

Mr. B Ramakrishna

Assistant Professor



Education Qualifications : M Tech (Ph.D)
Specialization : Thermal Engineering

ADDRESS:

- B – Block -Room No 302

JNTUH ID:

33150404-201747

EMAIL:

bramakrishna_mct@mgit.ac.in

DATE OF JOINING:

02-12-2014

EXPERIENCE – 11 Years

- Teaching - 11

SUMMARY:

- Publications - 16
- Conferences - 08

EVENTS:

- Organized - 05
- Attended – 81

LET'S MEET ON SOCIAL:

www.Linkedin.com/in/ramakrishnaburlamgithyderabad

Membership of Professional Bodies:

1. Life Member in MISTE [LM 124429]

Responsibilities Held at Institution Level:

1. Member of anti-ragging committee to make sure that there is no ragging activity in the campus.
2. Invigilation duties for Internal/mid and end semester exams

Responsibilities Held at Department Level:

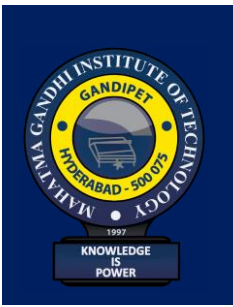
1. Continuously updating files for NBA, Autonomous and NAAC.
2. Alumni Coordinator
3. Placement Coordinator
4. Thermal Lab Incharge.

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Engineering Mechanics, Engineering Drawing, Strength Of Materials, Thermal Engineering-I, Thermal Engineering –II, Heat Transfer, Power Plant Engineering.

Publications:

1. B Ramakrishna, M.V.S Murali Krishna, P Usha sri “ Effect of Injection Pressure on Exhaust Emissions of Diesel Engine Fuelled with Biogas and Biodiesel” Natural Volatiles and Essential Oils (NVEO), Volume VIII, Issue IV, November 2021.
2. D Kameshwara Rao , B Ramakrishna, “Electricity Generation from thermoacoustic engine ” Journal of Shanghai Jiaotong University, ISSN: 1007-1172, Volume 17, Issue 9, September - 2021.
3. B Ramakrishna, M.V.S Murali Krishna, P Usha sri “Comparative investigations on performance parameters of insulated diesel engine and conventional diesel engine with biogas” Science, Technology and Development, ISSN : 0950-0707, Volume x, Issue VIII August 2021.
4. B Ramakrishna, D Kameshwara Rao “Pneumatically Controlled Wheel for Angular Rotation of Vehicle ” Journal of Shanghai Jiaotong University, ISSN: 1007-1172, Volume 17, Issue 8, August – 2021.
5. B Ramakrishna, M.V.S Murali Krishna, P Usha sri “Comparative investigations on exhaust emissions of insulated diesel engine and conventional diesel engine with biogas” Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162), August-2021.
6. B Ramakrishna, M.V.S Murali Krishna, P Usha sri “ Experimental investigations on exhaust emissions of diesel engine fueled with biogas ”



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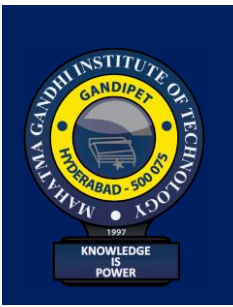
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International Journal of Mechanical Engineering and Technology (IJMET), July 2021, <https://iaeme.com/Home/journal/IJMET>.

7. B Ramakrishna, M.V.S Murali Krishna, P Usha sri “ Experimental investigations on exhaust emissions of diesel engine fueled with biogas ” International Journal of Mechanical Engineering and Technology (IJMET), July 2021, <https://iaeme.com/Home/journal/IJMET>.
8. B Ramakrishna, M.V.S Murali Krishna, P Usha sri “Influence of injection pressure on exhaust emissions of insulated diesel engine fuelled with biogas and biodiesel” International Journal of Mechanical Engineering and Technology (IJMET), July 2021, DOI:10.34218/IJMET.12.7.2021.004.
9. J. Pavan kumar, K.Sudhakar Reddy, B. RamaKrishna, “Analysis of Power Generation from Vertical Axis Wind Turbine ” , GIS Science Journal , ISSN NO : 1869-9391, Volume 8, Issue 6, June - 2021.
10. B Ramakrishna, K Sudheer Kumar, D Kameshwara Rao “Design and Fabrication of Hybrid Vehicle” STD- Science, Technology and Development, ISSN : 0950-0707, Volume IX , Issue III , March 2020, Page No : 554- 561 .
11. K Sudheer Kumar, B Ramakrishna, B Ramu “Analysis of Various Methods of Diffuser Wall Cooling in High Altitude Test Facility” STD- Science, Technology and Development, ISSN : 0950-0707 , Volume IX, Issue V, May 2020, Page No : 294-299.
12. B Ramakrishna, J Pavan kumar , M Yadi reddy, K sudheer kumar “Thermal Analysis of Double Pipe Heat Exchanger with Different Mass Flowrates” IJCER - International Journal of Computational Engineering Research, ISSN (e): 2250 – 3005 , Volume, 08, Issue, 2, February – 2018 , Page No : 50-55.
13. K Sudheer Kumar, B Ramakrishna, B Ramu “Analysis of Various Methods of Diffuser Wall Cooling in High Altitude Test Facility” STD- Science, Technology and Development, ISSN : 0950-0707 , Volume IX, Issue V, May 2020, Page No : 294-299.
14. J. Pavan kumar, B. RamaKrishna, J Venkatesh, “Analysis of Davis steering gear mechanism for four wheels and six wheels” IJIRST – International Journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010, Volume 3, Issue 08, January 2017, pp 112-116.
15. B.RamaKrishna , J. Pavan kumar ” Experimental study on double pipe heat exchanger with fin” IJSRD- International Journal for Scientific Research & Development, ISSN (online): 2321-0613, Vol. 4, Issue 09, Nov 2016, pp 504-506.
16. B.RamaKrishna , J. Pavan kumar ,D. Srikanth “Design of Counter Flow Heat Exchanger using Steel as a Material by CFD Analysis” IJSTE - International Journal of Science Technology & Engineering || ISSN (online): 2349-784X || Volume 3, Issue 01, July 2016, pp 215-219.

Conferences:

1. Participated and presented in the 1st International Conference on Materials, Energy, and Mechanical Engineering (ICME2-2021) “

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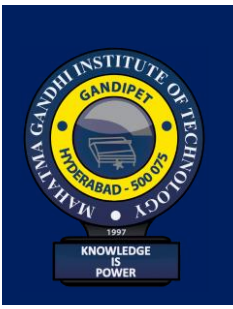
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“Effect of injection timing on exhaust emissions of insulated diesel engine with biogas” Organised by Department of Mechanical Engineering Madanapalle Institute of Technology & Science, Madanapalle-517325, India held during 17th &18th December 2021

2. Participated and presented in the Virtual International Conference on Recent Advancements in Mechanical Engineering (ICRAME 2021) “Variation of Mechanical Properties of Polyester Fiber Composite Laminate by Using Different Angle Ply Orientations” at Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli, TamilNadu on 30th March, 2021
3. Participated and presented in the First National Level Virtual Conference on "Advances in Materials and Manufacturing Systems-2020" on "Evaluation of Mechanical Properties of a Hybrid composite" at Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology, Coimbatore, Tamilnadu on 3rd July 2020.
4. Participated and presented in the International Conference on Recent Trends on Engineering and Technology-2020 on “ A Comparative Study on the Performance and Emission characteristics of a Diesel Engine Operated by using Pongamia and Mahua Oil Blends - A Review ”at Vundavalli Satyanarayana Murthy College of Engineering, Ramchandrapuram, AP on 25th July 2020.
5. Participated and presented in the National Conference on Optimization Techniques and Recent Innovations in Design, Manufacturing And Thermal Engineering- NCRIDMT 2020 on "Emission Characteristics Of Four Stroke Single Cylinder Diesel Engine By Using Pongamia Blends" at Department of Mechanical Engineering, Santhiram Engineering College, Nandyal, Kurnool (Dt), A.P. in association with Indian Servers and Brain O Vision, Hyderabad on 13th June 2020.
6. Participated and presented in the 2nd International Conference on Advancements in AeroMechanical Materials for Manufacturing (ICAAMM 2018) on “Formability of sheet Metals - A Review “ at MLR Institute of Technology, Hyderabad on 13th &14th July 2018.
7. Participated and presented in the International Conference on Research in Engineering, Technology and Management -2018 on “Design and analysis of Inclination Angle on Davis steering gear mechanism ” at Mother Theresa College of Engineering and Technology, Peddapalli., Telangana on 20th February 2018.
8. Participated and Presented paper in National conference on “Innovative research in Engineering and Technology” on 8th and 9th May 2015 at Vaageswari college of Engineering, karimanagar.

Events Organized:**FDPs/STTPs:**

1. Co Convener for five days online faculty development program on “Recent Advances in Mechanical Engineering: A Research Perspective” Conducted by department of Mechanical engineering, MGIT, Hyderabad from 6th to 10th July 2020.
2. Member for One week Online Short Term Training Programme (STTP) on



“ Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and their Applications for Future Challenges” Conducted by department of Mechanical engineering, MGIT, Hyderabad from 2nd to 7th November 2020.

Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

1. One day online work shop on “ Design Now workshop ” conducted by ICT Academy and department of mechanical Engineering , MGIT Hyderabad on 19-10-2020.
2. One day online work shop on “ Design Now workshop ” conducted by ICT Academy and department of mechanical Engineering , MGIT Hyderabad on 05-12-2020.
3. One day online work shop on “ Design Now workshop ” conducted by ICT Academy and department of mechanical Engineering , MGIT Hyderabad on 18 -01-2021.

Events Attended:

FDPs/STTPs:

1. Participated in Five Day Faculty Development Program on “ Recent Trends in Thermal Engineering ” organized by Department of Of mechanical Engineering , Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru , AP from 6th to 10th September 2021.
2. Participated in FDP on “Emerging Technologies in Automotive Industry” organized by department of Automobile Engineering, Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology, Hyderabad from 16th to 20th August 2021.
3. Participated in ATAL FDP on "Applications of Artificial Intelligence in Mechanical Engineering" organised by Department of Mechanical Engineering , K.Ramakrishnan College Of Engineering, Tamil Nadu from 2nd to 6th August 2021.
4. Participated in AICTE Sponsored One Week Online STTP on " “Innovations and Challenges in Industry 4.0 Automation and Smart Manufacturing” organized by Department of Mechanical Engineering, Kallam Haranadha Reddy Institute of Technology , Guntur , AP from 26th – 31st July 2021.
5. Participated in three days faculty development program on “Advances of Finite Element Method” Under TEQIP – III Jawaharlal Nehru Technological University Hyderabad.orgnized by Departments of Civil & Mechanical Engineering , Vidya Jyothi Institute of Technology , Hyderabad, during 18th to 20th February 2021.
6. Participated in three days FDP on “Laws of Thermodynamics & their Applications” organized by the Department of Mechanical Engineering, JNTUH College of Engineering, Hyderabad during 8th Feb to 10th February 2021.

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Attended the Webinar on "Automotive Product Manufacturing Process & It's QMS Requirements" Organised by Department of Mechanical and Automobile Engineering, Arasu Engineering College , Kumbakonam on 6th June 2021.
2. Participated in Three days National workshop on “ NAAC Assessment

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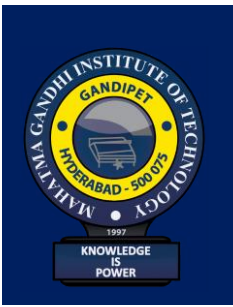
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and Accreditation: A Step by Step process” IQAC , Chadalawada Ramanamma Engineering College , (autonomous), Tirupati, AP on 27th to 29th May 2021.

3. Attended the Webinar on "Automotive Product Manufacturing Process & It's QMS Requirements" Organised by Department of Mechanical and Automobile Engineering, Arasu Engineering College , Kumbakonam on 6th June 2021.
4. Participated in Three days National workshop on “ NAAC Assessment and Accreditation: A Step by Step process” IQAC , Chadalawada Ramanamma Engineering College , (autonomous), Tirupati, AP on 27th to 29th May 2021.
5. Attended the One Day National Level Online Webinar on “Lean Startup and Business Product ” organised by MVSR- Institution Innovation Council (IIC), Hyderabad, on 21st May 2021.
6. Attended the One Day seminar on “ Recent Advances in Automobile Engineering ” by Department of Mechanical Engineering, Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada under AICTE Margadarshan on 28th April 2021.

Online Certifications:

1. Completed Coursera Subjects in
 - i) "Introduction to thermodynamics: moving energy from here to there"
 - ii) "Digital Manufacturing & Design" .
 - iii) "Mechanics of Materials I: Fundamentals of stress & strain and Axial loading"
 - iv) "Material Science: 10 things every engineer should know"
 - v) Mechanics of Materials II:Thin-Walled Pressure Vessels and Torision
2. Completed NPTEL Online Certification Course in
“Conduction and Convection Heat Transfer

Any Other Contribution:

- 1.No. of online webinar’s attended : 35**
- 2. No. of online FDP’s attended : 29**
- 3. No. of online STTP’s attended : 10**
- 4. No. of online workshop’s attended : 07**