

DEPARTMENT OF MECHANICAL ENGINEERING

“NEWS LETTER”

July-December, 2016



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:

- i. Department of Mechanical Engineering organized a Guest Lecture “ADVANCES IN CUTTING TOOL MATERIALS” on 11.07.2016 for faculty and IV-B. Tech ME students at our institution by Dr. A.VENU GOPAL, Professor, Dept of Mechanical Engg., National Institute of Technology, Warangal.



- ii. III.B.Tech Mechanical engineering students visit to MSME Industrial exhibition on 15.07.2016, Autonagar, Vijayawada.





- iii. Department of Mechanical Engineering organized a Guest Lecture on “**ADVANCED MANUFACTURING PROCESSES**” by Dr. N RAMESH BABU, Professor, Dept of Mechanical Engg., Indian Institute of Technology, Madras. on 16.07.2016.



- iv. Department of Mechanical Engineering organized a Interactive session for faculty by Dr. N RAMESH BABU, Professor, Dept of Mechanical Engg., Indian Institute of Technology, Madras. on 16.07.2016.

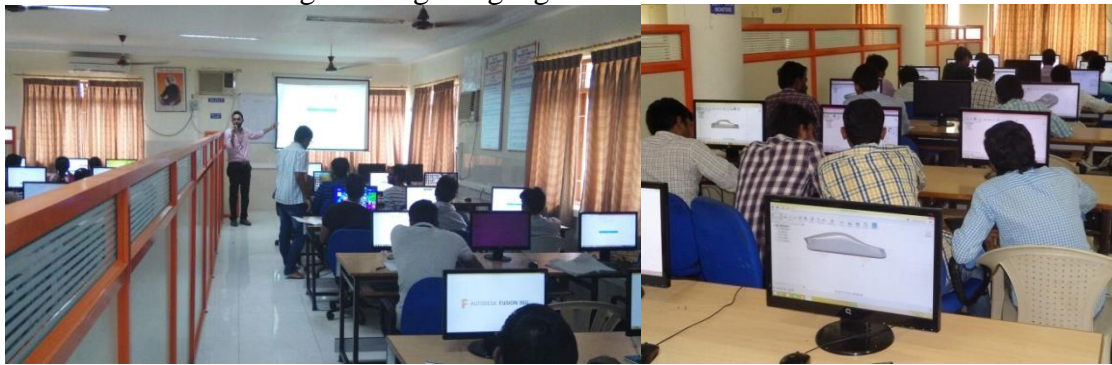


- v. Department of Mechanical Engineering organized a orientation programme “**GOAL SETTING**” by.Mr.P .GIRIDHAR. Senior Engineer, Ida Bollaram, Hyderabad., Mr.V . SESHASAI. Software engineer,Fidelity investment Chennai.and Mr.S N R HARSHA Innominds,Software engineer-UI,Hyderabad on 03.08.2016.





- vi. The Guest Lectures & Seminars Committee of Mechanical Engineering Department had arranged a Workshop on “**AUTO DESK FUSION 360**” by Mr. Shareef (Senior technical trainer ICTACT, Perungudi, Chennai) on 30.08.2016 for IV-B.Tech Mechanical Engineering students at our institution in the Programming Languages Lab.



- vii. The Guest Lectures & Seminars Committee of Mechanical Engineering Department had arranged a Workshop on “**AUTO DESK FUSION 360**” by Mr. Shareef Senior technical trainer ICTACT, Perungudi, Chennai on 03.09.2016 for III-B.Tech Mechanical Engineering students at our institution in the Programming Languages Lab.



- viii. Department of Mechanical Engineering organized a Guest Lecture on **“ENGINEERING DRAWING AND ITS APPLICATIONS”** for I-B. Tech ME students in morning session (10:00 AM to 12:00 Noon) and **“A Talk on THEORY OF MACHINES AND JOB OPPORTUNITIES FOR MECHANICAL ENGINEERS”** for III- B.Tech ME students in afternoon session (2:30PM to 4:30PM) on 06.09.2016 at our institution in the ground floor seminar hall by Dr. B.V.R.GUPTA, Formerly Professor & Dean, Andhra University Engineering College, Visakhapatnam.



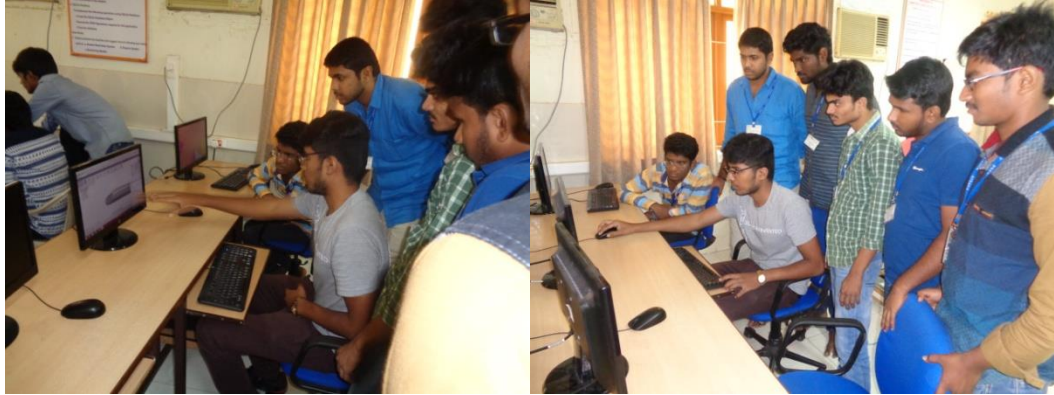
- ix. Department of Mechanical Engineering organized a Interactive Session on **“HOW TO PLAN FOR HIGHER EDUCATION IN ABROAD”** for III-B. Tech ME students on 08.09.2016 at our institution in Ground floor seminar hall by Mr. TNK Chaitanya, Alumni of this college, Pursuing M.S in Nano Technology, West Michigan University, U.S.A.



- x. Mechanical Engineering Department had Inaugurated **“SAE INDIA-PVPSIT COLLEGIATE CLUB”** on 07.10.2016 at our institution in the Auditorium.



- xi. The Guest Lectures & Seminars Committee of Mechanical Engineering Department had arranged a Workshop on **“AUTO DESK FUSION 360”** by Mr. Mohammad Zijah (Technical trainer, AUTO DESK, Gujarat) on 21.10.2016 for III-B.Tech Mechanical Engineering students at our institution in the Programming Languages Lab.



- xii. Entrepreneurship Development Cell (EDC) PVPSIT had arranged an **“ENTREPRENEURSHIP ORIENTATION PROGRAMME”** in Collaboration with National Small Industries Corporation(NSIC), Hyderabad on 25.10.2016 from 10:00 AM to 4:00 PM for III.B.Tech Mechanical Engineering Students at Ground floor seminar hall PVPSIT.



- xiii. The Guest Lectures & Seminars Committee of Mechanical Engineering Department had arranged a Guest Lecture on **“APPLICATIONS OF UNMANNED AERIAL VEHICLES (Drones)”** by Mr.B. Bhargava Ramana, Chief Executive Officer, Maruthsakra Aerospace & Aviation Pvt. Ltd, B. Narayanapura, Bengaluru, on 03.11.2016 for III -B. Tech Mechanical Engineering students and staff at our institution in the Ground floor Seminar hall from 3:30PM to 4:30PM.



- xiv. SAGTE Two Day FDP on “POWDER METALLURGY & PARTICULATE MATERIALS FUNDAMENTALS AND INDUSTRIAL APPLICATIONS” organized by Department of Mechanical Engineering by Prof. P. Ramakrishnan, Professor Emeritus, I.I.T., Bombay; formerly, Professor & HOD of Metallurgical Engineering Department, IIT, Bombay., Dr. Murali Krishnamoorthy, Proprietor of Novoken Innovations, Mumbai, Life member and Treasurer of Powder Metallurgy Association of India., Dr. T.R. Rama Mohan, Retired on superannuation as Professor and In-Charge, Powder Metallurgy & Ceramic Laboratories, Department of Mechanical Engineering and Material science, IIT, Bombay., Dr. Deep Prakash, Scientific officer in Energy Conversion Material Section, BARC. From 10.11.2016 to 11.11.2016 at our institution in the Ground floor Seminar hall.



- xv. DST sponsored A Two day National Seminar on ADDITIVE MANUFACTURING AND 3-D PRINTING organized by Department of Mechanical Engineering by Dr. Padmanabham, Director, ARCI, Hyderabad., Dr. K.P. Karunakaran, Professor, Department of Mechanical Engineering, IIT, Bombay., Dr. Prasanth Kumar Jain, Associate Professor, Department of Mechanical Engineering, IIT, Jabalpur., Mr. L. Jyothish Kumar, Founder & CEO, Rapitech Solutions, Bengaluru., From 18.11.2016 to 19.11.2016 at our institution in the Ground floor Seminar hall.



- xvi. SAGTE sponsored a Two Day Workshop on **HANDS ON PRACTICE ON CNC MACHINES** organized by Department of Mechanical Engineering by Smt.E. Kavitha, Assistant Professor, Sri. G. Basla Krishna, Assistant Professor, Smt. KIV Vandana, Assistant Professor, Smt. M. Rajyalakshmi, Assistant Professor and Smt. Naga Swapna sri, Assistant Professor, Mechanical Engineering Department of PVPSIT, from 08.12.2016 to 09.12.2016 at our institution in the Ground floor Seminar hall.





- xvii. The Guest Lectures & Seminars Committee of Mechanical Engineering Department had arranged a Workshop on “**AUTO DESK FUSION 360**” by Mr. Md. Shareef, ICTACT, Perungudi, Chennai on 22.12.2016 for III-B.Tech Mechanical Engineering students at our institution in the Programming Languages Lab.



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

- i. M. Radha Devi has undergone Faculty Industrial Training Programme on “Design and 3D printing of Housing for LED Corridor Lamp” at Efftronics Systems Pvt.Ltd, Vijayawada from June 03rd – 02nd July 2016.
- ii. Dr. K. Srividya , E. Kavitha ,P. Ravi Kumar , Sd.Abdul Kalam,G.Bala Krishna, P.Anusha ,M. Naga Swapna ,Sri K.I.V.Vandana, T.Srinag, M.Radha Devi, M.Somaiah Choudary has participated in a Two Day National Seminar on “ Recent Innovations in Composite Materials” at V.R.Siddhartha Engineering College from 22nd -23rd September,2016.
- iii. P.Mastan Rao has participated in ‘A Two day National Seminar on March to Make in India through Engineering Advancements (MMIEA)’ at R.V.R. &J.C College of Engineering from 29th -30th Sep, 2016.
- iv. E. Kavitha, P.Anusha, M. Naga Swapna, Rajya Lakshmi has participated in a Two Day National Seminar on “Challenges and Opportunities in Renewable Energy Collection and Utilization” at V.R.Siddhartha Engineering College from 29th -30th September, 2016.

- v. Ch.Lakshmi Kanth, P.Gopala Krishnaiah has participated in an AICTE Sponsored Short Term Course on “ Optimization for Engineering Design” at IIT Madras from 26th Sept -01st Oct, 2016.
- vi. G.Bala Krishna, A.Shourya has participated in the Three day workshop on “Nano- structured materials and their applications in Catalysis & Fuel Cells” at National Institute of Technology Karnataka, Surathkal from 29th Sep – 1st Oct, 2016.
- vii. Dr. K.SriVidya, and E.Kavitha participated in International Conference on “Condition Monitoring(ICCM)” at Gitam University,Visakhapatnam from 26th -27th October, 2016.
- viii. Ch.Lakshmi Kanth, and P.Gopala Krishnaiah participated in an AICTE Sponsored Short Term Course on “ Optimization for Engineering Design” at IIT Madras from 26th -01st October, 2016.
- ix. P.Phani Prashanthi, and M.Mounika participated in a short term training programme on “Polymer Composites and Nanocomposites” at NITTR Kolkata from 24th -28th October, 2016.
- x. 33 members of the faculty participated in a Two- Day FDP on Powder metallurgy and particulate materials fundamentals and industrial applications organised by the department of Mechanical Engineering, on 10th and 11th November, 2016 at P.V.P.Siddhartha Institute of Technology,Kanuru,Vijayawada.
- xi. 33 members of the faculty participated in a DST sponsored Two-day National Seminar on 'Additive Manufacturing and 3-D Printing' organized by Department of Mechanical Engineering on 18th and 19th November, 2016 at P.V.P.Siddhartha Institute of Technology, Kanuru,Vijayawada.
- xii. P.Mastan Rao participated in an AICTE sponsored short term course on “Advanced IC Engine Technologies” at IIT Madras from 21st – 26th November, 2016.
- xiii. 30 members of the faculty participated in a Two-day Workshop on “ Hands-on Practice on CNC Machines” organized by the department of Mechanical Engineering, on 8th and 9th December, 2016 at P.V.P.Siddhartha Institute of Technology,Kanuru,Vijayawada.
- xiv. K.Nagendra Prasad, K.Suresh, D.Uma Maheswara Rao, P. Satyanarayana Murthy, SVR. Chaitanya, P. Rama Krishna Rao, G. Rajendra Prasad, G. Venkateswara Rao, Md.Asif Pasha, T.Naresh, G.Ramesh, N.Raghava Rao participated in a Two-Day Workshop on “ Hands-on Practice on CNC Machines” organised by the department of Mechanical Engineering on 8th and 9th December, 2016 at P.V.P.Siddhartha Institute of Technology,Kanuru,Vijayawada.
- xv. P.Anusha participated in the International Conference on Advanced Material Technologies(ICAMT)-2016 and presented a paper: “ Experimental Investigation of COP using Hydro Carbon Refrigerant in a Domestic Refrigerator at Dadi Institute of Engineering & Technology(DIET),Visakhapatnam on 27th and 28th December, 2016.

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

International Journals:

Scopus indexed:

- i. Dr B Raghu Kumar published a paper entitled, "Finite Element Modelling of A Turbine Blade To Study The Effect Of Multiple Cracks Using Modal Parameters", Journal of Engineering Science and Technology", Vol. 11, No. 12, Nov - 2016, 1758 - 1770.

Non - Scopus indexed:

- i. M.V.H.Satish Kumar, "Performance Analysis of Cooling Tower", International Journal of Engineering Trends and Technology, ISSN: 2231-5381, Vol 38 No. 9 August 2016 Page 442.
- ii. MVH Satish Kumar, " Measurement of Air flow requirement, Alter the fan blade angle for optimum performance and energy consumption of a cooling tower", International Journal of Innovations in Engineering and Technology, ISSN: 2319-1058, Volume 7, Issue 2, August 2016
- iii. KIV Vandana, M. Rajyalakshmi, M. Swathi Manasa, and P. Ramys Sri published a paper entitled, "Waste To Fuel - A Review on Current Work", International Journal for Innovative Research in Science & Technology, ISSN: 2349-6010, Volume 3, Issue 05, October, 2016.
- iv. K. Krishnakanth, Dr.K.Srividya, T.Srinag, "Experimental Characterization of Banana and Americana Hybrid Composite, "Advanced Materials Manufacturing & Characterization" , Vol 6 Issue 2 (2016) Doi: <http://dx.doi.org/10.11127/ijammc> 2016.09.03
- v. Hema Devi and Dr. G. Vijay Kumar published a paper entitled, "Fatigue Performance and damage mechanisms of Reinforced Polymer Composites - A Review "International Research Journal of Engineering and Technology (IRJET) Volume 3, Issue 11, November, 2016.

International Conferences

- i. M. Naga Swapna, V. Chittaranjan Das, M. Gopi Krishna, NRM R Bhargava, "Fabrication and Microstructural Studies of Copper Particulates Reinforced Al- Si Alloy Composites" International Conference on Advancements in Aeromechanical Materials for manufacturing, July 7th to 9th, 2016, MLR Institute of Technology.
- ii. Sasidhar Jangam, A. Hema Devi, S. Raja , K. Hemachandra Reddy , G. Vijay Kumar, "The Tensile Fatigue Behavior of Aligned MWNT/Epoxy Nanocomposites", 2ND INTERNATIONAL CONFERENCE ON FATIGUE, DURABILITY & FRACTURE MECHANICS, 28-30th September 2016, Indian Institute of Science, Bangalore, India
- iii. K. Krishnakanth, Dr. K. Srividya, Ch. Mohan Sumanth, Ch. Kishore Reddy presented a paper entitled, "Prediction of mechanical properties of banana and americana hybrid composite", in the International conference on 'Signal Processing, Communication, Power and Embedded System' (SCOPEs), on 5th October, 2016, at Centurian University, Odissa.

- iv. Mounika Movva, Govind N., Ravindra K. Presented a paper on “Characterization of Green Gram Husk Cellulose Based Polyester Nanocomposite”, All India Manufacturing Technology, Design and Research Conference, AIMTDR, College of Engineering Pune from 16th-18th December, 2016.
- v. Anusha Peyyala, NVVS Sudheer, presented a paper “Experimental Investigation of COP using Hydro Carbon Refrigerant in a Domestic Refrigerator”, International Conference on Advanced Material Technologies, Dadi Institute of Engineering & Technology, Visakhapatnam on 27th and 28th December, 2016.

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

- i. The Following faculty Members got certificated In Various NPTEL Courses:
Dr. K. Srividya , Ch. Lakshmi Kanth , Ch. Vidya , Ch. Kishore Reddy , K. Sriram Vikas
- ii. Dr.B.Raghu Kumar has delivered an Orientation Lecture on “Mechanics of Solids-Making it simpler and easier for students learning and practice” at Nova College of Engineering & Technology, Ibrahimpatnam on 2nd September, 2016.
- iii. P.Srikanth, K.Sri Ram Vikas acted as Judge for Jnana Vigna Mela-2016 at Sri Vijnana Vihara English Medium High School on 15th September,2016.

5. Industrial Visits:

S.No	Year of Study	Name of the Industry Visited	Date(s) of visit
1	II(section-1) B.Tech I semester	Kristna Engineering works, Vijayawada.	07-09-2016
2	II(section-2) B.Tech I semester	Kristna Engineering works, Vijayawada.	09-09-2016
3	III(section-1) B.Tech I semester	CIPET, Vijayawada.	08-11-2016
4	III(section-2) B.Tech I semester	CIPET, Vijayawada.	09-11-2016
5	II(section-1) B.Tech II semester	G.S. Alloy Castings, Vijayawada.	22-12-2016
6	II(section-2) B.Tech II semester	G.S. Alloy Castings, Vijayawada.	23-12-2016

7. MOUs Signed:

The department of ME signed MOUs with:

1. CIPET, Vijayawada, AP.
2. Future NDT, Vijayawada, AP.

8. Students' achievements:

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

- i. C.N.V.S.Vara Prasad, D. Siva Sai Krishna , D.Akhil Babu, E.Aravind, G.Giridhar, K.Ravi Kiran of IV B.Tech has undergone Internship at Mitra Auto Agencies,Vijayawada from 8th – 22nd August 2016.
- ii. K.Siva Rama Krishna, K.Ranga Raju, K.Yashwanth Sai of III B.Tech has undergone Internship at Mitra Auto Agencies,Vijayawada from 8th – 22nd August 2016.
- iii. J.Narasinga Rao of III B.Tech has undergone Internship at Vizag Steel Plant, Visakhapatnam from 11th- 25th August 2016.
- iv. T.Yashwanth Varma, N.S.G.R.S.Siddhartha of IV B.Tech has undergone Internship at Mitra Suzuki,Vijayawada from 11th – 25th August 2016.
- v. A.Madhava Sai Swamy, Ch.Nirosha, C.Durga Manasa of IV B.Tech has undergone Internship at Mitra Service Center,Vijayawada from 15th – 22nd August 2016.
- vi. N.S.P.Sruthi of III B.Tech has participated in Engineers day and presented a Technical Paper on “Hybrid Cars” and **won 1st prize** at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- vii. K.Bal Bhaskar of IV B.Tech has participated in Engineers day and presented a Technical Paper on “Solar Energy” and **won 2nd prize** at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- viii. M.Srikanth of III B.Tech has participated in Engineers day and presented a Technical Paper on “Solar Energy” and **won 3rd prize** at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- ix. Ch.Rakesh of III B.Tech has participated in Engineers day and presented a Technical Paper on “Unprinting” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- x. N.Bhavani& G.Sai Rani of III B.Tech has participated in Engineers day and presented a Technical Paper on “Free Vibration of Thick Rectangular fully bonded Metallic Parts” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xi. Suresh Datta& M.Naveen of III B.Tech has participated in Engineers day and presented a Technical Paper on “Free Vibration of Thick Rectangular Partially bonded Metallic Parts” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.

- xii. Aamir Fahed of III B.Tech has participated in Engineers day and presented a Technical Paper on “Machine & Mechanism” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xiii. P.Sumithra of III B.Tech has participated in Poster Presentation on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xiv. B.Mark Kenneth of IV B.Tech has participated in Engineers day and presented a Technical Paper on “Electronic Waste Recycling” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xv. A.Naveen Varma of IV B.Tech has participated in Engineers day and presented a Technical Paper on “Scramjet Engine Test” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xvi. B.Yashwanth of IV B.Tech has participated in Engineers day and presented a Technical Paper on “An Introduction to Magnetic Refrigeration” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xvii. V.Nithin Kumar Varma of IV B.Tech has participated in Engineers day and presented a Technical Paper on “Brief Description on Bearings” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xviii. Sai Prazwal of III B.Tech has participated in Engineers day and presented a Technical Paper on “Diesel Gate” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xix. B.Jagath Kumar of IIB.Tech has participated in Engineers day and presented a Technical Paper on “Thermal Power Plant” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xx. A.Anil & B.Kranthi of III B.Tech has participated in Engineers day and presented a Technical Paper on “Rapid Solidification Process” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xxi. Sumanth of I B.Tech has participated in Engineers day and presented a Technical Paper on “Working of Machine Gun” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xxii. S.Vamsi Krishna of I B.Tech has participated in Engineers day and presented a Technical Paper on “Exo skeleton” at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- xxiii. D.Siva Sai Krishna of IV B.Tech has participated in Design contest on Engineers day and **won 1st prize** at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxiv. L.Naveen of III B.Tech has participated in Design contest on Engineers day and **won 2nd prize** at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxv. Md.Ahmed Hussain of III B.Tech has participated in Design contest on Engineers day and **won 3rd prize** at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.

- xxvi. B.Hari Rama Krishna of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxvii. S. Vamsi Krishna of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxviii. K.Bala Bhaskar of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxix. A.Anil of IV B.Tech has participated in Design contest on Engineers day and at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxx. K.Siva Rama Krishna of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxi. A.Krishna Vaibhav of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxii. A.Madhava Sai Swamy of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxiii. B.Kranthi Kumar of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxiv. K.Mohan Sai of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxv. V.Anusha of II B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxvi. Md.Ibrahim of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxvii. J.V.Sai Ram of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxviii. N.S.G.R.S.Siddhartha of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xxxix. S.Devi Priyanka of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xl. P.Sumithra of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xli. Md.Arif Khan of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xlii. D.Vinay Kumar of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xliii. J.Manideep of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2015.
- xliv. G.V.S.H.M.M Gupta of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.

- xliv. P.M.S.Sai Prasad of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xlvi. P.Madhu Sudhana Rao of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xlvii. M.Srikanth of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xlviii. P.Raju of III B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
- xliv. Sk.Nazeer of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
 - i. M.Gopala Krishna of IV B.Tech has participated in Design contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
 - ii. M.Rama Seshu, M.Puneeth,N.Bhavani,P.Sai Ram, V.Venkata Siva Kiran of III B.Tech has participated in Project Expo on Engineers day and **won 1st prize** at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
 - iii. Sk.Nazeer, P.Raju, S.Sree Harsha of III B.Tech has participated in Project Expo on Engineers day and **won 2nd prize** at P.V.P.Siddhartha Institute of Technology, Kanuru, and Vijayawada on 15th September, 2016.
 - iiii. K.Siva Koteswara Rao, S.Vamsi Krishna, P.Sai Phani Ram, N.Venkateswara Rao has participated in Quiz Contest and **won 1st Prize** on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
 - lv. D.Siva Sai Krishna, Md.Ibrahim, Sk. Sabir Hussain, K.Venkata Naga Sai has participated in Quiz Contest and **won 2nd Prize** on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
 - lvi. K. Mohan Sai, B.Hari Rama Krishna, P.Naga Sabari has participated in Quiz Contest and **won 3rd Prize** on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
 - lvii. R.Anoop,Md.Yaseen,K.Venkata Krishna, K.Tarun Brahma Reddy has participated in Quiz Contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
 - lviii. S.Sree Harsha, B.Kranthi Kumar, V.Anusha has participated in Quiz Contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
 - lix. J.V.Sai Ram,N.S.P.Sruthi,Ch.Sumanth has participated in Quiz Contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
 - lx. N.VenkateswaraRao,N.Tarun,G.V.Nagarjuna,V.R.S.S.Sumanth,PruthviRaj,R.SaiSridhar, A.Manoj Kumar, A.Narendra, A.Bala Rama Krishna,P.Bharani Preetham,M.Sai Mukesh, V.Sai Harsha Vardhan, K.Sai Kashyap,N.Akhil Chowdary, of I B.Tech has participated in Quiz Contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.

- lxi. K.Venkata Krishna,P.S.Phani Ram,V.Anusha,S.Prudhvi Teja,Y.V.N.Guru Pavan,L.Venkata Teja,Ch.Prudhvi Gautham,P.V.Rama Kiran, of II B.Tech has participated in Quiz Contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- lxii. S.VamsiKrishna,B.KranthiKumar,N.Bhavani,M.SaiDivya,J.Tejaswini,M.RamaSeshu,P.LaluKris hna,K.RangaRaju,P.M.S.SaiPrasad,N.V.L.Ramya,K.AdithyaPrasad,K.SivaRamaKrishna,S.Rahul ,T.ChinniKrishna,V.ChandraPrakash,P.Sumithra,T.VinodKumar,P.Ajay,V.Vasu,P.SrnivasaRao, K.Nithin,P.SasiKumar,V.Lakshmi,S.Dhruva Sree,V.K.G.Rama Krishna Naik , Aamir Fahed,M.Puneeth,V.Udaya Bhaskar,G.V.Sai Kumar, Sk.Nawaz, V.Kalyan Venkata Srinivas,P.Yaswanth,A.Anil,K.Eshwar Sai Charan of III B.Tech has participated in Quiz Contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- lxiii. Ch.N.V.S.Vara Prasad,P.Raju,K.Bala Bhaskar,G.Sandeep,A.Trinadh,Mohan Kumar,A.Devi Vara Prasad,B.Manikanth,J.Manideep,K.Vamsi,B.Ajay Babu, K.Sravanth,G.Harhara,R.Mani Sai Kumar,B.Prasad,B,Mark Kenneth,D.Vinay Kumar,Ch.Jayanth,B.Yashwanth,I.Ravi Teja,G.SivaDurgaRao,B.SivaRamaiah,G.Ramya,K.ChennaKesavaRao,K.M.S.V.Manikanta,Sk.N azeer,K.NagaPavanKumar,K.Santhi,A.NaveenVarma,D.Akhil,Ch.VenkataVamsi,V.Subba Reddy,A.Satish,K.Sanjay,G.Srikanth,Ch.Nirosha,g.Sarishma,E.Aravind of IV B.Tech has participated in Quiz Contest on Engineers day at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada on 15th September, 2016.
- lxiv. Sk.Aamir Fahed of III B. Tech. participated the FTAD Event and got the 1st prize at ATMOS 2016, the National Techno-Management festival at BITS Pilani Campus, Hyderabad Campus from 14th -16th October, 2016.
- lxv. M.Srikanth, S.Vamsi Krishna of III B.Tech participated and presented a Technical paper on “ Rapid Solidification of Light Alloys(Al&Mg)” and won the 1st Prize at ISTE TS & AP Students’ Convention-2016 and Magistech-2016, a two day National Level Technical Symposium for Engineering students at Mahatma Gandhi Institute of Technology(MGIT), Hyderabad on 27th and 28th October, 2016.
- lxvi. M.Puneeth, V.V.S.Kiran of III B.Tech has participated and presented a Technical paper on “ Agro Quad” and won the 2nd Prize at ISTE TS & AP Students’ Convention-2016 and Magistech-2016, a two day National Level Technical Symposium for Engineering students at Mahatma Gandhi Institute of Technology(MGIT), Hyderabad on 27th and 28th October, 2016.
- lxvii. S. Prazwal of III B.Tech participated and presented a Technical paper on “ Diesel Gate” and won the 3rd Prize at ISTE TS & AP Students’ Convention-2016 and Magistech-2016, a two day National Level Technical Symposium for Engineering students at Mahatma Gandhi Institute of Technology(MGIT), Hyderabad on 27th and 28th October, 2016.
- lxviii. 27 Students got Certified In NPTEL Courses in different Subjects.
- lxix. III/IV B. Tech. Student, Mr.Kethineni Ranga Raju, 14501A0350 got certified in NPTEL Course “Manufacturing Process Technology –II ” With “Elite With Gold Medal” by Scoring 98%.

- lxx. S.Sree Harsha, N.Siddhartha, and T.Yashwanth Varma of IV B. Tech. participated in Gora Science Exhibition, and presented a model on “Importance of Colour in Radiation” from 6th -8th December, 2016.
- lxxi. K.Eswar, and B.Jagadeep of IV B. Tech. participated in VIVA VVIT, a two-day National level Techno-cultural fest & presented a model on “Thermo Electric Suit” at Vasireddy Venkatadri Institute of Technology (VVIT) on 21st and 22nd December, 2016.
- lxxii. K.Eswar, J.V.Sairam of IV B. Tech. participated in a National level Technical symposium SAPIENCE – 2016 & presented a paper on “Fire Fighting Robots” at Sri Vasavi Institute of Engineering and Technology on 23rd December, 2016.
- lxxiii. 51 students of IV B. Tech. participated in a Two-day Workshop on “Application of NDT in Mechanical Industries” at P.V.P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 16th and 17th December, 2016.
- lxxiv. 66 B. Tech. students have participated in NX –Software training till now during the academic year.

9: Others:

A. Sponsored R&D and Consultancy Activities:

- i. A proposal has been submitted to SERB, by Dr. G.Vijay Kumar as P.I and Smt, ch. vidya as Co – PI.
- ii. A proposal has been submitted to SERB, under ECR award scheme, by Dr. B. Raghu Kumar as P.I and Smt, P. Phani Prashanthi as Co – PI.

B. On Going Projects:

S.NO	Funding Agency	Name of the research project	Amount Sanctioned	Suctioned Year	Faculty	Status
1	DRDL (RCI) Hyderabad	Flex seal design	Rs. 9,00,000/-	2015	Smt. P.P.Prasanthi	ongoing

C. Minor Projects Sanctioned By UGC:

S.NO	Funding Agency	Name of the research project	Amount Sanctioned	Suctioned Year	Faculty	Status
1	UGC	Development Of Nano Silver And Nano Copper Reinforced Low Density Polyethylene Antimicrobial Bottles	Rs. 3,00,000	2016	Dr.K.Sivaji Babu	ongoing
2	UGC	Agro Waste Based Nano Composites	Rs. 2,65,000/	2016	Smt. M.Mounika	ongoing

D. Alumni information:

- i. A. Sai Dinesh 2011-2016 Batch student visited the college and interacted with the III year students on 5.11.2016. He got a job in DRDO Bangalore through GATE score. He shared his experiences on how to prepare for competitive exams to the students.
- ii. G.Yugandhar Reddy 2011-2016 Batch student who is presently working as an Software engineer in Altra Infotech visited the college and shared his experiences to the students on 5.11.2016.