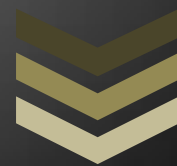


PRAGATI ENGINEERING COLLEGE (A)



ME-TIMES

JAN-JUNE 2018

DEPARTMENT
OF
MECHANICAL
ENGINEERING



2/7/2018

COLLEGE VISION

“To emerge as a premier institution for technical education in the Country through Academic Excellence and to be Recognized as a Center for Excellence in Research & Development, catering to the needs of our Country.”

COLLEGE MISSION

“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 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 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.

DEPARATMENT MISSION

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.

DEPARATMENT VISION

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 fulfill the technological needs of the society.



FROM HOD-DESK

DEPARTMENT OF MECHANICAL ENGINEERING is publishing News Letter “ME Times” with half-yearly by student editors, Faculty members and it will be shared to all the stake holders through website.

It is with great pleasure that we bring you the First issue in VOLUME 16 of ME-TIMES, the half yearly newsletter of DEPARTMENT OF MECHANICAL ENGINEERING in Pragati ENGINEERING COLLEGE. The name of our newsletter- ME-TIMES- signifies VALUE TIME, and it very aptly sums up the prospects of our Institute. With faculty that consists of bright minds and students who are keen to leave a mark, our future is in safe hands indeed. We are thankful to our students for coming up with the name and logo of the newsletter. The current newsletter highlights the activities of our students and the achievements of faculty during the past one year. It also features visits by eminent scholars from India and abroad to PRAGATI ENGINEERING COLLEGE. This newsletter also throws light on the infrastructure that MECHANICAL DEPARTMENT in PRAGATI ENGINEERING COLLEGE has, and the facilities that it provides. The intent of ME-TIMES is to disseminate information about our Institute, and we hope that the readers find the issues informative and useful. We are thankful to the faculty and staff of PRAGATI ENGINEERING COLLEGE for their valuable inputs, and we welcome suggestions and feedback that will help us improve further. We can be reached at newsletter@pragati.ac.in.

EVENTS ORGANISED BY/ATTENDED BY FACULTY

WORKSHOP'S



- Mrs.Ch. Vasantha Lakshmi and Mr. G.Panduranga conducted a 5 day **Workshop on Refrigeration & Air-conditioning** during 30th January to 3rd February 2018



- Mr.N.Raghuveer and Mr.V. Nagababu conducted a 2day **Workshop on "Automobile Explorations"** during 15th and 16thFebruary, 2018



- Mr. V.V.N Sarath and Mr. R Rajesh co-ordinated the 6day **Workshop on Mechanical Tech Zone on CATIA V5** through APSSDC, Vijayawada during 22nd February to 28th February, 2018.

- Dr.P.Kumar Babu , Professor &HOD, Mrs.Ch.Vasantha Lakshmi and Mr.P.Sukumar ,Associate Professors,Assistant Professors Mr.G.Avinash, Dr.G.Satish, Mr.A.V.RamanaRao, Mr.D.J.Johnson, Mr.M.Sunil Raj, Mr G.V.N Santosh, Mr.K.S.Varaprasad, Ms.K.Deep Rani, Ms.M.Amrutha have attended a Two Day Workshop on “**Outcome Based Education and NBA Accreditation**” in Pragati Engineering College during March 9th and 10th,2018 conducted by Prof. Venugopal , Professor-Mech, NIT-Warangal and Prof.Sarath Babu, Professor –Chemistry, NIT-Warangal.



A Student centered **Robotic Research Laboratory** was initiated with 100 students getting registered on **19th February 2018** , in the College through Department of Mechanical Engineering. CEO of M/s **SAKROBOTIX Pvt., Ltd**, Bhubaneswar along with his team of Trainers conducted a three day workshop for all the registered students.

An MOU was signed between PRAGATI and SAKROBOTIX in extending their activities in field of **ROBOTICS**.

Mr D.V.G.Srinivas, Mr K Viswatej and Mr.R.Rajesh are co-ordinating the 2 WEEK Workshop for students on Auto Desk Top **AUTOCAD** being organized during April/May 2018 through APSSDC in the college campus.

Journal Publications

1. Mr.A.V.RamanaRao, Assistant Professor and Mrs K.Aravinda, Assistant Professor have published a paper entitled “**Design and Analysis of Boeing 747 Aircraft Wing Rib**” International Journal of Emerging Technology and Advanced Engineering. Website: www.ijetae.com (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 8, Issue 2, February 2018) Page no: 299-303.
<http://www.ijetae.com/files/Volume8Issue2/IJETAE 0218 43.pdf>
2. Mr.P.Sukumar, Associate Professor, Mr.S.Srikanth, Assistant Professor and MrG.V.N.Santosh, Assistant Professor have published a paper entitled “**Design Modelling and Strength Analysis of Diaphragm Accumulator**” in International Journal of Emerging Technology and Advanced Engineering. Website: www.ijetae.com (ISSN 2250-2459, UGC Approved List of Recommended Journal, Volume 8, Issue 3, March 2018) Page no: 301-307.
<http://www.ijetae.com/files/Volume8Issue3/IJETAE 0318 51.pdf>
3. Dr.P.KumarBabu, Professor &HOD and Mr.M,Sunil Raj,Assistant Professor have published a paper entitled “**3d MODELING AND THERMAL ANALYSIS OF ELECTRICAL TRANSFORMATION COOLING SYSTEM**” in the International Journal of Technical Innovation in Modern Engineering and Science (IJTIMES) e-ISSN 2455-2585, Vol. 4, Issue 5(May 2018) . UGC approved Journal.
4. Mr.Srimanthula.Srikanth,Assistant Professor Mr.G.V.Santhosh,Assistant Professor have published a paper entitled “**DESIGN OPTIMIZATION OF AERODYNAMIC DRAG AT THE REAR OF GENERIC PASSENGER CAR**”in International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) e-ISSN: 2455- 2585, UGC Approved List of Recommended Journal Volume 4, Issue 6, June- 2018 .page No: 438-448.
5. Dr.S.Sambhu Prasad,Professor &Principal MrsB.AnushaSrikanta,Assistant Professor has published a paper entitled “**SIMULATION ANALYSIS ON FEMUR BONE ALONG WITH FRACTURE FIXATION PLATE**”.International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) e-ISSN: 2455-2585,UGC Approved List of Recommended Journal Volume 4, Issue 6, June-2018 page No: 408-416.
6. Dr S.Sambhu Prasad, Professor &Principal MrAvinashGudimetla, Assistant Professor have published a paper entitled “**EFFECT OF EQUAL CHANNEL ANGULAR PRESSING ON THE MECHANICAL PROPERTIES OF 4032-SiO₂ NANO COMPOSITE MATERIAL**”.International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) e-ISSN: 2455-2585,UGC Approved List of Recommended Journal Volume 4, Issue 6, June-2018 page No: 166-178.
http://www.ijtimes.com/papers/finished_papers/150606115904.pdf
7. Mr.A.V.RamanaRao, Assistant Professor G.Panduranga,Assistant Professor have published a paper entitled “**STRENGTH ANALYSIS OF SANDWICH PANELS BY CONSIDERING THE SHAPE EFFECT OF GRID STIFFEND**”

CORE” International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES) e-ISSN: 2455-2585, UGC Approved List of Recommended Journal Volume 4, Issue 5, May-2018 page No: 1067-1075.

8. Mrs.Ch.Vasanthalakshmi, Associate Professor ,Mrs.K.Aravinda, Assistant Professor Mr.D.J.Johnson, Assistant Professor have published a paper entitled “**DESIGN OF MULTICONTACT-AIDED CELLULAR COMPLIANT MECHANISMA FOR STRESS RELIEF**”.

CONFERENCES

1. Dr. P.Kumar Babu, Professor & HOD has authored in publishing **two technical papers** in the proceedings of National Conference on "Advancements in Mechanical, Manufacturing & Civil Engineering" NCAMMCE-18 entitled as
 - a. “**Design and fabrication of suspension system for all terrain vehicle**”
 - b. “**Fabrication of Fertilizer Spraying Machine**” . Conference was held during 6th- 9th March-2018 organized by M.Kumarasamy college of Engineering, Thalavapalayam, Karur, Tamilnadu.
2. Dr.P.KumarBabu,Professor&HOD,attendeda two day International Conference on Latest Innovations in Materials Engineering and Technology(ICLIET 2018)and presented paper “**Experimental Investigation on Precision Machining of Multiple holes by WEDM on Aluminium-6061 using Genetic Algorithm**” in at Lendi Institute of Technology, Vijayanagaram during 15th to 16th June 2018.

FDPs

1. Assistant Professors Mr.V.RaviChowdary, Mr.V.Nagababu and Mr.N.Raghuveer haveattended a One Week Faculty Development Program on “**CNC Turning Programe**”under TEQIP-III, Conducted at AU-APPSSDC-SIEMENSE Centre of Excellence AU College of Engineering, Visakhapatnam During 14th to 18th May 2018.
2. Mr.A.V.RamanaRao, Assistant Professor has participated in Faculty Development Program on “**Industry 4.0:Academia Initiatives in Mechanical Engineering**” during 12th to 14th June 2018 organized by Department of Mechanical Engineering, Malla Reddy College of Engineering And Technology, Hyderabad.

Training and Certification

1. Mr.K.Viswatej Assistant Professor has undergone AUTOCAD Training From APSSDC and obtained AUTODESK certified Professional (ACP) Certification during May 2018.

STUDENTS ACHIVEMENTS

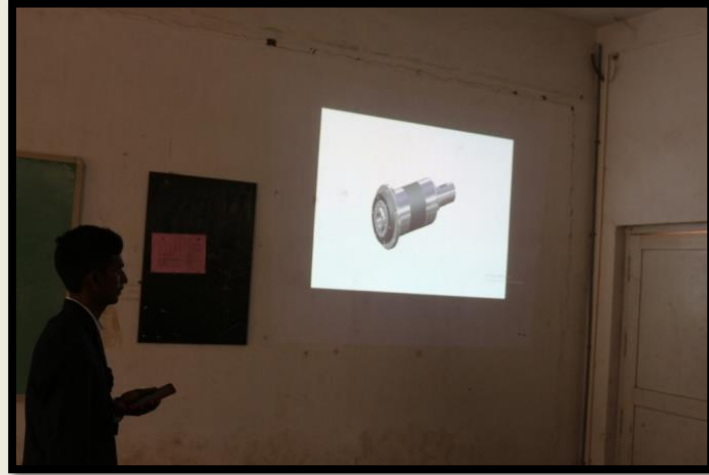


Erudite Program launch

ERUDITE Souvenir Release



PAPER PRESENTATIONS



S.NO	NAME OF THE STUDENT	PRESENTATION TOPIC	NAME OF THE COLLEGE
1	P. ASHOK	NANO TECHNOLOGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
2	K. TARUN	NANO TECHNOLOGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
3	S. PRAVALLIKA	NANO TECHNOLOGY	ERUDITE 2K18, PRAGATI ENGINEERING COLLEGE
4	ASISHKUMAR	NANO IC ENGINE	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
5	D. GOVIND	AUTO MOBILE ENGINEERING	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
6	Y GOVIND	AUTO MOBILE ENGINEERING	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
7	K. AVINASH	RENEWABLE ENERGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
8	L. KAMESWARA RAO	RENEWABLE ENERGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
9	P. RAVI	GREEN FLUEL TECHNOLOGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
10	BH. SANDEEP	GREEN FLUEL TECHNOLOGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
11	T. PRAJITH	SIX STROKE ENGINE	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
12	SUNDAR	SIX STROKE ENGINE	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
13	VEERALAKSHMI	SPACE TECHNOLOGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE

14	V. ESWARVENKATESH	WATER TURBINES	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
15	G. MANIKANTASWAM Y	WATER TURBINES	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
16	M. AKHIL	NANO TECHNOLOGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
17	YUVARAJ	NANO TECHNOLOGY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
18	T. VENKATA TARUN	ARTIFICIAL INTELLIGENCE	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
19	D.V.MANIKANTA	AIR POWERED CARS	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
20	M.V.GOVINDA RAJU	AIR POWERED CARS	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
21	K.S.SANDEEP	HYPER LOOP	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
22	M. VIKAS	HYPER LOOP	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
23	J. SAI MOHAN	HYDORZEN	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
24	C. JITHENDRA	INTERCONTINENTA L	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
25	K. RAMESH	INTERCONTINENTA L	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
26	K. SAHITYA	SIX STROKE ENGINE	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
27	K. MANIKARTHIK	AUTOMOBILE SENSORS	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE

ERUDITE 2018 POSTER PRESENTATIONS

S.NO	NAME OF THE STUDENT	NAME OF THE COLLEGE
1	D.H.V KRISHNA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
2	P. PAVAN KUMAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
3	KUKKALA SREEDHAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
4	KOTAGIRI SAI SANDEEP KUMAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE

5	K. V.DURGA PRASAD	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
6	POLARATI S SANKARA VARA PRASAD	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
7	ANURUDH ANGARA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
8	ANDE KRISHNA SATYA TEJA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
9	S.V. SUBRAHMANYAM	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
10	IVATURI DHARANI RAVI TEJA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
11	P. SREENIJA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
12	G. VARUN KUMAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE

ERUDITE 2018 TECHNICAL QUIZ

48 students participated in technical quiz conducted during Erudite 2K18.

S.No	Name of the Student	NAME OF THE COLLEGE
1	B.V.V BHAVAN NARAYANA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
2	N.BHANUCHAND	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
3	P.S.P.PRUTHIVI KUMAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
4	D.NAGARJUNA KONDALARAO	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
5	K.KALYAN SAI CHARAN	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
6	Y.VENKAT RAJESH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
7	K.AJAY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
8	C.PHANICHANDRA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
9	S.K.SATISH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
10	P.RAVITEJA	ERUDITE 2K18,PRAGATI

		ENGINEERING COLLEGE
11	B.H.SANDEEP	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
12	P.A.V.TARUN	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
13	CH.JITHENDRA SAI RAJA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
14	CH.SURESH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
15	K.SATYA RAMESH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
16	P.YOGESWARREDDY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
17	S.SAI YOGESH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
18	N.SAI NARAYANA TARUN	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
19	D.BRINESH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
20	T.SEKHAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
21	Y.SYAM PRAKASH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
22	G.NAGENDRA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
23	A.ANUROOP	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
24	B,SUDHEER	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
25	S.TEJASWA DURGA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
26	P.VINEETH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
27	A.BHANUTEJA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
28	L.VIJAYA KUMAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
29	A.KRISHNA VAMSI	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
30	M.DURGA PRASAD	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
31	T.MANI BABU	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE

32	A. MANIKANTA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
33	K.AMMIRAJU	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
34	G.SAIRAM	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
35	M.SURYA CHARAN REDDY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
36	R.SRINU	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
37	B.V.S.R.VIKAS	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
38	S.ANIL	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
39	CH.VEERANDRA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
40	GUDUPALLI CHANDRASEKHAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
41	GURRALAPREM KUMAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
42	JAJIMOGGALASAI SANKHAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
43	KARANAMYASWANTH	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
44	KARAVANJA SURYA TEJA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
45	AMARADHI SIVA SWAMY	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
46	BALIJIVINAY KUMAR	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
47	CHITIKINAMANIKANTA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE
48	KONTHEMSURENDRAVARMA	ERUDITE 2K18,PRAGATI ENGINEERING COLLEGE

SPOT EVENTS:

- 167 students participated in spot events during ERUDITE 2K18

EVENT	TOTAL
Slow bike race	62
Team building	50

Ludo	25
Know Your college	30

Awards won:-



- The following students Prizes won in ERUDITE 2K18

S.No	Event Name	Prize	Student Name
1	Poster Presentation	1st	P.Sreenija
		2nd	S.V.Subrahmanyam

2	Paper Presentation	1st	D.Ganesh Sai
		2nd	Ch.Jitendra Sai Raja
3	Quiz	1st	B.Brinesh
		2nd	Ch.Jitendra Sai Raja
4	Project	1st	T.Giri Prasada Reddy
		2nd	P.Teja Sai Kumar
5	Contraptions	1st	N.Siva Sai Durga Prasad
		2nd	G.Satish
6	CAD Mania	1st	G.Manikanta
		2nd	D.Ganesh Sai
7	Hydro Rocket	1st	V.Chaitanya Kiran
		2nd	E.Anand
8	Art Gallery	2nd	M.Venkatesh
9	Photo Shoot	1st	K.Prudhvi Harsha

WORKSHOPS

- 120 students had participated in Five day workshop on **Refrigeration & Air-conditioning** is conducted on during 30th January to 3rd February 2018 for III year B.Tech Students in association with National Engineering, Hyderabad.
- 143 students** of Mechanical Engineering have participated in Two Day Workshop on “**Automobile Explorations**” was conducted during **15th and 16th February, 2018**. The 2 Day workshop was organized for II Year B Tech students in association with J V workshops, Visakhapatnam



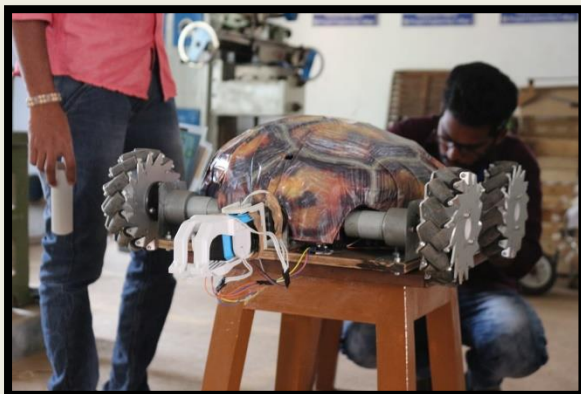
- 15 students** of Mechanical got registered as Annual Members on **19th February 2018** in Studentscentered **Robotic Research Laboratory** was initiated with, in the College through Department of Mechanical Engineering. CEO of M/s SAKROBOTIX Pvt., Ltd, and Bhubaneswar along with his team of Trainers who conducted a three day workshop for all the registered students during 19th to 21st February.

4. **42 students** had participated in Six day intensive CATIA Software training programme. III Year students under the title “ **Mechanical Tech Zone on CATIA V5**” through APSSDC, Vijayawada during **22nd February to 28th February, 2018.**



5. 33 students had participated in **CNC workshop** conducted on 8th march 2018
6. 24 students had participated in **Bike Trouble Shooting workshop** conducted on 8th march 2018.
7. Mr. Sivaramakrishna of third year(15A31A03I0) attended awareness programme on hardware hackathon during feb 2018 at GUDLAVALLERU Engg. College, Gudlavalleru.

PROJECTS



Erudite 2018 Mini Projects

HACKATHON Project Idea Execution

5 students under the team leadership of R.Adityadattatreya are involved in CSIR idea hackathon for the problem **Anti pilferage and anti-adulteration system for fuel rod tankers.**

S.NO	NAME
1.	R.Aditya Dattatreya
2.	Mahalakshmi
3.	K.V.V Sai Krishna
4.	A.Nagajyoti
5.	P.Sai Kumar

GUEST LECTURES

1. 30 students had participated in Guest Lecture on 12-04-18 in association with NSS & Department of Environmental Science on **Swachh Bharat.**
2. **21 Students** had participated IMPACT 2018,a 3 day certified Personality Development training programme through series of Guest lectures from Reputed Soft Skill Experts during June 22to 24 2018.
3. **150 students** from 2nd and 3rd and final year Mechanical participated in Guest Lecture on “**Fibre Reinforced Polymer Nano Composites**” delivered by Dr,V.V.Prasad, Professor and HOD ,Dept of Marine Engg.,AU College of Engineering,Vizag.

NPTEL CERTIFICATE COURSE

- **170 Students** of 3rd year Mechanical ,Registered for MOOCS through NPTEL under the following Courses
 - i) Energy Conservation and Waste Heat Recovery,
 - ii) Soft Skills and Personality Development
 - iii) Composite Materials
 - iv) Working Capital Management.
- **20 students** 2nd and final year registered for the Courses Laws of Thermodynamics ,FMHM,R&AC.

APSSDC TRAINING & CERTIFICATIONS

- **14 students** have attended AUTOCAD Training From APSSDC and obtained AUTODESK certified Professional (ACP) Certification during May 2018.

- **24 students** has undergone AUTOCAD Training during June 2018 through APSSDC and has registered for AUTODESK certified Professional (ACP) Certification to be conducted in July 2018.
- K. Surya from III ME-A has done his AUTO CAD certification course in E-PRO ACADEMY.
- K. Surya from III ME-A has done his CATIA V5 certification course in E-PRO ACADEMY.
- RESHMA POTLURI from III ME-A has done his UNIGRAPHICS certification course in CITD, HYDERABAD.
- RESHMA POTLURI from III ME-A has done his ANSYS certification course in CITD, HYDERABAD

ESSAY WRITING

- **27** Students of Mechanical participated in Essay writing competition on DRUG ABUSE and ILLICIT TRAFFICKING on June 21st 2018, on the occasion of World Drug Abuse Day

SEMINAR

160 Students from 2nd and 3rd year Mechanical attended a one day Seminar talk with Video Demonstration on **“Ornithopters and Tandem Helicopters”** by Dr. Joydeep Bhowmik, Assistant Professor, Dept. of Mechanics and Aerospace, IEST, Shibpur, West Bengal on 22nd June 2018.

NCC:

Total number of **88 students** participated in various NCC events:

S.NO	NCC EVENT	NO.OF STUDENTS
1	ATTENDED B- CERTIFICATE EXAM ON 17 th FEB 2018	15
2	ATTENDED C- CERTIFICATE EXAM ON 03 rd MARCH 2018	14
3	ATTENDED ATC-III CAMP FROM 3 rd MAY TO 12 th MAY 2018	5
4	ATTENDED CATC-I CAMP FROM 22 nd MAY TO 31 st MAY 2018	12
5	ATTENDED SWACHH BHARAT INTERNSHIP ON 15 th JUNE 2018	21
6	ATTENDED YOGA DAY CELEBRATIONS ON 21 st JUNE 2018	21
	TOTAL	88

1. 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 Engg Dept.



2. **20 Students** from Mechanical participated a 100 hrs Swachh Bharat Internship programme from 15th to 26th June 2018
3. **22 Students** from Mechanical participated in NSS Special Camp Programme from 15th to 26th June 2018 .



4. As a part of Social Service Audit Course, **79 Students** from 3rd year Mechanical participated in the following NSS programmes for 42 hours during 4th June to 7th July, 2018
 - Plantation in Schools near Kakinada, Peddapuram
 - Swachh Bharati villages covering Gaigalapadu, Allavaram

- Educational training in ZPH Schools around Kakinada, Peddapuram, Kovvuru.

INTERNSHIPS

Feb-June 2018 Internship Details		
S.No	Name of Company	Count
1	BHEL-Vizag	15
2	RINL-Vizag	35
3	APSRTC Zonal WorkShop-Vizianagaram	5
4	GVK Power Plant-Kesavaram	3
5	Reliance Industries Limited-Yanam	3
6	Farm Steel Products-Vizianagaram	1
7	HPCL-Hyderabad	1
8	FLITE Honda Showroom-Rajahmundry	1
9	BDL-Hyderabad	3
10	BHEL-Hyderabad	10
11	NFCL-Kakinada	6
12	ONGC-Rajahmundry	5
13	Adani Wilmar Pvt Ltd-Thammavaram	1
14	Coromandel International-Kakinada	8
15	Kaleesuwari Refinery and Industry-Kakinada	2
16	L&T Metro Rail Ltd-Hyderabad	1
17	Reliance Industries Limited-Jamnagar	1

SPORTS

- The following 30 students participated in the INTER COLLEGATE Sports various events.

S.No	Event Name	No. Of Students
1	BADMINTON	2
2	TT	3
3	VOLLYBALL	5
4	BASKET BALL	6
5	KHO-KHO	3
6	KABADDI	5
7	CRICKET	6
	TOTAL	30

PLACEMENTS

S.No	Roll. No	Name of the Student	Name of the Company
1	15A35A0322	Nadipalli Vivek	Triangle Incorporation
2	14A31A0362	AVASARALA S CHANDRA SAI SRINIVASA ABHISHEK	Talbros
3	14A31A0383	KILARAPU SAIKISHORE	
4	14A31A03L5	POLISETTI VENKATA PATTABHI RAMAYYA	
5	15A35A0338	Reddy Appalanaidu	
6	15A35A0343	Dommeti Praveen Kumar	
7	14A31A0322	GUTTULA RAJESH	
8	14A31A0324	JARAJAPU SREE RAM TEJA	
9	14A31A03B5	VADDI UMA MAHESWARA RAO	
10	15A35A0301	Bolisetty Sai Satish	
11	15A35A0327	Anusuri Siva Krishna	HGS
12	14A31A0301	BANDE ANJANA DEVI	
13	14A31A0308	MADHAVARAPU UMA DEVI	
14	14A31A0309	Y S S SIVA SAI LAKSHMI DHARSHITHA	
15	14A31A0334	MIRTHIPATI BHARGAVA VAMSI KRISHNA	
16	14A31A0338	PALANCHU OMKAR	
17	14A31A0352	SURAPUREDDY VINAY	
18	14A31A0353	SYED MEER MOHAMMAD RAFI	
19	14A31A0389	MAKARAJU HARSHA VARDHAN	
20	14A31A0394	MOYYA VINEETH	
21	14A31A03A2	PENUGONDA V S DURGA PRASAD	
22	14A31A03A6	RANDUCHINTHALA SAIRAMAKRISHNA	
23	14A31A03A9	SAPPA DURGA PRASAD	
24	14A31A03B9	ACHANTA SANDEEP	
25	14A31A03D2	GOLAKOTI SAI SHANMUKH ESWAR	
26	14A31A03D7	JUNNU DURGA SAI VARA PRAKASH	
27	14A31A03F3	NEMANI KRISHNA LALITH	
28	14A31A03H5	VINJARAPU VIJAY BABU	
29	15A35A0344	Gonnabathula Mohan Ganesh	Intelenet
30	14A31A0309	Y S S SIVA SAI LAKSHMI DHARSHITHA	
31	14A31A0369	CHUNDRU VENKAT KALYAN CHOWDARY	Karvy Data Management Services
32	14A31A0378	JONNADA DEEPU ABHISHEK	
33	14A31A0394	MOYYA VINEETH	

34	14A31A03H2	VALLURI SRI SAI RAM	
35	14A31A0351	SIVAKOTI SIVA MANIKANTA SAI	Onegene Autoparts Pvt. Ltd.
36	14A31A0376	INTI VENKATA PRAVEEN PAPA RAO	
37	14A31A0381	KARRI VENKATESH	
38	14A31A0388	MAGAPU VAMSI	
39	14A31A03B3	TAMARANA SIVA	
40	14A31A03G0	POTULA UMA MAHESWARA RAO	
41	14A31A03M4	TATIKONDA SAI SIVA RAMAKRISHNA	
42	15A35A0318	Lagudu Anil	
43	15A35A0336	Piniseti Sudheer Kumar	
44	15A35A0346	Karedla Sri Ram	
45	14A31A0332	M VENKAT SATYA NARAYANA	Just Dial
46	14A31A0359	Y VENKATESH	
47	14A31A03A2	P V S D PRASAD	
48	14A31A03E1	K MAHIMA RAO	
49	14A31A03E9	N PAVAN KALYANA	
50	14A31A03I9	G S A RAVI SANKAR	
51	14A31A03L7	R LOKESH KUMAR	
52	15A35A0301	B SATISH	
53	15A35A0322	N VIVEK	
54	15A35A0344	G MOHAN GANESH	
55	14A31A0334	MIRTHIPATI BHARGAVA VAMSI KRISHNA	Infosys
56	14A31A03B5	VADDI UMA MAHESWARA RAO	
57	14A31A0399	PABOLU RAGHU VEERA SAI SRIDATTA	Midco Ltd.
58	14A31A0370	D SAI VENKATA SURAZ VARMA	Buildmate Projects Pvt. Ltd.
59	15A35A0341	BOBBILI SATYA VEERESH BABU	

AWARDS WON

• The following **3 Mechanical Students** of 2017 B Tech Graduation Batch have received PRATHIBHA Awards declared by the A P State Government for Mechanical Engg -- JNTU Kakinada affiliated Colleges on 27th June, 2018 at the Pratibha Awards Ceremony conducted in

1. Tiranam Santhosh (14A35A0311)
2. Sabbella Naga Subbalakshmi (13A31A0307)
3. Rayudu Saikumar (14A35A0319)

RESULT ANALYSIS

IV-II

SUBJECT	APPEARED	PASSED	FAILED	%
	ME-A			
PRODUCTION PLANNING AND CONTROL	70	67	3	95.71
GREEN ENGINEERING SYSTEMS	70	68	2	97.14
POWER PLANT ENGINEERING	70	66	4	94.29
NON DESTRUCTIVE EVALUATION	70	67	3	95.71
PROJECT WORK	70	70	0	100

SUBJECT	APPEARED	PASSED	FAILED	%
	ME-B			
PRODUCTION PLANNING AND CONTROL	66	63	3	95.45
GREEN ENGINEERING SYSTEMS	65	61	4	93.85
POWER PLANT ENGINEERING	66	61	5	92.42
NON DESTRUCTIVE EVALUATION	67	63	4	94.03
PROJECT WORK	67	67	0	100

SUBJECT	APPEARED	PASSED	FAILED	%
	ME-C			
PRODUCTION PLANNING AND CONTROL	70	70	0	100
GREEN ENGINEERING SYSTEMS	70	68	2	97.14
POWER PLANT ENGINEERING	70	67	3	95.71
NON DESTRUCTIVE EVALUATION	70	67	3	95.71
PROJECT WORK	70	70	0	100

SUBJECT	APPEARED	PASSED	FAILED	%
	ME-D			
PRODUCTION PLANNING AND CONTROL	66	65	1	98.48
GREEN ENGINEERING SYSTEMS	66	64	2	96.97
POWER PLANT ENGINEERING	66	60	6	90.91
NON DESTRUCTIVE EVALUATION	66	62	4	93.94
PROJECT WORK	66	66	0	100

YEAR & SEMESTER	TOTAL	APPEARED	PASSED	FAILED	PASS %
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IV-II ME-A	70	70	62	8	88.57
IV-II ME-B	67	67	59	8	88.06
IV-II ME-C	70	70	64	6	91.43
IV-II ME-D	66	66	56	10	84.85
2014-2018 BATCH RESULT ANALYSIS, APRIL 2018	273	273	241	32	88.28

		ME-A	ME-B	ME-C	ME-D
NO.OF STUDENTS FAILED IN 1 SUB		6	2	4	7
NO.OF STUDENTS FAILED IN 2 SUB		1	4	2	3
NO.OF STUDENTS FAILED IN 3 SUB		0	2	0	0
NO.OF STUDENTS FAILED IN 4 SUB		1	0	0	0

III-I

SUBJECT	APPEARED	PASSED	FAILED	PASS %
	ME-A			
THEORY				
OPERATIONS RESEARCH	70	60	10	85.71
INTERACTIVE COMPUTER GRAPHICS	70	64	6	91.43
DESIGN OF MACHINE MEMBERS II	70	65	5	92.86
ROBOTICS	70	65	5	92.86
HEAT TRANSFER	70	60	10	85.71
INDUSTRIAL ENGINEERING MANAGEMENT	70	66	4	94.29
REFRIGERATION & AIR CONDITIONING	70	58	12	82.86
LABS				
HEAT TRANSFER LAB	70	70	0	100

SUBJECT	APPEARED	PASSED	FAILED	PASS %
	ME-B			
THEORY				
OPERATIONS RESEARCH	69	56	13	81.16
INTERACTIVE COMPUTER GRAPHICS	69	65	4	94.20
DESIGN OF MACHINE MEMBERS II	69	64	5	92.75
ROBOTICS	69	66	3	95.65
HEAT TRANSFER	69	53	16	76.81
INDUSTRIAL ENGINEERING MANAGEMENT	69	66	3	95.65
REFRIGERATION & AIR CONDITIONING	69	54	15	78.26

LABS				
HEAT TRANSFER LAB	69	69	0	100.00

SUBJECT	APPEARED	PASSED	FAILED	PASS %
	ME-C			
THEORY				
OPERATIONS RESEARCH	71	57	14	80.28
INTERACTIVE COMPUTER GRAPHICS	71	60	11	84.51
DESIGN OF MACHINE MEMBERS II	71	60	11	84.51
ROBOTICS	71	65	6	91.55
HEAT TRANSFER	71	51	20	71.83
INDUSTRIAL ENGINEERING MANAGEMENT	71	63	8	88.73
REFRIGERATION & AIR CONDITIONING	71	57	14	80.28
LABS				
HEAT TRANSFER LAB	69	69	0	100.00

SUBJECT	APPEARED	PASSED	FAILED	PASS %
	ME-D			
THEORY				
OPERATIONS RESEARCH	66	42	24	63.64
INTERACTIVE COMPUTER GRAPHICS	66	57	9	86.36
DESIGN OF MACHINE MEMBERS II	66	59	7	89.39
ROBOTICS	66	58	8	87.88
HEAT TRANSFER	66	46	20	69.70
INDUSTRIAL ENGINEERING MANAGEMENT	66	56	10	84.85
REFRIGERATION & AIR CONDITIONING	65	50	15	76.92
LABS				
HEAT TRANSFER LAB	64	64	0	100.00

YEAR AND SEMESTER WISE REVALUATION RESULT ANALYSIS, JUNE-2018

YEAR & SEMESTER	APPEARED	PASSED	FAILED	%
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III-I ME-A	70	48	22	68.57
III-I ME-B	69	41	28	59.42
III-I ME-C	71	42	29	59.15
III-I ME-D	66	32	34	48.48
III-I ME	276	163	113	59.06

	III ME-A	III ME-B	III ME-C	III ME-D
NO.OF STUDENTS FAILED IN 1 SUB	12	11	11	18
NO.OF STUDENTS FAILED IN 2 SUB	4	11	4	2
NO.OF STUDENTS FAILED IN 3 SUB	2	2	5	2
NO.OF STUDENTS FAILED IN 4 SUB	0	1	4	5
NO.OF STUDENTS FAILED IN 5 SUB	0	2	0	1
NO.OF STUDENTS FAILED IN 6 SUB	2	0	1	1
NO.OF STUDENTS FAILED IN 7 SUB	2	1	4	5

II-II

SUBJECT	APPEARED	PASSED	FAILED	PASS %
	ME-A			
THEORY				
Kinematics of Machinery	72	58	14	80.56
Thermal Engineering –I	72	67	5	93.06
Production Technology	72	67	5	93.06
Design of Machine Members –I	72	53	19	73.61
Machine Drawing	72	70	2	97.22
Industrial Engineering and Management	72	64	8	88.89
LABS				
Fluid Mechanics & Hydraulic Machinery Lab	72	72	0	100.00
Production Technology Lab	72	71	1	98.61

SUBJECT	APPEARED	PASSED	FAILED	PASS %
	ME-B			
THEORY				
Kinematics of Machinery	74	55	19	74.32
Thermal Engineering –I	74	68	6	91.89
Production Technology	74	68	6	91.89
Design of Machine Members –I	73	58	15	79.45

Machine Drawing	73	72	1	98.63
Industrial Engineering and Management	73	70	3	95.89
LABS				
Fluid Mechanics & Hydraulic Machinery Lab	74	74	0	100.00
Production Technology Lab	74	74	0	100.00

SUBJECT	APPEARED	PASSED	FAILED	PASS %
	ME-C			
THEORY				
Kinematics of Machinery	69	54	15	78.26
Thermal Engineering –I	68	64	4	94.12
Production Technology	69	64	5	92.75
Design of Machine Members –I	69	52	17	75.36
Machine Drawing	69	68	1	98.55
Industrial Engineering and Management	68	56	12	82.35
LABS				
Fluid Mechanics & Hydraulic Machinery Lab	69	69	0	100.00
Production Technology Lab	69	69	0	100.00

SUBJECT	APPEARED	PASSED	FAILED	PASS %
	ME-D			
THEORY				
Kinematics of Machinery	68	54	14	79.41
Thermal Engineering –I	68	64	4	94.12
Production Technology	68	66	2	97.06
Design of Machine Members –I	68	51	17	75.00
Machine Drawing	68	68	0	100.00
Industrial Engineering and Management	68	65	3	95.59
LABS				
Fluid Mechanics & Hydraulic Machinery Lab	68	67	1	98.53
Production Technology Lab	68	68	0	100.00

YEAR AND SEMESTER WISE RESULT ANALYSIS, MAY 2018

YEAR & SEMESTER	APPEARED	PASSED	FAILED	%
II-I ME-A	72	48	24	66.67
II-I ME-B	74	49	25	66.22
II-I ME-C	69	42	27	60.87
II-I ME-D	68	48	20	70.59
II-I ME	283	187	96	66.08

	II ME-A	II ME-B	II ME-C	II ME-D
NO.OF STUDENTS FAILED IN 1 SUB	10	13	14	8
NO.OF STUDENTS FAILED IN 2 SUB	4	6	4	7
NO.OF STUDENTS FAILED IN 3 SUB	7	1	5	2
NO.OF STUDENTS FAILED IN 4 SUB	1	3	3	2
NO.OF STUDENTS FAILED IN 5 SUB	1	2	1	1
NO.OF STUDENTS FAILED IN 6 SUB	1	0	0	0
NO.OF STUDENTS FAILED IN 7 SUB	0	0	0	0
NO.OF STUDENTS FAILED IN 8 SUB	0	0	0	0

STUDENTS CO-ORDINATORS

RESHMA POTLURI-----(16A31A0303)

M.VASUDHESWARI-----(16A31A0301)

D.SRI RAMYA----- (17A31A0358)

VudaRohit ----- (17A31A03B5)

FACULTY CORDINATOR

A.PHANI BHASKAR

Assistant Professor

HOD-ME

DR.P.KUMAR BABU

PROFESSOR