

# DEPARTMENT OF MECHANICAL ENGINEERING

**“NEWS LETTER”**

*JANUARY-JUNE, 2013*



## **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

• **Workshops/ Seminars/ Guest Lectures/ Training Programmes Conducted in the Department:**

TRAINING PROGRAMMES

1. Training Programme on “ANSYS Software” organized by Department of mechanical engineering from 11-02-2013 TO 22-02-2013 by Sri.U.Koteswara Rao, Smt. S.Sri Lakshmi, Smt.P.Phani Prasanthi Mr. P.Prasana kumar, Smt. M.Mounika faculties of PVPSIT, kanuru,Vijayawada.
2. Two week Faculty Development Programme on **CURRENT TRENDS IN AIRCRAFT MAINTENANCE & FUTURE ENHANCEMENTS** organized by Department of Mechanical & Aeronautical Engineering and sponsored by AICTE, from 17<sup>th</sup> - 29<sup>th</sup> June,2013.

ENTREPRENEURSHIP DEVELOPMENT PROGRAMMES

1. Guest Lecture on “**Entrepreneurship Development programme**” organized by the department of mechanical engineering in association with Industry Institute Interaction & Entrepreneurship Promotion Committee (III & EPC) on 13-03-2013 by Sri P. Subramanyeswara Rao, Assistant director, District Industries Center, Vijayawada; Sri. B. Hema Sundar Assistant director, District Industries Center, Vijayawada; Sri. J.Venkata Satyanarayana Reddy, Managing Director, RK Industries, Vijayawada.



- **Publications by the faculty (National/International Journals/ Conferences):**

International Journals

1. G Dilli Babu, K.Sivaji Babu, B.Uma Maheswar Gowd, “Effect of Machining Parameters on Milled Natural Fiber Reinforced Plastic Composites”, Journal of Advanced Mechanical Engineering 1(2013), pp.01-12. ISSN 2250-3234.
2. V. Bala Krishna Murthy, K. Srividya, M. R. S. Satyanarayana and G. Sambasiva Rao, “Effect of geometric parameters on free vibration analysis of thick fiber reinforced plastic (FRP) skew cross-ply laminate with circular cutout” International Journal of Physical Sciences, ISSN: 1992-1950, Vol 8 Issue 7(2013), pp. 264-271.

- **Workshops/Seminars/Conferences/Faculty Development Programmes attended by the faculty:**

1. K.Sri Vidya has participated in one day workshop on “Thermodynamic solutions and practice using MAT lab” on 18<sup>th</sup> Feb 2013 at Gudlavalleru Engineering College.
2. Dr.G.Vijay Kumar, V.V.Sridhar Raju & S.Sri Lakshmi has attended 1-Day National Workshop on “Advanced trends in IC Engines and combustion” on 28<sup>th</sup> Feb, 2013 at JNTUH College of Engineering, Hyderabad.
3. S.Sri Lakshmi has organized faculty development program (FEA for mechanics of composite materials) on 11<sup>th</sup> Mar 2013 and acted as a resource person at Vignan University, Vadlamudi.
4. Dr. G. Vijay Kumar, M.V.H. Satish Kumar, G. Diwakar , U.Koteswara Rao, V.V. Sridhara Raju, K. Srividya, E. Kavitha, P. Ravi Kumar ,Sd. Abdul Kalam, P. Phani Prasanthi , G.Bala Krishna, P.Anusha, K.I.V.Vandana, P.Madhu Kumar, M.Rajya Lakshmi, P.Srikant , M. Naga Swapna , K.Venkata Rao, N.Raghuram , K.Sowjanya, has participated in a 2-week faculty development program on “Current Trends in Aircraft Maintenance & Future Enhancements” from 17<sup>th</sup> -29<sup>th</sup> June 2013 organised by the department of Mechanical & Aeronautical Engineering, sponsored by AICTE, P.V.P.Siddhartha Institute of Technology.

- **Students achievements:**

1. K.Mukunda & B.Mounika of II B.Tech has participated and presented a paper on “Renewable Energy Resource Geothermal Energy” in the Two-Day National Level Technical Symposium TEC PRAYAGA conducted during 9<sup>th</sup> -10<sup>th</sup> Jan,2013 at Tirumala Engineering College, Jonnalagadda, Narasaraopet.

2. M.Devi Vara Prasad, B.Chaitanya B.Saran kumar , B.Ravi teja , ,E.Raja Praveen & S.Appala raju of III B.tech has participated at AUTOFACTORY 2013 organized on the topic of automobile designing and styling using reverse engineering conducted under the aegis of technical operations and research departments of Metawing Technologies.Pvt.ltd during 4<sup>th</sup> – 5<sup>th</sup> Feb 2013 at College of Engineering ,GUNDY under National Technology awareness campaign.
3. M.Devi Vara Prasad, K.Vamsi , K.Pavan Kumar & AIVS. Prakash of III B.Tech has participated in the Techno-cultural fest AFOSEC-2013 and participated in JUNKYARD WARS and **won first prize** during 20<sup>th</sup> – 21<sup>st</sup> Feb 2013 at VRSEC.
4. M.Devi Vara Prasad, K.Vamsi , K.Pavan Kumar & AIVS. Prakash of III B.Tech has participated in the Techno-cultural fest AFOSEC-2013 and participated in ROBOSOCCER and **won second prize** during 20<sup>th</sup> – 21<sup>st</sup> Feb 2013 at VRSEC.
5. T.Aasish of II B.Tech has participated in the Techno-cultural fest AFOSEC-2013 and participated in General QUIZ and **won second prize** during 20<sup>th</sup> – 21<sup>st</sup> Feb 2013 at VRSEC.
6. T.Aasish of II B.Tech has participated in the Techno-cultural fest AFOSEC-2013 and participated in Logo QUIZ and **won second prize** during 20<sup>th</sup> – 21<sup>st</sup> Feb 2013 at VRSEC.
7. T.Sai Krishna& A.Eshwar Sahithya of II B.Tech has participated in the Techno-cultural fest AFOSEC-2013 and participated in General & Technical, sports QUIZ during 20<sup>th</sup> – 21<sup>st</sup> Feb 2013 at VRSEC.
8. M.Vamsi Harish, N.Prabhu Kumar & TNK.Chaitanya of III B.Tech has participated in the Techno-cultural fest AFOSEC-2013 and participated in QUIZ during 20<sup>th</sup> – 21<sup>st</sup> Feb 2013 at VRSEC.
9. M.Vamsi Harish & T.N.K.Chaitanya of III B.Tech has participated in the Techno-cultural fest AFOSEC-2013 and participated in GAB-FAB during 20<sup>th</sup> – 21<sup>st</sup> Feb 2013 at VRSEC.
10. A.V.Gopi Krishna & T. Sai Venkat of II B.Tech has participated in the Paper Presentation held at SANKETA-2013 during 22<sup>nd</sup>-23<sup>rd</sup> Feb 2013 at SRKR engineering college Bhimavaram.
11. T.Sai Krishna & Ch.Sri Harsha of II B.Tech has participated in the Paper Presentation held at SANKETA-2013 during 22<sup>nd</sup>-23<sup>rd</sup> Feb 2013 at SRKR engineering college Bhimavaram.
12. A.Bhargav Sai Reddy,G.L.Arun ,K.Pavan Kumar, N.H.Siva Kumar ,N.K.Chaitanya ,N.Prabhu Kumar, N.V.Siva Sai,S.Rajeev & T.Vidya Sagar of III B.Tech has participated in workshop on the topic Advanced IC Engine Technologies organized at VRSEC on 22<sup>nd</sup>-23<sup>rd</sup> Feb 2013.
13. A.Eshwar Sahithya& T.Sai Krishna of II B.Tech has participated and presented a paper on “Micro controlled Engine” at the state level Technical paper contest GECFEST’13 from 28<sup>th</sup> Feb -2<sup>nd</sup> March,2013.

14. K.Krishna Kanth&D.Vamsi has participated and presented a paper on “Roboticsg” in the Technostav2k13\_at MVR College of Engineering &Technology, Paritala from 4<sup>th</sup> -5<sup>th</sup> March,2013.
15. T.Balaji of II B.Tech has participated and presented a paper on “Electricity generation” and **won second prize** in the Technostav2k13\_at MVR College of Engineering &Technology, Paritala from 4<sup>th</sup> -5<sup>th</sup> March,2013.
16. T.Balaji of II B.Tech has participated in Clay Moulding in the Technostav2k13\_at MVR College of Engineering &Technology, Paritala from 4<sup>th</sup> -5<sup>th</sup> March,2013.
17. B.Chitanya & K.Srinivas of III B.Tech has participated and presented a paper in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology,Vijayawada.
18. T.N.K.Chaitanya &P.Madhuri of III B.Tech has participated and presented a paper on “Bio Mechanics of fractures and fixation” and **won first prize** in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
19. B.Saran kumar & A.Jagan Mohan of III B.Tech has participated and presented a paper in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
20. N.Prabhu Kumar& N. Venkata Siva Sai of III B.Tech has participated and presented a paper in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
21. K.Ravi teja & G.Suman of III B.Tech has participated and presented a paper in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering &Technology, Vijayawada.
22. T.N.K.Chaitanya of III B.Tech has participated in the event QUIZ and **won first prize** in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology,Vijayawada.
23. P.Madhuri of III B.Tech has participated in the event QUIZ and **won third prize** in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology,Vijayawada.
24. T.N.K.Chaitanya ,P.Madhuri of III B.Tech has participated in the event SPELL’M in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology,Vijayawada.
25. T.N.K.Chaitanya of III B.Tech has participated in the event Assemblix in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology,Vijayawada.

26. K.Srinivas of III B.Tech has participated in the event QUIZ, SPELL'M in the Technical fest MAQUINA-13 during 5<sup>th</sup> -6<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology,Vijayawada.
27. B.Saran kumar, K.Ravi teja , A.Jagan Mohan & G.Suman of III B.Tech has participated in workshop on ETHICAL HACKING event of National Level Technical Symposium during 7<sup>th</sup> -8<sup>th</sup> Mar, 2013 at Andhra Loyola Institute of Engineering & Technology, Vijayawada.
28. K.Mukunda of II B.Tech has attended a workshop on HEXABOTICS organized by frugal labs Tech solutions pvt.ltd. in association with MECHANO MMXIII during 7<sup>th</sup> -8<sup>th</sup> Mar, 2013at University College of Engineering Vizianagaram.
29. B.Naga Babu,L.Krishna Kanth,D.Vamsi Krishna,D.Sambaiah Naik & KBVR.Krishna of II B.Tech has participated in the event Brain Strom,Robotics conducted on the occasion of MECHANO MMXIII , A National Level Technical Symposium during 7<sup>th</sup> -8<sup>th</sup> Mar, 2013at University College of Engineering Vizianagaram.
30. T.N.K.Chaitanya &P.Madhuri of III B.Tech has participated and presented a paper on “Bio Mechanics of fractures and fixation” and **won first prize** in SRK TECHNOFEST-2K13 during 7<sup>th</sup> -8<sup>th</sup> Mar,2013 at SRK Institute of Technology, Enikepadu,Vijayawada.
31. G.L.Arun of III B.Tech has participated and presented a paper on “Pnuematic Cars” in SRK TECHNOFEST-2K13 during 7<sup>th</sup> -8<sup>th</sup> Mar, 2013 at SRK Institute of Technology, Enikepadu, Vijayawada.
32. N.Prabhu Kumar& N. Venkata Siva Sai of III B.Tech has participated and presented a paper on “Cryogenic Rocket Engines” in SRK TECHNOFEST-2K13 during 7<sup>th</sup> -8<sup>th</sup> Mar, 2013 at SRK Institute of Technology, Enikepadu,Vijayawada.
33. K.Srinivas &A.Bhargav Sai Reddy of III B.Tech has participated and presented a paper on “Missile Guidance” in SRK TECHNOFEST-2K13 during 7<sup>th</sup> -8<sup>th</sup> Mar,2013 at SRK Institute of Technology, Enikepadu,Vijayawada.
34. L.Chaitanya &M.Vamsi Harish of III B.Tech has participated in Technical Quiz in SRK TECHNOFEST-2K13 during 7<sup>th</sup> -8<sup>th</sup> Mar,2013 at SRK Institute of Technology, Enikepadu,Vijayawada.
35. G.L.Arun, N. Venkata Siva Sai &N.Prabhu Kumar of III B.Tech has participated and presented a paper in the NRI Fest-2K13 on 8<sup>th</sup> Mar,2013 at NRI Institute of Technology,Agiripalli Mandal,Krishna Dist.
36. T.N.K.Chaitanya of III B.Tech has participated and presented a paper and **won second prize** in the NRI Fest-2K13 on 8<sup>th</sup> Mar,2013 at NRI Institute of Technology,Agiripalli Mandal,Krishna Dist.
37. T.Sai Venkat & T.Balaji of II B.Tech has participated in the event TORQUE'13 in the spot event pattern making **won second prize** during 9<sup>th</sup>-10<sup>th</sup> Mar 2013 at JNTU Kakinada.

38. M.Sathwik, T.Sai Venkat & T.Balaji of II B.Tech has participated in PAPYRUS (PAPER) competition in the event TORQUE'13 , A National Level Technical Symposium during 9<sup>th</sup>-10<sup>th</sup> Mar 2013 at JNTU Kakinada.
39. T.Sai Venkat & T.Balaji, S.N.C.S. Vamsi Krishna of II B.Tech has participated in the Paper Presentation held at MECHANICA -2013 during 15<sup>th</sup>-17<sup>th</sup> Mar,2013 at IIT-Madras.
40. K.B.V.R.Krishna, V.Kiran Raj & H.Durganjaneya of II B.Tech has participated in the Paper Presentation held at MECHANICA -2013 during 15<sup>th</sup>-17<sup>th</sup> Mar, 2013 at IIT-Madras.
41. G.Arun of IV B-Tech had successfully completed the “Metal Cutting Application Engineering Course-Comprehensive at Kennametal Knowledge centre, Bangalore from 10<sup>th</sup> to14<sup>th</sup> June, 2013.

# DEPARTMENT OF MECHANICAL ENGINEERING

**“NEWS LETTER”**

*JULY-DECEMBER, 2013*



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

**Guest Lectures and Seminars**

1. Department of Mechanical Engineering organized a Two day DST sponsored National Seminar on CURRENT TRENDS IN ADVANCED MANUFACTURING PROCESSES from 22.11.2013 to 23.11.2013 and the resource persons were Dr. P.M Valli, Professor, GITAM University, Dr.N.Ramesh Babu, Assistant Professor, NIT Trichy, Dr. Racherla Vikranth, Assistant Professor, IIT Karagpur.



2. Department of Mechanical Engineering organized a Interactive session on “LIFE IN ABROAD (USA)” on 03.12.2013 and the resource person was Mrs. Rani Samyuktha Makkapati , Software Development Advisor, DELL, Dallas, Texas, United States of America.
3. Department of Mechanical Engineering organized a Guest Lecture on “QUALITY ENHANCEMENT IN HIGHER EDUCATION- ROLE OF FACULTY AND STUDENTS” on 31.12.2013 and the resource person was Dr. N. Siva Prasad, Professor, Department of Mechanical Engineering , IIT Madras, Chennai.

**Workshops**

1. 2-Week ISTE Workshop on “Engineering Mechanics” under the National Mission on Education through ICT, MHRD, Govt. of India, conducted by IIT Bombay from 26-11-2013 to 06-12-2013.

**Staff Achievements:**

1. P.Anusha, Mr.P.Madhu Kumar ,P.Srikant ,M. Naga Swapna, Mr.K.Venkata Rao, N.Raghuram, K.Sowjanya has participated in the training program on “Instructional Design and Delivery Systems” from 8<sup>th</sup> -12<sup>th</sup> July,2013 conducted by National Institute of Technical Teachers Training & Research. Chennai at PVPSIT.

2. Dr. G. Vijay Kumar acted as a Resource person for one day workshop on “Advances in Mechanical Engineering at Anurag Engineering college,Kodad on 20<sup>th</sup> July,2013.
3. Mr. M.V.H. Satish Kumar has been trained for inspecting and testing the “Computer Based Multi Cylinder Petrol Engine Test Rig” at Tech-Ed Equipment Company, Bangalore under the guidance of Mr.B.Santosh Kumar from 04<sup>th</sup> -06<sup>th</sup> September, 2013.
4. Mr.S.V.R.Chaitanya (Jr.Mechanic) & Mr.K.Suresh (Jr.Mechanic) have been trained for inspecting and testing the “Computer Based Multi Cylinder Petrol Engine Test Rig” at Tech-Ed Equipment Company, Bangalore under the guidance of Mr.B.Santosh Kumar from 04<sup>th</sup> -06<sup>th</sup> September, 2013.
5. P.Srikant, K.I.V.Vandana, M.Rajya Lakshmi has participated in the National Seminar on “Futuristic Trends of Nanocomposites and Their Fabrication” at R.V.R. & J.C College of Engineering, Guntur from 6<sup>th</sup> -7<sup>th</sup> September, 2013.
6. P.Srikant has attended A One-Week Workshop for Coordinators on “Engineering Mechanics”conducted under the National Mission on Education through ICT by MHRD at IIT, Bombay from16<sup>th</sup> -20<sup>th</sup> September, 2013.
7. Dr.K.Sivaji Babu , Dr. G. Vijay Kumar has participated in “Workshop for Training Resource Persons on Outcome Based Accreditation –Phase II” conducted by NBA Training Centre at V.R.Siddhartha Engineering College,Vijayawada from 26<sup>th</sup> – 28<sup>th</sup> Sept 2013,to identify Resource Persons and Evaluators for NBA.
8. G. Diwakar, G.Bala Krishna has attended the National Conference on Condition Monitoring and presented a paper on “Detection of misalignment in overhung rotar using MCSA” at IISC Bangalore from 4<sup>th</sup> -5<sup>th</sup> Octoberber,2013.
9. M.Rajya Lakshmi has participated in a 3-day National Workshop on “Modeling, Simulation & Optimization of Manufacturing Systems” organised by the departmant of Mechanical Engineering under TEQIP-II at NIT Warangal from 17<sup>th</sup> -19<sup>th</sup> October,2013.
10. Ch.Kishore Reddy has participated in a 3-day National Workshop on “Advanced Materials and Machining” organised by the departmant of Mechanical Engineering under TEQIP-II at NIT Warangal from 31<sup>st</sup> October -2<sup>th</sup> November,2013.
11. Dr.M.S.R.Niranjan Kumar, Sri. MVH Satish Kumar, Sri. G. Diwakar ,Dr. G. Vijay Kumar, U.Koteswara Rao, Sri.V.V. Sridhara Raju, Smt. K.Srividya, Smt. E. Kavitha, Smt.S.Srilakshmi, Sri. P. Ravi Kumar , , Smt. G. Phani Prasanthi ,Sri G.Bala Krishna, P.Anusha, Smt. K.I.V.Vandana,Mr.P.Madhu Kumar, M.Mounika,Smt. M.Rajya

Lakshmi, P.Srikant ,Smt. M. Naga Swapna ,Sri M.K.Venkata Rao, Smt. K.Sowjanya, Mr. Ch. Lakshmikanth,Ch.Kishore Reddy has participated in a 2-Day DST sponsored National seminar on “Current Trends in Advanced Manufacturing Processes” at P.V.P.Siddhartha Institute of Technology from 22<sup>nd</sup> -23<sup>rd</sup> November,2013.

12. U. Koteswara Rao, Sri.V.V.Sridhara Raju, Sri.Sd.AbdulKalam, SmtP.Anusha, Smt.P.PhaniPrasanthi, Mr.P.Srikant, Mr.Ch.Lakshmikanth,Ch.Kishore Reddy, Mr.N.Raghuram has participated Two-Week ISTE Workshop on “Engineering Mechanics” under the National Mission on Education through ICT by MHRD at IIT, Bombay from 26<sup>th</sup> November -6<sup>th</sup> December,2013 conducted at PVP Siddhartha Institute of Technology.
13. K.I.V.Vandana has participated in a Workshop on “Finite Element Analysis & Reliability (FEAQR-2013) atA.U.CollegeofEngineering(Autonomous),Visakhapatnam under TEQIP phase II on 16<sup>th</sup> December,2013.
14. Mr.MD.Asif Pasha(Jr.Mechanic) & Mr.Venkateswara Rao (Jr.Mechanic) attended a training programme on Wind Tunnel at IND-LAB EQUIPMENTS Pvt. Ltd.,Bangalore from 29<sup>th</sup> -31<sup>st</sup> December,2013.
15. Dr.G.Vijay Kumar & Sri G.Bala Krishna has participated in the Two Day National Workshop on “Vibrations and Health Monitoring of Engineering Infrastructures (VHMEI-2014)”at A.U.CollegeofEngineering(Autonomous),Visakhapatnam under TEQIP phase II on 3<sup>rd</sup> -4<sup>th</sup> January,2014.

### International Journals

3. G.Dilli Babu, Dr.K.Sivaji Babu, B.Uma Maheswar Gowd, “Optimization of machining parameters in drilling hemp fiber reinforced composites to maximize the tensile strength using design experiments”,Indian Journal of Engineering & Material Sciences, ISSN 0971-4588, 20, 2013, pp. 334-340, Impact factor-0.362
4. Durgachandrasekhar S, Dr. K. Sivaji babu, “The Contact Analysis of Pin Joints in CFRP Laminates” International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 2 Issue 12, December – 2013, pp. 969 – 974
5. K.Manikantesh, Dr.M.S.R Niranjan Kumar, N.Raghuram, “Effect of Chemical Treatments on Tensile and Flexural Properties of Bamboo Reinforced Composite” International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 2 Issue 12, December – 2013, pp. 2353 – 2365

6. N.Siva Nagaraju, MVH Satish Kumar, U. Koteswara Rao Modeling And Analysis of An Innova Car Chassis Frame by Varying Cross Section International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Vol. 2 Issue 12, December – 2013.
7. Y.Venu, G.Diwakar, “Static and Modal Analysis of Leaf Spring with Eyes Using FEA Packages” International Journal of Engineering Research and Development, ISSN: 2278-800X, Volume 7, Issue 3 (2013), pp. 71-77.
8. Sri Raghava .M, G.Diwakar, P.Madhu Kumar Vibration Analysis of Cracked Rotor Using Numerical Approach IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684,p-ISSN: 2320-334X, Volume 9, Issue 6 (Nov. - Dec. 2013), PP 26-34
9. Deepthi Ch, G. Vijay Kumar, P Ravindra Reddy “Thermo-Structural Response of a Rocket Thruster Using Fem” International Journal of Engineering and Advanced Technology (JEAT) ISSN: 2249 – 8958, Volume-3, Issue-2, December 2013
10. T. Srinivas, V. V. Sridhara Raju, S. Narendar Free Vibration Analysis of Embedded Circular Cylindrical Shells Using Wave Propagation Approach International Journal Of Research In Aeronautical And Mechanical Engineering ISSN (ONLINE): 2321-3051, Vol. 1, Issue 7, pp.59-94
11. M. Nagarjuna, E. Kavitha “Optimized mould design of an Air cooler tank” IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684,p-ISSN: 2320-334X, Vol. 10, Issue 2 (Nov. - Dec. 2013), PP 01-05
12. Karthik Matta, Kode Srividya “Static and Dynamic Response of a Centrifugal Blower Impeller Using FEA” International Journal Of Applied Sciences, Engineering And Management ISSN 2320 – 3439, Vol. 02, No. 05, September 2013, Pp. 101 – 105
13. C. Sasi Rekha, P.RaviKumar, K.VenkataRao Stress Analysis of FRP Composite Cylinder with Closed Ends IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) e-ISSN: 2278-1684,p-ISSN: 2320-334X, Volume 9, Issue 6 (Nov. - Dec. 2013), PP 01-06
14. Ashok Reddy .P, Sd. Abdul Kalam, G. V. Rao., G. Rama Rao Experimental Characterization of CFRP for Mechanical Properties with Different Resin Systems International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181,Vol. 2 Issue 12, December – 2013, pp.1699-1705
15. Kiranmayee.Nerusu, P. Phani Prasanthi, P.Srikant Prediction of Micromechanical Behaviour of Elliptical Frp Composites International Journal of Innovations in Engineering and Technology (IJET) ISSN: 2319 – 1058, Vol. 3 Issue 2 December 2013
16. V.D.Rajeswari swarna, G.Balakrishna “Dynamic analysis of composite propeller of ship using FEA” International Journal of Applied Sciences, Engineering and Management ISSN:2320-3439, Vol. 2, No. 5(2013),pp.111-115.
17. Vulchi Krishna Chaitanya, Jagathani Rajasekhar; Vandana K. I. Vishnu Linear Free Vibrations Of FG-CNTRC H-H Beams Using Slender Beam Theory International Journal of Engineering Science & Technology; Sep2013, Vol. 5 Issue 9, p1705
18. Pns Srinivas, Movva Mounika, M.Rajya Lakshmi, “Experimental Analysis & Designing of fabrication Method Of Shear Fatigue Strength Of Glass Fiber Epoxy And Chapstan E-Glass Epoxy Laminates”,International Journal of Computational Engineering Research, ISSN 2250-3005, Vol, 03, Issue 11(2013), pp.71-83

### Students Achievements:

1. S.Srikanth Raju, J.Harish,T.Balaji, Sk.Arshad Nawaz, T.Sai Venkat,K.Bala Venkata Rama Krishna, B.BalaManikanta, M.Karthik, A.SivaRaniReddy, G.Tulasi Reddy, Ch.Savani, B.Yaswanth Naga Phani Ram,T.Siva Durga,I.Ravi Kumar,S.Shanmuka Srinivas, S.N.C.S.VamsiKrishna, N.VishnuKumar, Ch.SreeHarsha, M.Sathwik, G.Supriya, N.Rekha, J.Sai Sudha Priya, B.Monica, M.Jagathi, T.Gayathri, M.Sadhana of III B-Tech has participated in the National Workshop on Nano Technology – A Fuel For Chemical Industry at R.V.R & J.C College of Engineering from 20<sup>th</sup> - 21<sup>st</sup> September,2013.
2. T.Vidhya Sagar &N.Hema Siva Kumar of IV B-Tech has participated in the National Workshop on Nano Technology – A Fuel For Chemical Industry at R.V.R & J.C College of Engineering from 20<sup>th</sup> - 21<sup>st</sup> September, 2013.
3. T.N.K.Chaitanya & T.Mohith of IV B-Tech has participated in Technical Event Yantrika and presented a paper on “Bio Mechanics of Fractures and Fixation” at Hindustan College of Engineering and Technology,Coimbatore on 20<sup>th</sup> September,2013.
4. T.N.K.Chaitanya & T.Mohith of IV B-Tech has participated in Technical Event Techbash and presented a paper on “Bio Mechanics of Fractures and Fixation” and won 1<sup>st</sup> prize at Sri Shakthi Institute of Engineering and Technology,Coimbatore on 21<sup>st</sup> September,2013.
5. K.Srinivas & B.Mahendra Varma of IV B-Tech has participated in Technical Event Techbash and presented a paper on “Conduction of Electricity through carbon Nanotubes” and won 2<sup>nd</sup> prize at Sri Shakthi Institute of Engineering and Technology,Coimbatore on 21<sup>st</sup> September,2013.
6. M.Vamsi Harish & L.Chaitanya of IV B-Tech has participated in Technical Event Techbash and presented a paper on “Valvetronic Engines” at Sri Shakthi Institute of Engineering and Technology,Coimbatore on 21<sup>st</sup> September,2013.
7. M.Vamsi Harish & L.Chaitanya of IV B-Tech has participated in Technical Quiz in the Event Techbash and won 2<sup>nd</sup> prize at Sri Shakthi Institute of Engineering and Technology,Coimbatore on 21<sup>st</sup> September,2013.
8. A.Venkata Rao,D.Sravana Teja,E.Durga Praveen,M.Raghuveer,B.Nazeer,G.Dileep Shankar,C.Durga Shiva Teja,D.Chaitanya,A.Eshwar Prasad,B.Appa Rao,M.Jithendra Gopinath of II B-Tech has participated in a lecture on “Energy conservation,Environment and Solar Power” organized by the institute of Engineers(India),Vijayawada Local Centre in association with New

and Renewable Energy Development Corporation of Andhra Pradesh Ltd, on the occasion of Energy Conservation Day-2013 on 17<sup>th</sup> December-2013.

9. P.Ganesh Varma, V.Adithya, V.Vimal, V.Sai Krishna, T.Rakesh Chandra, P.Jaswanth Krishna, S.Sai Chandu, P.Ajay Kumar, P.Vamsi Krishna, V.Doondi Bala Chakradhar, K.Deepak, M.Siva, G.Syam Viswanadh, J.Abshalom, K.Krishna of II B-Tech has participated in a one day National Seminar on "Advances in Manufacturing Processes" at KL University, Vaddeswaram on 21<sup>st</sup> December-2013.
10. K.Krishna Mohan, A.Eshwar Prasad, M.S.N.V.Krishna, M.Siva, D.Chaitanya, B.Sai Charan, A.KrishnaChaitanya, E.Durga Praveen, A.Hari Sai Krishna, S.Sai Chandu, D.Sravana Teja, M.Prashanth, Ch.Venkatesh, A.Rikesh Vardhan, A.Kranthi Kumar, M.Naga Harish, M.Sarath II B-Tech has participated in event TECHNOZION 13 on "Automotive IC Engines" at NIT Warangal from 27<sup>th</sup>-29<sup>th</sup> December-2013.

### Industrial Visits

S.No	Year of study	Name of visit	Date
1	IV/IV B. Tech Mechanical Engineering	"WAGON WORK SHOP TRACK MACHINES", Rayanapadu.	19-11-2013
2	II/IV B. Tech Mechanical Engineering Section -1	"KRISHNA ENGINEERING WORKS" Enikepadu.	13-12-2013
3	II/IV B. Tech Mechanical Engineering Section -2	"KRISHNA ENGINEERING WORKS" Enikepadu.	17-12-2013