



CIRCULAR

This is to inform that the students as a part of the co-curricular club activities of the Department of Civil Engineering, the IEI student chapter will be organizing a seminar talk on "Geosynthetics in Geotechnology" on 27.06.2025 from 1.30 pm in MS-8 class room, Core Engineering Block (previously Mechanical Engineering Block) on offline mode. Dr.B.Satyanarayana, Associate Professor, Department of Civil Engineering, Pragati Engineering College (A) will be the Resource Person for the seminar talk.

All the students and faculty members are requested to utilize this opportunity with your presence.

Coordinator, IE (I)

(Dr.B.Satyanarayana)

Head of the Dept. of Civil Engg.

(Dr.K.Saroja Rani)

Copy to:

1. Principal for information
2. Dept. Notice Board
3. Circulate among faculty
4. Class rooms of III & IV years
5. Department file
6. CE-IE(I) file



Dt.27.06.2025

A Report on “ Geosynthetics in Geotechnical Engineering”

As a part of the Co-Curricular students club activity of Department of Civil Engineering of Pragati Engineering College (A), the IE(I) student chapter organized a seminar talk session on “**Geosynthetics in Geotechnical Engineering**” on 27.06.2025 from 1.30 PM in MS-8, Core Engineering Block (previously Mechanical Engineering Block) for all the students of Civil Engineering and members of **Institution of Engineers (India)** and the faculty members are requested to attend.

Student members of **Institution of Engineers (India)** and interested students from other clubs are also participated.

Institution of Engineers (India) is a national organization for engineers in India. It has more than one million members in 15 engineering disciplines in 125 centers or chapters in India and overseas and is the world’s largest multi-disciplinary engineering professional society.

The following are discussed during the session,:

1. Introduction to construction of roads in India in earlier days
2. Introduction to Geotechnical engineering structures
3. Introduction to geosynthetics in general including its manufacturing
4. Various types of geosynthetics materials and their functions or applications in geotechnical engineering.

The program was attended by Faculty members and students. Participation of 35 students from III & IV year Civil Engineering Department made this session successful by their participation in discussion and clarifying their doubts. The Department of Civil Engineering of Pragati Engineering College is considered this session as so thoughtful and informative.

Coordinator, IE (I)
(Dr.B.Satyanarayana)

Head of the Dept. of Civil Engg.
(Dr.K.Saroja Rani)



Pragathi Engineering College

PRAGATHI ENGINEERING COLLEGE: SURAMPALEM

(Autonomous)

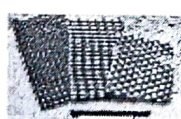
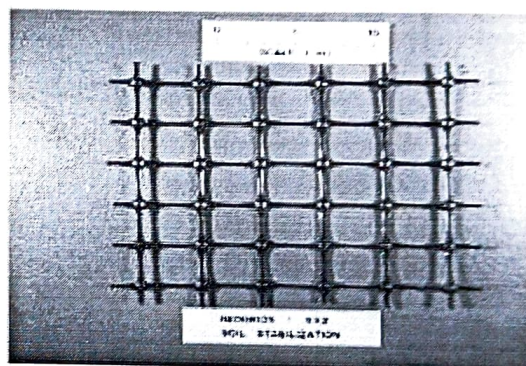
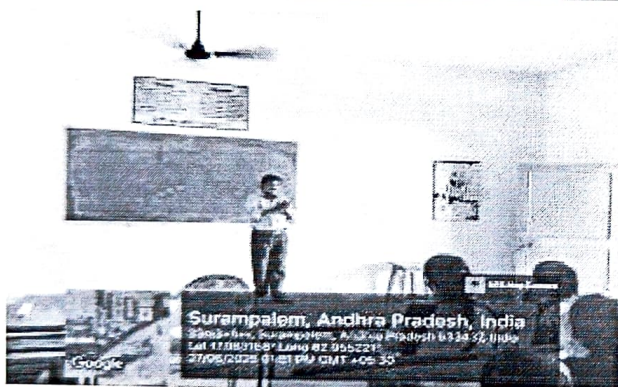
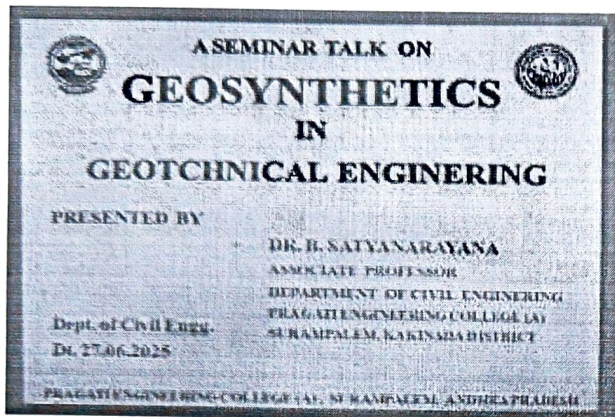
DEPARTMENT OF CIVIL ENGINEERING

Name of the Resource Person/Speaker: Dr. B. Satyanarayana

Contact No. 9347896702


Associate Professor, Department of Civil Engineering, Pragathi Engineering College (A).


Pictures of the event and glimpses of slides presented were mentioned in the report stated.

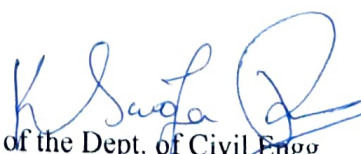


2. Geogrids

- Geogrids represent a rapidly growing segment within geosynthetics.
- Geogrids are polymers formed into a very open, grid like configuration, i.e., they have large apertures between individual ribs in the machine and cross machine directions.
- Geogrids are
 - (a) either stretched in one or two directions for improved physical properties,
 - (b) made on weaving or knitting machinery by standard textile manufacturing methods, or
 - (c) by bonding rods or straps together. There are many specific application areas; however, they function almost exclusively as reinforcement materials.


Coordinator, IE (I)
(Dr.B.Satyanarayana)


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Learning is Supreme Duty

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF CIVIL ENGINEERING

Institution of Engineers (India)

Theme of the Event: "Geosynthetics in Geotechnology"

Date: 27-06-25 Venue: MS-8 Time: 1:30 AM

Total List of Participants with Signatures

S.No	Name of the Student	Roll Number	Signature
1	D. Mahesh	23A35A0113	D. Mahesh
2	P. Sri Setya	23A31A0111	P. Setya
3	P. Chandrika	23A31A0114	P. Chandrika
4	P. Sarvani	23A31A0112	P. Sarvani
5	G. V. Setya Sri	23A31A0106	G. Setya
6	V. Sasi Ambushke	23A1A0120	V. Sasi Ambushke
7	M. Poornima	23A31A0123	M. Poornima
8	T. Varalakshmi	23A31A0118	T. Varalakshmi
9	S. Asmitha	23A31A0117	S. Asmitha
10	S. Mani	23A31A0115	S. Mani
11	B. Pojitha	23A31A0104	B. Pojitha
12	V. Mohana Latha	23A31A0119	V. Mohana Latha
13	K. Lahari V. K. Durga	23A35A0105	K. L. V. Durga
14	J. Liharika Ratnam	23A35A0106	J. Liharika
15	R. Vasavi	23A35A0108	R. Vasavi
16	M. Navyasri	23A31A0109	M. Navyasri
17	B. Devi Prasanna	23A31A0103	B. Devi Prasanna
18	B. Amrutha	23A31A0102	B. Amrutha
19	M. Latha Chandrika	23A31A0110	M. Latha Chandrika
20	T. Madhavi	23A31A0107	T. Madhavi
21	K. Kenuka	24A35A0103	K. Kenuka
22	D. Kavya	24A35A0102	D. Kavya
23	D. Ganga Bhavani	24A35A0101	D. Ganga Bhavani
24	P. Venkata Mahalakshmi	24A35A0105	P. Venkata Mahalakshmi
25	M. Vaishnavi Devi	24A35A0104	M. Vaishnavi Devi
26	K. Manj Kumar Reddy	23A31A0132	K. M. K. Reddy
27	P. Ulka Kiran	23A31A0150	P. Kiran
28	M. A. Chandu	23A31A0133	M. A. Chandu
29	D. Sai Dheeraj	23A31A0127	D. Sai Dheeraj

