
21	24691A0121	Vempalli Lahera	V. Lahera
22	24691A0122	Muse Madhusudhan Reddy	
23	24691A0123	Kanthamla Madhu Latha	K. Madhu Latha
24	24691A0124	Manosh Narayanaram	N. Mahesh
25	24691A0125	Mallesh Bhadyar	Malleshak
26	24691A0126	Allam Manoj	
27	24691A0127	Devarala Mounesha	D. Mounesha
28	24691A0128	Bukya Mounika	B. Mounika
29	24691A0129	Munvvir Khan Kolimi Mohammad	[illegible]
30	24691A0130	Nelapanaddigari Pramoth Reddy	
31	24691A0131	Tatiguntla Pratap Reddy	
32	24691A0132	Kare Praveen Kumar	
33	24691A0133	Annatha Hari Purushotham	
34	24691A0136	Ramachandra Amarnadh	R. Amarnadh
35	24691A0137	Shaik Mohammed Rehan Shareef	S. Rehan Shareef
36	24691A0138	Sabir Shaik	S. Sabir
37	24691A0139	Saddam Hussain Shaik	
38	24691A0140	Shaik Sadiya Saba	S. Sadiya Saba
39	24691A0141	Badvel Mohammad Samiulla	S. [illegible]
40	24691A0142	Sufiya Ansari	Sufiya Ansari
41	24691A0143	Chitte Swathi	[illegible]
42	24691A0144	Kothama Sutharan	K. Tharun
43	24691A0145	Gowdacheruvu Tharun Kumar Reddy	
44	24691A0146	Tofiq Shaik Rmd	S R M [illegible]
45	24691A0147	Dhoravathu Vamsi Lakshman	
46	24691A0148	Koneti Venu Gopal Raju	K. Gopal Raju
47	24691A0149	Vempalli Vijayendravarma	Vijayendra Varma
48	24691A0150	Byaswanth	Byaswanth
49	24691A0152	Jangala Hyma Varshini	J. Hyma Varshini

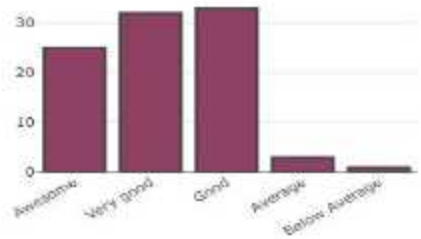
25695A0107 — V. Shivani
25695A0104 — B. Mounika
25695A0105 — D. Nasrika
25695A0112 — M. Geethma
25695A0111 — G. Keerthana
25695A0106 — B. Rakesh
25695A0115 — U. Yaswanth [illegible]
25695A0110 — B. Jagannath Naick
25695A0101 — M. Bharath Kumar
25695A0103 — A. Narasimhulu
25695A0102 — [illegible]
25695A0109 — G.V. Pavan Prakash

Feedback Report:

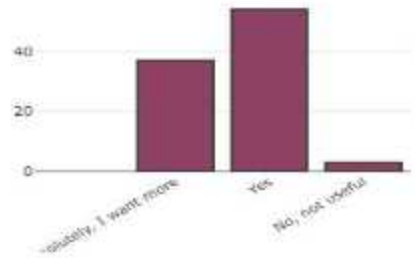
Overall learning



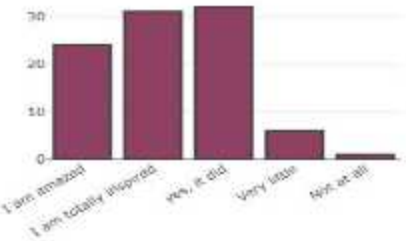
Overall organisation and coordination of event



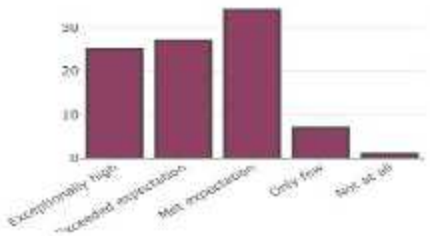
Do you want similar events in future



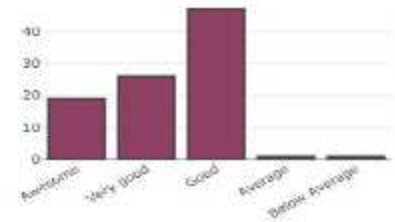
Does it inspire you to explore further opportunities



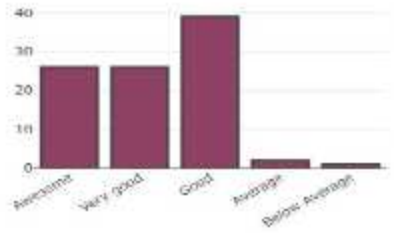
Did the event meet your expectation



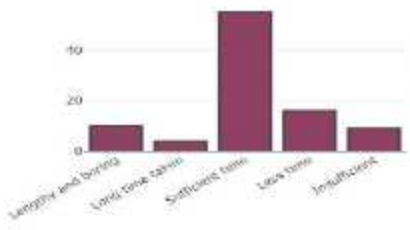
Quality of presentation and Contents



Quality of lecture delivery



Timely execution and delivery of event



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Madanapalle-517325, Annamayya Dist., Andhra Pradesh, India.

MITS DEEMED TO BE UNIVERSITY

(Declared under section 3 of UGC Act, 1956 by Govt. of India - MoE)

www.mits.ac.in

Estd: 1998

DEPARTMENT OF CIVIL ENGINEERING

AY: 2025 – 2026

A Report on

StudiSwap – Official Website Launch

By

Dr. Dipankar Roy

Dean – School of Engineering,

Organized by

ED Cell & Builders Club

In collaboration with

ASCE MITS Student Chapter & ED Cell

on

03/ 11 / 2025

StudiSwap Co-Founder & CEO: Pula Nithin

Report Submitted by: Mr. Imran Kuttagola, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Faculty Coordinators:

1. Mrs. Kandukuri Anitha, ED Cell Coordinator, Assistant Professor, Department of Civil Engineering
2. Dr. Imran Kuttagola, Builders Club Coordinator, Assistant Professor, Department of Civil Engineering
3. Dr. Nakkeeran Ganasen, IQAC Coordinator, Assistant Professor, Department of Civil Engineering.

Venue: Scale-Up Room

Time: 3:00 pm to 4:00 pm

Mode of Conduct: Offline.

Attendees Count: 40 students

Dignitaries Present:

1. Dr. R. Thulasiram Naidu, Advisor - R&D & Consultancy, Department of Humanities
2. Dr. Arul Kumar, Start-Up Cell Coordinator, Associate Professor, Department of

Electrical & Electronics Engineering

3. Dr. Anantha Raman L, IIIC Coordinator, Assistant Professor, Department of Mechanical Engineering
4. Dr. Dipankar Roy, Professor and Dean – School of Engineering
5. Dr. Vijayakumar. N, Head of the Department of Civil Engineering
6. Dr. Nakkeeran Ganasen, IQAC Coordinator, Assistant Professor, Department of Civil Engineering

Objective of the Program

- To officially launch the **StudiSwap website** and introduce its features and purpose to the students and faculty community.
- To encourage student-driven innovation and entrepreneurship through the active involvement of the ED Cell and Builders Club.
- To motivate students to take part in website development, management, and continuous improvement, fostering technical and leadership skills.

Event details:

ED Cell and **Builders Club**, in collaboration with the **ASCE MITS Student Chapter**, Department of Civil Engineering, organised the ***StudiSwap – Official Website Launch*** on **3rd November 2025** from **3:00 PM to 4:00 PM** at the Scale-Up Room, Madanapalle Institute of Technology & Science (MITS). The event was conducted with the aim of introducing the StudiSwap platform as a student-centric digital resource-sharing system to enhance collaborative learning and academic support. The session was addressed by **Dr. R. Thulasiram Naidu**, Advisor – R&D & Consultancy, Department of Humanities; **Dr. Dipankar Roy**, Professor and Dean – School of Engineering; **Dr. Arul Kumar**, Start-Up Cell Coordinator and Associate Professor, Department of Electrical & Electronics Engineering; **Dr. Anantha Raman L**, IIIC Coordinator and Assistant Professor, Department of Mechanical Engineering; and **Dr. Vijayakumar N**, Head of the Department of Civil Engineering. After the insightful deliberations and remarks by the dignitaries, the StudiSwap website was officially launched by **Dr. R. Thulasiram Naidu** along with **Dr. Dipankar Roy**, marking an important step towards promoting digital learning culture and student-driven academic resource sharing at MITS.

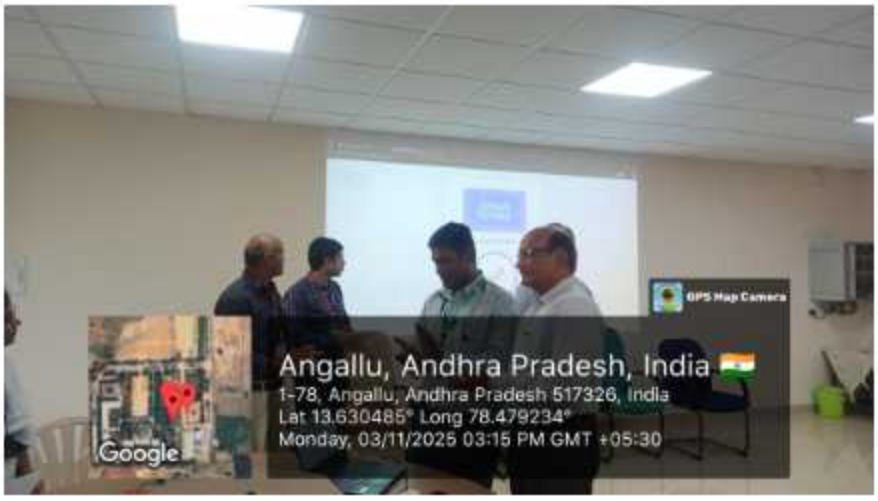

GPS Map Camera
Angallu, Andhra Pradesh, India
Jfjh+3wm, Angallu, Andhra Pradesh 517326, India
Lat 13.630336° Long 78.47928°
Monday, 03/11/2025 03:02 PM GMT +05:30
Google


GPS Map Camera
Angallu, Andhra Pradesh, India
Jfjh+3wm, Angallu, Andhra Pradesh 517326, India
Lat 13.630321° Long 78.479293°
Monday, 03/11/2025 03:07 PM GMT +05:30
Google


GPS Map Camera
Angallu, Andhra Pradesh, India
Jfjh+3wm, Angallu, Andhra Pradesh 517326, India
Lat 13.630378° Long 78.479377°
Monday, 03/11/2025 03:01 PM GMT +05:30
Google


GPS Map Camera
Angallu, Andhra Pradesh, India
Jfjh+3wm, Angallu, Andhra Pradesh 517326, India
Lat 13.630355° Long 78.479358°
Monday, 03/11/2025 02:58 PM GMT +05:30
Google


GPS Map Camera
Angallu, Andhra Pradesh, India
Jfjh+3wm, Angallu, Andhra Pradesh 517326, India
Lat 13.630384° Long 78.47929°
Monday, 03/11/2025 03:05 PM GMT +05:30
Google


GPS Map Camera
Angallu, Andhra Pradesh, India
1-78, Angallu, Andhra Pradesh 517326, India
Lat 13.630485° Long 78.479234°
Monday, 03/11/2025 03:15 PM GMT +05:30
Google

Outcomes of the Event

1. Increased awareness among students about the importance of resource sharing and collaborative learning.
2. Encouraged active student participation in developing and using digital learning platforms.
3. Improved accessibility to study materials and academic resources across departments.
4. Strengthened peer-to-peer academic support and reduced dependency on external sources.
5. Promoted a culture of digital learning and student-driven knowledge exchange.
6. Received positive feedback from faculty, recognising it as a progressive and student-centric initiative.

Program Outcomes (POs) Covered

1. **PO3: Design/Development of Solutions** – Students engaged in developing and improving a digital solution for academic resource sharing.
2. **PO5: Modern Tool Usage** – Encouraged the use of digital and web-based tools for learning and collaboration.
3. **PO9: Individual and Team Work** – Promoted teamwork among students through collective contribution and platform management.
4. **PO10: Communication Skills** – Improved communication and interaction through peer-to-peer academic exchange.
5. **PO11: Project Management and Finance** – Students gained exposure to planning, organizing, and launching a digital project.
6. **PO12: Life-Long Learning** – Motivated continuous self-learning by accessing and contributing study resources.

SDG Goals Aligned with the Event

1. **SDG 4: Quality Education** – Promotes inclusive and accessible learning by enabling students to share and access educational resources.
2. **SDG 9: Industry, Innovation, and Infrastructure** – Encourages innovation through the development and implementation of a digital learning platform.
3. **SDG 17: Partnerships for the Goals** – Strengthens collaboration among students, faculty, and institutional bodies to enhance academic development.

Conclusion:

The StudiSwap – Official Website Launch marked an important step in promoting a start-up environment at MITS. The event successfully highlighted the value of collaborative academic resource sharing and encouraged students to actively participate in the creation and utilisation of digital learning tools. With the support of faculty and student-driven initiatives, the platform is expected to foster improved accessibility, peer-to-peer support, and a culture of continuous learning. The launch signifies a move toward strengthening academic connectivity and promoting innovation within the campus community.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Madanapalle-517325, Annamayya Dist., Andhra Pradesh, India.

MITS DEEMED TO BE UNIVERSITY

(Declared under section 3 of UGC Act, 1956 by Govt. of India - MoE)

www.mits.ac.in

Estd: 1998

DEPARTMENT OF CIVIL ENGINEERING

AY: 2025 – 2026

A Report on

SURVEY CAMP

Organized by

Builders Club

Under the aegis of

ASCE MITS Student Chapter & SAC

on

15/ 11 / 2025

Report Submitted by: Dr. Imran Kuttagola, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Faculty Coordinators:

1. Mrs. Kandukuri Anitha, Assistant Professor, Department of Civil Engineering
2. Dr. Imran Kuttagola, Builders Club Coordinator, Assistant Professor, Department of Civil Engineering
3. Dr. Sudheer Kumar Y, Associate Professor, Department of Civil Engineering

Venue: Barlapally, Madanapalle

Time: 10:00 am to 1:00 pm

Mode of Conduct: Offline.

Attendees Count: 60 students

Objective of the Program

- To provide practical training to students in handling and operating the Total Station instrument in a real field environment.
- To enable students to perform field tasks such as data collection, topographic surveying,

and recording field observations accurately.

- To develop students' skills in teamwork and coordination during fieldwork activities.
- To enhance problem-solving abilities by exposing students to real-time challenges faced during Total Station surveying.
- To bridge the gap between theory and practice, improving their confidence and competency for future civil engineering projects.

Event details:

The Builders Club, under the aegis of the ASCE MITS Student Chapter, Department of Civil Engineering and SAC, organized a Survey Camp on 15th November 2025 from 10:00 AM to 1:00 PM at the field location near Barlapalle, Madanapalle. The event was conducted with the aim of providing practical exposure to Total Station surveying and enhancing students' understanding of field-based survey operations. During the camp, the working principles, setup procedures, and field applications of the Total Station were clearly explained and demonstrated by **Dr. Sudheer Kumar Y** and **Mrs. Kandukuri Anitha**, enabling students to gain hands-on experience and better insight into modern surveying techniques.

Outcomes of the Event

1. Students gained hands-on experience in operating the Total Station, including instrument setup, levelling, and field observations.
2. Students learned how to collect field data accurately, including recording coordinates and topographic details using the Total Station.
3. Students developed skills in teamwork and coordination, as the tasks required collaborative effort in field operations.
4. Real-time problem-solving skills were strengthened, as students encountered and addressed common field challenges during the survey.
5. Participants became familiar with data handling and interpretation, enabling them to relate practical survey data to classroom concepts.
6. Overall confidence and competence increased, preparing students for advanced surveying tasks and future professional fieldwork.

Program Outcomes (POs) Covered

PO1 – Engineering Knowledge

Students applied fundamental surveying and civil engineering concepts to operate the Total Station and understand field measurements.

PO2 – Problem Analysis

Participants identified real-time field issues such as instrument setup errors, alignment challenges, and environmental constraints, and solved them during the activity.

PO3 – Design/Development of Solutions

Students learned to plan survey stations, align sight lines, and generate accurate field data required for preparing site plans or contour maps.

PO5 – Modern Tool Usage

The camp enabled students to gain practical exposure to modern surveying equipment (Total Station), enhancing their technical competence.

PO9 – Individual and Team Work

Students worked in groups to complete surveying tasks, improving coordination, leadership, and collaborative fieldwork skills.

PO10 – Communication

Participants improved their communication abilities by discussing measurements, instructions, and field observations within their survey teams.

PO12 – Life-long Learning

Exposure to advanced surveying tools encouraged students to adapt to new technologies and motivated continuous learning in professional practice.

SDG Goals Aligned with the Event

SDG 4 – Quality Education

The survey camp provided experiential learning through hands-on training with the Total Station, enhancing technical skills and practical understanding for Civil Engineering students.

SDG 8 – Decent Work and Economic Growth

By equipping students with modern surveying skills, the event supported career readiness and improved employability in civil engineering and infrastructure sectors.

SDG 9 – Industry, Innovation, and Infrastructure

The use of advanced surveying equipment like the Total Station, aligns with promoting innovation and strengthening infrastructure-related education.

SDG 11 – Sustainable Cities and Communities

Surveying forms the basis for planning and designing sustainable urban and rural infrastructure. The camp introduced students to the foundational skills needed for creating resilient and well-planned communities.

SDG 17 – Partnerships for the Goals

Collaboration among faculty, student clubs (Builders Club, SAC, ASCE), and the department reflects effective partnerships that support educational advancement.

Conclusion:

The Survey Camp conducted on 15th November 2025 at Barlapalle, Madanapalle, proved to be a highly beneficial and engaging learning experience for the second-year Civil Engineering students. Through hands-on training with the Total Station, students were able to bridge the gap between theoretical knowledge and real-world surveying practices. The detailed demonstrations and guidance provided by **Dr. Sudheer Kumar Y** and **Mrs. Kandukuri Anitha** enhanced the students' understanding of modern surveying techniques, field data collection, and instrument handling. The event successfully strengthened students' technical skills, teamwork, communication, and problem-solving abilities, aligning with key Program Outcomes and Sustainable Development Goals. Overall, the camp enriched the students' practical exposure and prepared them for future academic and professional challenges in the field of Civil Engineering.

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Madanapalle-517325, Annamayya Dist., Andhra Pradesh, India.

MITS DEEMED TO BE UNIVERSITY

(Declared under section 3 of UGC Act, 1956 by Govt. of India - MoE)

www.mits.ac.in

Estd: 1998

DEPARTMENT OF CIVIL ENGINEERING

AY: 2025 – 2026

A Report on

Awareness Program

on

Career Opportunities for Civil Engineering Students through UPSC, SSC & GATE: Preparation Strategy

Organized by

Builders Club

Under the aegis of

ASCE MITS Student Chapter

on

17 / 11 / 2025

Report Submitted by: Dr. Imran Kuttagola, Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science.

Faculty Coordinators:

1. Mr. Sabarishkumar. P, Department GATE Coordinator, Assistant Professor, Department of Civil Engineering
2. Dr. Imran Kuttagola, Builders Club Coordinator, Assistant Professor, Department of Civil Engineering

Venue: Seminar Hall-A

Time: 11:00 am to 1:00 pm

Mode of Conduct: Offline.

Attendees Count: 81 students

Resource Person: Dr. T. Murali Krishna, PhD, Associate Director, Vetrii Engineering Academy, Chennai.

Objective of the Program

- To create awareness among civil engineering students about various career opportunities available through UPSC, SSC, GATE, and other competitive examinations.
- To guide students on the eligibility, exam patterns, and selection processes of major government and technical career pathways.
- To provide effective preparation strategies, study plans, and resource suggestions for excelling in these competitive exams.
- To motivate students to pursue higher studies, technical careers, and public sector roles aligned with civil engineering.
- To help students understand the importance of long-term career planning and skill development for achieving professional goals.

Importance of the Program

- **Helps students understand diverse career pathways:** The program highlights multiple opportunities available for civil engineering graduates through UPSC, SSC, GATE, and other competitive exams.
- **Bridges the gap between academics and career planning:** It provides students with clarity on how classroom learning connects to professional roles in government, public sector, and technical fields.
- **Provides expert insights for exam preparation:** Students gain valuable guidance on preparation strategies, recommended study materials, and time-management techniques essential for competitive exams.
- **Encourages higher studies and professional growth:** Information about GATE-based admissions and PSU recruitments motivates students to pursue higher education and technical excellence.
- **Boosts motivation and confidence:** By understanding career options, students become more confident in planning their future and setting achievable goals.
- **Supports holistic student development:** The program contributes to overall professional development by emphasising discipline, analytical thinking, and long-term career vision.

Event details:

Builders Club, under the aegis of the ASCE MITS Student Chapter, Department of Civil Engineering, organized an Awareness Program on **"Career Opportunities for Civil Engineering Students through UPSC, SSC & GATE: Preparation Strategy"** on **November 17, 2025**, from **11:00 AM to 1:00 PM** at the Madanapalle Institute of Technology & Science (MITS). The session aimed to help students understand various career pathways in the government and technical sectors and to provide preparation strategies for competitive examinations relevant to civil engineering graduates. The event began with ASCE Student Chapter Coordinator **Ms. N. Radiya** welcoming all dignitaries to the stage. **Mr. Sabarishkumar P., Department GATE Coordinator**, initiated the session by addressing the importance of GATE, UPSC Engineering Services, SSC JE, and other competitive examinations for civil engineering students. This was followed by a welcome address from **Dr. Vijayakumar N., Head of the Department of Civil Engineering**, who highlighted the significance of competitive exams in shaping technical careers and encouraged students to utilize such opportunities for professional growth. He welcomed the resource person, **Dr. T. Murali Krishna**, PhD, Associate Director, Vetrii Engineering Academy, Chennai, acknowledging his contributions to the engineering field.

Dr. Dipankar Roy, Dean – School of Engineering, then addressed the gathering, emphasising

the challenges and opportunities associated with career planning in the current engineering landscape. He encouraged students to develop strong analytical skills, discipline, and a focused approach towards competitive examinations. During the technical session, **Dr. T. Murali Krishna** shared insights on various career opportunities available at the state and central government levels. He elaborated on the exam patterns, preparation strategies, recommended study resources, and the importance of consistency and determination in clearing competitive exams. His talk provided practical guidance that helped students understand how to plan effectively for exams such as UPSC ESE, SSC JE, GATE, and other government recruitment tests.

The interactive session allowed students to clarify their doubts regarding exam preparation, job opportunities, and career progression. The event concluded with a vote of thanks by **Ms. V. Shivani**, Student Coordinator of the **Builders Club**, who expressed gratitude to the management, Dean, HoD, resource person, and student participants for making the program a success.

Outcomes of the Event

- Students gained a clear understanding of various government and technical career opportunities available through UPSC, SSC, GATE, and other competitive examinations.
- Participants learned about eligibility criteria, syllabus structure, exam formats, and recruitment procedures for major competitive exams relevant to civil engineers.
- Students were introduced to practical study techniques, resource planning, time management, and subject-wise preparation methods needed to excel in competitive exams.
- The session inspired students to set career goals, explore higher education through GATE, and consider roles in the public sector and technical organisations.
- Direct interaction with the resource person enabled students to clarify doubts, gain confidence, and understand real-world expectations of competitive exam preparation.

Program Outcomes (POs) Covered

- **PO1 – Engineering Knowledge:**

  Students understood the relevance of core civil engineering knowledge in qualifying competitive examinations such as UPSC, SSC, and GATE.

- **PO2 – Problem Analysis:**

  The session enhanced analytical thinking by explaining how to approach technical and reasoning-based questions in competitive exams.

- **PO5 – Modern Tool Usage:**

  Students were exposed to modern preparation tools, online platforms, and digital resources useful for exam preparation and career planning.

- **PO6 – The Engineer and Society:**

  The program highlighted the societal impact of civil engineers working in public sectors and government organisations, emphasising professional responsibility.

- **PO8 – Ethics:**

  Participants gained insights into ethical responsibilities and integrity expected in government services and technical professions.

- **PO9 – Individual and Team Work:**

  The session encouraged collaborative learning, peer discussion, and teamwork in preparing for long-term career goals.

- **PO10 – Communication:**

  Students learned the importance of effective communication skills for interviews, written exams, and professional roles in the engineering sector.

- **PO12 – Life-long Learning:**

  The program emphasised continuous learning, upskilling, and staying updated with examination trends and career opportunities.

SDG Goals Aligned with the Event

1. **SDG 4 – Quality Education:** The program promotes inclusive and quality education by providing students with guidance on career opportunities and competitive exam preparation, enhancing their academic and professional skills.
2. **SDG 8 – Decent Work and Economic Growth:** By informing students about state and central government job opportunities, PSUs, and higher education pathways through GATE, the event supports access to decent employment and long-term career growth.

3. **SDG 9 – Industry, Innovation, and Infrastructure:** The session indirectly supports innovation and infrastructure development by motivating future civil engineers to pursue responsible engineering roles contributing to national development.

Students' Feedback:

Students expressed that the awareness program was highly informative and beneficial for understanding various career opportunities available for civil engineering graduates. They appreciated the detailed explanation of UPSC, SSC, GATE, and other competitive exams, along with practical guidance on preparation strategies. Many students felt that the interaction with the resource person boosted their confidence and motivated them to plan their careers more effectively. Participants also highlighted that the session clarified their doubts regarding exam patterns, study materials, and job prospects in both state and central government sectors. Overall, students found the program engaging, insightful, and valuable for shaping their future professional goals.