

Dr.K.PRAVEEN KUMAR

Associate Professor

Department of Mechanical Engineering, R.V.R.& J.C. College of Engineering (A),
Chowdavaram, Chandramoulipuram Guntur-522 019, AP, India

Address for correspondence:

S/o K Ramaiah

#4-50, Mothadaka (Post & Village), Tadikonda (Mandal)

Guntur-522 016, AP, India

Phone: +91-9849652027

e-mail: kpraveen717@gmail.com & kpk@rvrc.ac.in

web: <http://me.rvrcce.ac.in/faculty/kpk.php>

- ❖ ORCID ID:
<https://orcid.org/0000-0002-2466-8051>
- ❖ SCOPUS ID:
<https://www.scopus.com/authid/detail.uri?authorId=57201886346>
- ❖ Google Scholar ID:
<https://scholar.google.co.in/citations?user=tPa-gNoAAAAJ&hl=en>
- ❖ Vidwan ID:
<https://vidwan.inflibnet.ac.in/profile/178894>
- ❖ Web of Science ID:
<https://publons.com/researcher/4095617/dr-k-praveen-kumar/>
- ❖ Research Gate ID:
https://www.researchgate.net/profile/Praveen_Kumar_Kancharla2

RESEARCH AREAS

Metal Matrix composites, Mechanical behavior of composite metallic materials and High Entropy Alloy Materials.

EDUCATION

Doctor of Philosophy (Ph.D.) from Materials Science engineering, Department of Metallurgical Engineering, Andhra University, Visakhapatnam, 2014.

<https://mme.iitm.ac.in/hea/html/phd.html>

Dissertation: "Fabrication and Characterization of 2024 Aluminium-High Entropy Alloy Composites".

Advisors: Prof.Narsipalli Bhargava Rama Mohan Rao and Prof. Babu Rao Jinugu (AUCE, AU).

Master of Technology (First Class with Distinction) from Production Engineering, Department of Production Engineering, Acharya Nagarjuna University, 2002-2004. Project: "Risk Based Analysis for Critical Power Plant Components using (ALIAS) Advanced Life Assessment System". Advisors: Dr.G.Jayaraman, Additional General Manager, BHEL Corporate (R&D), Hyderabad and Prof.A.V.Ratna Prasad, Principal, VR Sidhartha Engineering College, Vijayawada.

Bachelor of Technology (First Class with Distinction) from Department of Mechanical Engineering, Acharya Nagarjuna University, 1998- 2002. Project: Design, Fabrication & Testing of Pneumatic Face milling Fixture for an Industrial Component "Piston Scotch".

Advisor: Dr.B.Ramgopal Reddy, Associate Professor, Dept. of Mech. Engg. RVR&JCCE, Guntur.

ACADEMIC CAREER

Associate Professor, Department of Mechanical Engineering, RVR&JC College of Engineering, Guntur, India, from September 2014 onwards.

Assistant Professor, Department of Mechanical Engineering, RVR&JC College of Engineering, Guntur, India, June 2005-August 2014.

Assistant Professor, Department of Mechanical Engineering, K L College of Engineering, Vijayawada, India, November 2004 – May 2005.

Professional Memberships

- Member in “The Institution of Engineers” (INDIA) (MIE). Member ID: M-152465-2.
- Member in “Society of Failure Analysis” (INDIA) (SFA). Member ID: FLM-SFA-0543.
- Senior Member in “Institute of Research Engineers and Doctors” (IRED).No. SNM1010001465.
- Member in “International Association of Engineers” (IAENG). Member ID: 126361

List of Publications

1. T.J. Prasanna Kumar, Jasti Surendra, Ponnuru Anusha, Dr.M.Babu Prasad, Manasa Bandlamudi, K.Praveen Kumar, Anil Kumar Pallikonda, “Engineering Finest Test cases by using G-Genetic Algorithm Variant SSGA”, Journal of Theoretical and Applied Information Technology (JATIT), 2023. Vol.101. No 24, pp: 8328-8337. <https://www.jatit.org/volumes/Vol101No24/33Vol101No24.pdf>
2. Veeravalli Ramakoteswara Rao, Ravi Kumar Mandava, Sunitha Mandava, Kancharla Praveen Kumar, “Microstructure, mechanical & wear properties of Aluminium₇₀₇₅-Al₂O₃-SiC composites” Materials Today: Proceedings, August 2023 (Article in press). <https://doi.org/10.1016/j.matpr.2023.08.092>
3. Mastan Rao, Siva Sankara Babu Chinka, Nageswara Rao Putta, Murkonda Vijaya, Sneha. H. Dhoria, Deva Raj Chilakala, Ranga Raya Chowdary Jarubula, K Praveen Kumar, “Effect of Graphite on Mechanical and Tribological Properties of Al6061/SiC Hybrid Composites”, Annales de Chimie - Science des Matériaux, June 2023. <https://iieta.org/journals/acsm/paper/10.18280/acsm.470301>
4. Prasad K. Hari, Srinivasan C. Ananda and Kumar K. Praveen, “Performance and Emission Evaluation of Direct Injection Diesel Engine Using Canola, Sesame Biodiesels with N-Butanol”, Strojnícky časopis – Journal of Mechanical Engineering, Vol 70 (Oct 2021), No 1, pages: 139 – 148. <https://doi.org/10.2478/scjme-2021-0012>
5. Ch Kamprasad, K Praveen Kumar, “Applications of Magnesium Metal Matrix Composites-A Review”, Design Engineering, Issue: 5, Pages: 2435- 2445. <http://thedesignengineering.com/index.php/DE/article/view/4296>
6. M Gopi Krishna, K Praveen Kumar, M Naga Swapna, J Babu Rao, N R M R Bhargava, “Fabrication, Characterization and Mechanical Behaviour of A356/ Copper Particulate Reinforced Metallic Composites”, Materials Today Proceedings, Volume 5, Issue 2, Part 2, 2018, Pages 7685-7691. <https://doi.org/10.1016/j.matpr.2017.11.444>.
7. M Gopi Krishna, K. Praveen Kumar, M Naga Swapna, J Babu Rao, NRMR Bhargava, “Metal-metal Composites-An Innovative Way For Multiple Strengthening”, Materials Today Proceedings, Volume 4, Issue 8, 2017, 8085-8095. <https://doi.org/10.1016/j.matpr.2017.07.148>.
8. Gopi Krishna M, Praveen Kumar K, J B Rao and NRMR Bhargava, “Mechanical behaviour of A356 alloy reinforced with high strength alloy particulate metallic composites”, Materials Research Express, 2017, Vol. 4, No. 8. <https://doi.org/10.1088/2053-1591/aa7e23>
9. Venkata Reddy V, M Gopi Krishna, K Praveen Kumar, B S Naga Kishore J Babu Rao, N R M R Bhargava, “Studies on microstructure and mechanical behaviour of A7075Flyash/SiC hybrid metal matrix composites”, IOP Conf. Series: Materials Science and Engineering 310 (2018) 012047. <https://doi.org/10.1088/1757-899X/310/1/012047>
10. K. Praveen Kumar, M. Gopi Krishna, J Babu Rao, and NRMR Bhargava “Fabrication and Characterization of 2024 Aluminium - High Entropy Alloy Composites”, Journal of Alloys and Compounds, 640 (2015) 421–427. <https://doi.org/10.1016/j.jallcom.2015.03.093>

11. M.Gopi Krishna, K.Praveen Kumar, J.Babu Rao & NRM Bhargava, "Microstructure and Mechanical Properties of Al-20%Cu-10%Mg Alloy Particles Reinforced A2024 Metallic Composites" Science Spectrum (Journal of Andhra Pradesh Akademi of Sciences), Vol. 1 (1), January, 2016, pp 39-58.
12. M Gopi Krishna, K Praveen Kumar, J. Babu Rao, NRM Bhargava, K. Vijaya Bhaskar, "Deformation Studies on A2024/Flyash/SiC Hybrid Composites", International Journal of Engineering Research & Technology (IJERT) Vol. 2, Issue 10, 2013, ISSN: 2278-0181, pp 3772-3776.
13. M.Gopi Krishna, K. Praveen Kumar, K.K.Kishore, J. Babu Rao & NRM Bhargava, 'Studies on Deformation Behaviour of A356/Al-20Cu-10Mg Particulate Composite Metallic Materials' International Journal of Engineering Research & Technology (IJERT), Vol. 1 Issue 10, December- 2012. ISSN: 2278-0181 pp 1-6.
14. D Manoj Kumar, K Praveen Kumar, "Synthesis, Characterization and mechanical behavior of AZ91E/Ni coated Al₂O₃ (p) reinforced composites fabricated by Semi Solid Stir Casting", International Journal of Innovative Science and Research Technology, Volume 2, Issue 7, July, 2017, pp. 8-13.
15. B Manasa, K Praveen Kumar, Y Sumanth, "Predicting the Political Ideology with Sentiment Classification of Twitter data using Machine Learning Algorithms", PENSEE Journal, Volume 51, Issue 06, 2021, 1385-1403. (Scopus).

List of Conference Presentations and Proceedings

1. K. Praveen Kumar, "Evaluation of Mechanical properties of Royal Palm Fiber and Toddy Palm Fiber Reinforced polymer composites" 1st International Conference on Advances in Mechanical Engineering (ICAME-2018) organized by Department of Mechanical Engineering, CMR College of Engineering and Technology, Hyderabad during 21st to 22nd December 2018.
2. K Praveen Kumar, M Gopi Krishna, J Babu Rao and NRM. Bhargava "Metal-Metal Composites-An Innovative way for Multiple Strengthening", International Conference on Advancements in Aeromechanical Materials for Manufacturing, organized by Department of Aeronautical Engineering (ICAAM-2016), MLR Institute of Technology, Hyderabad, India, during 7th-9th, July 2016.
3. K Praveen Kumar, M Gopi Krishna, J Babu Rao and NRM. Bhargava "Microstructural and Mechanical Properties of 2024 Aluminium-High Entropy Alloy reinforced composites", International conference on High Entropy Alloys, organized by Department of Metallurgical Engineering, Indian Institute of Technology, Madras(IITM), Chennai, India during March 27-28, 2014.
4. K Praveen Kumar, M Gopi Krishna, J Babu Rao and NRM. Bhargava "Fabrication and Characterization of 2024 Aluminium-High Entropy Alloy Composites", 67th Annual Technical Meeting of The Indian Institute of Metals, organized by Department of Metallurgical Engineering, Indian Institute of Technology (Banaras Hindu University) Varanasi-221 005, India during November 12 – 15, 2013.
5. M Gopi Krishna, K Praveen Kumar, KK Kishore, NBR Mohan Rao, J Babu Rao, "Investigation on Copper Cored Aluminium & Its Alloys by Direct Extrusion", Proceedings of Fourth International Conference on Advances in Mechanical Engineering (ICAME) September 23-25, 2010, SVNIT Surat, Surat.
6. M G Krishna, K Praveen Kumar, J Babu Rao, NRM Bhargave, K Vijaya Kumar, "Deformation and Simulation Studies of Metal-Metal Composites", Proceedings of International Conference on "Trends in Products Life Cycle, Modeling, Simulation and Synthesis (PLMS-2014) organized by School of Mechanical and Building Sciences, VIT University, Vellore, India during 6-8 Jan 2014.
7. K. Praveen Kumar, K. Krishna Kishore, M. Gopi Krishna NRM Bhargava, J. Babu Rao, "Structure Property Relations of Al-Cu Binary Alloys and Al-Cu-Mg Ternary Rich Alloys" Proceedings of National Conference on Advances in Materials and Product Design AMPD- 2010, 22–23 November, 2010, SVNIT Surat.
8. K. Praveen Kumar, M. Gopi Krishna, K. Krishna Kishore, NRM Bhargava, J. Babu Rao, "Fabrication and Characterization of AA 2024/Al-20%Cu-10%Mg Composites", Proceedings of the National Conference on Advances in Materials in Engineering (MATERIAUX-2K12), 24-25, February, 2012, AUCE, Andhra University, Visakhapatnam.
9. M. Gopi Krishna, K. Praveen Kumar, K.Krishna Kishore, NRM Bhargava, J. Babu Rao, "Fabrication and Characterization of A356/CuMgAl₂ Composites", Proceedings of the National Conference on

Advances in Materials in Engineering (MATERIAUX-2K12), 24-25, February, 2012, AUCE, Andhra University, Visakhapatnam.

10. K.Krishna Kishore, K. Praveen Kumar, M.Gopi Krishna, NRM R Bhargava, J. Babu Rao, "Studies on Machinability Properties of Aluminium Based Composites", Proceedings of the National Conference on Advances in Materials in Engineering (MATERIAUX-2K12), 24-25, February, 2012, AUCE, Andhra University, Visakhapatnam.
11. K. Praveen Kumar, M. Gopi Krishna, J. Babu Rao, NRM R Bhargava, "Dry Sliding Wear Behaviour of Composites using High Entropy Alloy Reinforcements in 2024 Aluminium", proceedings of the National Conference on Advances in Materials in Engineering (MATERIAUX-2K14), 6-7, March, 2014, AUCE (A), Andhra University, Visakhapatnam.

Sponsored Projects

- Received a grant of worth Rs.9,09,166/- for the project entitled "Synthesis and Characterization of MWNT's/UHMWPE Nanocomposites for Orthopaedic Applications" AICTE under Research Promotion Scheme (RPS) as Co-Principal Investigator during the period 2022-2025.
- Received a grant of worth Rs.5,50,000/- for the industrial project entitled "Mechanical and electrical behaviour of Boron & Vanadium doped Fe-6.5(wt.%) Si soft magnetic alloy ribbons fabricated by direct powder rolling" from Sri Venkateswara Electricals Pvt. Ltd., as Principal Investigator during period 2020-2023.
- Received a grant of worth Rs.8,00,000/- for the project entitled "PRERANA-Centre for Training SC/ST Students for Higher Education" by AICTE under Students Development Schemes as Coordinator during the period 2019-2022.
- Received a grant of worth Rs.11,90,000/- for the project entitled "Development and Characterization of High Strength Polymer Matrix Composites reinforcing with Metallic Glass Particulates" by AICTE under Research Promotion Scheme (RPS) as Co-Investigator during the period 2012-2015.
- Received a grant of Rs.60,000/- from AICTE to organize a national level seminar on "METAL MATRIX COMPOSITES" and organized during 29-30th September 2010, as Co-Convener.

Conference/Workshop/Seminar/FDP Organization

- One-day Online Workshop in association with Conceptia Konnect, Bangalore on "Development in Design and Automation for Industry 4.0" during 16th June 2021 as Co-Coordinator.
- One-week Faculty development Program on "CAD using SOLID WORKS" (ICT-77) during March 11th 2019 to March 15th 2019 as Coordinator.
- Co-convener, National level seminar on "METAL MATRIX COMPOSITES" sponsored by AICTE, 29-30 September 2010.

Awards

- Received **Young Engineer Award** from "The Institution of Engineers (INDIA)" in 2015.
- Secured second best paper award at National Conference on Advances in Materials in Engineering (MATERIAUX-2K12), 24-25, February, 2012, AUCE(A), Andhra University, Visakhapatnam.

Seminars/Lectures

1. Delivered a Guest Lecture (Online) on "High Entropy Alloys" at Bapatla Engineering College, Bapatla on 15.07.2022.
2. Mechanical, Deformation and Wear behaviour of 2024 Aluminium-High Entropy Alloy (HEA) Composites at "Advances in Metal Matrix Nano Composites", organized by Dept. of Mechanical Engineering, ANU College of Engineering and Technology, Acharya Nagarjuna University, Guntur during 11-12, December 2015.

Patents

S.No.	Patent Title	Name of Applicants	Patent No.	Award Date	Country	Status
1.1	Advanced Regenerative Vehicle Suspension System with Artificial Intelligence for Energy Recovery	Dr.D.V.V. K Prasad, Dr.K.Praveen Kumar , Dr.V.Ramakoteswara Rao, Sri.Ch.Deva Raj	Application No. 202441002309 Ref.No./Application No. TEMP/E-1/2777/2024-CHE C.B.R. No. 2373	11 th , January, 2024	India	Filed on 11 th , January, 2024
2.	Intelligent Manufacturing Process: Computer Intelligent Manufacturing Process and Testing System. (Aid Physical Three-Dimensional Object)	Dr. N. Govind, Dr. K. Praveen Kumar , Dr. Radhika Sajja, D. Swapna, K. Lakshmi Chaitanya, M.Vijaya, Mohammad, Hasheer Shaik, Kondala Rao Dasari, Kurra Hari Prasad, T.N.S Rama Krishna, Dr. A. Muddu	202041051207	December-2020	India	Published
3.	A Vehicle Tyre Cutting Machine (Cbr Number and Date): 210854 and 14.12.2021	Dr.K.Praveen Kumar , Smt.K.Snehita Dr.Sk.Mabunni Sri D.Kondala Rao Sri T.N.S.Rama Krishna	354860-001	10 th , January, 2023	India	Granted

Editorial/Review Service

Review Board Member of journal IJERT (International Journal of Engineering Research and Technology), 2014 onwards.

Review Board Member of **Journal of Materials Research and Technology**, 2019 onwards.

CERTIFICATION EXAMS Cleared 02

- 3D Experience Platform Explorer at the level of Associate conducted by Dassault Systemes on 4th December 2019.
- 3D Experience Mechanical Designer at the level of Associate conducted by Dassault Systemes on 4th December 2019.

Guidance

S No	Degree	Awarded/Submitted	Ongoing
1	Ph.D.	Nil	7
2	M.Tech (CAD/CAM)	6	Nil
3	M.Tech (Machine Design)	03	Nil
4	B.Tech	19	01

Workshops/Seminars/FDP/Short-Term Courses Attended: (Last Six Years)

1. Attended and completed five days Online Workshop on “**Vehicular Vibrations Control with Modern Suspension System**” organized by Department of Mechanical Engineering, NIT Karnataka, Surathkal, from 21st August 2023 to 25th August 2023.
2. Attended and completed six days Online Short Term Course “**The New Product Development Process**” organized by APSSDC in association with Dassault Systemes from 13th Nov 2023 to 18th November 2023.
3. Participated and completed in one week Faculty Development Program sponsored by SEBI (Securities and Exchange Board of India) & NISM (National Institute of Securities Markets) on “**Investor Awareness Program - Financial Literacy for You (FLY)**” organized by Department of Mechanical Engineering, R.V.R. & J.C. College of Engineering (Autonomous), Guntur-19, A.P. from 7th October 2021 to 7th July 2022.
4. Participated and completed in one week Faculty Development Program on “**Innovations in Mechanical Engineering**” organized by Department of Mechanical Engineering, Vasireddy Venkatadri Institute of Technology, Nambur, A.P. from 26th December 2022 to 30th December 2022.
5. Participated and completed One week National level Intercollegiate Online Faculty Development Program on “**Outcome Based Education & Bloom’s Taxonomy**” organized by the Internal Quality Assurance Cell of Ramakrishna Mission Vivekananda Centenary College (Autonomous), Kolkata in association with ipsr solutions limited from 8th November to 15th November 2021.
6. Participated and completed successfully AICTE Training and Learning (ATAL) Academy online FDP on “**Novel Materials for Next-Generation Applications**” from 12-07-2021 to 16-07-2021 at Ramaiah Institute of Technology, Bengaluru, Karnataka.
7. Faculty development program on “**Vehicle Dynamics Setup using MBD**” organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in association with Dassault Systemes during 10-05-2021 to 14-05-2021.
8. Participated in the five day **online Short Term Course on “Smart Manufacturing Technologies”**, Organized by Department of Mechanical Engineering at Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, India-462003 during 23rd to 27th December, 2020.
9. Participated and completed successfully in AICTE Training and Learning (ATAL) Academy online FDP on “**Novel Materials**” from **05-10-2020 to 09-10-2020** at **Pillai College of Engineering**.
10. Participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online FDP on "Additive Manufacturing"** from **2020-9-21 to 2020-9-25** at **Vasireddy Venkatadri Institute of Technology**.
11. Faculty development program on “**Novel Materials in Engineering**”, Organized by Department of Mechanical Engineering, Raghu Engineering College, during 4th June 2020 to 5th June 2020 through Zoho meeting.
12. Faculty development program on “**Insights to INDUSTRY 4.0**” organized by the Department of Mechanical Engineering, S.A. Engineering College (Autonomous), Chennai, Tamil Nadu, on 29th May 2020.
13. Faculty development program on “**Machining Studies on Aluminium Composites**” organized by School of Engineering and Technology, Department of Mechanical Engineering, (USA) on May 21st, 2020 through Google Meet.
14. Faculty development program on “**Automotive Structures using CATIA**” organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in association with Dassault Systemes during 30th April 2020 to 2nd May 2020.
15. Faculty development program on “**Practical aspects of Finite Analysis using ABAQUS**” organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in association with Dassault Systemes during 18th April 2020 to 24th April 2020.
16. Attended three day Faculty development program at Dassault Systemes R&D Center, Pune, Maharashtra, India, organized by APSSDC during Jan 23-25, 2020.
17. AICTE Sponsored Two Weeks Faculty Development Program on “**Emerging Technologies and Challenges in Mechanical Engineering (ETCME)**”, Organized by Department of Mechanical Engineering RVR&JC College of Engineering (A), during 21st October to 2nd November, 2019.
18. Faculty development program on “**Engineering Education Research**” organized by IUCEE-APSSDC (conducted by Dr. Sohum Sohoni, Arizona State University, USA) during October 2018 to December 2018.

19. AICTE approved faculty development program (FDP201X) on "PEDAGOGY FOR ONLINE AND BLENDED TEACHING LEARNING PROCESS" conducted by Indian Institute of Technology, Bombay from October 30, 2018 to December 13, 2018.
20. AICTE approved faculty development program (FDP101X) on "FOUNDATION PROGRAM IN ICT FOR EDUCATION" conducted by Indian Institute Of Technology, Bombay from September 13, 2018 to October 18, 2018.
21. One Week faculty development program on "Outcome Based Education and Accreditation" conducted by National Institute of Technical Teachers Training and Research (NITTTR), Kolkata from September 24, 2018 to September 28, 2018.
22. Three day Faculty Development program on "Product Development on 3D Experience" organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in association with Dassault Systemes and VVIT from 20th November, 2018 to 22nd November 2018.
23. A Two Day International workshop on "**High Entropy Materials, (IWHM-2017)**", organized by School of Engineering Sciences and Technology, **Indian Institute of Technology (IITH) & University of Hyderabad (UoH)**, Hyderabad during 11-12, March, 2017.
24. A Two Day National Seminar on "**Ethics and Human Values in Engineering**" organized by Department of Mechanical Engineering, R. V. R. & J. C. College of Engineering during 5-6, January, 2017.
25. A Two Day National Seminar on "**March to Make in India through Engineering Advancements**" (MMIEA) organized by Department of Mechanical Engineering, R. V. R. & J. C. College of Engineering during 29-30, September, 2016.
26. A two day UGC Sponsored National workshop on "**Advances in Metal Matrix Nano Composites**", organized by Dept. of Mechanical Engineering, ANU College of Engineering and Technology, Acharya Nagarjuna University, Guntur during 11-12, December 2015.
27. A Three Day TEQIP short term course on "**Advances in Welding and Joining Technologies**", organized by Department of Mechanical Engineering, **IIT Guwahati**, Guwahati during 29th December –31st December, 2014.
28. A Three Day National Workshop on "**Advanced Materials & Machining**" (AMM), under TEQIP-II organized by Department of Mechanical Engineering, **NIT Warangal**, Warangal during 31st October to 2nd November, 2013.
29. A two day National workshop on "**Aeronautical Materials and Technologies (AMT-2014)**", supported by TEQIP-II organized by Dept. of Metallurgical Engineering, AUCE, Andhra University, Visakhapatnam during 3-4, January 2014.
30. A two day UGC Sponsored National workshop on "**Advances in Metal Matrix Composites**", organized by Dept. of Mechanical Engineering, ANU College of Engineering and Technology, Acharya Nagarjuna University, Guntur during 27-28, March 2014.
31. A Two Day National Seminar Sponsored by Dept of Science and Technology (DST) on "**Futuristic Trends of Nano Composites and their Fabrication**" (FTNCF-2013) organized by Department of Mechanical Engineering, R. V. R. & J. C. College of Engineering during 6-7 September, 2013.
32. A two day National workshop on "**Advanced in Materials Processing**", AMP-2k13, under TEQIP-II organized by Dept. of Metallurgical Engineering, AUCE, Andhra University, Visakhapatnam during 22-23rd March 2013.
33. A Two Day National Seminar Sponsored by AICTE on "**Nano Technology - A Fuel for Chemical Industry**" (NTFC-2013) organized by Department of Chemical Engineering, R.V.R. & J. C. College of Engineering during 20-21, September, 2013.
34. A two day National Seminar sponsored by UGC on "**Solar Energy Harvesting through Photovoltaic cells and Storage**", (SEHTPVAS-13), organized by Departments of Physics and Chemical Engineering, R.V.R. & J.C. College of Engineering during 21-22nd June 2013.
35. A Two Day National Seminar Sponsored by AICTE on "**Micro Machining**" organized by Department of Mechanical Engineering, R.V.R. & J.C. College of Engineering during 19-20 December, 2008.
36. A Short-term intensive Course on "**Advances in Composite Materials**", organized by Department of Mechanical Engineering, Vignan's Engineering College, Guntur, during 28-30, June, 2007.
37. A Three Day National Workshop on "**Soft Skills**" under auspices of Tata Consultancy Services (TCS) and Hewlett Packard (HP), organized by Department of Training, Placements and Industry Relations, Sir C R Reddy College of Engineering, Eluru, during 15-17, November, 2007.
38. A Two Day National Workshop on "**Gas Dynamics and its Applications**" organized by Department of Mechanical Engineering, Koneru Lakshmaiah College of Engineering during 8-9 November, 2005.

39. A One Day National Workshop on **“Applications of Optimization Techniques in Industrial Engineering”** organized by Department of Industrial and Production Engineering, Koneru Lakshmaiah College of Engineering, Green Fields, Guntur on 10th December 2005.

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