

Dr. B. RAMGOPAL REDDY

M.Tech., Ph.D.

Professor

Department of Mechanical Engineering

RVR & JC College of Engineering

Chowdavaram, Guntur-522019

Andhra Pradesh, India

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Research Interests: CNT Reinforced Composites, FRP composites, FEM, Machine Design

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<https://scholar.google.co.in/citations?user=zHmYpdgAAAAJ&hl=en>

RESEARCHGATE ID:

https://www.researchgate.net/profile/Ramgopal_Reddy_Bijjam

PROFILE

Name : Dr. B. RAMGOPAL REDDY

Date of Birth : 17th August 1973

Nationality : Indian

Address for correspondence : Professor

Department of Mechanical Engineering

R.V.R. & J.C. College of Engineering

Chowdavaram, Guntur - 522019 (A.P.), India.

EDUCATIONAL QUALIFICATIONS:

Name of the course with specialization	Name of the Institute/University	Year of passing	Percentage of Marks	Class/Division obtained
B.Tech. Mechanical Engg.	Nagarjuna University	1996	79.1	First class with Distinction
M.Tech. Design & Production Engg. - M/C Tools	NIT, Warangal	1998	76.0	First Class
Ph.D. Mechanical Engineering	Andhra University, Visakhapatnam	2013	Topic: Simulation Studies of Carbon Nanotube based Multiscale Composites	

PROFESSIONAL EXPERIENCE:

Designation	Name of the Organization	Period
Lecturer	RVR & JC College of Engineering, Guntur, A.P.	26-06-1998 to 25-06-2006
Senior Lecturer	RVR & JC College of Engineering, Guntur, A.P.	26-06-2006 to 31-12-2008
Associate Professor	RVR & JC College of Engineering, Guntur, A.P.	01-01-2009 to 31-01-2020
Professor	RVR & JC College of Engineering, Guntur, A.P.	01-02-2020 to till date

Total Teaching Experience: 23 Years**SUBJECTS TAUGHT:**

1. Engineering Mechanics
2. Mechanics of Materials
3. Mechatronics
4. Tool Engineering
5. Metal Forming Processes
6. Robotics
7. Kinematics of Machines
8. Finite Element Analysis
9. Metal Casting & Joining Processes
10. Design of Machine Elements
11. Advanced Machine Design
12. Mechanics of Composite materials
13. Dynamics of Machinery
14. Design of Transmission Elements
15. Metal cutting and machine tools
16. Advanced manufacturing processes
17. Design Thinking & Product Innovation

LABS HANDLED:

1. Analysis Lab
2. CAM Lab
3. Computer Applications Lab
4. Foundry, Welding and Fitting Lab
5. Machine Shop Practice Lab
6. Work Shop Practice Lab

ADMINISTRATIVE DUTIES:

1. Asst. Controller of Examinations (Special section(exams))
2. In-charge of CAM and Mechatronics Lab.

PAPERS PUBLISHED:

International Journals	National Journals	International Conferences	National Conferences	Total Publications
37	5	8	--	50

1. Ramgopal Reddy Bijjam, Srinivas Chandanam, Veera Venkata Siva Sudheer Nakka, Sneha H Dhoria, “Stress Analysis in a Multiscale Composite Laminated Plate with Cutout at the Centre Using Finite Element Method”, Annales de Chimie - Science des Matériaux, Vol. 47(6), 393 - 398, 2023 (ESCI/SCOPUS).
2. Lokesh Vaddar, Basava Thatti, Bijjam Ramgopal Reddy etc., “Glass Fiber-Epoxy Composites with Carbon Nanotube Fillers for Enhancing Properties in Structure Modeling and Analysis Using Artificial Intelligence Technique”, ACS Omega, Vol. 8(26), pp. 23528–23544, 2023 (SCIE/SCOPUS). <https://doi.org/10.1021/acsomega.3c01067>
3. Swetha Manukonda and Ramgopal Reddy Bijjam, “Wear Resistance of Stellite-6/TiC Coating on Stainless Steel 316L Produced by Laser Cladding Process”, Annales de Chimie Science des Matériaux (ACSM), Vol. 47(2), pp. 75-80, 2023 (ESCI/SCOPUS). <https://doi.org/10.18280/acsm.470203>
4. Ramgopal Reddy Bijjam, Srinivas Chandanam, Govind Nandipati, Sneha H. Dhoria, “Optimization of Machining Parameters in Drilling of Glass/Hemp/Bamboo Fibres Based Hybrid Polymer Composites”, Annales de Chimie - Science des Matériaux, Vol. 46(3), pp. 127-133, 2022 (ESCI/SCOPUS).
5. B. Supraja, Research Scholar and B. Ramgopal Reddy, Professor, “Influence of Process Parameters and Tool on Mechanical and Metallurgical Properties of Pure Copper and Aluminum Alloy AA7075 Dissimilar Friction Stir Welded Joint”, International Journal of Engineering Trends and Technology, Vol. 69(9), pp: 73-79, 2021 (SCOPUS).

6. Ranga Reddy Nallabothula, PG Student and Ramgopal Reddy Bijjam, Professor, "Experimental Investigation of Wear Resistance of Coconut Shell Ash and Fly Ash Reinforced Aluminum Metal Matrix Composite", Journal of Huazhong University of Science and Technology, Vol. 50(8), pp: 1-9, 2021.
7. B. Supraja and B. Ramgopal Reddy, "Investigation of Metallurgical and Mechanical Properties of Dissimilar Friction Stir Welded Pure Copper and AA7075 Joint by Using Various Process Parameters, Tool Shape and Tool Material", Journal of Solid State Technology, Vol.63(5), pp: 7969-7978, 2020.
8. A J S A V Vara prasad, B. Ramgopal Reddy, "Evaluation of Wear Characteristics of Aluminium Alloy (6061-T6) Reinforced with Molybdenum Disulphide (MOS_2) Metal Matrix Composites", Compliance Engineering Journal, Vol. 11(9), pp. 446-456, 2020.
9. Sailaja Aryavalli, B.Ramgopal Reddy and G.Venkateswarlu, "Influence of Process Parameters of Friction Stir Processing of Ze41/Sic Surface Composites", Journal of Critical Reviews, ISSN- 2394-5125, 7(18), pp. 2041-2049, 2020.
10. B.Ramgopal Reddy and K.Ramji, "Modeling and Evaluation of Effective Elastic Properties of Carbon Nanotubes Reinforced Carbon Fiber/Epoxy Multiscale Composites", Materials Today: Proceedings, Elsevier, Vol. 21, pp. 1099–1103, 2020 (SCOPUS).
11. B. Supraja and B. Ramgopal Reddy, "Experimental Investigation on Friction StirWelding of Dissimilar Alloys AA7075 and Pure Copper: Effect of Tool Material and Process Parameters on Mechanical Properties", Advances in Materials and Manufacturing Engineering, Lecture Notes in Mechanical Engineering, Springer, pp: 533-540, 2020 (SCOPUS).
12. Chandanam Srinivas, Ravela Naveen and Bijjam Ramgopal Reddy, "Design of Row Based Machine Layout – A Case Study", Advances in Simulation, Product Design and Development, Lecture Notes on Multidisciplinary Industrial Engineering, Springer, pp. 327-337, 2019 (SCOPUS)..
13. K. Sai Kiran and B. Ramgopal Reddy, "Optimization of Process Parameters in Drilling of Glass/Flax/Bamboo Fibers Reinforced Polymer Hybrid Composites using Taguchi Method", International Journal of Research and Analytical Reviews (IJRAR), ISSN: 2277-3878, 6(3), pp.178-185, 2019.
14. A.Sailaja, B.Ramgopal Reddy and G.Venkateswarlu, "Tool optimization of friction stir processing of ZE41A rare earth magnesium alloys", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, 8(2), pp. 6062-6066, 2019 (SCOPUS).
15. Raffi Mohammed, B Ramgopal Reddy, Abdul Siddique Shaik and J.S. Suresh . "Hybridization Effect on Mechanical Properties and Erosion Wear of Epoxy-Glass Composites", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, 8(9), July 2019 (SCOPUS).

16. Raffi Mohammed, B Ramgopal Reddy, Abdul Siddique Shaik and Aluri Manoj “Effect of Fillers on Erosion Wear Rate of Polymer Matrix Composites”, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249-8958, 8(5), June 2019.
17. Raffi Mohammed, B Ramgopal Reddy, Aluri Manoj, “Fabrication, Mechanical Characterization, and Selection of Hybrid Composites by TOPSIS”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Vol. 8(1), May 2019.
18. Raffi Mohammed, B Ramgopal Reddy, Aluri Manoj, “Fabrication & Erosion wear Response of E-Glass-Epoxy Based Hybrid Composites filled with CFA/CFACP”, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Vol. 8(3), pp: 522-528, 2019.
19. Raffi Mohammed, B. Ramgopal Reddy, Aluri Manoj, “Synthetic Fibers of Polymer Matrix Composites - A Review”, Jour of Adv Research in Dynamical & Control Systems, Vol. 10(9), pp: 2733-2743, 2018.
20. Raffi Mohammed, B Ram Gopal Reddy and Nunna Venkata Sai Kumar, “Evaluation of Mechanical Properties of Epoxy Based Hybrid Composites & MCDM Technique for Composite Selection”, International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778, Vol. 4(7), pp: 39-47, 2018.
21. B. Ramgopal Reddy and Sneha H Dhoria, “Effect of alkaline treatment on mechanical properties of kenaf fiber reinforced polyester composites”, AIP Conference Proceedings, 020097 (2018), doi: 10.1063/1.5029673, pp: 1-8, published by American Institute of Physics.
22. B. Ramgopal Reddy and C. Srinivas, “Fabrication and Characterization of Silicon Carbide and Fly Ash Reinforced Aluminium Metal Matrix Hybrid Composites”, Materials Today: Proceedings, Elsevier, Vol.5, pp. 8374-8381, 2018.
23. M. Srinivasa Rao, C. Srinivas and B. Ramgopal Reddy, “Effect of Chemical Treatment on Mechanical Properties of Kenaf and Jute Fiber Reinforced Polyester Composites”, International Journal for Modern Trends in Science and Technology (IJMTST), Vol. 3(7), pp. 287-291, 2017.
24. C.Sailaja and B.Ramgopal Reddy et al., “Experimental Analysis of Friction Stir Welding on Dissimilar Aluminium and Brass Alloys”, International Journal of Civil Engineering and Technology (IJCET), Vol. 8(7), pp: 490-495, 2017.
25. Raffi Mohammed, B. Ramgopal Reddy et al. “Preparation and Characterization of Rubber Lining Material For 33% Diluted Hcl Acid Storage Tank”, International Journal for Modern Trends in Science and Technology (IJMTST), Vol. 3(7), pp. 93-97, 2017.
26. B. Supraja and B. Ramgopal Reddy, “The Effect of Tool Geometry and Process Parameters on Mechanical Properties and Microstructure of Friction Stir Welded Dissimilar Joints of AA7075 Aluminium Alloy and Pure Copper”, International Journal of Mechanical Engineering and Technology (IJMET), Vol. 9(6), pp: 840-848, 2017.

27. C.Sailaja and B.Ramgopal Reddy et al., "Micro structural studies of Magnesium ZE41 Rare Earth Alloy using SEM", International Journal of Mechanical Engineering and Technology (IJMET), Vol. 8(6), pp: 722-728, 2017.
28. K. Sai Sravani, B. Ram Gopal Reddy and Raffi Mohammed, "Effect of CaCO₃ and Al₂O₃ Fillers on Mechanical Properties of Glass/Epoxy Composites", International Journal for Modern Trends in Science and Technology (IJMTST), Vol. 3(6), pp. 207-214, 2017.
29. B. Ramgopal Reddy and C. Srinivas, "Fabrication and Characterization of Silicon Carbide and Fly Ash Reinforced Aluminium Metal Matrix Hybrid Composites", International Conference on Emerging Trends in Materials and Manufacturing Engineering during 10th – 12th March, 2017 at NIT, Trichy, India.
30. Raffi Mohammed, B. Ramgopal Reddy et al. "Mechanical characterization & TOPSIS Ranking of Glass Fiber Reinforced particulate filled Epoxy based Hybrid Composites, Journal of Chemical and Pharmaceutical Sciences, ISSN: 0974-2115, JCHPS Special Issue 2: February 2017, pp. 311-317, 2017.
31. B. Supraja and B. Ramgopal Reddy, "Review on different trends in friction stir welding", International Journal of Innovations in Engineering and Technology, Vol. 7(1), pp: 171 - 178, 2016.
32. C.Sailaja and B.Ramgopal Reddy, "Fabrication and Friction Stir Welding of Aluminium SiC metal matrix composites", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN 2347-6710, Vol. 5(7), pp: 13153-13159, 2016.
33. B. Ramgopal Reddy, K. Ramji and B. Satyanarayana, "Modeling and Simulation of Nano and Multiscale Composites", International Journal of Hybrid Information Technology, Vol.9, No.3 (2016), pp. 133-144.
34. Raffi Mohammed and B. Ramgopal Reddy, "Effect of Epoxy modifiers (Bagasse fiber / Bagasse ash / Coal powder /Coal Fly ash) on mechanical properties of Epoxy / Glass fiber hybrid composites", International Journal of Applied Engineering Research(IJAER), ISSN 0973-4562, Vol. 10 No.24, pp. 45625-45630, 2015.
35. C.Sailaja and B.Ramgopal Reddy, "Effect of Process Parameters on Mechanical Properties of Friction Stir Welding – A Review", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), ISSN 2347-6710, Vol. 4(10), pp: 9818-9822, 2015.
36. B. Supraja and B. Ramgopal Reddy, "Effect of Tool Geometry and Process Parameters on Mechanical Properties and Micro Structure of Various dissimilar Aluminium Alloys Welded by Friction Stir Welding – A Review", International Journal of Engineering Technology, Management and Applied Sciences, Vol. 3(4), pp: 316-328, 2015.
37. B.Ramgopal Reddy and D. Subramanya Atchyuth, "Effect of Chemical Treatment on Mechanical Properties of Kenaf Fiber Reinforced Unsaturated Polyester Composites", International Conference on Polymer Composites (ICPC 2014), December, 19-20, 2014, NITK, Surathkal, Mangalore, India.

38. C. Srinivas, B. Ramgopal Reddy, K. Ramji and R. Naveen, "Sensitivity Analysis to Determine the Parameters of Genetic Algorithm for Machine Layout", *Procedia Materials Science*, Elsevier, Vol.6, pp. 866-876.
39. B. Ramgopal Reddy, K. Siva, M. Vinay Kumar and Sk Abbas Shareef, "Fabrication and Testing of Rice Straw Reinforced Polymer Composites", *Indian Science Cruiser*, Vol.27, No.6, pp.30-34, 2013.
40. B. Ramgopal Reddy, K.Ramji and B.Satyanarayana, "Non-linear Structural Response of Multiscale Composite Panels", *International Journal of Engineering Research and Technology*, Vol.2 (8), pp. 541-550, 2013.
41. B.Ramgopal Reddy, K.Siva, M.Vinay Kumar, Sk.Abbas Shareef, "Investigation of Mechanical Properties of Rice Straw Fiber Reinforced Polymer Composites", 4th International & 25th All India Manufacturing Technology, Design and Research Conference (AIMTDR 2012), December 14th -16th, Jadavpur University, Kolkata, India, Vol.1, pp. 205-209.
42. B.Ramgopal Reddy, K.Ramji and B.Satyanarayana, "Free Vibration Analysis of Carbon Nanotube Reinforced Laminated composite Panels", *International Journal of Mechanical and Materials Engineering*, Vol.2(1), Aug2011, pp. 13-17.
43. B.Ramgopal Reddy and G.Anil Kumar, "Investigation of Mechanical Properties of Lime Sludge Reinforced Particulate Composites", *Joint International Conference on Advanced Materials (ICAM 2011)*, August 19-20, 2011, BTLIT, Bangalore, India, pp.501-506.
44. B.Ramgopal Reddy, K.Ramji and B.Satyanarayana, "Effect of Fiber Orientation on Elastic Properties of CNT based Glass/Epoxy Lamina - FEA Approach", *International Journal of Nanotechnology and applications*, Volume 4(2), 2010, pp.153-162.
45. B.Ramgopal Reddy, K.Ramji and B.Satyanarayana, "A Finite Element Model for Estimating the Effective Mechanical Properties of Carbon Nanotube Reinforced Composites", *ANU Journal of Engineering and Technology*, Vol. 2(2), 2010, pp. 24-29.
46. B.Ramgopal Reddy, K.Ramji and B.Satyanarayana, "Evaluation of Effective Elastic Properties of CNT Based Composites Using Numerical Homogenization", *Proceedings of 4th International Conference on Advances in Mechanical Engineering (ICAME2010)*, September 23-25, 2010, SVNIT, Surat, India, pp.115-119.
47. D.Sameer Kumar, B.Ramgopal Reddy , K.Ravindra, V.Chittaranjan Das, "Influence of process parameters on AWJC of INCONEL690 using GA", *ANU Journal of Engineering & Technology*, ISSN 0976-3414, Volume 2, Issue 1 , June 2010 pp. 81-85.
48. B.Ramgopal Reddy, C.Srinivas, B.Satyanarayana and K.Ramji, "Genetic Algorithm Approach for Optimizing Machine Layout Problem" *International Seminar on Modelling, Simulation and Manufacturing System(MSMS-2008)*, June 29-30, 2008, Andhra University, pp.159-163.

49. K.Ramji, B.Satyanarayana and B.Ramgopal Reddy, “Dynamic Analysis of Composite Panels subjected to Non-Contact Explosion”, Proceedings of Second International Congress on Computational Mechanics and Simulation (ICCMS-06), December 8-10, 2006, IITG, Guwahati, India, Vol.1, pp.179-186.
50. B.Ramgopal Reddy, G.V.Rao, C.S.P.Rao and R.L.Murty, “An application of Genetic Algorithm to the flow shop problem”, Proceedings of the 18th All India Manufacturing Technology Design and Research conference, December 21-23, 1998, IIT, Kharagpur, India, pp.604-609.

PATENTS DETAILS:

S.No.	Patent Application No.	Title of the Patent	Details of Applicants & Inventors	Remarks
1	355036-001	DOOR-MOUNTED REFRIGERATOR	1) Dr.B.Ramgopal Reddy 2) Smt.K.Lakshmi Chaitanya 3) Sri Ch.Deva Raj 4) Dr.K.Suryanarayana 5) Sri K.Hari Prasad	Design Accepted and Published, Journal No is 09/2022 and Journal Date is 04/03/2022

EXPERT LECTURES DELIVERED:

- Delivered expert lecture on “Modeling and Simulation of CNT based Multiscale Composites” during AICTE sponsored Two Weeks Faculty Development Programme on “Emerging Technologies and Challenges in Mechanical Engineering (ETCME)” from 21st October to 2nd November 2019, organized by Department of Mechanical Engineering, R.V.R.& J.C. College of Engineering, Guntur.
- Delivered expert lecture on “Carbon Nanotube Based Multiscale Composites - Modeling and Simulation” during AICTE sponsored national seminar on advances in nanocomposite materials and their fabrication (ANMF-2017), 02 – 03, November, 2017 organized by department of mechanical engineering, RVR & JC College of Engineering.

Ph.D GUIDANCE:

Total Number of Research Scholars : **09**
 No. of Students Completed : **03**
 Ph.D. Awarded : **03**
 No. of Students Working : **06**

S.No.	Name of the student	Title	University	Year of Ph.D. Awarded
1.	Mr. Raffi Mohammed	Fabrication, Mechanical Characterization and Erosion Wear Response of E-Glass Fibre Reinforced and Particulate Filled Polymer Based Hybrid Composites	Acharya Nagarjuna University	January, 2021
2.	Mrs. Sailaja Aryavalli	Optimization of Friction Stir Processing of Ze41/SiC Magnesium Rare Earth Surface Composites	Acharya Nagarjuna University	April, 2021
3.	Mrs. Supraja Reddi Bomma Reddi	Influence of Process Parameters and Tool on Mechanical and Metallurgical Properties of Pure Copper and Aluminum Alloy AA7075 Dissimilar Friction Stir Welded Joints	Acharya Nagarjuna University	October, 2022

WORKSHOPS AND SHORT TERM COURSES ATTENDED:

1. Ramgopal Reddy Bijjam, attended 6 Days Online Short-Term Course on the “New Product Development Process”, organized by Andhra Pradesh State Skill Development Corporation (APSSDC) during 13-11-2023 to 18-11-2023.
2. Participated in one week faculty development Program (FDP) on “Innovations in Mechanical Engineering” from 26/12/2022 to 30/12/2022 organized by the Department of Mechanical Engineering, VVIT, Guntur.
3. Participated in SEBI (Securities and Exchange Board of India) & NISM (National Institute of Securities Markets) sponsored Investor Awareness Program - Financial Literacy for You (FLY) from 07/10/2021 to 07/07/2022 (Equivalent to one week Faculty Development Programme) organized by Department of Mechanical Engineering, R.V.R. & J.C. College of Engineering, Guntur.
4. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on “3D printing and design of metals and polymers” from 06/12/2021 to 10/12/2021 at IIT Indore.
5. 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 08 November 2021 to 15 November 2021

6. Attended a two weeks online Faculty development program on “Advances in Composite Materials, Manufacturing Processes and Optimization Techniques” organized by Academy of Maritime Education and Training, Deemed to be University, Chennai during June 1st to 14th, 2021 through online mode in Google Meet platform.
7. Participated and successfully completed online Faculty Development Program on “Vehicle Dynamics Setup using MBD” organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in association with Dassault Systems during 10-05-2021 to 14-05-2021.
8. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Robotics" from 2-11-2020 to 6-11-2020 at Indian Institute of Technology Ropar.
9. Completed the course on “The BodhiTree and SAFE Tools for Effective Online Teaching A Hands On Workshop” during 20 - 21 June 2020, organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India
10. Participated in the international Webinar on “How to get research grants from UGC, AICTE (Minor or Major research projects application process)” jointly hosted by MBITS & SMBS, Kerala on 9th June 2020.
11. Participated in Webinar on “CNC Tooling” conducted by MSME Technology Centre, Visakhapatnam in association with Kennametal on 25th May 2020.
12. Participated in one day workshop on “Effective and Efficient Online Teaching in the Age of Corona, A Hands on Workshop” on 17th May 2020, organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India
13. Participated in online Faculty Development Programme on “Design for Manufacturing and Assembly(DfMA)” organized by Andhra Pradesh State Skill Development Corporation(APSSDC) in association with Dassault Systems during 21-05-2020 to 23-05-2020.
14. Participated in online Faculty Development Programme on “Automotive Structures Design Using CATIA” organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in association with Dassault Systems during 30-04-2020 to 02-05-2020.

15. Participated in online Faculty Development Programme on “Practical Aspects of Finite Element Analysis Using ABAQUS” organized by Andhra Pradesh State Skill Development Corporation(APSSDC) in association with Dassault Systems during 18-04-2020 to 24-04-2020.
16. Participated in the 4-days Online Course on “Examination Reforms” organized by AICTE during 22-25 April, 2020.
17. Attended a AICTE sponsored Two Weeks Faculty Development Programme on “Emerging Technologies and Challenges in Mechanical Engineering (ETCME)” from 21st October to 2nd November 2019, organized by Department of Mechanical Engineering, R.V.R.& J.C. College of Engineering, Guntur.
18. Attended AICTE sponsored short term course on “Analysis of Modern Manufacturing Processes” from 7th to 11th January 2019, organized by Department of Mechanical Engineering, Indian Institute of Technology-Bombay(IITB).
19. Attended AICTE sponsored short term course on “Finite Element Method for Engineers from all disciplines” from 26th March to 31st March 2018, organized by Department of Mechanical Engineering, Indian Institute of Technology-Madras, Chennai, Tamilnadu.
20. Attended Foundation program ICT in Education (IITBombayX - FDP101x) and Pedagogy for Online and Blended Teaching-Learning Process (IITBombayX - FDP201x) from March 15 to April 15, 2018 and May 3 to June 17, 2018 respectively, an online program supported by IIT Bombay in association with our college remote centre.
21. Attended AICTE recognized short term course on “Product Design and Development through ICT” from 6th to 10th November 2017, conducted by Department of Mechanical Engineering in association with NITTR, Chandigarh.
22. Attended AICTE short term training course on “Optimization in Engineering Design” from 26th September to 1st October 2016, organized by Department of Engineering Design, Indian Institute of Technology, Madras, Chennai, Tamilnadu.
23. Attended 3-day national workshop on “Advanced Vibration Analysis-MATLAB Hands on sessions”, from 3rd to 5th march 2016 organized by Department of Mechanical Engineering, JNTUK, Kakinada.
24. Attended AICTE-QIP short term training programme on “Advanced composite materials”, from 4th to 10th January 2016 organized by Department Mechanical Engineering, Coimbatore Institute of Technology (CIT), Coimbatore.

25. Attended AICTE short term training course on “Computational Mechanics” from 1st to 5th September 2014 organized by Department of Applied Mechanics and Aerospace Engineering, Indian Institute of Technology, Madras, Chennai, Tamilnadu.
26. Participated in the two day National Workshop on “Nanotechnology - A fuel for Chemical Industry” during 20th and 21st September, 2013 organized by the Department of Chemical Engineering, R.V.R& J.C College of engineering, Guntur.
27. Participated in the two day national seminar on “Futuristic Trends of Nanocomposites and their Fabrication” during 6th to 7th September, 2013 organized by the Department of Mechanical Engineering, R.V.R& J.C College of engineering, Guntur.
28. Attended QIP short term course on “Processing and Fabrication of Metal Matrix Composites” from 1st to 5th July 2013 organized by Department of Mechanical & Industrial Engineering, Indian Institute of Technology, Roorkee (Uttarakhand).
29. Participated in “MTAB’s Open House 2013” on 27th April, 2013 organized by MTAB Engineers (P) Ltd., Electrical & Electronics Industrial Estate, Chennai.
30. Attended one day workshop on the “3D Modeling and Design Validation Software, SolidWorks & Manufacturing Solution, CAM Works” held on 18th August 2009, conducted by CADD CENTRE Software Solutions Pvt. Ltd., Chennai.
31. Successfully completed the short term course on “Advanced Structural Analysis” during 9th to 13th October, 2006 under Continuing Education Programme organized by the Department of Aerospace Engineering Department, Indian Institute of Technology, Kharagpur.
32. Participated in the “Technopreneurship Development Program on Advanced Composites” from 17th to 22nd July, 2006, sponsored by TIFAC, Department of Science and Technology(DST), New Delhi, Small Industries Development Bank of India (SIDBI), Visakhapatnam & jointly organized by Department’s of Mechanical Engineering and Industrial Production Engineering College of Engineering, GITAM, Visakhapatnam.
33. Attended one day National Workshop on “Applications of Optimization Techniques in Industrial Engineering-OPTECH ‘05” during 10th December, 2005 organized by Department of Industrial & Production Engineering, Koneru Lakshmaiah College of Engineering.
34. Participated in one day workshop on “Environment and Pollution Awareness” sponsored by AICTE and organized by Lakireddy Bali Reddy College of Engineering, Mylavaram on 12th June 2004.

35. Participated and successfully completed the AICTE-ISTE, Short Term Training Programme (STTP) on “Advanced Metal Working Techniques & Finite Element Simulations in Metal Forming” over the two week period from 30th June to 11th July, 2003, organized by the Department of Mechanical Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad.
36. Participated in the UGC Seminar on “Current Computer & Information Trends” organized by Department of CSE, IT & MCA, R.V.R & J.C. College of Engineering, Guntur during December 28-29, 2001.
37. Participated in the two day short term course on “Finite Element Method” during 5th to 6th October, 2001 organized by the Department of Civil Engineering, R.V.R & J.C College of engineering, Guntur.
38. Participated in the three week Induction Training Programme held during May-June 2000, sponsored by AICTE, organized by Regional Engineering College (NIT), Kurukshetra.
39. Participated in the two day seminar on “Productivity Challenges of 21st Century” held from 27th to 28th April, 1999 organized by the Department of Management Sciences and the Department of Industrial and Production Engineering, R.V.R& J.C College of Engineering, Guntur.

OTHER INFORMATION:

- Life member of Indian Society for Technical Education (ISTE)-LM37538
- Member of International Association of Engineers (IAENG)-126669
- Reviewer for International Journal of Engineering Research and Technology (ISSN: 2278-0181).
- Member of International Scientific Committee and Editorial Review Board on Aerospace and Mechanical Engineering, World Academy of Science, Engineering and Technology (WASET).
- Acted as a Judge for technical paper presentations, Session chair during FDP.
- Acted as Chief Superintendent for conducting UGC NET Exam.
- Acted as Deputy Chief Superintendent for conducting AIEEE, EAMCET, JEE, NEET Exams etc.
- Prizes were awarded by Sri Satya Sai Educational Society for securing First Rank in B.Tech.
- Actively involved for securing good grade by NBA for five times.
- Guided number of M.Tech and B.Tech Projects.

B.RAMGOPAL REDDY