

# DEPARTMENT OF *CIVIL ENGINEERING*

**BIANNUAL NEWSLETTER**

**JANUARY - JUNE -2021**



**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***

<b><i>S.NO</i></b>	<b><i>Name Of The Faculty</i></b>	<b><i>Qualification</i></b>	<b><i>Designation</i></b>
1	M SANDEEP	M.Tech (PhD)	HOD & Assistant Professor
2	V MANIDEEP	M.Tech	Assistant Professor
3	M SRI LAKSHMI	M.Tech (PhD)	Assistant Professor
4	A RAVITEJA	M.Tech	Assistant Professor
5	A ROGER ANTONY	M.Tech	Assistant Professor
6	CH VINAY CHANDRA SHEKAR	M.Tech	Assistant Professor
7	V TANUJA	M.Tech	Assistant Professor
8	K SUDEEPA	M.Tech	Assistant Professor
9	ARVIND MURGESEAN	M.Tech	Assistant Professor
10	A LAKSHMI PRASANNA	M.Tech	Assistant Professor
11	V SRIKANTH	M.Tech	Assistant Professor
12	SHAIK FAYAZ PASHA	M.Tech	Assistant Professor
13	V SAI GIRIDHAR REDDY	M.Tech	Assistant Professor
14	Y DINESH	M.Tech	Assistant Professor
15	M MEGHANADH	M.Tech	Assistant Professor
16	N RAGHAVENDRA	M.Tech	Assistant Professor
17	D RAM RAHUL	M.Tech	Assistant Professor
18	A PRATHYUSH	M.Tech	Assistant Professor
19	Y RAMBABU	M.Tech	Assistant Professor (visiting faculty)
20	K RAJESH	M.Tech	Assistant Professor (visiting faculty)

### ***FACUTLY DEVELOPMENT PROGRAM***

<b><i>S.No</i></b>	<b><i>Name of the Faculty</i></b>	<b><i>Wokshop/FDP Name</i></b>	<b><i>Organized by</i></b>	<b><i>Duration</i></b>
1	Mr. R. Raja Sekhar	“Emerging Technologies in Civil Engineering for	Pragati Engineering	15/03/2021

		Construction and Demolition Waste”	College (Hall-1)	to 20/03/2021
2	Mr. M. Aravind	“Emerging Technologies in Civil Engineering for Construction and Demolition Waste”	Pragati Engineering College (Hall-1)	15/03/2021 to 20/03/2021
3	Mr. V.S. Giridhar Reddy	“Emerging Technologies in Civil Engineering for Construction and Demolition Waste”	Pragati Engineering College (Hall-1)	15/03/2021 to 20/03/2021
4	Mr. M. Meghanadh	“Emerging Technologies in Civil Engineering for Construction and Demolition Waste”	Pragati Engineering College (Hall-1)	15/03/2021 to 20/03/2021
5	Mr. Shaik Fayaz Pasha	“Emerging Technologies in Civil Engineering for Construction and Demolition Waste”	Pragati Engineering College (Hall-1)	15/03/2021 to 20/03/2021
6	Mr. Ch. Vinay Chandra Shekar.	“Emerging Technologies in Civil Engineering for Construction and Demolition Waste”	Pragati Engineering College (Hall-1)	15/03/2021 to 20/03/2021

#### **STUDENTS CERTIFICATION PROGRAMS:**

<i>S.No</i>	<i>Name of the Faculty</i>	<i>Course Title</i>	<i>Students attended</i>
1	Mr. V. Manideep	BASICS OF ARCGIS FOR HYDROLOGY (3 Weeks, 2 days)	35

#### **STUDENT ACTIVITIES:**

##### **Students list of certification courses:**

<b>Roll Number</b>	<b>Name of the Student</b>	<b>Name of the Course</b>	<b>Awarding Agency</b>	<b>Month and year</b>
18A31A0114	TELAGAMSETTI CHANDRIKA			
18A31A0119	ALLU SAI NAVEEN			
18A31A0126	DODDI SURENDRA RAJ			
18A31A0137	KUTAN KUMAR RAJA			
19A35A0106	CHALAMCHARLA AAKASH			
19A35A0111	NACHIREDDY SAI SANDEEP			
19A35A0113	THOTA MOHAN			
19A35A0128	PILLA VICTOR SPENNER			

18A31A0154	BONDA SRI SAI DIVYA	BASICS OF ARCGIS FOR HYDROLOGY Count-35 Students	Pragati Engineering College (A)	08/01/2 021 to 21/01/2 021
18A31A0162	KARUMURI DURGA BHARGAVI			
18A31A0169	V LAKSHMI DURGA			
18A31A0176	B DILIP SAI BHAGAVAN			
18A31A0184	MALLI MANIDEEP			
18A31A0194	PENKEY SRI AASHISH			
18A31A01A1	SYED GHOUSE			
19A35A0117	BODDU TEJESH			
19A35A0124	VOOLURU MEGHASHYAM			
18A31A01A0	SUTHAPALLI SIVAMANIKANTA			
19A31A0104	DUGGADA YEMEEMA SWETHA			
19A31A0110	MUSINADA AMRUTHA			
20A35A0109	PALIVELA VEERENDRA			
20A35A0112	SHEIK CHAN BASHA			
20A35A0116	NARALA SAI RAKESH			
21A31A0107	GUDIMETLA DAYANIDHI			
21A31A0101	A. TEJASWINI NAGA SRI SAI			
21A31A0112	PRATHYUSHA PITHANI			
21A31A0121	CHITTURI S V V RAM KISHORE			
21A31A0124	GUBBALA JOHN MUKESH			
21A31A0128	KUDIPUDI SESA SAI KARTHIK			
21A31A0135	MANOHAR REDDY SATHI			
21A31A0141	S. S. SREENIVASA NARENDRA			
21A31A0143	V. N. VENKATA KOTI DINESH			
21A31A0145	YELETI JAYAKANTH			
21A31A0147	MORTHA ASISH KUMAR			
21A31A0125	JALASUTRA CHANDU			

**Number of students placed:**

<b>Roll No</b>	<b>Name of The Student</b>	<b>Name of The Company</b>	<b>Package LPA</b>
17A31A01A1	NANDIKOLLA SURYA TEJA	Accenture	4.5
17A31A01A6	PRABHALA SUBRAHMANYA AKHIL	Accenture	4.5
17A31A0101	CHANDRAGIRI MONISHA	TCS, Accenture	3.5
17A31A0105	KANDARPA RAMAA SAHITYA	Accenture	4.5
17A31A0111	MATTA DEVI SOWJANYA	Accenture	4.5
17A31A0127	DONDAMUDI DURGA NARENDRA	Accenture	4.5
17A31A0161	GADIKOYYALA VENKATA SURYA SRAVANI	Savantis, Accenture	4.5
17A31A0167	NAMANA SAI NAGA SINDHUSHA	Accenture	4.5
17A31A0170	RAYAVARAPU SUBHADRA MANASI	Savantis	3.2
17A31A0189	JYOTHULA RAJKUMAR	Accenture	3.2
17A31A0192	KATTAMURI AVINASH	Accenture	3.2
17A31A0194	MUNDRU SATYA HARI PRASAD	Infosys	3.2
17A31A0199	NALAM VENKATA RAMANA	Accenture	3.2
18A35A0109	JAGU SAI TEJA	Sachivalayam	3.2
18A35A0111	KANCHEM PREM SAGAR	Sachivalayam	3.2
18A35A0113	NADIPALLI VEERA VENKATA SATYA RAMKUMAR	TCS	3.5
18A35A0115	GANDHAM SWATHI	TCS	3.5
18A35A0119	GOLLAVILLI VEERA BRAHMAM	TCS	3.5



18A35A0120	KONDAPALLI SREE RAVI KIRAN	Sachivalayam	3.2
------------	----------------------------	--------------	-----

**Number of Students Association activities conducted:**

<b>Name of The Event</b>	<b>Date(s)</b>	<b>Venue</b>	<b>No. of students Attended</b>
World Environmental Day Celebrations	05-06-2021	Pragtati Engineering College	05

**Students in competitive examinations:**

<b>Roll No</b>	<b>Name of The Student</b>	<b>Name of The Competitive examination</b>	<b>Rank</b>
15A31A01A0	M. M B DURGA RAM	AP PGCET	280
17A31A0139	MADIMETLA PAVAN CHANDRA	GRE	-

**No. of Students opted for higher education:**

<b>Roll No</b>	<b>Name of The Student</b>	<b>Name of the college</b>
17A31A0139	MADIMETLA PAVAN CHANDRA	University of CINCINNATI

***EDITORIAL BOARD***

**FACULTY MEMBERS**

1. V. Tanuja – Convenor
2. K. Sudeepa – Member
3. Ch Vinay Chandra Shekar– Member

**STUDENT MEMBERS**

1. 17A31A0111- M.Devi Sowjanya – IV Year
2. 18A31A0115 - Y.Satya Sai Sri – III Year
3. 18A31A0195 - P Dileep Satya Kumar – III Year

**HOD- CIVIL**  
**M.SANDEEP**  
Assistant Professor