PRAGATI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

Approved By AICTE., Affiliated to JNTUK, Accredited By NBA, NAAC
1-378, ADB Road, Surampalem, East Godavari District, Andhra Pradesh, India-533437

KINETIC CHRONICLES-2K18

PRAGATI ENGINEERING COLLEGE(AUTONOMOUS)

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1-378, ADB Road, Surampalem, East Godavari District, Andhra Pradesh, India-533437
Tel: 08852-252233,34

PREFACE

The magazine is a yearly magazine published by the department of mechanical engineering. In this edition poems from students, research papers from the faculty and articles on latest technological advancement are included. In addition to it magazine also provides space for the inclusion of various technical and cultural activities happened in the department during one year.

This edition was far more crucially scrutinized and checked by some of the best faculties not of this department but also from the college.

Hope this magazine becomes the reflection of mechanical department and will cater all the needs of readers.

Thank you!

Dr. PADAGA KUMAR BABU

HOD -Department of Mechanical Engineering

MESSAGE FROM CHAIRMAN

I am proud to announce the release of Magazine's issue. The magazine signifies the writer's penmanship and also allows them to share their ideas. I acknowledge the efforts of students and staff of Mechanical department who have taken the initiative to promote the writing and publishing skills of the students.

Students and staff achievements have also been presented which will be a motivational factor for the other students to achieve the standard of excellence. Glad to say that we have achieved our aim of turning this into reality. I would like to congratulate all the students, teachers, alumni and everyone involved in bringing out its edition.

Wishing everyone loads of success and bright future.

Dr. P. KRISHNA RAO
(CHAIRMAN)

MESSAGE FROM DIRECTOR

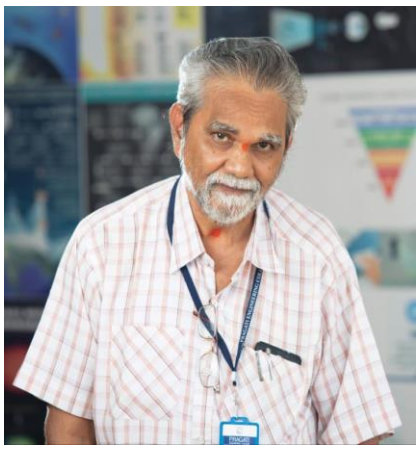
It is a great pleasure and I feel honoured to be a part of the magazine of Department of Mechanical Engineering. This is one of the strongest departments of Pragati Engineering College (AUTONOMOUS).

Students have shown tremendous potential not only in academics but also in co-curricular and extracurricular activities. Students were also encouraged to present the paper in different domains of Mechanical Engineering.

I heartily congratulate all faculties, students and staff for their hard work in publishing magazine that will represent the insight of Mechanical department.

Wishing them best of luck!

Sri M.V. HARANATHA BABU
(DIRECTOR-MANAGEMENT)



MESSAGE FROM DIRECTOR

This helps the students to share and express their ideas in an articulate manner.

Students are showing commendable performance in GRE, CET-MBA and GATE examinations, which can be compared with any other institution in India. For overall personality development apart from academic, co-curricular and extra-curricular is the need of the hour. Students are encouraged to participate in inter and intra-college competition. All these activities help them in getting jobs in reputed companies. They are also admitted in institution of high repute for higher studies in India and abroad.

I congratulate all faculties, students and staff for their hard work in publishing magazine that will represent the insight of Mechanical department.

Sri Dr. G. RAGHURAM
(DIRECTOR-ACADEMICS)

MESSAGE FROM VICE PRESIDENT

It gives me immense pleasure to present the magazine of the Department of Mechanical Engineering. It is the talent and outcome of our students which is reflected through this. This is one of the best platforms for our students to present multifaceted personalities and innovative ideas. I take this opportunity to thank our respected Principal- Dr. S. Sambhu prasad, Dean Administration- Dr. G. NARESH, HOD- Dr. P. KUMAR BABU and all the faculty members for their incessant inspiration and kind support.

I believe that this edition, will prove to be a success. I express my heartfelt gratitude to the editorial committee for their relentless efforts, the young writers for their valuable articles and all those who have been a part of this magazine.

I wish a grand success.

Sri M. SATISH
(VICE-PRESIDENT)

MESSAGE FROM PRINCIPAL

I feel great pleasure to present magazine of our department of mechanical engineering. "Success comes to those who work hard and stays with those, who don't rest on the laurels of the past."

The world today is changing at such an accelerated rate and we need to pause and reflect on this entire system of Education. I am pleased to note that the increasing number of universities ranks every year speak the excellent quality of education being imparted in our institution.

Each issue of our college magazine is a milestone that marks our growth, unfolds our imaginations, and gives life to our thoughts and aspirations. It unleashes a wide spectrum of creative skills ranging from writing to editing and even in designing the magazine.

I congratulate the entire editorial team for their effort in bringing out this magazine in a very innovative way.

Dr. S. SAMBHU PRASAD
(PRINCIPAL)

MESSAGE FROM HEAD OF THE DEPARMENT

I am pleased to know that our students are successful in bringing their issue of magazine for this academic year 2017-18, the departmental magazine has the prime objective of providing aspiring engineers a wide platform to showcase their technical knowledge and to pen down innovative ideas.

This magazine is intended to bring out the hidden literary talents in the students and teachers to inculcate strong technical skills among them.

I congratulate and thank all the students and faculty coordinator who have made untiring efforts to bring out this magazine. I wish them all the very best for releasing more such magazines in future.

Dr. P. KUMAR BABU

(HEAD OF THE DEPARTMENT)

ABOUT PRAGATI:

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.

"Education is to Inspire, not to Instruct"

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."

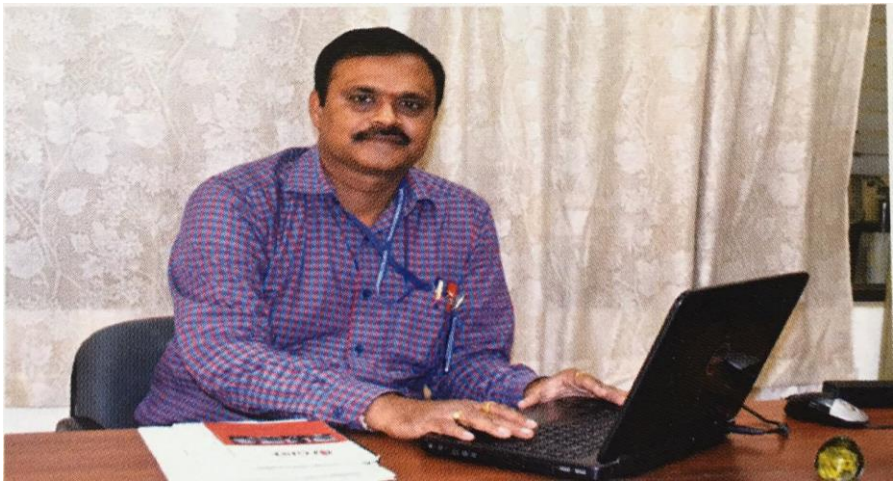
ABOUT MECHANICAL DEPARTMENT:

Pragati Engineering College started an undergraduate (B.Tech.) program in Mechanical Engineering in the year 2004, in order to meet the educational needs of the K.G. basin. The Department of Mechanical Engineering caters to the regional and global human resource requirements. The students of this department stood as college toppers in academics. The institution is located in the industrial corridor and therefore the students and teachers of the department get benefited through Industry-Institute-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.

The department building occupies an area of 27,500 SFT and houses well-equipped laboratories. The students participate in events and national level contests, conducted by various institutes. The members of faculty have completed sponsored research projects, amounting to a net worth of Rs. 21 lakhs, during the past three years.

Dr. S. Sambhu Prasad B.E., M.E., Ph.D. (Andhra University), Principal of the Pragati Engineering College has more than two decades of Teaching, Research and Administrative experience. He had worked as Principal of Raghu Engineering College, Visakhapatnam, AP; IACR Engineering College, Rayagada, Orissa and Roland Institute of Technology, Berhampur, Orissa previously.



Dr. P. KUMARBABU M.Tech., Ph.D., is joined to the Team Pragati. He is having more than fifteen years of teaching experience. Currently, he is Head of the Department of Mechanical Engineering.

Total No. of Faculty:				70
No. of Working Faculty:				68
No. of Visiting Faculty:				2
No. of Ph.D. Completed Faculty:				5
S. NO	NAME OF COURSE	SPECIALISATION	UG/PG	INTAKE
1.	B.Tech	Mechanical	UG	240
2.	M.Tech	CAD/CAM	PG	18
No. of Curriculum Labs:				12
Skill Development Labs:				7

VISION OF THE DEPARTMENT:

To be a globally renowned school of mechanical engineering in transforming individuals into professional engineers with world class competency and state-of-the-art research to fulfil the technological needs of the society.

MISSION OF THE DEPARTMENT:

The department of mechanical engineering strives.

M1: To prepare, educate and guide students by the faculty from all domains of mechanical engineering in enhancing their skills.
M2: To establish and utilize world class resources and infrastructure to impart quality education and promote Research aptitude among faculty and students to pursue higher education in diverse fields.
M3: To explore the students' knowledge gradually through industrial interaction for increasing their placement potential to fulfil the basic needs of the society with ethical and social responsibility.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS):

PEO-1: To prepare graduates with sound technical knowledge in the domain of mechanical engineering and allied disciplines contributing to society through interdisciplinary expertise.

PEO-2: To strengthen core competence of graduates by enhancing their self-learning abilities throughout their professional career as well as to pursue higher education.

PEO-3: To produce graduates with ability to explore their artistry in emerging areas of mechanical engineering flourishing their leadership qualities pertaining to ethical innovation with social responsibility.

PROGRAM OUTCOMES (POS):

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 modelling 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):

PSO 1: To solve engineering problems through delineation and perusal relating to mechanical systems and other allied engineering streams with / without advanced software tools.

PSO 2: To work solitary / array in developing core and multidisciplinary concepts for effective utilization of resources ensuring the best practices in the relevant.

POST GRADUATES PROGRAM:

Masters of technology in CAD/CAM is a two-year postgraduate program CAD stands for Computer Aided Design and CAM stands for Computer Aided Manufacturing. CAD/CAM applications are used to both design a product and programme manufacturing processes masters of technology in CAD/CAM provides knowledge and skill development in applying computer and scientific principles related to solve engineering problems.

PROGRAMME EDUCATIONAL OBJECTIVES:

PEO 1: Excel in career with professional knowledge and skills in the specialized area of Computer Aided Design and Manufacturing.

PEO 2: Demonstrate problem solving skills in industry, society in a broader perspective and be successful in teaching and research.

PROGRAM OUTCOMES:

PO 1: To provide fundamental and advanced knowledge and expertise to analyze complex engineering problems and synthesize independently

PO 2: To practice mechanical engineering in support of the design of engineering systems through the application of the acquired knowledge, skills, and tools pertinent to mechanical engineering.

PO 3: To promote independent and collaborative work, while demonstrating the professional and ethical responsibilities of the engineering profession.

PROGRAM SPECIFIC OUTCOMES:

PSO: To conduct research individually or teams to generate scientific technological knowledge in CAD/CAM.

The Department is headed by **Prof. Dr. P. KUMAR BABU.** The members of faculty continuously upgrade their knowledge, skills, and educational qualifications. The members of faculty execute research projects with funding from national and international level sources, and disseminate research by presenting/ publishing in National/ International Seminars, Conferences, and Journals, creating intellectual resource. The academicians impart their knowledge to the students through effective classroom teaching, summer/ special training, guiding industry-oriented projects, and helping students to present papers in student paper contests and national conferences. The academicians invite advanced inquiry from the students.

The teachers conduct Industrial Training Programs in order to benefit the students as well as the industry personnel. The teachers utilize the audio-visual equipment for effective communication, wherever applicable. The technicians cater to the institutional fabrication/ machining/ maintenance needs.


“FACULTY
ACTIVITIES”

FACULTY DEVELOPMENT PROGRAMMES IN THE AY-2017-18

S.NO	NAME OF THE FACULTY	FDP'S NAME	DURATION	PLACE
1.	Mr. V. V. N. Sarath	NX Basic Design and Basic Simulation – Siemens	15-5-17 to 20-5-17	APSSDC, Govt of AP
2.	Mr.D. V. G. Srinivas			
3.	Mr. V. Ravi Chowdary	A one-week FDP on CNC Turning Programming	14-5-18 to 18-5-18	AU College of Engineering, Visakhapatnam
4.	Mr. V. Nagababu			
5.	Mr. N. Raghuveer			
6.	Dr. P. Kumar babu	FDP in Entrepreneurship development	7-8-2017 to 19-8-2017	Ni-msme
7.	Mr. P. Ramprasad			
8.	Mr. K. S. Vara prasad			
9.	Ms. D. Maha lakshmi			
10.	Mr. G. Avinash	A 2-week FDP on Contemporary Advances in Materials & Manufacturing Engineering (CAMME-2017)	30-10-17 to 10-11-17	Jntuk, Kakinada
11.	Mrs. Ch. Vasantha Lakshmi			
12.	Mrs. K. Aravinda			
13.	Mrs. Anusha Srikanta			
14.	Mr. G.V.N. Santosh	PEDAGOGICAL TRAINING ON OUTCOME BASED EDUCATION	18-12-17 to 30-12-17	Gayatri Vidya Parishad college of engineering Visakhapatnam.

PUBLICATIONS OF FACULTY IN AY-2017-18

S.NO	NAME OF THE FACULTY	INTERNATIONAL PUBLICATION	MONTH & YEAR	NAME OF THE JOURNAL	ISSN NUMBER
1.	Dr. S. Sambhu Prasad Mr. Avinash Gudimetla	Design and Experimental investigation of Tensile strength properties using different forms of layers for epoxy materials	May 2018	International journal of research	2348-6848
2.	Dr. S. Sambhu Prasad Mr. Avinash Gudimetla	Investigation on effect of corrosion on mechanical properties of Al 6061 and Al 7075	May 2018	International journal of research	2348-6848
3.	Mr. G. Avinash Mr. S. Srikanth	Design and CFD Analysis of Different Pipe Joints Used in Water Supply industries	June – July 2017	IJITR	6955-6958
4.	Dr. P. Kumar Babu	Creviced Window System for Indoor Air Quality Improvement and Energy Conservation for Medium Capacity Halls	October-November 2017	IJAME	2250-3234

S.NO	NAME OF THE FACULTY	INTERNATIONAL PUBLICATION	MONTH & YEAR	NAME OF THE JOURNAL	ISSN NUMBER
5.	Mr. A.V Ramana Rao Mrs. K. Aravinda	Design and Analysis of Boeing 747 Aircraft Wing Rib Using Composite Materials	01-02-2018	IJETAE	2250-2459
6.	Mr. P. Sukumar Mr. S. Srikanth Mr. G.V.N. Santhosh	Modelling and Strength Analysis of Diaphragm Accumulator	01-03-2018	IJETAE	2250-2459
7.	Dr. S. Sambhu Prasad Mr. Avinash Gudimetla	Synthesis and characterization of aluminum (4032) metal and nano sio2 composites for evaluating their mechanical properties	01-05-2018	IJTIMES	2455-2585
8.	Dr. P. Kumar Babu Mr. M. Sunil Raj	3d Modeling and Thermal Analysis of Electrical Transformer Cooling System	01-05-2018	IJTIMES	2455-2585
9.	Mr. A.V. Ramana Rao Mr. G. Pandu ranga	Strength Analysis of Sandwich Panels by Considering the Shape Effect of Grid Stiffened Core	01-05-2018	IJTIMES	2455-2585

FACULTY-WORKSHOP PROGRAMMES IN THE ACADEMIC YEAR-2017-18

S.NO	NAME OF THE FACULTY	WORKSHOP/SEMINAR NAME	DURATION	PLACE
1.	Mr. R. Ramesh	Lean six sigmas for Engineers and application in Automobile Engineering	19-9-17 to 20-9-17	CMR Engineering college
2.	Mr. M. Rajesh			
3.	Mr. G. Bala Krishna			
4.	Ms. I. Gopi lakshmi			
5.	Mr. V. Ravi veera chowdary	Two-day national seminar on Micro Manufacturing techniques	24-11-17 to 25-11-17	Anil Neerukonda Institute of Technology and sciences
6.	Mr. S. Srikanth	Experimental Techniques in welding Technology	22-12-17 to 23-12-17	Aditya group of engineering college, Surampalem
7.	Dr. Ch. Venkatadri naidu			
8.	Mr. Uday Bhaskar			
9.	Mrs. S. Swetha radha			
10.	Ms. Pasikanti Gayathri			
11.	Mr. Avinash Gudimetla	One day workshop on Recent Advancements in Mechanical Engineering	30-6-2017	JNTUK
12.	Ms. M. Amrutha			
13.	Mr. S. Srikanth	Empowering Teaching Excellence Through E-learning Platforms	8-7-2017	Jntuk, Kakinada
14.	Mr. P. Kumar Babu	Tech fest “VEDA 2K17”	15-9-17 to 16-9-17	Aditya group of engineering college, Surampalem
15.	Mr. P. Sukumar			
16.	Mr. P. Kumar Babu	Applications of NDT in various industries	22-9-17 to 22-9-17	Pragati engineering college, Surampalem
17.	Mr. G. Pandu ranga			
18.	Mr. P. Ram Prasad			


“STUDENT
ACTIVITIES”

STUDENT ACTIVITIES

Dr. P. KumarBabu delivered a presentation on "Eco-friendly Environment–Awareness" during the Seminar on Eco-Environment conducted by Eco-club of Pragati Engineering College on 5th June2017.

NSS ACTIVITIES

NSS unit of Pragati Engineering College Organized a Voluntary Blood Donation Camp on 12-4-2018 in association with Indian Red Cross Society, Kakinada. The Blood Camp was organized under the supervision of Indian Red Cross Society Medical Team. The medical team accepted blood from 86 donors in which 20 students are from Mechanical Engineering Dept.

WORLD ENVIRONMENT DAY- STUDENTS RALLY ON JUNE 5TH2017.

Students of Mechanical Department are involved in a Rally of Tree plantation on the eve of World Environment Day on June 5th 2017 organized by the Eco-club and NSS Units of Pragati Engineering College.

INDUSTRIAL VISIT

COMPANY NAME	COMPANY SECTOR	DISCIPLINE	LEVEL	DATE (FROM)	DATE (TO)	NO. OF STUDENTS
Dr. Narla Tata Rao Thermal Power Station	Power Generation	ME	UG	14/9/17	14/9/17	7
Dr. Narla Tata Rao Thermal Power Station	Power Generation	ME	UG	14/9/17	14/9/17	31
Dr. Narla Tata Rao Thermal Power Station	Power Generation	ME	UG	14/9/17	14/9/17	39

“““”””””””””””ERUDITE-2K17”””””””””””

EVENTS: “DARPAN”

“DIKSUCHI”

“DARSHAN”

“DISHATI”

“DOOHICKEY”

“HYDRO ROCKET”

“ROBO MARIO”

“ROBO SOCCER”

“AQUA BOT”

ERUDITE under STRIDES has been an opportunity since 2007 created by the Mechanical Engineering Association of our college, since then it made a great progress to provide a technical platform to all the students coming out from all parts of the nation to enhance their skills and improve their knowledge in the field of Mechanical Engineering.

What does ERUDITE means?

*** ERUDITE means "Characterized by Great Knowledge" ***

This year ERUDITE is back with loads of innovative and technical aspects.

Now let us take a quick look at technical events going to be organized in ERUDITE-2K17

DARPAN (PAPER PRESENTATION):

To reveal the quest of research in the field of Mechanical Engineering and to test the comprehensive skills of young Engineers, ERUDITE-2K17 is providing DARPAN as a platform to present their knowledge.

DIKSUCHI (POSTER PRESENTATION):

To showcase the future innovations or developments in the field of Mechanical Engineering, ERUDITE-2K17 is organizing DIKSUCHI.

DARSHAN (MODEL EXPO):

To Encourage the Young Creators of the country, by giving them a chance to exhibit their creativity and innovations, we are organizing DARSHAN which will provide a common platform for creative engineers.

DISHATI (TECHNICAL QUIZ):

Mechanical engineers require enormous amount of logic and technical knowledge. To test that knowledge inside the students, DISHATI will help to sharpen your technical skills and winning this event to be proved as a Technocrat.

DOOHICKEY (CONTRAPTIONS):

To test the limits of the mechanical engineers by challenging their creativity and questioning their will of creation and demanding a new possibility for an old question. DOOHICKEY creates a common platform to expand their limits and represent them.

HYDRO ROCKET:

This event is a platform purely conducted to encourage the designing skills of the budding engineers through a HYDRO ROCKET. It is a task where students require filling bottle with water and pressuring to launch it, where the design plays the main role of making it a successful launch.

ROBO MARIO:

Robots are the future. This event is a platform for those who want to excel in the field of Robotics where a robot will be designed by the students and will be raced on a specified path passing over many hurdles.

ROBO SOCCER:

This is another event where the robots are tending to fight in a football court. It's completely a soccer game playing by robots but purely operated by students.

AQUA BOT:

It is an event where a boat is raced through a specified path with lesser time considered as winner.

ART GALLERY:

This is a unique way of bringing out the talent in the students. Since mechanical engineers deals with a lot of creativity, imagination and art, we encourage students to exhibit their own creativity and art.

and many more spot events.....


ERUDITE
2K17


PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
ERUDITE
2K17
9th Jan 2K17
DARPAN
(PAPER PRESENTATION)
DIKSUCHI
(POSTER PRESENTATION)
DARSHAN
(MODEL EXPO)
DISHATI
(TECHNICAL QUIZ)
DOOHICKEY
(CONTRAPTIONS)
SPOT EVENTS
HEAD OF THE DEPARTMENT
Mr. Avinash. G
(9866443604)
FACULTY CO-ORDINATOR
Ms. DeepRani. K
(9177791811)
STUDENT CO-ORDINATORS
Mr. Suraz Varma. D, Mr. Chiranjeevi. V
(7382641699)
(9701238048)


PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
ERUDITE
2K17
DARPAN
DIKSUCHI
DARSHAN
SPOT EVENTS
STUDENT CO-ORDINATORS
Mr. Suraz Varma. D, Mr. Chiranjeevi. V


PRAGATI ENGINEERING COLLEGE
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ERUDITE
2K17
DARPAN
PAPER PRESENTATION
DIKSUCHI
DARSHAN
MODEL EXPO


STRIDES
2K17
09th Jan'17
Poster Presentation
Paper Presentation
Project Display
Technical Quiz
and many more
09th Jan'17
Elever
09th Jan'17
Erudite
Dept. of ME
10th Jan'17
E Jive
Dept. of ECE
10th Jan'17
Eprozyne
Dept. of CSE & IT


INAUGURATION OF
Dr. S. SRINIVAS KUMAR
DIRECTOR, RESEARCH & DEVELOPMENT
JNTUK, KAKINADA
PRAGATI ENGINEERING COLLEGE
(Autonomous)
09th Jan'17
Exult
Dept. of EEE
Chief Patron: Dr. Paruchuri Krishna Rao
Chairman


INAUGURATION OF
Dr. S. SRINIVAS KUMAR
PRAGATI ENGINEERING COLLEGE
PRAGATI ENGINEERING COLLEGE


PRAGATI ENGINEERING COLLEGE
(Autonomous)
DEPARTMENT OF MECHANICAL ENGINEERING
ERUDITE
DARPAN


KISHORE
HAPPY PONG


PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
ERUDITE
DARPAN
DIKSUCHI
DARSHAN


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ERUDITE
DARPAN
DIKSUCHI
DARSHAN

EVENT WISE WINNERS LIST

S.NO.	NAME OF THE EVENT	FIRST PRIZE	SECOND PRIZE
1.	DARPAN	P. RESHMA BHARADWAJ	K. SAI NADH A. SAI
2.	DIKSUCHI	A.SAI CHARAN K.V.V. SATYANARAYANA	K. SAI KHYATHI N. SRI LEKHA
3.	DISHATI	M.RAJASEKHAR N. CHANDRA KIRAN R. VARDHAN	J. SRIRAM TEJA K. SURESH M.V. SATYANARAYANA
4.	DOOHICKEY	K. VEERA DURGA PRASAD A.SAI ACHYUTH V.SANDEEP	V.UMAMAHESWARA RAO K. KIAHAN KANTH P.R.V.S.SRI DATTA
5.	DARSHAN	B.V. SATYANARAYANA B. THOSHITH V. SUDHEER	P.SAI KRISHNA P. PRAVEEN KUMAR S.P. LIVING ROY N. SRI DURGA K. RAVI KUMAR V.RAJA RAVINDRA


“PRISM-2K18”

PRISM-2K18


PRAGATI ENGINEERING COLL
(Autonomous)
PRISM


PRAGATI ENGINEERING COLLE
(Autonomous)
PRISM


PRAGATI ENGINEERING COLLEGE
(Autonomous)
PRISM

CULTURALS


PRAGATI ENGINEERING COLLEGE


PRAGATI ENGINEERING COLLEGE


PRAGATI ENGINEERING COLLE
(Autonomous)
PRISM


PRAGATI ENGINEERING CO
(Autonomous)
PRISM


(Autonomous)
PRISM
2K18


GATI ENGINEERING COLLEGE
(Autonomous)
PRISM
CLUB


RAGATI ENGINEERING COLLEGE
(Autonomous)
PRISM
CLUB

Spot Light of Sparkling "PRAGATI" Rank Holders

Toppers from
Dept. of Mechanical Engineering

BATCH: 2013-17

S.NO	ROLL NO	STUDENT NAME	AGGREGATE
1.	14A35A0311	TIRANAM SANTOSH	87.71
2.	14A35A0319	RAYUDU SAIKUMAR	85.29
3.	13A31A0358	VECHALAPU NAGA VENKATA SAI KIRAN	81.86
4.	13A31A0355	VALLABHASETTI MANIKANTA	81.65
5.	13A31A0307	SABBELLA NAGASUBBA LAKSHMI	81.55
6.	13A31A0363	BAJIBOYINA SRIVENKATA SURYA SAI VIJAY	80.54
7.	13A31A0326	JAMMALAMADAKA RAMA SAILENDRA	80.4
8.	13A31A03E0	ILLURI BHARGAVA KRISHNA	79.74
9.	13A31A0393	MANCHALA VEERA DURGA PRASAD	78.63
10.	13A31A0317	CHINTAKAYALA SRINIVAS	77.89

Top-10 students of AY-17-18
I-Year I-Semester

S.NO	ROLL.NO	STUDENT NAME	SGPA
1.	17A31A0341	REDDY ACHYUTA SRI SAI	9.63
2.	17A31A03K3	K VEERA VENKATA SAI CHANDU	9.38
3.	17A31A03J5	GOLLAPALLI CHARAN TEJA	9.17
4.	17A31A0302	BHAMIDIPATI SNEHA SRI	9.13
5.	17A31A03K5	KORLA VENKATA HARINADH	9.13
6.	17A31A0373	CHADA JITHENDRA SAI RAJA	9.04
7.	17A31A0307	NARAHARISETTI TEJASWI	9
8.	17A31A0367	RAGU SATYA ANANTA PRIYA CHANDINI	9
9.	17A31A0375	DALLI SURYA TEJA REDDY	9
10.	17A31A03C7	GANJI RANJITH KUMAR	9

Top-10 students OF AY-17-18
I-YEAR II-SEMESTER

SL.NO	ROLL.NO	STUDENT NAME	SGPA
1.	17A31A0373	CHADA JITHENDRA SAI RAJA	9.88
2.	17A31A0341	REDDY ACHYUTA SRI SAI	9.75
3.	17A31A03K3	K VEERA VENKATA SAI CHANDU	9.75
4.	17A31A03K5	KORLA VENKATA HARINADH	9.75
5.	17A31A0321	KASAPU SAI MANIKANTA	9.63
6.	17A31A0305	KANDULA ANJANA	9.5
7.	17A31A0354	VASAMSETTI RAVI	9.5
8.	17A31A03A6	RAMESWARAPU ANANTHA LAKSHMAN	9.5
9.	17A31A03J5	GOLLAPALLI CHARAN TEJA	9.5
10.	17A31A0316	D VEERA VENKATA DURGA KISHORE	9.38

Top-10 students OF AY-17-18
II-YEAR I-SEM

S.NO	ROLL.NO	STUDENT NAME	SGPA
1.	16A31A0359	KARRI VEERALAKSHMI	9.05
2.	16A31A03I0	BANDARU VENKATA SAI RAM VIKAS	9.05
3.	17A35A0347	B VEERA VENKATA BHAVANNARAYANA	9.05
4.	16A31A0315	DHULIPUDI GOVINDARAJU	8.91
5.	16A31A0358	KANCHARLA SAHITYA	8.91
6.	16A31A03D9	GUNTAMUKKALA MANIKANTA SWAMY	8.91
7.	17A35A0318	CHELLABOINA ASHOK BABU	8.82
8.	16A31A03B0	TALLURI KAMESWARA RAO	8.77
9.	17A35A0335	LOKAVARAPU VIJAYKUMAR	8.73
10.	17A35A0320	GAMPALA NAGENDRA	8.68

Top-10 students OF AY-17-18
II-YEAR II-SEMESTER

S.NO	ROLL.NO	STUDENT NAME	SGPA
1.	17A35A0347	B. V. V. BHAVANNARAYANA	9.59
2.	16A31A03E9	KUDIPUDI V V SATYANARAYANA	9.45
3.	16A31A03I7	DANTULURI VARUN VARMA	9.45
4.	17A35A0320	GAMPALA NAGENDRA	9.45
5.	17A35A0335	LOKAVARAPU VIJAYKUMAR	9.45
6.	17A35A0359	YEEPU VENKATA RAJESH	9.32
7.	16A31A03D9	G MANIKANTA SWAMY	9.18
8.	17A35A0313	POLAVARAPU MURALI KRISHNA	9.18
9.	17A35A0317	YANDAM LAKSHMI SUMAPRIYA	9.18
10.	16A31A0321	JUNUTHULA SAIMOHAN	9.09

"TRAINING & PLACEMENTS"

TRAINING & PLACEMENTS

Training and Placement is the framework for helping students to develop their personal and organizational skills, knowledge, and abilities so as to enhance their personality as well as help them get placed in an organization which has global presence. PEC Engineering College is one of the very few colleges where the concept of Training has been implemented and proved successful.

The Placement Cell is sincerely working to empower students with various qualities and skills to achieve professional and personal excellence. The Training & Placement Cell is playing a major role in transforming the students to the expectations of the industry.

All the students are informed about the necessity of maintaining good academic scores and are motivated regularly to achieve the same. Training programs and industry related seminars are routine and the students are exposed to these kinds of programs from the very first day they step into the college.

These programs along with mock tests, both offline and online, have been made mandatory and evaluation procedures are followed which are in line with those required by the corporate world. They are being prepared to be individuals with logical and analytical skills and with excellent practical knowledge.

The Training & Placement Department at PEC strongly believes in engineering young minds to be disciplined, dedicated and determined so that in future they will confidently, capably and undoubtedly steer organizations towards growth, prosperity and excellence dynamically.

VAMSI KIRAN SOMAYAJULA

(Training & Placement Officer)

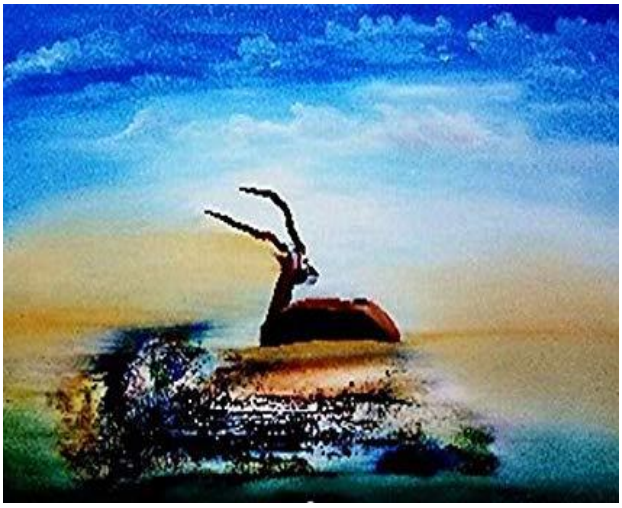
LIST OF STUDENTS PLACED IN AY-2017-18

S.NO	ROLL. NO	NAME OF THE STUDENT	NAME OF THE COMPANY
1.	14A31A0328	VULLI VENKATA SRAVAN	IBS
2.	14A31A03E9	N PAVAN KALYAN	
3.	14A31A03M8	VATSAVAI CHIRANJEEVI	
4.	15A35A0301	BOLISETTY SAI SATISH	
5.	14A31A0332	MADDALA VENKATA SATYANARAYANA	Shriram Panels
6.	14A31A03B5	VADDI UMA MAHESWARA RAO	
7.	14A31A03G4	SAI MANOJ KUMAR MANA PRAGADA	
8.	14A31A0362	AVASARALA S CHANDRA SAI SRINIVASA ABHISHEK	Pole to win
9.	14A31A03E1	KOLLI MAHIMA RAO	
10.	14A31A0324	JARAJAPU SREE RAM TEJA	Power Mech
11.	14A31A0327	KARNELA SATYA SURESH KUMAR	
12.	14A31A0332	MADDALA VENKATA SATYANARAYANA	
13.	14A31A0343	POTHULA SASIDHAR	
14.	14A31A03D9	KAKI MANIKANTA	
15.	14A31A03G4	SAI MANOJ KUMAR MANA PRAGADA	
16.	14A31A03M8	VATSAVAI CHIRANJEEVI	
17.	15A35A0322	NADIPALLI VIVEK	Triangle Incorporation
18.	14A31A0362	A S CHANDRA SAI SRINIVASA ABHISHEK	Talbros
19.	14A31A0383	KILARAPU SAIKISHORE	
20.	14A31A03L5	POLISETTI VENKATA PATTABHI RAMAYYA	
21.	15A35A0338	REDDY APPALANAIDU	
22.	15A35A0343	DOMMETI PRAVEEN KUMAR	
23.	14A31A0322	GUTTULA RAJESH	Cyient
24.	14A31A0324	JARAJAPU SREE RAM TEJA	
25.	14A31A03B5	VADDI UMA MAHESWARA RAO	
26.	15A35A0301	BOLISETTY SAI SATISH	
27.	15A35A0327	ANUSURI SIVA KRISHNA	
28.	14A31A0301	BANDE ANJANA DEVI	HGS
29.	14A31A0308	MADHAVARAPU UMA DEVI	
30.	14A31A0309	Y S S SIVA SAI LAKSHMI DHARSHITHA	
31.	14A31A0334	MIRTHIPATI BHARGAVA VAMSI KRISHNA	
32.	14A31A0338	PALANCHU OMKAR	
33.	14A31A0352	SURAPUREDDY VINAY	
34.	14A31A0353	SYED MEER MOHAMMAD RAFI	
35.	14A31A0389	MAKARAJU HARSHA VARDHAN	

S.NO	ROLL. NO	NAME OF THE STUDENT	NAME OF THE COMPANY
36.	14A31A0394	MOYYA VINEETH	HGS
37.	14A31A03A2	PENUGONDA V S DURGA PRASAD	
38.	14A31A03A6	RANDUCHINTHALA SAIRAMAKRISHNA	
39.	14A31A03A9	SAPPA DURGA PRASAD	
40.	14A31A03B9	ACHANTA SANDEEP	
41.	14A31A03D2	GOLAKOTI SAI SHANMUKH ESWAR	
42.	14A31A03D7	JUNNU DURGA SAI VARA PRAKASH	
43.	14A31A03F3	NEMANI KRISHNA LALITH	
44.	14A31A03H5	VINJARAPU VIJAY BABU	
45.	15A35A0344	GONNABATHULA MOHAN GANESH	
46.	14A31A0309	Y S S SIVA SAI LAKSHMI DHARSHITHA	Intelenet
47.	14A31A0369	CHUNDRU VENKAT KALYAN CHOWDARY	Karvy Data Management Services
48.	14A31A0378	JONNADA DEEPU ABHISHEK	
49.	14A31A0394	MOYYA VINEETH	
50.	14A31A03H2	VALLURI SRI SAI RAM	
51.	14A31A0351	SIVAKOTI SIVA MANIKANTA SAI	Onegene Autoparts Pvt. Ltd.
52.	14A31A0376	INTI VENKATA PRAVEEN PAPA RAO	
53.	14A31A0381	KARRI VENKATESH	
54.	14A31A0388	MAGAPU VAMSI	
55.	14A31A03B3	TAMARANA SIVA	
56.	14A31A03G0	POTULA UMA MAHESWARA RAO	
57.	14A31A03M4	TATIKONDA SAI SIVA RAMAKRISHNA	
58.	15A35A0318	LAGUDU ANIL	
59.	15A35A0336	PINISETTI SUDHEER KUMAR	
60.	15A35A0346	KAREDLA SRI RAM	
61.	14A31A0332	M VENKAT SATYA NARAYANA	Just Dial
62.	14A31A0359	Y VENKATESH	
63.	14A31A03A2	P V S D PRASAD	
64.	14A31A03E1	K MAHIMA RAO	
65.	14A31A03E9	N PAVAN KALYANA	
66.	14A31A03I9	G S A RAVI SANKAR	
67.	14A31A03L7	R LOKESH KUMAR	
68.	15A35A0301	B SATISH	
69.	15A35A0322	N VIVEK	
70.	15A35A0344	G MOHAN GANESH	
71.	14A31A0334	MIRTHIPATI BHARGAVA VAMSI KRISHNA	Infosys
72.	14A31A03B5	VADDI UMA MAHESWARA RAO	
73.	14A31A0399	PABOLU RAGHU VEERA SAI SRIDATTA	Midco Ltd.
74.	14A31A0370	D SAI VENKATA SURAZ VARMA	Buildmate Projects Pvt. Ltd.
75.	15A35A0341	BOBBILI SATYA VEERESH BABU	

“Creative ideas ooze out from one's sixth sense and vibrate in the brain and Inner soul. From there the new art flows, the new rhythm generates to awaken creative sensibilities”.

ART GALLERY



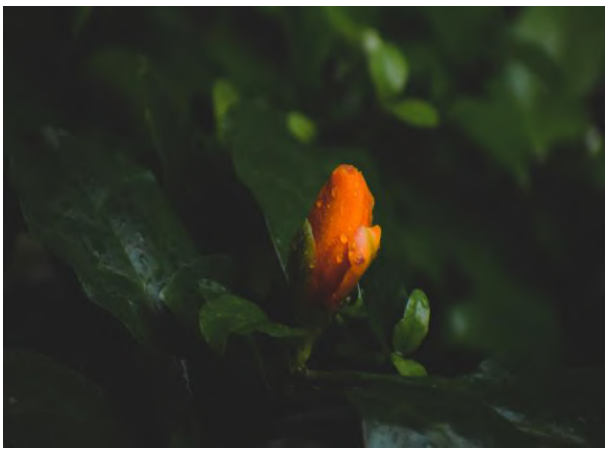
N. SAI SAI SAMPATH KUMAR (II MECH – B)

B. STEVEN
(II MECH – B)

V. CHARAN SAI
(II MECH – B)

B. MANOGJNA
(II MECH – B)

PHOTOGRAPHY



T. VEERA VENKAT SRI TEJA
(II MECH – B)

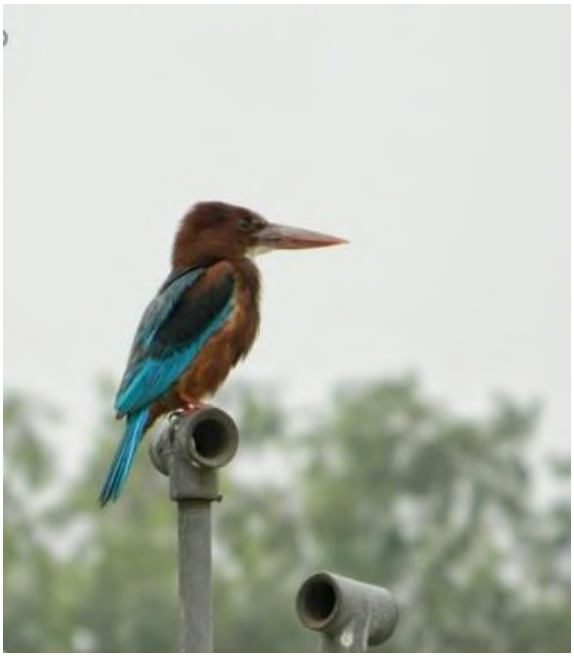
T. VEERA VENKAT SRI TEJA
(II MECH – B)

K. YASWANTH TEJA
(II MECH – B)

K. YASWANTH TEJA
(II MECH – B)

K. YASWANTH TEJA
(II MECH – B)

T. VEERA VENKAT SRI TEJA
(II MECH – B)



K. YASWANTH TEJA
(II MECH – B)

K. YASWANTH TEJA
(II MECH – B)


"ALUMNI DESK"
"OUR DOORS ARE ALWAYS OPEN FOR THE ALUMNI..."

ALUMNI DESK

Knowledge to creativity, being social to learning values, PEC has been a stepping stone in shaping my fruitful and important career. Feels enchanting to be a part of this institution and the department of mechanical with all the experience and exposure it has given me through the excellent faculty onboard. 4 years went in a wink and created smiles of excellence in me. I am fortunate to be a part of pragati and I promise to enlighten the society with the flame of knowledge passed down to me. Thank you pragati.

GANDI SAI CHANDRA

I am grateful to this institution which has given me the chance to strengthen my personality, identify my weaknesses and has led to the holistic development in me. PEC positively crackles with energy and activity. Resources here have facilitated my growth as a socially responsible individual. The placement division provides constant support for a student to be globally recognizable. Seemed like a second home to me being with the Dept of MEC, the faculty were so cherishing and bubbling with knowledge. I take this as an opportunity to thank the family of PEC in shaping my career.

KAKI MANIKANTA

It's a great learning experience in Pragati Engineering College. I feel myself to be very fortunate to get such a great faculty who always guided me and helped me to achieve my goals.

GUBBALA PRABHU

ALUMNI DESK

PEC has carved a niche for itself. The erudite faculty has inducted in me qualities and values that makes me a good student as well as a responsible citizen. Here, juniors and seniors work hand in hand along with the faculty in bringing laurels to the institution. The support extended by the faculty in we bring a part of co-curricular activities apart from just academics is enthralling. PEC also prepares a student to be globally competitive. I whole heatedly endorse the Fraternity of PEC and the Department of MEC for making me an individual who follows his passion for life.

MUTYALA SIVA DURGA

Someone has rightly said "College days are Golden Days". The memories during these days will last forever. Even now when I turn back, I realise I gained not only knowledge but moral values also from PEC. I personally thank all my faculty of MEC Department for their support during my college days.

BANDE ANJANA DEVI

The college has very good infrastructure. Department professors are very co-operative. They guided us in a very good way which helped us to execute our projects successfully.

K V SITA MANGA DEVI

Aspire for a "New Identity"

PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

ADB Road, Surampalem, Near Peddapuram, E. G. Dist, AP
Phone: 08852-252232, 252234, 252235
Email: pragati@pragati.ac.in |www.pragati.ac.in