

DEPARTMENT OF *CIVIL ENGINEERING*

BIANNUAL NEWSLETTER

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CIVIL SPRING BROADCAST



**PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)**

APPROVED BY AICTE, PERMANENTLY AFFILIATED TO JNTU KAKINADA & ACCREDITED BY NAAC WITH "A" GRADE
1-378, ADB ROAD, SURAMPALEM, NEAR KAKINADA, EAST GODAVARI DISTRICT, ANDHRA PRADESH
INDIA - 533437

ABOUT THE COLLEGE:

PRAGATI ENGINEERING COLLEGE (Autonomous) is established in the year 2001, by M/S Gayatri Educational Society in Surampalem, E. G. Dist, A.P. The Institution is accredited by NAAC with 'A' grade in the year 2015 and attained the Autonomous status in the year 2016. Pragati has been graded as gold in the AICTE Survey of Industries linked technical institutions-2016.

It is rated 'A' grade by knowledge mission, Government of India. Pragati has been designated as Center of Excellence [Knowledge Exchange Center] by M/S Infosys Ltd. College attained for AAA rating for the year 2020 by Careers 360 and has been ranked one among the top 10 colleges in A.P. by Silicon India. Three Departments of ME, CSE and ECE are recognized as Research Centres. The institution stood 21st Position and also considered as active local chapter by SWAYAM-NPTEL.

PRAGATI ENGINEERING COLLEGE focuses on imparting skills on cutting – edge technologies and shaping the students into disciplined young citizens of good character and lays emphasis on practical experience so as to enable them to secure employment in industry thereby to become entrepreneurs. The courses are so structured which leads to a linear growth and progressive insight into the engineering subjects as well as training in soft skills. Since inception in 2001, in its quest to offer quality education, our college has become a temple of knowledge and produced hundreds of eminent and skill full graduate engineers, who are successful in their careers, serving all over the world.

VISION OF THE INSTITUTE

To emerge as a Premier Institution for Technical Education in the Country through Academic Excellence and to be recognized as a Centre for Excellence in Research & Development, catering to the needs of our Country.

MISSION OF THE INSTITUTE

To realize a strong Institution by consistently maintaining State-of-art infrastructure and building a cohesive, World Class Team and provide need based Technical Education, Research and Development through enhanced Industry Interaction.

ABOUT THE DEPARTMENT:

The Pragati Engineering College started an undergraduate (B.Tech) Program in Civil Engineering in the year 2012, in order to meet the educational needs of the construction industry. The department of civil engineering caters to the regional and global human resource requirements. The institution is located in the widespread area and therefore the students and teachers of the department get benefited through theoretical and field interaction.

The department is committed to strengthen the academic, research and functional abilities of the students, in order to enable them to stand as competent and versatile professionals after graduation. The department strives to enhance research activity in the department, thereby creating competent intellectual resources to the students. Civil Engineering is one of the oldest and ancient branch of engineering which houses a lot of practical knowledge which enhances the day to day life of mankind.

The department building houses well-equipped laboratories. The department conducts various events for revealing scientific, engineering, and technological advances to students. The students participate in events and national level contests, conducted by various institutes.

VISION OF THE DEPARTMENT

Impart ethical technical knowledge of global standards in the field of Civil Engineering in order to meet new challenges in Professional and Research Environment.

MISSION OF THE DEPARTMENT

- ✚ To train professionals in the field of Civil Engineering, who can contribute to the Industry, Research & Development and also shoulder the social responsibility.
- ✚ To provide state of art resources that contribute to congenial learning environment.
- ✚ To encourage faculty and students to pursue higher education and various career enhancing courses.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

PEO1: Graduates will excel as successful Civil Engineers, Academicians and Researchers.

PEO2: Graduates of the programme will continue to engage in lifelong learning, possess good communication skills, managerial skills, team work and social responsibility while exhibiting ethical attitude.

PEO3: Graduates of the programme will explore and apply the modern Engineering tools for Planning and Designing of various Civil Engineering projects that are technically and economically viable.

PROGRAM OUTCOMES (POs)

Engineering Graduates will be able to:

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- 4. Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- 5. Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- 6. The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- 7. Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 8. Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- 9. Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 10. Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- 11. Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- 12. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Students will be able to Plan, Survey, Estimate and Execute various Civil Engineering Projects.

PSO2: Students will be able to Design Sub-Structure, Super-Structure and Pavements.

PSO3: Students will be able to apply the techniques for design of various Water front structures and solving the various Environmental issues.

LIST OF FACULTY MEMBERS

<i>S.NO</i>	<i>Name Of The Faculty</i>	<i>Qualification</i>	<i>Designation</i>
1	Dr. R.V.S. Ramakrishna	Phd	HOD
2	Mr. P. Venkata muthyalu	M.Tech	Asst. Professor
3	Mr. B. Subhan ramji	M.Tech	Asst. Professor
4	Mr. V. Raju	M.Tech	Asst. Professor
5	Mr. R. Raja sekhar	M.Tech	Asst. Professor
6	Ms. P.S.K. Supriha	M.Tech	Asst. Professor
7	Ms. P.V.S. Mangeswari Devi	M.Tech	Asst. Professor
8	Mr. D. Varun Eswar	M.Tech	Asst. Professor
9	Mr. B. Rama narayana murthy	M.Tech	Asst. Professor
10	Mrs. M. Srilakshmi	M.Tech	Asst. Professor
11	Mr. D. Venkatesh	M.Tech	Asst. Professor
12	Mrs. Konda Sudeepa	M.Tech	Asst. Professor
13	Mr. S. Saranraj	M.Tech	Asst. Professor
14	Mr. R. Govind	M.Tech	Asst. Professor
15	Mr. S. Durga sankhar	M.Tech	Asst. Professor
16	Ms. Anupoju Lakshmi Prasanna	M.Tech	Asst. Professor
17	Mr. K. Lalitha	M.Tech	Asst. Professor
18	Mr. D. Gowri Sankhar	M.Tech	Asst. Professor
19	Mr. V. Sai Devi	M.Tech	Asst. Professor
20	Ms. B.K. Sulthaan Bee Bee	M.Tech	Asst. Professor
21	Mr. K. Appala Naidu	M.Tech	Asst. Professor
22	Mr. K. Rajesh	M.Tech	Asst. Professor
23	Mr. Y. Rambabu	M.Tech	Asst. Professor
24	Mr. G. Venkatesh	M.Tech	Asst. Professor

FACULTY DEVELOPMENT PROGRAM

<i>S.No</i>	<i>Name of the Faculty</i>	<i>Wokshop/FDP Name</i>	<i>Organized by</i>	<i>Duration</i>
1	Mr. P. Venkata Muthyalu	GEOSYNTHETICS IN INFRASTRUCTURE DEVELOPMENT	National institute of technology, Warangal	28-01-2019 to 01-02-2019
2	Mrs. M. Sri Lakshmi	WATER TREATMENT OF BOILERS	Department of Civil Engineering, Pragati Engineering College (A)	05/02/2019 to 28/02/2019

Faculty Publications:

<i>S.No</i>	<i>Name of the Faculty</i>	<i>Title of the Project</i>	<i>Name of the Journal</i>	<i>Indexing</i>
1	B Subhan Ramji	AN EXPERIMENTAL STUDY ON GFRC BY PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH PUMICE STONE AND CEMENT WITH FLY ASH	International Journal of Latest Trends in Engineering and Technology	UGC Care
2	M. Sri Lakshmi	AN EXPERIMENTAL STUDY ON GFRC BY PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH PUMICE STONE AND CEMENT WITH FLY ASH	International Journal of Latest Trends in Engineering and Technology	UGC Care
3	B.R. Narasimha Murthy	AN EXPERIMENTAL INVESTIGATION ON THE UTILIZATION OF WASTE MATERIALS TEND WITH MARINE CLAY	International Journal of Latest Trends in Engineering and Technology	UGC Care
4	P. Venkata Muthyalu	AN EXPERIMENTAL INVESTIGATION ON THE UTILIZATION OF WASTE MATERIALS TEND WITH MARINE CLAY	International Journal of Latest Trends in Engineering and Technology	UGC Care
5	M. Sri Lakshmi	EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF CEMENT AND COARSE AGGREGATE WITH FLY ASH AND COCONUT SHELLS RESPECTIVELY	International Journal of Latest Trends in Engineering and Technology	UGC Care

STUDENT ACTIVITIES:**Value Added course certification:**

S.No	Roll No	Name of The Student	Name of the Course	Awarding Agency	Month and year
1	17A31A0113	Pattapu Lahari Sridevi	Water Treatment of boilers Count: 31 members	Department of Civil Engineering Pragati Engineering College (A)	05/02/2019 to 28/02/2019
2	17A31A0122	Bandi Venkata Phani			
3	17A31A0128	Ganji Subhash			
4	17A31A0137	Kothapalli Siva			
5	17A31A0138	Kurma Srikar			
6	18A35A0103	Bethina Sateesh			
7	18A35A0112	Kattamuru Chandu			
8	17A31A0177	Visanala Srilekha			
9	17A31A0178	Buddiga Mahesh Babu			
10	17A31A0185	Doolla Pruthviraj			
11	17A31A0189	Jyothula Rajkumar			
12	17A31A01A3	Panthagada Dileep			
13	17A31A01A5	Penke Venkata Satya Sai Ram			
14	17A31A01A8	Saga Shyam Sai			
15	18A35A0127	Vallu Sivanadh			
16	16A31A0102	Ethakota Haripriya			
17	16A31A0110	Vathada Sriveni			
18	16A31A0114	Badam Manikanta			
19	16A31A0118	Dooda Surya Vamsi			
20	16A31A0122	Gogula Viswanadh			
21	16A31A0134	Marapatla Avinash			
22	16A31A0144	Palaki Kiran Kumar			
23	17A35A0106	Kodi Avinash			
24	17A35A0113	Rejeti Paidraju			
25	16A31A0172	Bonda Ravi Teja			
26	17A35A0120	Basa Gopichand			
27	17A35A0124	Kukkala Raju			
28	15A35A0109	Kosuri Rajesh			
29	16A35A0102	Rayudu Bhavya			

30	15A31A01A9	Shaik Aquib Babul			
31	16A35A0118	Besetti satya Sai			

No. of students attended seminars/Guest Lectures:

<i>S.No</i>	<i>Roll No</i>	<i>Name of The Student</i>	<i>Name of the Course</i>	<i>Awarding Agency</i>	<i>Month and year</i>
1	16A31A0101	BOGAVALLI SUJITHA	AWARENESS ON GEO SYNTHETICS AND MODULAR BUILDINGS	Department of Civil Engineering Pragati Engineering College (A)	30-01- 2019
2	16A31A0102	ETHAKOTA HARI PRIYA			
3	16A31A0104	KODURI SUBHASRI			
4	16A31A0105	NIDASANAMETLA SUNDARA RAVI PRIYA			
5	16A31A0106	SUNKARA SATYA SRIDEVI			
6	16A31A0107	ULAGATI JABILI JOSH			
7	16A31A0109	VATHADA SRIVENI			
8	16A31A0110	VIPPARTHI NAVYA			
9	16A31A0111	ACHANTA SIVARAMAKRISHNA			
10	16A31A0112	AKASAPU PRABHALINGAM			
11	16A31A0113	BURUGUPUDI SURESH			
12	16A31A0114	BADAM MANIKANTA			
13	16A31A0115	BALLA HEMA SAI MADHU BHASKAR			
14	16A31A0116	CHINTA BALA GOWTHAM			
15	16A31A0117	CHOKKA VENKATESH			
16	16A31A0118	DODDA SURYA VAMSI			
17	16A31A0119	DONE ABHILAS			
18	16A31A0120	GANDROTHU SRI RAMAKRISHNA VENKATA NAGESWAR			
19	16A31A0121	GODE RAVI SAI KUMAR			
20	16A31A0122	GOGULA VISWANADH			
21	16A31A0123	KOLLU MANOJ SESA SAI KUMAR			
22	16A31A0124	KADIYALA IJAK			
23	16A31A0125	KAKI VISWESWARA RAO			

24	16A31A0126	KANCHERLA RAM SAI PAVAN KUMAR			
25	16A31A0127	KANDULA V V V RAGHU RAM			
26	16A31A0128	KARNEEDI GANESH			
27	16A31A0129	KATTA SAMEER CHANDRAN			
28	16A31A0130	KAVALA MURALI SATYA DURGA SUBASH			
29	16A31A0131	KOLLUBOYINA RAGHUVeer			
30	16A31A0132	KONA VEERA SAI SURYA SASIDHAR			
31	16A31A0133	MALLIPUDI SUNAND SWAROOP			
32	16A31A0134	MARAPATLA AVINASH			
33	16A31A0135	MOHAMMED YASEEN			
34	16A31A0136	MUAAHID SABEEL			
35	16A31A0137	MUCHIPALLI RAMTEJA			
36	16A31A0138	NAMANA VENKATA SRI SATYA DHANA RAJ			
37	16A31A0139	NATI SATYA SAI CHITTI MANOHAR			
38	16A31A0140	POTULA SURYA SUNDAR KUMAR			
39	16A31A0141	PADILAM RAMA KRISHNA THARUN			
40	16A31A0142	PALAKURTHI SRI RAM SAI KRISHNA			
41	16A31A0143	PALEPU RAKESH RAJU			
42	16A31A0144	PALIKI KIRAN KUMAR			
43	16A31A0145	PAMPANA VINAY VARDHAN			
44	16A31A0146	PEDIREDDY SRINIVAS NARENDRA			
45	16A31A0147	PENTAKOTA SAI BABU			
46	16A31A0148	SABBELLA V V S A SIVA REDDY			
47	16A31A0150	SEELAM MONI ARAVIND			

48	16A31A0151	SODASANI MANIKANTA			
49	16A31A0152	SURAVARAPU HARSHAVARDHAN			
50	16A31A0153	THOTA SAI KRISHNA			
51	16A31A0154	VADDIPARTHI RAMA LINGESWAR			
52	16A31A0155	VELNATI VENKANNA DORA			
53	16A31A0156	VELUGUBANTLA SATYA VEERA VENKATA SAIRAJA			
54	16A31A0157	YALAKALA DEEPAK KUMAR			
55	16A31A0158	YEDIDHA SIVA SATYANARAYANA			
56	17A35A0101	BOOLA KEERTHI			
57	17A35A0102	KOPANATI YAMUNA BHAGAVATHI LAKSHMIPRASANNA			
58	17A35A0103	RAMINEEDI S M HARSHIKA			
59	17A35A0104	BODDETI VEERA NAGENDRA			
60	17A35A0105	KANTE SAI			
61	17A35A0106	KODI AVINASH			
62	17A35A0107	KONA CHAKRA GOPALA KRISHNA			
63	17A35A0108	KANNEDI PRAVEEN KUMAR			
64	17A35A0109	MOLLI VEERA VENKATA SAIPADA VALLABHA			
65	17A35A0110	PETLA RAKESH VAMSI SAGAR			
66	17A35A0111	PONNADA SATYA AJAY CHAITANYA			
67	17A35A0112	RAPAKA KUMAR CHANDAN			
68	17A35A0113	REJETI PAIDIRAJU			

No. of students in Internship:

S.No	Roll No	Name of the Student	Title of the Internship	Company	Date and Venue
1	16A31A0137	Munchipalli Ram Teaj	Practical knowledge on Basic building construction through site visits	Sarja Technologies Pvt Ltd	March 15th 2019 to June 10th 2019, Hyd
2	16A31A0145	Pampana Vinay Vardhan			
3	16A31A0157	Yalakala Deepak			

No. of students cleared competitive examinations:

S.No	Roll No	Name of The Student	Name of the competitive examinations	Rank
1	15A31A0191	KUSAMPUDI VEKATA SRIRAM VARMA	IELET	-
2	16A35A0117	THUMMALAPALLI SUREKHA DEVI	GATE	11822
3	15A31A0192	MADIMETLA V V S CHANDRA NAIDU	CMAT	12772
4	15A31A0173	AHI K PRATYUSHA TATAVARATHI	AP PGECET	2967
5	15A31A0193	MAHOPATRA PRABODH KUMAR	AP PGECET	780
6	15A31A0163	Ch. Harika	AP PGECET	920

EDITORIAL BOARD

FACULTY MEMBERS

1. Mrs. M. Sri Lakshmi – Convenor
2. Mr. B. Subhan Ramji – Member
3. Mr. R. Rajshekar – Member

STUDENT MEMBERS

1. 15A31A0113-Uppu Priya Anmisha – IV Year
2. 16A31A0114 – Badam Manikanta – III Year
3. 16A31A0144 – Paliki Kiran Kumar – III Year

HOD- CIVIL

Dr. R.V.S Rama Krishna
Assistant Professor