



PVPSIT

Department of Mechanical Engineering

NEWS LETTER

January – June, 2019

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The Department of Mechanical Engineering has been in existence ever since the college started in year 1998. Department is affiliated to JNTU since 1998. B. Tech. Program is accredited by NBA-AICTE in May 2007 for 3 years and provisionally accredited for 2 years in June 2012 and is certified by ISO 9001:2008 certification. Once again it is provisionally accredited for 3 years under OBE in the year 2016.

Numerous research papers have been published in National and International Journals and Conferences. The Department arranges guest lectures by eminent professors from India and abroad, scientists from research organizations and experts from industry to bridge the gap between academics and industry. Faculty members are encouraged to improve their academic qualification and to gain experience by attending FDPs, workshops, conferences etc. They are also encouraged to present research papers at workshops and conferences, and to participate in co-curricular and extracurricular activities.

The Department promotes active industry-institute collaboration by organizing workshops and by taking part in sponsored research projects and consultancy services. Visits to the industries for faculty and students are frequently arranged to enhance the practical exposure with the real corporate world. Department also organizes programmes like Alumni interaction sessions with current students and make them familiar with specific market requirements and demands.

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

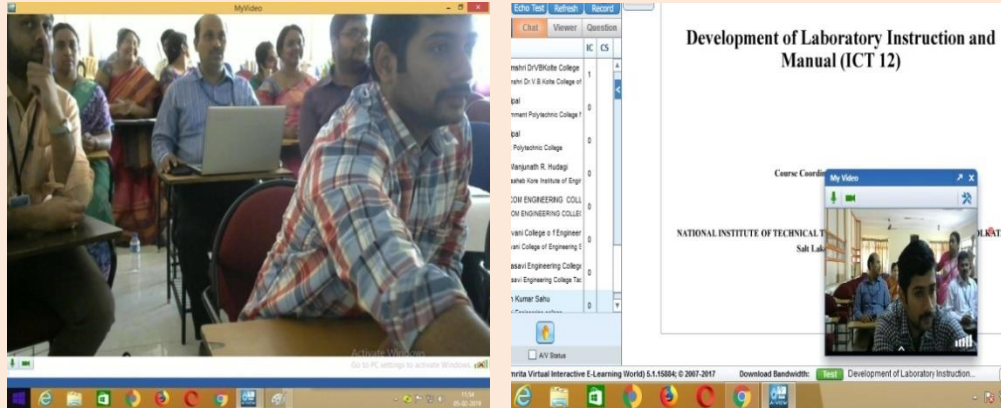
- i. A Seminar on **“Personality Development Programme”** by Prof. V. Viswanadham, M. Com., Ph.D., Retired Professor & Head, Department of Commerce, Osmania University, Hyderabad on 04.01.2019 for II-B. Tech. Mechanical Engineering and Electrical Engineering students and staff.



- ii. A Training Programme on **“Sound & Vibration Analysis using Lab view Software”** by Sri. Balaji T.R, Application Engineer, OPTI THOUGHT, Chennai on 23.01.2019 for Mechanical Engineering staff.



- iii. A workshop on **“Development of Laboratory Instruction and Manual (ICT 12)”** in association with National Institute of Technical Teachers Training and Research (NITTTR), Kolkata, West Bengal, from 04.02.2019 to 08.02.2019 and Course Coordinator cum resource person is Dr. Subrata Mandal from NITTTR. The Department coordinators are Dr. P. Phani Prasanthi, Associate Professor and Mr. N. Raghu, Assistant Professor.



- iv. A One-week Faculty Development Programme on “**Fatigue Failure of Engineering Materials**” from 18.02.2019 to 23.02.2019 sponsored by SAGTE and resource persons were Dr. V. Upendranath, Formerly Principal Scientist and Head-IVHM, National Aerospace Laboratories, Bangalore, Dr. N. Narasaiah, Professor, Department of Metallurgical & Material Engineering, National Institute of Technology, Warangal, Telangana, Dr. Nimai Mishra, Assistant Professor & Faculty Coordinator, Department of Chemistry, SRM University-A.P. Amaravati, Vijayawada, Sri. R. Ganesh, Lead Engineer, Innovent Engineering Solutions, Bangalore, Dr.B.Raghu Kumar, Professor, Sri. U. Koteswara Rao, Associate Professor, Department of Mechanical Engineering, PVPSIT, Vijayawada.



- v. A Seminar on **“Leaving No one Behind”** in association with The Institution of Engineers (India) by Sri. Ch. Kishore Reddy, Assistant Professor, Department of Mechanical Engineering, PVPSIT on World Water Day 22.03.2019 for II-B. Tech. Mechanical, Civil and Freshman Engineering students and the staff.



- vi. A Two-day **National Conference** on Recent Advances in Mechanical Engineering and Material Characterization (NCRAMEMC-2019) on 15.03.2019 and 16.03.2019 organized by Department of Mechanical Engineering sponsored by Siddhartha Academy of General and Technical Education, Vijayawada.



- vii. A Guest Lecture on **“Necessity of Green Buildings”** by Ms. Saandepani Vajje, IGBC member and Vice-Chairman of ISHRAE Women’s wing of Vijayawada chapter for III & IV B. Tech. students and the staff on 04.06.2019 at PVPSIT.



- viii. A Two-week AICTE sponsored FDP on '**Green and Sustainable Technologies for Materials**' by Dr. G.S. Dangayach, Department of Mechanical Engineering, MNIT, Jaipur., Dr. P.N. Rao, Professor, Department of Technology, University of Northern Iowa, Cedar Falls., Dr. Nimai Mishra, Assistant Professor, Chemistry, SRM University, Andhra Pradesh and Dr. Harlal Singh, Associate Professor, Department of Mechanical Engineering, MNIT, Jaipur from 10.06.2019 to 22.06.2019 which was coordinated by Dr. M.S.R. Niranjan Kumar, Professor.



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

- i. Dr B.Raghu Kumar participated and presented a paper titled, "Preparation and Characterization of Carbon/Epoxy Towpreg Composite Material in the International Conference on Recent Advances in Materials, Manufacturing & Energy Systems (ICRAMMES-2019)" at V.R.Siddhartha Engineering College from 3rd- 4th January,2019.
- ii. N.Raghu Ram, and K.Sriram Vikas participated in the AICTE sponsored One- week QIP Short Term Course on "Analysis of Modern Manufacturing Processes" at IIT Bombay from 7th - 11th January, 2019.

- iii. Dr.K.Sri Vidya, K.I.V.Vandana, Dr.K.Ravi Prakash Babu, and P.Mastan Rao participated in the National Workshop on “Mechanical and Tribology Behaviour of Advanced Composites” at NIT Warangal from 21st – 25th January, 2019.
- iv. M.Naga Swapna Sri, P.Anusha, Ch.Kishore Reddy, and P.Srikanth participated in a One-Week Faculty Development Program on “Recent Advances in Metal Matrix Composites & High Entropy Alloys” at University College of Engineering & Technology, Acharya Nagarjuna University, Guntur District from 21st – 25th January, 2019.
- v. T.Srinag, and Ch.Mohan Sumanth participated in the AICTE sponsored QIP-Short Term Course on “Recent Advances in Casting and Welding” at IIT(BHU),Varanasi from 22nd to 28th February, 2019.
- vi. All the faculty members of ME participated in a One-Week Faculty Development Programme on“Fatigue Failure of Engineering Materials” organised by the department of Mechanical Engineering from 18th to 23rd February, 2019 at PVP Siddhartha Institute of Technology, Kanuru,Vijayawada.
- vii. E. Kavitha, and P.Anusha participated in the Faculty Development Programme on “Modern Pedagogical Techniques and Creative Problem Solving” organized by IQAC Cell in association with Teaching Learning Center of Indian Institute of Technology, Hyderabad at V.R.Siddhartha Engineering College from 15th – 17th April, 2019.
- viii. U.Koteswara Rao, Dr.K. Srividya, E. Kavitha, P. Ravi Kumar, Sd.Abdul Kalam,Dr.P.PhaniPrasanthi,Dr.K.Ravi Prakash Babu,P.Anusha, G.Bala Krishna, M.RajyaLakshmi, KIV.Vandana,N.Raghu Ram, P.Srikanth, M. Naga Swapna Sri, K.Venkata Rao,Ch.Kishore Reddy, T.Srinag, P.Mastan Rao, K. Sri Ram Vikas Ch.Mohan Sumanth, P.Gopala Krishnaiah, Ch.Vidya, M.Somaiah Chowdary,M.Radha Devi,T.J.Prasanna Kumar successfully completed the Short Term Training Programme through ICT Mode on NBA Accreditation conducted by National Institute of Technical and Research, Kolkata and organized by P.V.P.Siddhartha Institute of Technology from 22nd to 26th April, 2019.
- ix. K.Sriram Vikas participated in the National Workshop on “Interdisciplinary Translational Research in pursuit of better healthcare” at Dr.Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation from 24th to 25th April, 2019.
- x. U.Koteswara Rao participated in the Applied Robotics Control Lab Faculty Development Program under the initiative of Indo European Skilling Cluster for Mechatronics and Manufacturing by European Centre for Mechatronics, Aachen/Germany and Andhra Pradesh State Skill Development Corporation, AP,India and successfully executed the assigned industry project tasks and related software implementation at APS GmbH-European Centre for Mechatronics,Germany from 16th to 24th May, 2019.
- xi. K.I.V.Vandana participated in a MeitY, Govt. Of India, sponsored One-week Faculty Development Programme on “ICT in Advanced Manufacturing Engineering” at NIT Warangal from 27th May to 01st June, 2019.

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

International Journals

Scopus indexed:

- i. Anusha Peyyala, and Dr N V V S Sudheer published a paper titled, "Effect of Insulations on Cop in Vapor Compression Refrigeration System" in International Journal of Mechanical Engineering and Technology (IJMET). Volume. 10, Issue 01, January 2019, p. 1201-1208, ISSN Online: 0976-6359.
- ii. K.Sri Ram Vikas, V.S.N.Venkata Ramana, Raffi Mohammed, G. Madhusudhan Reddy, and K. Srinivasa Rao published a paper titled, "Influence of Post Weld Heat Treatment on Microstructure and Pitting Corrosion Behavior of Dissimilar Aluminium Alloy Friction Stir Welds" in Materials Proceedings, Volume 15, Part 1, 2019, pp. 109-118.
- iii. Ch. Jeevan Paul, Dr. K. Srividya, and M. Naga Swapna Sri published a paper titled, "Effect of oil viscosity over critical frequencies in a rotor bearing system" in International Journal of Engineering Research and Technology. ISSN 0974-3154 Volume 11, Number 2, pp. 307-317.
- iv. K. Ravi Prakash Babu, Pothamsetty Kasi V Rao, Md. Abid Ali and B. Raghu Kumar published a paper titled, "Crack Simulations in Shaft-Hub-Blade System using Modal Analysis" in International Journal of Recent Technology and Engineering 8(1), May, 2019, 2646–2650.

Non - Scopus indexed:

- i. Rajyalakshmi Mellacheruvu, Dr. P. Suresh Babu, published a paper titled, "Optimization of process parameters in pocket milling of SAE304 based on tool path strategies using Taguchi method", Trends in Mechanical Engineering & Technology, Vol 8, No. 3, 2018. **UGC approved.**
- ii. U. Koteswara Rao published a paper titled, "Numerical analysis and performance Studies of active repair of the cracked Aluminum panel using piezoelectric Patches" Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6, Issue 1, ISSN: 2349-5162, January 2019, pp388-395, **UGC approved.**
- iii. M. Radha Devi, and N.Ramesh published a paper titled, "Analysis of Thin-walled Laminated Composite I-secton Beams", in Journal of Emerging Technologies and Innovative Research, April 2019, Volume 6, Issue 4. ISSN-2349-5162, UGC approved.
- iv. P Gopalakrishnaiah, N Raghu Ram, K Venkatarao, chkishoreddy, P Srikanth, published a paper titled, "Multi Response Optimization of Process Parameters using Grey Relational Analysis for Material Removal Rate and Kerf Width in Wire Electrical Discharge Machining Process" in Journal of Emerging Technologies and Innovative Research, ISSN-2349-5162, April 2019, Volume 6, Issue 4, UGC approved.

- v. Vidya Ch, P. Phani Prasanthi and K. Sivaji Babu published a paper titled, "Thermo Mechanical Analysis of Composite Cylinder Liners using Finite Element Analysis, Indian Journal of Science and Technology", Vol. 12(19), DOI: 10.17485/ijst/2019/v12i19/144242, May 2019, ISSN: 0974-5645.

International Conferences:

- i. N. Raghuram, K Sri Ram Vikas, P. Prasanthi, and Sastry S. Indrakanti published a paper titled, "Performance of Tungsten and Graphene added Copper Sintered Electrodes in Electric Discharge Machining, Asian Powder Metallurgy Association", PMAI, 19-21 February, 2019, Pune.
- ii. K Sri Ram Vikas, N. Raghuram, V Sundar Sumanth, and Sastry S. Indrakanti published a paper titled, "Hot Pressing of Copper and Copper Based Composites: Microstructure and Suitability as Electrodes for EDM", Asian Powder Metallurgy Association, PMAI, 19-21 February, 2019, Pune.
- iii. K. Sri Ram Vikas participated in the 5th International Conference on Asian Powder Metallurgy held in JW Marriott, Pune organized by Powder Metallurgy Association of India (PMAI) from 18th -21st February, 2019.
- iv. P.Gopala Krishnaiah participated and presented a paper on "Modelling and Optimization of WEDM Parameters using design of experiments" under oral presentation category in the 2nd International Conference on "Computational Methods in Manufacturing (ICCMM2019)" at Indian Institute of Technology, Guwahti from 8th -9th March, 2019.

National Conference:

- i. Dr. K.Srividya, Ch.Mohan Sumanth, M.Somaiah Chowdary has participated and co-authored a paper entitled "Thermal conductivity of fin materials" in the Two Day National Conference on "Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)" at PVP Siddhartha Institute of Technology from 15th -16th March, 2019.
- ii. Sri Ram Vikas K, and N. Raghu Ram participated and co-authored a paper entitled "Rheological Behaviour Of Nano Fluid – A Review" in the Two Day National Conference on "Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)" at PVP.Siddhartha Institute of Technology from 15th -16th March, 2019.
- iii. N. Raghu Ram participated and co-authored a paper entitled, "Optimization Of Turning Parameters With HSS, HCS Tools On Stainless Steel And Phosphor Bronze Materials" in the Two Day National Conference on "Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)" at PVP Siddhartha Institute of Technology on 15th and 16th March, 2019.
- iv. Dr. K.Srividya participated and co-authored a paper entitled, "Nano Fluids-The Next Generation Coolants" in the Two Day National Conference on "Recent Advances in

Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)”at PVP Siddhartha Institute of Technology on 15th and 16th March, 2019.

- v. Dr. K.Srividya, Ch. Mohan Sumanth, and N. Raghu Ram participated and co-authored a paper entitled “Strength Analysis Of Banana And Americana Hybrid Composite” in the Two Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)”at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.
- vi. Dr. B. Raghu Kumar participated and co-authored a paper entitled “Experimental And Theoretical Investigation Of Stress Concentration Effect Under Thermal And Dynamic Loads On High, Intermediate And Low Pressure Turbine Rotors” in the Two Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)”at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.
- vii. K.I.V.Vandana, Ch. Vidya participated and co-authored a paper entitled, “Flat Plate Solar Collectors – A Survey” in the Two Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)”at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.
- viii. P.Anusha, M.N Swapna Sri, and E. Kavitha participated and co-authored a paper entitled, “Optimization Of Process Parameters On Gta Welded Ss316l Plates Using Nitinol As A Filler Material” in the Two Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)”at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.
- ix. P. Srikanth participated and co-authored a paper entitled, “Design And Analysis Of Engine Block” in the Two Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC –19)”at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.
- x. Sri Ram Vikas.K participated and co-authored a paper entitled “New Approaches In Modelling Of FSW Using ABAQUS” in the Two Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC –19)”at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.

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

- i. Dr. G. Vijaya Kumar, Professor & HOD, Department of ME, acted as a judge for Technical paper contest at RK Engineering College, Ketanakonda, Vijayawada on 27.02.2019.
- ii. Dr. B. Raghu, Professor, Department of ME, acted as judge for Paper Presentation and project at Acharya Nagarjuna University, Guntur on 22.03.2019.
- iii. P. Ravi Kumar, Assistant Professor was awarded Ph. D in March, 2019 by JNTUKakinada University.

5. Industrial Visits:

- i. 60 students of III B.Tech visited HAL & Radio Astronomy Center (RAC) Bangalore 04.01.2019 to 10.01.2019.



6. Students selected for GATE/IELTS/GRE/TOEFL and other competitive Examinations:

List of GATE-2019 Qualified students (2018-19):

1. V Sai Geethika (15501A0389) got the Rank: 23852 with the score: 361 (Marks: 35.13)
2. Karri Samadhanam (16505A0311) got the Rank 18768 with the score: 410 (Marks: 39.70)
3. N Sai Ganesh (15501A0363) got the Rank 29533 with the score: 315 (Marks: 30.88)
4. 5 students were qualified for GRE exam.

7. Students' achievements:

a) Literary and Cultural Activities/Academic awards:

- i. A.Naga Sai Kumar of II B.Tech participated in Design contest and **won the 2nd Prize** at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th Feb, 2019.
- ii. K.Bala Sai Narendra, K.V.S.Nishith Kumar, A.Ravi Teja of II B.Tech participated in the event Contraption and **won the 1st Prize** at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- iii. V.Sri Ganesh, V.Sai Madhav, S.Siva Hemanth of II B.Tech participated in the event Contraption and **won the 2nd Prize** at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- iv. P.Bharani Preetham, K.Jagadish, Ch.Bhanu Akhil of III B.Tech participated in the event Technical Quiz and **won the 2nd Prize** at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.

- v. N.Yuva Mani Kumar of II B.Tech participated in the Event Thrust Rocket and won the 1st Prize at the Annual Fest of V.R.Siddhartha Engineering College on 11th February, 2019.
- vi. P.Hemanth Gowd, P.Narayana Rao of II B.Tech participated in the Event Thrust Rocket and won the 2nd Prize at the Annual Fest of V.R.Siddhartha Engineering College on 11th February, 2019.
- vii. N.Yuva Mani Kumar, N.Pavan Krishna of II B.Tech participated in the Jet Propulsion Event in Teckzite'19, A National Level Techno-Management Fest and won the 1st Prize at Rajiv Gandhi University of Knowledge and Technology (RGUKT), Nuzvid on 14th February, 2019.
- viii. G.Ashok Kumar of II B.Tech participated in the event Paper presentation and won the 2nd Prize at VKR Fest-2K19 on 25th and 26th February, 2019 at VKR,VNB & AGK College of Engineering.
- ix. P.V.S.Sunil Bhattar, and P.Nagendra Reddy of II B.Tech participated in the Technical Exhibition Competition at Sapience-2019, A National Level Technical Symposium and won the 1st Prize at Sri Vasavi Institute of Engineering & Technology on 28th February,2019.
- x. A project namely, “Vertical Axis wind turbine with Helical twists” was done by II. B. Tech Mechanical Engineering students’ was shortlisted for SIH grand finale organized by Institute Innovation Counsel MHRD New Delhi.

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

- i. A. Prakash and D. Lokeshwar of II B.Tech participated in the event Technical Paper Presentation and presented a paper on “Thermo Acoustic Refrigeration” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- ii. P. Bharani Preetham, Ch. Bhanu Akhil of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Automated Guided Vehicle Systems” at SITAR-2k19 at PVP Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- iii. B.Chetan, and M.Avinash of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Trending Technologies in Internal Combustion Engines” at SITAR-2k19 at PVP Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- iv. K.Jagadish , and K.Kalyan of III B.Tech. participated in the event Technical Paper Presentation and presented a paper on “Ultrasonic Machining” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- v. P.V.S. Sunil Bhattar, and V. Sai Madhav of II B.Tech participated in the event Technical Paper Presentation and presented a paper on “Hydrogen IC Engines” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.

- vi. Sd. Vali Babu, and R. Dyaneswar of III B.Tech participated in the event, Technical Paper Presentation and presented a paper on “Plastic Welding” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- vii. L.Sai Uma Mahesh, and K. Hemanth Sai of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Binary vapour cycles” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- viii. K.N V Sita Ramanjaneyulu, and Syed Valibabu of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Incineration” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- ix. P.Vamsi Raj Kumar of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Aqua Silencer” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- x. N. Someswara Rao of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Aqua Silencer” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xi. Ch. Sumanth, and G.V. Nagarjuna of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Green Engine Technology” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xii. T. Venkata Sai, and P. Nagendra Reddy of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Wireless Seng-Based Body-Machine Interface for Assistive Technology Devices” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xiii. N. Venkateswara Rao of III B.Tech participated in the event Technical Paper Presentation and presented a paper on “Cryo Car - Liquid Nitrogen Vehicle” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xiv. N. Vishnu Vardhan, and V. Sai Geethika of IV B.Tech participated in the event Technical Paper Presentation and presented a paper on “Virtual Reality” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xv. B.Sai Sundar, and G.Prudhvi of II B.Tech participated in the event Project Expo with title, “Handicapped Wheel Chair” at SITAR-2k19 at PVP. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xvi. E.Rajesh, and G.Ashok Kumar of II B.Tech participated in the event Project Expo with title, “Gas Turbine” at SITAR-2k19 at PVP Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xvii. P.Nagendra Reddy, and P.Nagendra Reddy of II B.Tech participated in the event Project Expo with title, “Food Serving Bot” at SITAR-2k19 at PVP. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xviii. N.Govardhan, and N.Govardhan of II B.Tech participated in the event Project Expo with title, “Power Generation by Speed Breaker” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.

- xix. P.Rakesh, and T.Sriharsha of II B.Tech participated in the event Project Expo with title “Fabrication of stair climbing trolley” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xx. R.Sai Kumar, and B.Jagath Kumar of III B.Tech participated in the event Project Expo with title, “Fabrication of stair climbing trolley” at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xxi. K.Tarun Brahma Reddy, K.Venkata Naga Sai, K.Gopi Krishna, K.Lakshmi Narayana, S.Trinadh Raj, Adithya Raghu Sai Pavan, A.Venkata Jaya Sri, A.Bharathi Lakshmi, Manish Chandra, G.Pranathi, S.Trinadh Raj, Y.Kalyan Sai, T.Arun Kumar, S.Guna Sekhar, P.Tharun Kumar, P.Hemanth Gowd, N.Venkata Krishna Sai, N.Yuva Mani Kumar actively involved in organizing various events at SITAR-2k19 at P. V. P. Siddhartha Institute of Technology, Kanuru, Vijayawada on 08th February, 2019.
- xxii. P.Narayana Rao of II B.Tech participated in a Two Day workshop on Hybrid Vehicle Dynamics & Design at Rajiv Gandhi University of Knowledge and Technology (RGUKT), Nuzvid on 14th February, 2019.
- xxiii. P.Bharani Preetham of III B.Tech participated and presented a paper on “Flex-Fuel Vehicles-The Future Vehicle” at the National Level Technical Paper Presentation contest GECFEST-19, at Gudlalleru Engineering College from 21st – 23rd February, 2019.
- xxiv. M.Avinash of III B.Tech participated and presented a paper on “Trending Technologies in IC Engines” at the National Level Technical Paper Presentation contest GECFEST-19, at Gudlalleru Engineering College from 21st – 23rd February, 2019.
- xxv. Sd.Vali Babu of II B.Tech participated in the event Paper presentation at VKR Fest-2K19 from 25th -26th February, 2019 at VKR, VNB&AGK College of Engineering.
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- xxviii. I.Arun Babu, P.Sai Kumar, K.Pradeep Kumar, G.Satish Babu, S.Snigdha, and KVNS Sudheer Kumar participated in a One-Week Faculty Development Programme on “Fatigue Failure of Engineering Materials” organised by the department of Mechanical Engineering from 18th–23rd February, 2019, at P.V.P.Siddhartha Institute of Technology, Kanuru, Vijayawada.
- xxix. N.Venkateswara Rao, N.Someswara Rao of III B.Tech participated and presented a paper entitled “Thermal conductivity of fin materials” in a Two-Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)” at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.
- xxx. G. Ashok Kumar, and J. Sai Revanth of II B.Tech participated and presented a paper entitled “Nano Fluids-The Next Generation Coolants” in a Two-Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)” at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.

- xxxi. Sd.Valibabu of III B.Tech participated and co-authored a paper entitled “Strength Analysis Of Banana And Americana Hybrid Composite” in a Two-Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)”at PVP Siddhartha Institute of Technology on 15th and 16th March, 2019.
- xxxii. L. Raviteja, K.V.S. Nishith Kumar of II B.Tech participated and co-authored a paper entitled “Flat Plate Solar Collectors – A Survey” in a Two-Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)”at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.
- xxxiii. R.Sai Kumar, and K.Gopi Krishna of III B.Tech presented a paper entitled “Optimization Of Process Parameters On Gta Welded Ss316l Plates Using Nitinol As A Filler Material” in the Two Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC – 19)” at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.
- xxxiv. A.Abhilash, B. Uma sahitya, V.JaswanthBalasai, and D. MadhuSmita of IV B.Tech participated and presented a paper entitled “Design And Analysis Of Engine Block” in the Two Day National Conference on “Recent Advances in Mechanical Engineering & Materials Characterization (NCRAMEMC –19)” at P.V.P.Siddhartha Institute of Technology on 15th and 16th March, 2019.

8. Others:

- i. The Cultural committee of mechanical engineering department organized a Talk on “Market dynamics” by Students' Experience in Interstate Living (SEIL) for II B.tech students on 7th January, 2019.



9. Alumni information:

- i. Dr. K Kiran Kumar (98501A1616) who is working Associate Professor at National Institute of Technology, Warangal interacted with the the students.



- ii. Mr. P Sai Deekshit. (13501A0382) who is as working Executive trainee at Tech Mahindra Pvt LTD, Hyderabad interacted with the the students in February, 2019.



- iii. Mr.P Sairam (13501A0377), working as Senior Scanner technician in AOT at FUTURE NDT, Mumbai has interacted with II B.Tech II sem Sec-2 students and discussed delivered “Carrier orientation talk (opportunities in NDT Sector)



- iv. Mr. M Sai Ram Charan who is working in Wipro limited Banglore as Program Engineer interested with IV B.Tech I Sem I Section Students.



10. Placements:

i. 2 students were selected in KIA motors in off campus drive.

i. A.Anil - 15505A0302

ii. B. Venkata vivek chowdary - 14501A0319

ii. Karri Samadhanam (16505A0311) Joined in M.Tech at IEST, Shibpur, West Bengal.