

**DEPARTMENT OF MECHANICAL
ENGINEERING**

“NEWS LETTER”

July-December, 2017



**PRASAD V. POTLURI SIDDHARTHA
INSTITUTE OF TECHNOLOGY**

(Autonomous & permanently affiliated to JNTUK, Kakinada

Accredited by NBA, an ISO 9001:2008 Certified Institution,

Approved by AICTE, New Delhi)

KANURU, VIJAYAWADA-520007.

PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY, KANURU, VIJAYAWADA.
MECHANICAL ENGINEERING DEPARTMENT

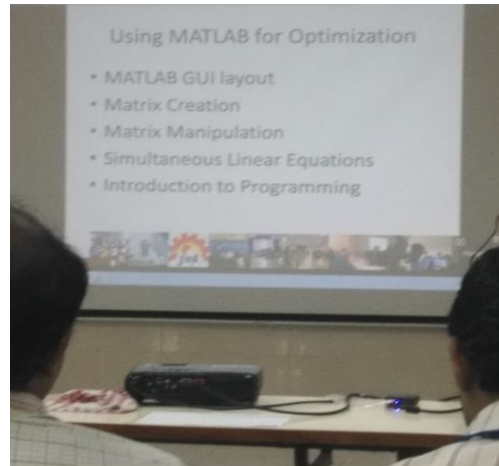
1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums organized:

The Department of Mechanical Engineering organized ---

- i. A one-week Short Term Course on “Optimization using MATLAB” (ICT09) for the staff from 17th July – 21st July, 2017.

Resource Persons:

Dr. B. S. Pabla, Professor, Mr. Deepam Goyal, Professor, Dr. K. C. Lachhwani, Professor, Dr. S. S. Dhama, Professor, Department of Mechanical Engineering, National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh.



- ii. A Guest Lecture on “Mechatronics in Smart Manufacturing” for IV-B.Tech students and staff of Mech. Engg. Dept. at PVPSIT on 28.07.2017.

Resource Person:

Dr. V. Vasu, Assistant Professor, Dept of Mechanical Engg., National Institute of Technology, Warangal.



- iii. A Guest Lecture on “Latest Trends in Automobile Engineering” for II B.Tech. students on 19.08.2017 at PVPSIT.

Resource Person:

Dr. V. Naga Prasad Naidu, Principal, GATES Institute of Technology, Gooty, Anantapur District.



- iv. A two-day workshop on “3D Printing” for III B.Tech ME students on 21st and 22nd August, 2017 by Mrs. E.Kavitha, Mr. Ch. Mohan Sumanth and Mr. Ch.Kishore Reddy, Assistant Professors of PVPSIT



- v. A ISHRAE Orientation Programme for IV-B.Tech. students and staff.by Mr. N. Bharath Kumar, President, ISHRAE, Vijayawada chapter, Mr. Ch. Ganesh, President Elect, Mr. A. V. Pullarao, Student Chair, Mr.P. Krishna Prasad, Membership Chair, Mr. B. Rama Mohana, Programme chair and Mr. Sk. Muneer, Treasurer on 01.09.2017 at PVPSIT.



- vi. A Guest Lecture on “Personality Development” for II B. Tech students and the staff by Prof. B. Lalithanand Prasad, Rtd. Professor & Head, MBA department, GVR&S college of Engineering and Technology, Retired as Marketing Manager in Andhra Sugars Ltd. on 22.09.2017 at PVPSIT.



- vii. A One-day Workshop on “Electrical Discharge Machining” by Sri. N. Raghu Ram and K.Sriram Vikas, Assistant Professors of Mechanical Engineering Department, PVPSIT on 23.09.2017.



- viii. The Guest Lectures & Seminars Committee of Mechanical Engineering Department has arranged a Guest Lecture on “MATERIALS DESIGN FOR MECHANICAL ENGINEERING” on 15.11.2017 at 11.30 AM in the e-class room for IV B. Tech Mechanical Engineering students and staff.

Resource Person:

Dr. I S R Sastry, Associate Professor, Department of Metallurgical and Materials Engineering, Rajiv Gandhi University of Knowledge Technologies, Basar.



- ix. One day National Conference on RECENT ADVANCES IN MECHANICAL ENGINEERING (NCRAME-17) on 02.12.2017 organized by Department of Mechanical Engineering sponsored by Siddhartha Academy of General and Technical Education, Vijayawada.



- x. The Guest Lectures & Seminars Committee of Mechanical Engineering Department has arranged a Guest Lecture on **“INDUSTRIAL CORE TOOLS AND THEIR IMPORTANCE”** on 28.12.2017 at 11.00 AM at Ground Floor Seminar Hall for IV B. Tech Mechanical Engineering students and staff.

Resource Person:

Sri. K. Chandra Sekhar Reddy, Sr. Manager-Operations, Kusalava International Limited, Adavinakkalam, Vijayawada.



2. Workshops/Seminars/Conferences/Faculty Development Programs attended by the faculty:

- i. P.Ravi Kumar, and Sd.Abdul Kalam participated in a One-week Skill Development Programme for faculty on “Modelling,Simulation and product Design Practices in Engineering (MSPDPE 2017)” at NIT Warangal from 03rd July, 2017 – 08th July, 2017.
- ii. E.Kavitha,P.Anusha, and M.Naga Swapna Sri attended a One-week Faculty Development Programme on “3D Printing Technology in Engineering Education(Batch-II)” at NIT Warangal from 10th July – 15th July, 2017.
- iii. K.Sri Ram Vikas, and V.Mallikharjun Kishan participated in the AICTE sponsored QIP short term course on “ Enhancing Yield in Metal Casting Industries” at IIT Roorkee, Uttarakhand from 10th July – 14th July,2017.
- iv. Dr. B.Raghu Kumar, and M. Somaiah Chowdary participated in the Faculty Knowledge Program at IBS ICFAI Business school at Vijayawada on 20th July, 2017.
- v. Dr. B. Raghu Kumar, U. Koteswara Rao, Sd. Abdul Kalam, G. Bala Krishna, Dr. P. Phani Prashanthi, Ch. Mohan Sumanth, M. Somaiah Chowdary and V.Mallikharjun Kishan have participated in a Two Day Workshop on “Finite Element Analysis of Structures (FEAST) Software jointly organized by Indian Society for Science and Engineering (ISSE)-Amaravathi Chapter, PVPSIT and Indian Space Research Organization from 3rd August – 4th August, 2017 at P.V.P.Siddhartha Institute of Technology.
- vi. P.Phani Prashanthi, and M.Mounika participated in a Short Term Course on “ X-Ray Crysttallography Basics and Applications” at Centre for Continuing Education IISc Bengaluru from 11th -15th September, 2017.
- vii. G.BalaKrishna attended a training programme on “Additive Manufacturing & Rapid Tooling” at Central Manufacturing Technology Institute, Bengaluru on 11th and 12th September, 2017.
- viii. Dr. K. Srividya attended one week FDP on “Advacnces in Mechanical Engineering” at Vasireddy Venkatadri Institute of Technology(VVIT), from 23rd to 27th October, 2017.
- ix. Dr. B. Raghu Kumar has participated and presented paper in one Day National Conference on Recent Advances in Mechanical Engineering(NCRAME17) at P.V.P.Siddhartha Institute of Technology on 2nd December, 2017.
- x. N.Raghu Ram has participated and presented paper in one Day National Conference on Recent Advances in Mechanical Engineering(NCRAME17) at P.V.P.Siddhartha Institute of Technology on 2nd December, 2017.
- xi. T.Srinag has participated and presented two papers in one Day National Conference on Recent Advances in Mechanical Engineering(NCRAME17) at P.V.P.Siddhartha Institute of Technology on 2nd December, 2017.
- xii. Dr. K.Srividya, Ms. E.Kavitha, Ms. P.Anusha has participated and presented paper in one Day National Conference on Recent Advances in Mechanical Engineering(NCRAME17) at P.V.P.Siddhartha Institute of Technology on 2nd December, 2017.
- xiii. G.Bala Krishna has participated in the course “ Welding Metellurgy and Weldability of Non-Ferrous Alloys” at IIT Madras from 11th -15th December, 2017

- xiv. E. Kavitha, Dr.K.Sivaji Babu, Dr M.R.S. Satyanarayana, Dr.V.Balakrishna Murthy, Prediction of Mechanical Properties of Hybrid FRP Composite for Longitudinal Loading Using Micro Mechanical Approach, National Conference on Materials & Manufacturing NCMM 2017, at GITAM Institute of Technology (Deemed to be University), Visakhapatnam from 22-23rd December, 2017.
- xv. P.Anusha, E. Kavitha, M.Naga Swapna Sri, Experimental Investigation of Heat Transfer Rate & Friction Factor In Poly Methyl Methacrylate Tube, , National Conference on Materials & Manufacturing NCMM 2017, at GITAM Institute of Technology (Deemed to be University), Visakhapatnam from 22-23rd December, 2017.
- xvi. Dr.K.Srividya has participated in the National Conference on Materials & Manufacturing (NCMM-2017) at GITAM Institute of Technology (Deemed to be University), Visakhapatnam from 22-23rd December, 2017.

3. Publications by the faculty (National/International Journals/ Conferences):

International Journals

Scopus indexed:

- i. P. Phani Prasanthi, K. Sivaji Babu, MSR Niranjan Kumar, G Raja Vamsi, and N Raghu Ram published a paper on "Analysis of Hybrid Composite with Moisture Defects using Finite Element Method and Micromechanics, Material Research Express 4(2017), <https://doi.org/10.1088/2053-1591/aa8d2f>.
- ii. Movva M, Kommineni R. Effect of Green Gram Husk Nanocellulose on Banana Fiber Composite. Journal of Natural Fibers. 2017 Dec 18:1-3.

Non - Scopus indexed:

- iii. M. V. Ramesh, G. Vijay Kumar, and G. Diwakar published a paper on "Design And Fabrication Of Solar Electrical Vehicle System in *International Journal Of Scientific and Engineering Research*, Volume 8, Issue 6, June-2017. 1719. ISSN. 2229-5518
- iv. P. Ravi Kumar, K. Mohana Rao, and Dr. N. Mohana Rao published a paper on "Chordwise vibration of functionally graded rotating beam" in *International Journal of emerging technology and advanced engineering*, *International Journal of Emerging Technology and Advanced Engineering*, ISSN 2250-2459, Volume 7, Issue 9, September, 2017.
- v. M.V.H.Satish Kumar published a paper on "Combustion Dynamic Analysis of Gas Turbine Engine" in *International Journal of Engineering Trends and Technology (IJETT)*, V50 (6), 321-328. August 2017. ISSN:2231-5381.
- vi. Ramya K, G. Vijay Kumar, Statistical analysis of Mechanical Properties of Flax, Sisal and Hemp Fiber Reinforced Composites with Polyester and Epoxy Resin Matrices by using Taguchi Method, *IJEDR*, Volume 5, Issue 4, ISSN: 2321-9939, 2017.
- vii. B.Renitha , Dr.P.Phani Prasanthi , M.Mounika ,P.Srikant, Natural Frequency of CNT Reinforced Composites Using Finite Element Method , *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:6.887 Volume 5 Issue X, October 2017.

- viii. P. Ravi Kumar , Dr. K. Mohana Rao , Dr. N. Mohan Rao, Chordwise Vibration of Functionally Graded Rotating Beam, International Journal of Emerging Technology and Advanced Engineering , ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 7, Issue 9, September 2017
- ix. Ch. Arun Babu, Sd. Abdul Kalam, P. Ravi Kumar Experimental and Analysis of Polyester - Jute- Hemp Fiber Reinforced Composite, International Journal of Engineering Development and Research Volume 5, Issue 4, 2017, ISSN: 2321-9939.
- x. Chaitanya, Ravi Kumar, Abdul Kalam, Effect of hub radius on natural frequency of a pre-twisted composite beam International Journal of Engineering Development and Research Volume 5, Issue 4, 2017, ISSN: 2321-9939
- xi. E Venkata Sai Krishna and B Raghu Kumar, FATIGUE FAILURE ANALYSIS ON TURBINE BLADES International Journal of Modern Trends in Engineering and Research, Volume 04, Issue 10, October– 2017 ISSN (Online):2349–9745, DOI:10.21884/IJMTER.2017.4328.DXVWD.
- xii. M. NishidharBabu, Ch. Deva Raj, B. Muddu Krishna, Y. Kiran, P.Mastan rao, Design and Optimization of Pressure Vessel using Real Coded Genetic Algorithm, International Journal of Scientific & Engineering Research Volume 8, Issue 10, October-2017, pp. 1409, ISSN 2229-5518

International Conferences

- i. Anusha Peyyala and N V V S Sudheer, Experimental Investigation of COP Using Hydro Carbon Refrigerant in a Domestic Refrigerator, IOP Conf. Ser.: Mater. Sci. Eng., No. 225, 2017
- ii. Naga Sai Divya, Dr. Raghu Kumar, Dr Lakshmi Narayana “Experimental investigation on the effect of Additive on the tensile properties of fiber glass fabric lamina”, IOP Conf. Ser.: Mater. Sci. Eng., No. 229, 2017.
- iii. Nava Sai Divya A, Dr Raghu Kumar B, and Dr Lakshmi Narayana G, Experimental Investigations on the effect of Additive on the Tensile Properties of Fiber Glass Fabric Lamina, IOP Conf. Series: Materials Science and Engineering 229 (2017) 012003 doi:10.1088/1757-899X/229/1/012003.

4. Faculty Achievements (Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Judge or Resource person etc.):

- i. Sri. U.Koteswara Rao delivered a Guest Lecture on “Simple Stresses, Shear Force & Bending Moment” for II B.Tech Mechanical Students at St. Mary’s Group of Institutions, Guntur, on 5th August, 2017.
- ii. Dr.B.Raghu Kumar delivered a Guest Lecture on “Gyroscopic Couple and recessional motion” for II B.Tech Mechanical Students at KKR & KSR Institute of Technology & Sciences, Guntur on 14th September, 2017.
- iii. Dr.B.Raghu Kumar acted as a judge for 'National Level Technical Fest EPISTEMICON2K17 for evaluation of for technical paper presentation, Project Expo, Poster Presentation at Andhra Loyola Institute of Engineering and Technology on 09th September, 2017.

- iv. Dr.B.Raghu Kumar acted as a judge for technical paper presentation (Srujana) in Engineering Stream in LAKSHYA 2K17, 12th 'National Level Technical and Cultural Fest in Mechanical Engineering department at Lakkireddy Balireddy College of Engineering on 15th September, 2017.
- v. Dr.G.Vijay Kumar acted as a judge for model contest at VRSE College, Vijayawada on 15-09-2017.
- vi. Dr.G.Vijay Kumar acted as a judge for innovative model contest at Sri Vijnana Vihar English medium school, Enikepadu on 20-09-2017.
- vii. Mr. Sriram Vikas and Mr.P.Srikant acted as a judge for Quiz contest at Sri Vijnana Vihar English medium school, Enikepadu on 20-09-2017.
- viii. Dr.B.Raghu Kumar has delivered an Expert Lecture in one session on “Condition Monitoring” in one week FDP at Vasireddy Venkatadri Institute of Technology(VVIT) on 24th October,2017.

5. Industrial Visits:

S.No	Year of Study	Name of the Industry Visited	Date(s) of visit
1	III (section-1) B.Tech. I semester	CIPET	18-08-2017
2	III (section-2) B.Tech. I semester	CIPET	17-08-2017
3	II B.Tech, (section-1) I semester	Kristna Engg Works	11-10-2017
4	II B.Tech, (section-2) I semester	Kristna Engg Works	13-10-2017

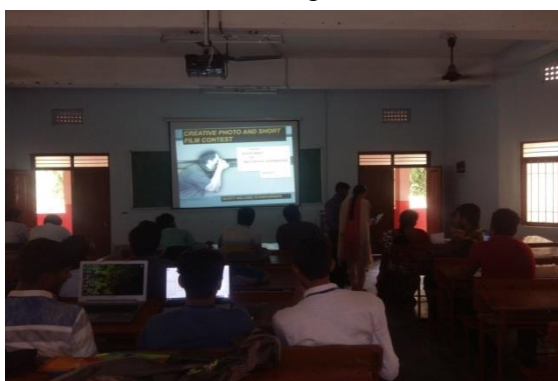
6. MOUs Signed:

- i. Better Castings, JRD Tata Industrial Estate, Kanuru, Vijayawada, A.P.

7. Student's achievements:

a) Literary and Cultural Activities/Academic awards:

- i. P. Anil Kumar of IV B.Tech. successfully completed all requirements and is granted the title of certified Labview Associate Developer on 19th July, 2017.
- ii. The Cultural committee of mechanical engineering conducted a Creative photo and short film contest on 19th August, 2017.



Creative photo contest winners:

- Mr. K. Hemanth IV/IV B.Tech. Aeronautical
Theme -- “Know your enemy moves before they learn your weakness.” - **I Prize**
- Mr. Mouli III/IV B. Tech. Mechanical
Theme -- “Modern technology taking over the beautiful nature” - II Prize
- Mr. Vinay IV/IV B.Tech Aeronautical
Theme -- “Love is the only thing that can touch the beauty of nature” - III Prize

Short film contest winners:

- Mr. K. Ganadhar and team IV/IV B.Tech Aeronautical
Theme: Malli Puttani Nalo Manishini - I Prize
 - Mr. K. Sushil and team IV/IV B.Tech Aeronautical
Theme: Nirlakshyam - II Prize
 - Mr. Sameer and team IV/IV B.Tech Mechanical-
Theme: Drugs - III Prize
- iii. V Sai Harshavardhan of II B.Tech has attended a workshop on Fast Track Automotive at ATMOS 2017, the National Techno – Management Festival of Bits Pilani Hyderabad Campus and won 2nd Position in competition from 27th – 28th October,2017.
- iv. K.Dwaraka Srinivas, M.Ram Prasad, Ch.Yona Kumar of III Year has participated in Gora Science Exhibition, presented a model on “Eco Friendly Solar Refrigerator” and secured **Grade 3 position** from 5th -7th December, 2017.
- v. P.Samba Siva Hari Krishna , M.Siva Krishna, P.Madhavi of III Year has participated in Gora Science Exhibition, presented a model on “Thermo Suit” and secured **Grade 3 position** from 5th -7th December, 2017.
- vi. L.Venkata Teja, A.Sai Chandu, B.Jagath Kumar, K.Venkata Krishna, B.Vykunta Rao of III Year has participated in Gora Science Exhibition, presented a model on “Green Air Conditioning” and secured **Grade 3 position** from 5th -7th December, 2017.

b) Presentation/Participation in Seminars/Conferences/Workshops:

- i. V. Sai Geethika of III B.Tech participated and won the 1st Prize in the Two Day Workshop on “3D printing” organized by Mechanical Engineering Department from 21st-22nd August, 2017 at P.V.P.Siddhartha Institute of Technology.
- ii. T.B.R.Krishna Vamsi Chowdary of III B. Tech. participated and won the 2nd Prize in the Two Day Workshop on “3D printing” organized by Mechanical Engineering Department from 21st-22nd August, 2017 at P.V.P.Siddhartha Institute of Technology.

- iii. G.Viswanadh Purna Sai of III B. Tech participated and won the 3rd Prize in the Two Day Workshop on “3D printing” organized by Mechanical Engineering Department from 21st –22nd August, 2017 at P.V.P.Siddhartha Institute of Technology.
- iv. V. Sai Srinivas, Y. Sandeep, S. Dinesh, V. R. S. S. Sumanth, V. Sailesh of II B.Tech. participated in a Two-day Workshop on “Finite Element Analysis of Structures(FEAST) Software jointly organized by Indian Society for Science and Engineering(ISSE)-Amaravathi Chapter, PVPSIT and Indian Space Research Organization from 3rd August, 2017 to 4th August, 2017 at P.V.P. Siddhartha Institute of Technology.
- v. N.Vishnu Vardhan, U. Mohan Naga Venkatesh, S. Anuraaga Sree, T. Venkata Sai Kartheek, T.Eshwar Kumar, P.Sai Phani Ram, M.Siva Krishna, M.Sai Charan, N.Sai Ganesh, U.Lova Apparao, Sk.Mahaboob Basha, Md.Althaf, P.V.Rama Kiran, Y.P.V.Satyanarayana, Sk.Hussain, M.Sai Mouli, T.Supriya, L.Rajya Lakshmi, M.Naga Lakshmi, V.Anusha, P.Naga Sabari, S.Asha, U.Venkata Tulasi, B.Anitha, Ch.Yona Kumar, K.Samadhanam, A.Sai Chandu, M.Ram Prasad,B.Devi Jagath Kumar has participated in a Two-day Workshop on “3D printing” organized by Mechanical Engineering Department from 21st August, 2017 to 22nd August, 2017 at P.V.P.Siddhartha Institute of Technology.
- vi. S.Geetha Satya Sai, S.Sai Praveen of II B.Tech participated in Engine-x event of Lakshya 2k17 at Lakkireddy Balireddy College of Engineering on 15th September, 2017.
- vii. 30 students of 2nd II B.Tech participated and were trained in Siemens Skill development programme, Nx software training at VRSE College, Vijayawada.
- vii. G.Anith, Ch. Bhanu Akhil, Burra Vamsi Krishna Reddy, Dulla Tarun, Gudise Venkata Nagarjuna, K.Shivakrishna, M. Srinath, M. Mukhesh Jadav, M. Durga Vinay, N. Akhil Chowdary, P. Sai Chaitanya, S Sai Praveen, Bora Raviteja, D. Chandra Sekhar, K. Jagadish, K. Rohith, Marella Avinash, T.T.N.V.Phani Kumar of II B.Tech has attended a workshop on Fast Track Automative at ATMOS 2017, the National Techno – Management Festival of Bits Pilani Hyderabad Campus from 27th – 28th October,2017.
- viii. P. Raguvaran, R Sai Sridhar, Sk. Javid Shareef, S Sai Praveen of II B.Tech has attended a workshop on ETHICAL HACKING at ATMOS 2017, the National Techno – Management Festival of Bits Pilani Hyderabad Campus from 27th – 28th October,2017.
- ix. R Sai Sridhar, S Geetha Satya Sai, Sk. Sameer Sohail, S Sai Praveen, Suvvari Dinesh, Talluri Subhash Chandrabose, VRSS Sumanth, Venigalla Sailesh, Yerra Sandeep , SK. Nagoor Sharif, Vadde Lohith of II B.Tech has attended a workshop on Anatomy of murder at ATMOS 2017, the National Techno – Management Festival of Bits Pilani Hyderabad Campus from 27th – 28th October,2017.
- x. S Geetha Satya Sai, Sk. Sameer Sohail, S Sai Praveen, Suvvari Dinesh, Talluri Subhash Chandrabose, VRSS Sumanth, Venigalla Sailesh, SK. Nagoor Sharif, Vadde Lohith of II B.Tech has attended a workshop on Suit up at ATMOS 2017, the National Techno – Management Festival of Bits Pilani Hyderabad Campus from 27th – 28th October,2017.
- xi. Suvvari Dinesh, VRSS Sumanth of II B.Tech has attended a workshop on Engima at ATMOS 2017, the National Techno – Management Festival of Bits Pilani Hyderabad Campus from 27th – 28th October,2017.
- xii. Talluri Subhash Chandrabose, VRSS Sumanth of II B.Tech has attended a workshop on Digital marketing at ATMOS 2017, the National Techno – Management Festival of Bits Pilani Hyderabad Campus from 27th – 28th October,2017

xiii. G.Viswanadh Purna Sai, V.Sai Geethika, TBR. Krishna Vamsi Chowdary, M.Sai Mouli of III Year has participated in Gora Science Exhibition, presented a model on “Colour Importance in Determining Radiative Heat Transfer ” from 5th -7th December, 2017.

8: Others:

Ongoing Minor Projects Sanctioned by UGC:

S. No.	Funding Agency	Name of the research project	Amount Sanctioned	Sanctioned Year	Faculty	Status
1	UGC	Virtual Repair of Engineering Structures using Piezoelectric Materials	Rs. 3,50,000/-	2014	U.Koteswara Rao	ongoing
2	UGC	Development Of Nano - Silver And Nano-Copper Reinforced Low Density Polyethylene Antimicrobial Bottles	Rs. 3,00,000/-	2016	Dr. K.Sivaji Babu	ongoing
3	UGC	Agro Waste Based Nano Composites	Rs. 2,65,000/-	2016	M. Mounika	ongoing

9. Alumni information:

- Mr. Guduru Tulasi Reddy of 2011-2015 batch who is working as probationary Officer in Andhra Bank interacted with Final B. Tech. students on 27.07.2017 about opportunities in Banking sector.



- Mr. P Sai Bharath 2013-2017 batch who is working as a Engineer in Divis Industries interacted with III B.Tech. I Sem. students on 26.08.2017 about oppotunities in Industries.



- U. Pranava Koundinya, Alumni of our dept, working as service engineer in SNE solutions Hyderabad, interacted with 4th year students on 03-10-2017.



10. Placements and Higher Education:

The Following 3 students got Admission in MS (USA):

S.NO.	ROLL NO.	NAME OF THE STUDENT	DETAILS OF STUDY
1	13501A0372	Mokkapati Swathi Manasa	University of Houston, USA
2	13501A0374	Ravella Naga Venkata Datta	University of BRIDGEPORT
3	13501A03B7	Leelu Nitish Vemulapalli	Bradley University, USA
4	13501A0324	D. Sai Krishna	Missori Institute of Science and Technology

- Mr. Sk. Shehnaz (11505A0312), got selected as Assistant Engineer in Water Recourses Department in APPSC (Off-Campus)

The Following 2 Students got off campus placements:

- Vemuri Sai Kiran Raj (11501A0359) got selected in NATS, Secunderabad
- M Sai Bharath (13501A0361) got Selected in Divis' Labs, Vizag.
- Eligible Final year students were undergone written test for e – Litmus.
- 21 Students are selected in TCS.

1	Ravi Kopanathi
2	Anil Padala
3	Rajasekhar Pagadala
4	Mahaboob Syed
5	Vamsi Sura
6	Mariyaraju Vanamali
7	Suheeth Balantha
8	Pavan Ganta
9	Puneeth Motamarri
10	Yaseen Mohammad
11	Ibrahim Mohammad

12	Aditya Kajuluri
13	Venkatasiva Veeravalli
14	Sivanaga Kokkiligadda
15	Eswar Kota
16	Yaswanth Kolluru
17	Sivarama Kuntamukkala
18	Rangaraju Kethineni
19	Yaswanth Vyda
20	Sai Kolli
21	Prashanth Polavarapu

The following students are pursuing higher education:

S. No	Regd. No	Name of the Student	Name of the Course	Name of the College/ University
1	13501A0352	Kondeti Sravanthi	M.Tech.	Vignan University
2	13501A0336	G Siva Durga Rao	M.Tech.	Vignan University
3	11501A0354	Thotakura Anoop Kumar	M.Tech.	Anna University
4	13501A0320	Ch.Venkata Vamsi	M. Tech.	Amrita University, Coimbatore

11. New Facilities Created:

- “Electrical Discharge Machine (EDM)” is procured at a cost of Rs. 6 Lakhs from SPARKONIX INDIA Pvt. Ltd., Pune.
- A trolley Speaker, A tripod LCD stand are procured under PMKVY scheme.

12. Activities of Professional Society:

- P. Sai Phaniram of III B.Tech participated and secured the 1st Prize in the event of Ex-Tempore organized by ISTE Student Chapter PVPSIT on 24th August, 2017 at P.V.P.Siddhartha Institute of Technology.
- N. Venkateshwara Rao of II B.Tech. participated and secured the 2nd Prize in the event of Ex-Tempore organized by ISTE Student Chapter PVPSIT on 24th August, 2017 at P.V.P.Siddhartha Institute of Technology.
- T.T. N. V. Phani Kumar of II B.Tech. participated and secured the 3rd Prize in the event of Ex-Tempore organized by ISTE Student Chapter PVPSIT on 24th August, 2017 at P.V.P.Siddhartha Institute of Technology.
- Ch.Yona Kumar, T.Venkata Sai Kartheek, A.Lakshmana Rao, L.Venkata Teja, K.Sai Phaneendra, K.Dushyanth, A.Abhilash, Anub Babu, K.Venkata Krishna, K.Vijaya Babu, K.Srinivas, B.Jayanth Kumar, K.Samadhanam, A.Syam Adarsh, M.Ram Mohan, J.Dileep, Sk.Hussain, P.Madhavi, T.Eshwar Kumar, Sk.Mahaboob Basha, U.Mohan

Naga Venkatesh, V.Sai Geethika, K.Prashanth Babu, A.Rajesh, Y.Chinni Bala Gangadhar, M.Padmakar of III B.Tech has participated in the event of Ex-Tempore organized by ISTE Student Chapter PVPSIT on 24th August, 2017 at P.V.P.Siddhartha Institute of Technology.

- v. S.Durga Rao, V.Sumanth, R.Sai Sridhar, K.L.Narayana, N.Someshwara Rao, Sd.Vali Babu, P.Vamsi Raj Kumar, Sk.Nagoor Sharif, V.R.S.S.Sumanth, M.Balaji, V.Sai Srinivas, Sk.Juber, R.Sai Kumar, R.Dyaneeswar of II B.Tech. participated in the event of Ex-Tempore organized by ISTE Student Chapter PVPSIT on 24th August, 2017 at P.V.P.Siddhartha Institute of Technology.
- vi. The following list of SAE Student Chapter members participated and were qualified in the Pre-Final Round of the 5th Go Kart Design Challenge which was conducted at Greater Noida Institute of Business Management (GNIBM), Greater Noida, Uttar Pradesh on 12th August, 2017.
 - On the Eve of Engineers Day Celebrations, ISTE Student Chapter organized the following events:
 1. Technical Paper Presentation
 2. Design contest
 3. Group Discussion
 4. Technical Quiz
 - and 5. Project expo

1. Technical Paper Presentation:

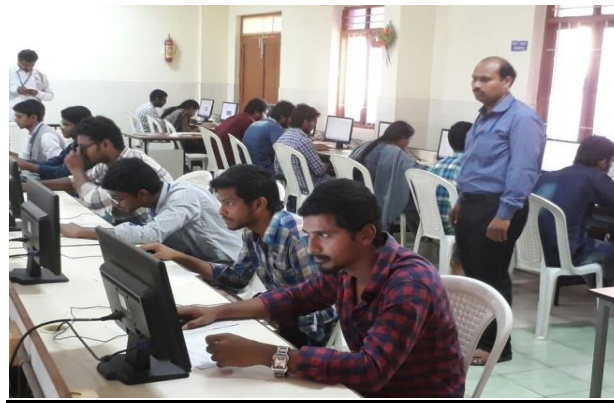


- i. K. Ranga Raju, K.Siva Rama Krishna of IV B.Tech. participated in Engineers day and presented a Technical Paper on “Thermo-Acoustic Refrigeration” and won the 1st prize organized by ISTE Student Chapter at PVP.Siddhartha Institute of Technology on 15th September, 2017.
- ii. P. Sai Phani Ram of III B.Tech. participated in Engineers day and presented a Technical Paper on “Thermo Continuous Liquid Interface Prototype” and won the 2nd prize organized by ISTE Student Chapter at PVP Siddhartha Institute of Technology on 15th September, 2017.
- iii. T. Venkata Sai Kartheek of III B. Tech. participated in Engineers day and presented a Technical Paper on “Dual Clutch Transmission” organized by ISTE Student Chapter at PVP Siddhartha Institute of Technology on 15th September, 2017.
- iv. Ch. Bhargav Varma, B.V.Vivek Chowdary, A.Fayaz of IV B.Tech. participated in Engineers day and presented a Technical Paper on “Welding Techniques of Al and Mg Alloys” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.

- v. K.Eshwar Sai Charan of IV B.Tech. participated in Engineers day and presented a Technical Paper on “EDM on En31 Tool Steel using different electrodes” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- vi. K.Aditya Prasad of IV B.Tech participated in Engineers day and presented a Technical Paper on “Sensotronic Braking System” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- vii. M. Venkateswara Rao of II B.Tech. participated in Engineers day and presented a Technical Paper on “Aqua Silencer” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- viii. K. Srinivas of III B. Tech. participated in Engineers day and presented a Technical Paper on “Adaptive Cruise Control” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- ix. P. Sairam, Md.Yaseen of IV B. Tech. participated in Engineers day and presented a Technical Paper on “Non Destructive Testing” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- x. Ch. Kesava Manikanta Kumar of IV B. Tech. participated in Engineers day and presented a Technical Paper on “Magnetic Repulsion Piston Engine” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- xi. R. Dyaneeswar, V. Lohit of II B. Tech participated in Engineers day and presented a Technical Paper on “Hydrogen Engine” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- xii. R.Sai Kumar, T.Phani Kumar of II B.Tech participated in Engineers day and presented a Technical Paper on “Power Transmission in Automobile” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- xiii. V.Sailesh, Sk.Shaneer of II B.Tech participated in Engineers day and presented a Technical Paper on “Electro Magnetic Reciprocating Engine” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technolog on 15th September, 2017.
- xiv. N.Pavan Krishna, K.V.P.T.Jagannadha Rao of I B.Tech has participated in Engineers day and presented a Technical Paper on “Solar Energy as a pathway to India’s becaring a super power” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- xv. A.Venkata Jayasri, M.V.Madhu Vani of I B.Tech. participated in Engineers day and presented a Technical Paper on “Ancient Indian Machines” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- xvi. Sk.Shoaib Akther, Sk.Farhana of I B.Tech. participated in Engineers day and presented a Technical Paper on “Advancement in Engine Technology” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.

- xvii. P.Bhanu Sri of I B.Tech. participated in Engineers day and presented a Technical Paper on “I VTEC Technology” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- xviii. V.Sri Ganesh of I B.Tech. participated in Engineers day and presented a Technical Paper on “Tidal Energy: The Capital of Renewable Source” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- xix. Sd.Vali Babu, Y.Praveen Kumar of II B. Tech. participated in Engineers day and presented a Technical Paper on “Thermal Power Plant” organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.

2. Design Contest:



- i. G.Purna Sai Viswanadh of III B.Tech. participated in Design contest and won the 1st prize on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2017.
- ii. T.B.R.Krishna Vamsi Chowdary of III B.Tech has participated in Design contest and won the 2nd prize on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- iii. Sk.Juber,Sk.Nagoor Sharif, V.Sreemannarayana Murthy, Sk.bdur Rehman,SD.Vali Babu, K.Gopi Krishna, Y.Praveen Kumar, TMN.Chakravarthy of II B.Tech. participated in Design contest on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- iv. V.Sai Geethika , M.Sai Mouli , S.Ravi Teja,M.Sri Ram Charan, GBNS.Akshay Kumar, of III B.Tech participated in Design contest on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology on 15th September, 2017.
- v. B.Vara Prasad,G.Saketh,n.Ramana Kumar, K.Adithya Prasad, B.Hari Rama Krishna, A.Purna Kishore, D.Venkatesh,P.Sumithra, K.Satya Mohan, Md.Ibrahim, Sk.Amir Fahed, Abdul Hakeem, K.Siva Rama Krishna, K.Ranga Raju, K.Hemanth Sai Subramanyam, GVSHMM.Gupta, K.Eshwar Sai Charan, Ch.Bhargav Varma, B.Syam Hemanth Kumar, L.Naveen, K.Sai Kumar, Ch.Revathi, G.Sai Rani, of IV B.Tech has participated in Design contest on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2017.

3. Group Discussion:



- i. V.Venkata Siva Kiran of IV B.Tech. participated in Group Discussion and won the 1st prize on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- ii. P.Sai Phani Ram of III B.Tech. participated in Group Discussion and won the 2nd prize on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- iii. P.Sumithra, P.Sairam, M.Puneeth, Aamir Fahed, Md.Yaseen, S.Dhruva Sree, P.Prashanth Vardhan, P.Raja Sekhar of IV B.Tech has participated in Group Discussion on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- iv. K.Srinivas, of III B.Tech. participated in Group Discussion on Engineers day at organized by ISTE Student Chapter P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- v. R.Dyaneeswar, V.Sai Srinivas, Ch.Bhanu Akhil, of II B.Tech. participated in Group Discussion on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- vi. P.Bhanu Sri,R.V.Chaitanya Reddy, R.Sai Kumar, Sk.Nagoor Sharif, N.Venkateswara Rao, N.Someswara Rao, P.Bharani Preetam, of I B.Tech. participated in Group Discussion on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.

4. Technical Quiz:



- i. K.Eswar Sai charan, Sk.Mahaboob Basha, Ch.Sumanth, G.Pavan Kumar participated in Technical Quiz and won the 1st prize on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- ii. P.Raja Sekhar, K.Srinivas, A.Narendra, S.Siva Hemanth has participated in Technical Quiz and won the 2nd prize on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- iii. P.Sumithra, D.Venkatesh, M.Ramaseshu, A.Naveen Kumar, N.Ramana Kumar, K.Siva Rama Krishna, Sk.Amir Fahed, T.Naga Babu, M.Narendra Babu, S.Tarun, B.Syam Hemanth Kumar, Ch.Bhargav Varma, VVS.Kiran,K.Adithya Prasad, K.Ranga Raju, P.Sairam, Md.Yaseen, Sk.Imran, T.Kranthi Kumar, K.Sai Kumar, SV.Krishna Reddy, V.Rohit, V.Mariya Raju, B.H.Rama Krishna, V.Bhargav Kumar, K.Yashwanth Sai, A.Purna Kishore, GVSHMM.Gupta, M.Srikanth, Md.Ibrahim, P.Anil, V.Vasudev Rao, M.Puneeth, Md.Amzad, B.Saran, BAV.Prasad, BV.Vivek,P.Mouli Kumar of IV B.Tech has participated in Technical Quiz on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- iv. GBNS.Akshay Kumar,N.Vishnu, YPV.Satyanarayana, V.Bala Satya Nagesh, U.Lova Appa rao, P.Sai Phani Ram, of III B.Tech has participated in Technical Quiz on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.
- v. B.V.Ravi Teja,D.Chandra Sekhar, B.Kalyan Babu, K.Anjaneyulu,N.Someswara Rao, G.Jagadeesh, P.Bharani, Ch,Bhanu Akhil, N.Venkateswara Rao, A.Narendra, P.Vamsi Raj Kumar, K.Siva Krishna, M.Pavan Kumar, K.L.Narayana, A.Manoj Kumar, Y.Sai Kumar, K.Tarun Brahma Reddy, G.V.Nagarjuna, J.Haritha, B.Pujitha, of II B.Tech has participated in Technical Quiz on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2017.

- vi. B.Manish Chandra,D.Lokeshwar,N.V.Krishna Sai,J.Hema Krishna, N.Govardhan, PVS.Sunil,A.Naga Raviteja, D.Prudhvi Raju, S.Siva Hemanth,A.Venkata Jayasri, P.Bhanu Sri, U.Devi Sushma, of I B.Tech participated in Technical Quiz on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2017.

5. Project Expo:



- i. K.Ranga Raju, and K.Siva Rama Krishna of IV B.Tech. participated in Project Expo and won the 1st prize on Engineers day organized by ISTE Student Chapter at P.V.P.Siddhartha Institute of Technology, Kanuru,Vijayawada on 15th September, 2017.
- ii. Md.Abhas, and P.Krishna Shashanka of II B.Tech. participated in Technical Quiz and won the 2nd prize on Engineers day organized by ISTE Student Chapter at PVP Siddhartha Institute of Technology, Vijayawada on 15th September, 2017.