

Dr. P. Venkata Ramana

Professor and Controller of Examinations



Education Qualifications: M.Tech.(IM); M.Tech.(PE); Ph.D. (ME)
Specialization: Production Engineering/ Materials Joining

ADDRESS:
B – Block -Room No. 105

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48150405-232624

EMAIL:
pvenkataramana_mct@mgit.ac.in

DATE OF JOINING:
15-12-1997

EXPERIENCE - 28 Years

- Teaching - 26
- Research -13 (Inclusive of Teaching Experience)
- Industry -2

SUMMARY:

- Publications - 22
- Conferences – 38
- Honors/ Awards – 14

EVENTS:

- Organized - 50
- Attended - 250

LET'S MEET ON SOCIAL:

- <https://www.linkedin.com/in/dr-venkata-ramana-p-76356415/>

Membership of Professional Bodies:

1. Fellow – Telangana Academy of Sciences – (2020)
2. Fellow – Institution of Engineers (India) - F-118130-7 - (2013)
3. Life Member - Indian Institute of Metals – LM01-57989 - (2020)
4. Life Member – Society of Failure Analysis – FLM-SFA-0093 - (2012)
5. Life Member - Indian Institute of Welding - HYD/M/R-10501/L - (2010)
6. Life Member - Indian Welding Society – L00271 - (2008)
7. Life Member - Indian Society for Technical Education – LM-35547 - (2003)

Responsibilities Held at Institution Level:

1. Controller of Examinations from 23-05-2022 to till date.
2. Director, Career Development Cell (CDC) from 18-10-2021 to 25-08-2022.
3. Member, Academic Council, MGIT for AY 2021-22; 2022-23.
4. Convener, Anti Ragging Committee, MGIT from AY 2016-17 to 2021-22.
5. Convener, Food Committee, MGIT for AY 2017-18.
6. Industry Liaison Officer for CE, ME and MME branches (2017-2019).
7. Training and Placement Officer from 13.08.2012 to 30.04.2015.
8. Chief Coordinator, Industry-Institute Partnership Cell, funded by AICTE, from May 2011 to Aug 2023.
9. Faculty Advisor, ISTE Students' Chapter – MGIT since 2003.
10. Convener, NIRVANA (college annual techno-cultural fest) for eight times.
11. Convener, MAGISTECH (ISTE Students' Chapter National Level Technical Symposium) for eight times.

Responsibilities Held at Department Level:

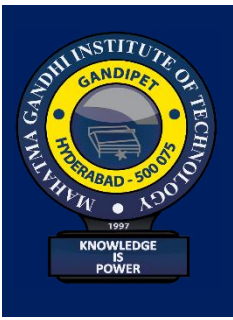
1. In-charge Head of the Dept. (In the absence of HoD).
2. Member, NBA, NAAC and Autonomous Committees of the Department.
3. In-charge, Mechanics of Solids Lab.

Research Guidance:

1. Ph.D. – 2 (In progress)
2. M.Tech. - 8
3. B.Tech. - 38

Honors/Awards Received:

1. Member, Executive Council, Indian Society for Technical Education (ISTE), New Delhi (2020-24).
2. Vice-Chairman, the Indian Institute of Welding, Hyderabad Branch.
3. Distinguished Alumni Award by Kakatiya Institute of Technology and Science (KITS), Warangal (2018).
4. Prof. Placid Rodriguez Memorial Lecture – 2016 Award by Indian Institute of Welding (IIW).



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5. Hon. Secretary, the Indian Institute of Welding (IIW), Hyderabad Branch. (2014-15 to 2021-22)
6. Member, Managing Committee, Indian Society for Technical Education (ISTE) Telangana Section (2015-2019).
7. Executive Member, Indian Welding Society (IWS), Hyderabad Centre (2015-19).
8. As the Faculty Advisor, received ISTE Best Students' Chapter Award for the year 2013.
9. Weldwell Speciality Award-2010, a National award for Best Ph.D. Thesis in the field of welding in India, given by Indian Institute of Welding (IIW).
10. IWS Award for best presentation at International Welding Symposium held at Mumbai, India.
11. I.T.Mirchandani Memorial Research Award for First Best Research Paper in National Welding Seminar-2010 held at Visakhapatnam.
12. H.D.Govindraj Memorial Research Award for Second Best Research Paper in National Welding Seminar-2010 held at Visakhapatnam.
13. D&H Secheron Award for Best Presentation in National Welding Seminar-2010 held at Visakhapatnam.
14. Appreciation letter as Best Teacher from Secretary and Correspondent, MGIT.

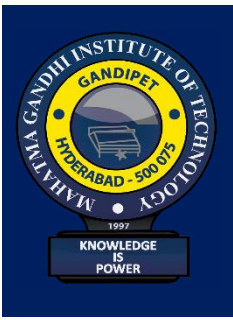
Courses Handled at Undergraduate /Post Graduate Level:

- **UG:** Engineering Mechanics, Engineering Graphics, Mechanics of Solids, Automobile Engineering, Mechatronics, Automation in Manufacturing, Flexible Manufacturing Systems, Additive Manufacturing.
- **PG:** Automation in Manufacturing, Intelligent Manufacturing Systems, Additive Manufacturing Technologies.

Publications:

International Journals: 19

1. Y N Aditya, P Venkata Ramana, Y Akshay and K Ramanjaneyulu, Investigation of detonation spray deposited Cr₃C₂-NiCr cermet coatings for hard-facing applications, Materials Today: Proceedings, 26 February 2023 (available online), Scopus Indexed, Elsevier. (ISSN: 2214-7853) (<https://doi.org/10.1016/j.matpr.2023.02.075>)
2. Stanley Vardhanapu and P. Venkata Ramana, Design and Fabrication of a Stewart Platform for 3D Printing, The International Journal of Analytical and Experimental Modal Analysis, Volume XV, Issue II, February/2023, 341-353. ISSN NO: 0886-9367.
3. Shaik Adeeb Hussain and P. Venkata Ramana, Analysis of Efficiency of a Solar Tree with Automatic Tracking System, The International Journal Of Analytical And Experimental Modal Analysis, Vol. XIV, Issue VII, July 2022, 285-290. ISSN No.: 0886-9367.
4. P. Venkata Ramana, M. Pratyusha, K. Ramanjaneyulu and P. Narsimha, Effect of Forge Force on Mechanical Properties of Dissimilar Metal Friction Welds of Stainless Steel and Low Carbon Steel, International Journal of Mechanical Engineering and Technology (IJMET), 13(6), 2022, pp. 42-48. ISSN Online: 0976-6359. DOI: <https://doi.org/10.17605/OSF.IO/73R>.
5. Pratyusha M, Venkata Ramana P and Prasanthi G, Deformation Rate and Weld Time Influence on Optimized Dissimilar Metal Friction Welds of Pure Aluminium and Pure Copper, Specialusis Ugdyamas, Vol. 1 No. 43 (2022), 7859 – 7869, Scopus Indexed, (ISSN Online: 1392-5369)



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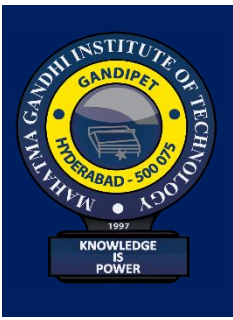
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6. Firasath Ali M., **Venkata Ramana P.** (Jan 2022) Design and Development of a Prototype Agribot. Innovations in Mechanical Engineering. Lecture Notes in Mechanical Engineering, pp 675-688, Springer, Singapore. https://doi.org/10.1007/978-981-16-7282-8_50; ISBN: 978-981-16-7281-1
7. M.Pratyusha, **P.Venkata Ramana**, V.V.N.Satya Suresh and K. Ramanjaneyulu, Electrical Discharge Machining of Titanium Alloy – Process Parameter Optimization by Grey Relational Analysis, International Journal of Management, Technology And Engineering, Volume XI, Issue VI, JUNE/2021, 134-142, ISSN : 2249-7455; doi:16.100089/IJMTE
8. S Navaneetha and **P.Venkata Ramana**, Design and Fabrication of A Robot for Scrap Collection, International Journal of Engineering Research and Technology, Vol.10, Issue 3, March 2021, ISSN 2278-0181.
9. **Venkata Ramana P**, Sai Rohan Gogulapati, Adithya Sharma K, Sanjay K and Varun Raj N, Design and Analysis of Vehicle Tyres with Phase Change Material for Anti-freezing, Intelligent Manufacturing and Energy Sustainability: Proceedings of ICIMES 2019, Scopus Indexed, Springer, Vol. 213, 77-84, 10.1007/978-981-15-1616-0, ISSN - 2190-3018
10. V.V.N. Satya Suresh, A. Suresh, S.P. Regalla, **P.V. Ramana** and O. Vamshikrishna, Sustainability Aspects in the Warm Forming of Tailor Welded Blanks, E3S Web of Conferences 184, 01042 (2020), ICMED 2020, pp 1-5, Scopus Indexed. (E-ISSN:2267-1242), <https://doi.org/10.1051/e3sconf/202018401042>; Published online: 19 August 2020.
11. Pratyusha M, **Venkata Ramana P** and Prasanthi G, Evaluation of Tensile Strength of Dissimilar Metal Pure Aluminium and Pure Copper Friction Welds, Materials Today: Proceedings, July 2020 Scopus Indexed, Elsevier. (ISSN: 2214-7853) (<https://doi.org/10.1016/j.matpr.2020.06.385>)
12. Pratyusha M, **Venkata Ramana P** and Prasanthi G, Effect of End Profile on Dissimilar Metal Friction Welds of Pure Aluminium and Pure Copper, International Journal of Mechanical and Production Engineering Research and Development, Vol. 10, Issue 3, Jun 2020, 921-932, Scopus Indexed, ISSN (P): 2249-6890; ISSN (E): 2249-8001. (doi: 10.24247/ijmperdjun202082; Impact factor - 8.876)
13. P.Narsimha, L. Siva Rama Krishna, and **P.Venkata Ramana**, Effect of Welding Process and Weld Design on Mechanical Properties of RAFM Steel Weldments, International Journal of Scientific and Technology Research, Vol. 9, No.4, 2131-2136. Scopus Indexed no.208, ISSN 2277-8616. (doi: nil; Impact factor – 5.186)
14. G.Madhusudhan Reddy and **P.Venkata Ramana**, Role of Nickel as an Interlayer in Dissimilar Metal Friction Welding of Maraging Steel to Low Alloy Steel, Journal of Materials Processing Technology (Elsevier Publication), Vol. 212, No.1, January 2012, 66-77. SCI No.5321; Monthly ISSN: 0924-0136;
15. G.Madhusudhan Reddy and **P.Venkata Ramana**, Influence of Filler Material Composition on the Residual Stress Distribution of Dissimilar Gas Tungsten Arc Weldments of Ultrahigh Strength Steels, Science and Technology of Welding and Joining(Maney Publication, U.K.), Vol.16, No.3, 2011, 273-278. SCI No.8155; Bimonthly ISSN: 1362-1718.
16. **P.Venkata Ramana** and G.Madhusudhan Reddy, Influence of surface remelting on distribution of residual stresses in medium alloy medium carbon steel gas tungsten arc weldment, Journal of Engineering Manufacture, Proceedings of the Institution of Mechanical Engineers, Part B, United Kingdom-Vol.224, No.B5, 2010, 739-744. SCI No.7638; Monthly ISSN: 0954-4054
17. **P.Venkata Ramana**, G.Madhusudhan Reddy and A.V.S.S.K.S. Gupta, Microstructure and residual stress distribution of similar and dissimilar



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electron beam welds- Maraging steel to Medium alloy medium carbon steel, Materials and Design (Elsevier Publication), Vol.31, No.2, 2010, 749-760. SCI No.6316; Semimonthly ISSN: 0264-1275

18. **P.Venkata Ramana**, G.Madhusudhan Reddy and A.V.S.S.K.S. Gupta, Influence of parent metal mechanical properties on those of the different ultra-high-strength steel electron beam welds, Steel Grips (Grips media GmbH, Germany) – Vol.7, No.6,2009, 441-448.
19. **P.Venkata Ramana**, G.Madhusudhan Reddy and T.Mohandas, Microstructure, hardness and residual stress distribution in maraging steel gas tungsten arc weldments, Science and Technology of Welding and Joining(Maney Publication, U.K.), Vol.13, No.4, 2008, 388-394. SCI No.8155; Bimonthly ISSN: 1362-1718

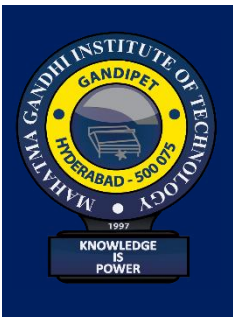
National Journals: 3

20. **P.Venkata Ramana**, A study on Welding of Ultrahigh Strength Steels, Indian Welding Journal, 2017, Vol.50, No.1, 53-64.
21. **P.Venkata Ramana** and G.Madhusudhan Reddy, Dissimilar Metal Gas Tungsten Arc Weldments of Maraging Steel and Medium Alloy Medium Carbon Steel – Effect of Post-Weld Heat Treatments, Indian Welding Journal, 2012, Vol.45, No.1, 47-62.
22. **P.Venkata Ramana**, G.Madhusudhan Reddy and T.Mohandas, Residual stress distribution in high strength low alloy steel weldments, Journal of Non-destructive Testing & Evaluation, 2007, Vol.6, No.1, 33-40.

Conferences:

International Conferences: 19

1. Y N Aditya, P Venkata Ramana, Y Akshay and K Ramanjaneyulu, Investigation of detonation spray deposited Cr₃C₂-NiCr cermet coatings for hard facing applications, 2nd International Conference & Exposition on Mechanical, Material and Manufacturing Technology (ICE3MT2022). CVR College of Engineering, Hyderabad, India, October 28-29, 2022.
2. Shaik Adeeb Hussain and Venkata Ramana P, Design and Development of Solar Tree with Tracking System, AICTE sponsored International Conference on Energy Sustainability (AICTE-ES-2022), Kakatiya Institute of Technology and Science, Warangal, 21-22 May 2022.
3. **Venkata Ramana P**, Anirudh Korkonda Bhattar, Raghavendra Varma G, Shashikanth P and Varun Krishna K, Analysis of Topology Optimized Components in the Upright Assembly of a Race Car, International Conference on Materials Science and Manufacturing Engineering - ICMSME'21, Sri Shakthi Institute of Engineering and Technology, Coimbatore, Tamil Nadu, 10 – 11 December 2021.
4. Pratyusha M, **Venkata Ramana P** and Prasanthi G, Optimization of Process Parameters Dissimilar Metal Friction Welds of Pure Aluminium and Pure Copper using Grey Relational Analysis, International Conference on Materials Science and Manufacturing Engineering - ICMSME'21, Sri Shakthi Institute of Engineering and Technology, Coimbatore, Tamil Nadu, 10 – 11 December 2021.
5. Mohd. Firasath Ali and **P.Venkata Ramana**, Design and Development of a Prototype Agrirobot, 4th International Conference on Innovations in Mechanical Engineering (ICIME-2021), 26 -27 February 2021, GNIT, Hyderabad.
6. **Venkata Ramana P**, Sai Rohan Gogulapati, Adithya Sharma K, Sanjay K and Varun Raj N, Design and Analysis of Vehicle Tyres with Phase Change Material for Anti-freezing, 2nd International Conference on Intelligent



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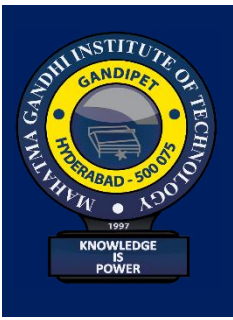
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Manufacturing and Energy Sustainability (ICIMES-2020), MRCET, 21-22 August 2020.

7. Sai Abhiram Nibhanupudi, Sai Rohan Gogulapati, Sri Sai Sumanth Pendyala, **Venkata Ramana P**; Design of Electric Motorbike Embedded with Perovskite Solar Cells, 13th International Motorcycle Conference 2020, Cologne, Germany, 6-7 October 2020. (Proceedings published by Forschungshefte Zweiradsicherheit ifz-Research Publication Series, ISSN 2701-522X)
8. **P.Venkata Ramana** and G. Madhusudhan Reddy, Dissimilar Metal Friction Welding of Pure Titanium and Pure Nickel using Interlayers, International Congress 2020 (IC2020), 6-8 February 2020 organized by International Institute of Welding at Mumbai.
9. Pratyusha M, **Venkata Ramana P** and Prasanthi G, Dissimilar Metal Friction Welds of Pure Aluminium and Pure Copper - Influence of Joint Design, International Congress 2020 (IC2020), 6-8 February 2020 organized by International Institute of Welding at Mumbai.
10. P.Narsimha, L. Siva Rama Krishna, **P.Venkata Ramana** and K.Ramanjaneyulu, Effect of Welding Process on Mechanical Properties of RAFM Steel Weldments, International Congress 2020 (IC2020), 6-8 February 2020 organized by International Institute of Welding at Mumbai
11. **P.Venkata Ramana**, V.Venkateswara Rao and G. Madhusudhan Reddy, A Study on Tensile properties of Dissimilar Metal Friction Welds of Maraging Steel (MDN 250) and Low Alloy Steel (AISI 4340), International Conference on Advanced Materials and Processes for Defence Applications (ADMAT-2019), 23-25 September 2019 organized by DMRL, ASM and IIM at Hyderabad.
12. K.Ramanjaneyulu, **P.Venkata Ramana**, Rao and G.Madhusudhan Reddy, Influence of Tool Pin Profile on Residual Stresses in Stir Zone of AA2014 Friction Stir Welds, International Conference on Advanced Materials and Processes for Defence Applications (ADMAT-2019), 23-25 September 2019 organized by DMRL, ASM and IIM at Hyderabad.
13. Pratyusha M, **Venkata Ramana P**, Prasanthi G and Chandra Sekhar B, “Dissimilar Metal Friction Welds of Pure Aluminium and Pure Copper – Process Parameters Optimization”, International Conference on Advanced Materials and Processes for Defence Applications (ADMAT-2019), 23-25 September 2019 organized by DMRL, ASM and IIM at Hyderabad.
14. Satya Suresh V.V.N, Srinivasa Prakash Regalla and **P.Venkata Ramana**, Comparison of Welding Processes in the Forming of Tailor Welded Blanks, The International Institute of Welding 6th Welding Research and Collaboration Colloquium, 7 – 9 April 2016, Hyderabad.
15. **P.Venkata Ramana** and G.Madhusudhan Reddy, Dissimilar Metal Electron Beam Weldments of Maraging Steel and Medium Alloy Medium Carbon Steel – Effect of Post-Weld Heat Treatments on Mechanical Properties, International Institute of Welding International Conference (IIW-IC 2011), 21-22 July 2011, Chennai.
16. **P.Venkata Ramana** and G.Madhusudhan Reddy, Microstructure and mechanical properties of similar and dissimilar gas tungsten arc weldments of maraging steel and medium alloy medium carbon steel, International Welding Symposium (IWS2k10), 10-12 February 2010, Mumbai.
17. **P.Venkata Ramana** and G.Madhusudhan Reddy, Effect of welding consumables on tensile strength, hardness and impact toughness of maraging steel gas tungsten arc welds, International symposium for Research Scholars (ISRS-2008), 10-12 December 2008, IIT Madras, Chennai, India.
18. **P.Venkata Ramana** and G.Madhusudhan Reddy, Influence of filler metal composition on microstructure and residual stress distribution of maraging



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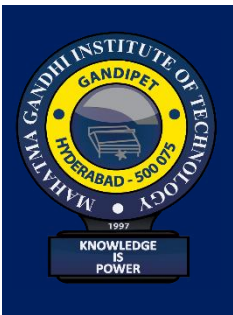
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steel gas tungsten arc weldments, International Institute of Welding- International Conference, IIW-IC 2008, 8-10 January 2008, Chennai, India.

19. **P.Venkata Ramana**, G.Madhusudhan Reddy and T.Mohandas, Effect of base metal heat treatment history and preheat on residual stress in high strength low alloy steel weldments, International Welding Conference (IWC'99) on Welding and Allied Technology, 15-17 February 1999, New Delhi.

National Conferences : 18

20. **P.Venkata Ramana**, V.Venkateswara Rao and G. Madhusudhan Reddy, Evaluation of Tensile properties of Dissimilar Metal Friction Welds of Maraging Steel and Low Alloy Steel, National Seminar on Welding Science and Technology – Present Status and Future Direction (NSWEST-2021), 23-24 July 2021 organized by The Indian Institute of Welding, Chennai Branch.
21. K.Sri Harika and **P.Venkata Ramana**, Design and Fabrication of Automated Child Safety System in Automobiles, All India Seminar on Digital and Automation Entry into the Future Factories, 14-15 July 2017, The Institution of Engineers (IEI), Telangana State Centre, Hyderabad.
22. K.Ramanjaneyulu, **P.Venkata Ramana** and G.Madhusudhan Reddy, Advanced studies on influence of tool shoulder and tool pin profile on friction stir welds of AA 2014 aluminium alloys, National Welding Seminar (NWS-2016), 15 – 17 December 2016, Kolkata.
23. M.Pratyusha, **P.Venkata Ramana** and G.Prasanthi, An Overview of Joining of Al and its Alloys by Fusion and Solid-state Welding Processes, 6th National Conference on “Advances in Mechanical Engineering (AIM) – 2016”, 6 – 7 October 2016, Vasavi College of Engineering, Hyderabad.
24. **P.Venkata Ramana**, P.Mastanaiah and G.Madhusudhan Reddy, A Study on Residual Stress Distribution in the Dissimilar Metal Electron Beam Weldments of Ultrahigh Strength Steels, 25th National Seminar and International Exhibition on Non-Destructive Evaluation (NDE – 2015), 26 -28 November 2015, Hyderabad.
25. M.Pratyusha and **P.Venkata Ramana**, An overview of similar and dissimilar metal friction stir Al and Cu, National Conference on Advances in Mechanical Engineering, 19 - 20 September 2014. Nalla Malla Reddy Engineering College, Hyderabad.
26. P.Sampath Kumar and **P.Venkata Ramana**, Problems associated with dissimilar metal welds on transition joints – Literature review, National Conference on Advancement, Innovations in Engineering, Technology and Management, 19-20 March 2014, Joginpally B.R. Engineering College, Hyderabad.
27. G.Madhusudhan Reddy and **P.Venkata Ramana**, Microstructure and Impact Toughness of Dissimilar Metal Friction Welds of Maraging Steel and Low Alloy Steel, National Welding Seminar (NWS-2013), 7-9 February 2013, Bengaluru, India.
28. M.Pratyusha, M.Srinivas Rao and **P.Venkata Ramana**, Implementation Taguchi Method on EDM of Titanium alloy, National Conference on “Advances in Mechanical Engineering (AIM) – 2012”, 11–12 October 2012, Vasavi College of Engineering, Hyderabad
29. **P.Venkata Ramana** and G.Madhusudhan Reddy, A Study of Dissimilar Metal Gas Tungsten Arc Welds of Ultrahigh Strength Steels, National Welding Seminar (NWS-2011), 15-17 December 2011, Bhilai Steel Plant, India.
30. **P.Venkata Ramana** and G.Madhusudhan Reddy, Dissimilar Metal Gas Tungsten Arc Weldments of Maraging Steel and Medium Alloy Medium



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Carbon Steel – Effect of Post-Weld Heat Treatments, National Welding Seminar (NWS-2010), 21-23 December 2010, Visakhapatnam, India.

31. G.Madhusudhan Reddy and **P.Venkata Ramana**, Dissimilar Metal Friction Welding of Maraging Steel to Low Alloy Steel with Nickel as an Interlayer, National Welding Seminar (NWS-2010), 21-23 December 2010, Visakhapatnam, India.
32. G.Madhusudhan Reddy, V.Venkteswara Rao and **P.Venkata Ramana**, Dissimilar Metal Gas Tungsten Arc Welds of Maraging Steel and High Strength Low Alloy Steel – Microstructure and Mechanical Properties, National Welding Seminar (NWS-2010), 21-23 December 2010, Visakhapatnam, India.
33. V.Venkteswara Rao, **P.Venkata Ramana**, G.Madhusudhan Reddy and A.V.Sitarama Raju, Influence of pre-weld heat treatment on microstructure, hardness and residual stresses in similar and dissimilar metal gas tungsten arc weldments of maraging steel and high strength low alloy steel, National Welding Meet (NWM-2010), 6 August 2010, Pondicherry, India.
34. **P.Venkata Ramana** and G.Madhusudhan Reddy, Microstructure, residual stress distribution and hardness of similar and dissimilar gas tungsten arc weldments of maraging steel and medium alloy medium carbon steel, National Welding Seminar (NWS-09), 10-12 December 2009, Kolkata, India.
35. K.V.Kasi Viswanatham and **P.Venkata Ramana**, Influence of machining conditions on performance characteristics, Manufacturing Modeling and Analysis- A National Conference, 11-12 February 2004, St. Joseph College of Engineering, Chennai.
36. **P.Venkata Ramana** and R.Uday Kumar, Residual stresses in Dissimilar Metal Pipe Welds, National Conference on Advances in Joining Technology, NCAJT-2004, 23-24 January 2004, Vasavi College of Engineering, Hyderabad.
37. R.Uday Kumar and **P.Venkata Ramana**, Measurement of stainless steel cladding thickness by using magnetic sensor, National Conference on Advances in Joining Technology, NCAJT-2004, 23-24 January 2004, Vasavi College of Engineering, Hyderabad.

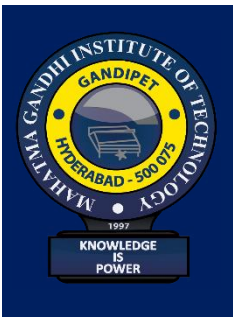
Research & Consultancy:

1. UGC Minor Research Project on 'Dissimilar Metal Friction Welding of Ti and Ni Alloys Using Interlayers for High Temperature Applications'. (Rs.2.6 Lakhs, 2017-2019).

Events Organized:

Conferences:

1. Member, Organizing Committee, 37th National Convention of Mechanical Engineers and National Seminar on "Advances in Battery Technologies for Electric and Hybrid Vehicles" organized by the Institution of Engineers (India), during 9 – 10 December 2022, Hyderabad.
2. Convener, SPIRITECH, A Three Day Workshop to promote Human Values among Youth, 15-17 September 2022 organized at MGIT by Career Development Cell (CDC), MGIT under the aegis of Scheme for Promoting Interests, Creativity, and Ethics among Students (SPICES), AICTE.
3. Convener, One Day Workshop on "Advances in Welding Technologies for Strategic Applications" AWTSA-2021 on behalf of IIW Hyderabad Branch on 10th August 2021.
4. Convenor, Webinar on 'Laser-Arc Hybrid Welding of High-Performance Materials' organized by IIW Hyderabad Branch on 27th February 2021.



ADDRESS:

B – Block -Room No. 105

JNTUH ID:

48150405-232624

EMAIL:

pvenkataramana_mct@mgit.ac.in

DATE OF JOINING:

15-12-1997

EXPERIENCE - 28 Years

- Teaching - 26
- Research -13 (Inclusive of Teaching Experience)
- Industry -2

SUMMARY:

- Publications - 22
- Conferences – 38
- Honors/ Awards – 14

EVENTS:

- Organized - 50
- Attended - 250

LET'S MEET ON SOCIAL:

- <https://www.linkedin.com/in/dr-venkata-ramana-p-76356415/>

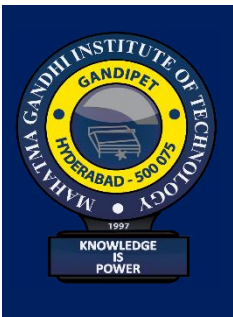
5. Convener, Events Committee, NIRVANA 2020 during 12 - 14 March 2020.
6. Coordinator, IGNITO-2020 during 12 March 2020.
7. Organizer, Internship on Gasoline/Electric Formula Race Car Design and Development at Mahatma Gandhi Institute of Technology during 10 -17 December 2019
8. Member, Technical Committee, All India Seminar on Recent Trends in Automation and Digital Manufacturing, 23-24 September 2019 at The Institution of Engineers (India) Telangana State Centre, Hyderabad.
9. Member, Technical Committee, All India Seminar on Digital and Automation Entry into the Future Factories during 4-15 July 2017, at The Institution of Engineers (India) Telangana State Centre, Hyderabad.
10. Convener, The International Institute of Welding 6th Welding Research and Collaboration Colloquium, 7 – 9 April 2016, Hyderabad.
11. Member, Technical Events Committee, All India Seminar on 'Green Initiatives in Mechanical Engineering' organized by The Institution of Engineers (India) AP State Centre, Hyderabad.

FDPs/STTPs:

1. Convenor, Faculty Development Program on 'Outcome Based Education and Accreditation' during 05 – 09 October 2020 organized by ISTE Telangana Section in collaboration with JNTUCEJ and MGIT.
2. Coordinator, A Two-Day Online Faculty Development Program on Intellectual Property Rights & Patent Filing on 11 & 12 September 2020 organized by R&D Cell and NISP Cell, MGIT.
3. Member, Organizing Committee, AICTE STTP on Mechatronics 24-30 Aug 2020.
4. Convenor, One-week online Faculty Development Program on 'Recent Trends in Manufacturing' during 28 July – 01 August 2020.
5. Organizer, Internship on Gasoline/Electric Formula Race Car Design and Development at Mahatma Gandhi Institute of Technology , 10 -17 December 2019.
6. FDP on Agile Methodologies on behalf of M/s TCS on 16th April 2015.
7. Faculty Development Program on Project Management from an Industry Perspective, 8 March 2014 organized by M/s TCS at MGIT, Hyderabad.
8. FDP on Service Oriented Architecture and Cloud Computing on behalf of M/s TCS on 15th November 2014.
9. Coordinator, ISTE – SRM STTP on Mechatronics during 5-10 May 2014.
10. Co-Convener, Faculty Development Program on "Teaching, Learning and Research in Engineering & Technology" 30th July to 3rd August 2012 organized by ISTE and IIPC.

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

1. Convener, One Day Workshop on "Advances in Welding Technologies for Strategic Applications" AWTSA-2021 on behalf of IIW Hyderabad Branch on 10th August 2021.
2. Convenor, Webinar on 'Laser-Arc Hybrid Welding of High-Performance Materials' organized by IIW Hyderabad Branch on 27th February 2021.
3. Convener, Events Committee, NIRVANA 2020 during 12 - 14 March 2020.
4. Coordinator, IGNITO-2020, 12 March 2020.
5. Convener, One Day Workshop on "Emerging Trends in Welding and Non-destructive Evaluation" WNDE-2019 on behalf of IIW Hyderabad Branch on 30th August 2019 at Gurukul, NFC, Hyderabad.
6. Convener, Events Committee, NIRVANA 2019 during 11 - 13 March 2019.



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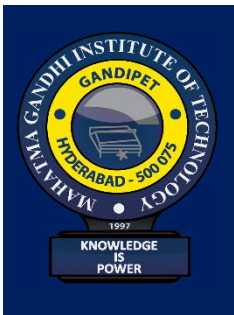
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7. Convener, MAGISTECH-2018, National Level Technical Symposium for Engineering Students during 1-2 November 2018.
8. Convener, MAGISTECH-2017, National Level Technical Symposium for Engineering Students during 13-14 October 2017.
9. Convener, One Day Workshop on “Challenges in Joining of Advanced Materials” on behalf of IIW Hyderabad Branch on 26th May 2017 at NFC, Hyderabad.
10. Seminar on Skill Development and Career Options (with a focus on Non-Destructive Testing, Welding and Safety) on 20th January 2017 in collaboration with M/s Associated Engineering Services, Hyderabad, for Mech, MCT and MME students on behalf of IIPC-MGIT.
11. Convener, Events Committee, NIRVANA 2017 during 10 - 13 April 2017.
12. One day workshop on “Cyber Security and GitHub” on 29th December 2016 for CSE and IT students on behalf of IIPC-MGIT.
13. Convener, ISTE TS and AP Students’ Convention and MAGISTECH-2016 and National Level Technical Symposium for Engineering Students during 27-28 October 2016.
14. Chief Coordinator, Industry-Institute Interaction Meet, 1st July 2016.
15. Convener, Events Committee, NIRVANA 2016 during 16 - 18 March 2016.
16. Convener, MAGISTECH-2015, National Level Technical Symposium for Engineering Students during 15-16 September 2015.
17. Convener, One Day Workshop on “Advances in Materials Joining Technologies” on behalf of IIW Hyderabad Branch on 29th May 2015 at Hotel Marigold, Hyderabad.
18. Convener, Events Committee, NIRVANA 2015 during 01-02 April 2015.
19. Convener, One Day Workshop on “Advances in Welding & Surface Engineering” on behalf of IIW Hyderabad Branch on 17th October 2014 at Hotel Marigold, Hyderabad.
20. Convener, MAGISTECH-2014, National Level Technical Symposium for Engineering Students during 17-18 September 2014.
21. Convener, Events Committee, NIRVANA 2014 during 27-29 March 2014.
22. Convener, Events Committee, NIRVANA 2013 during 21-23 March 2013.
23. Convener, ISTE AP State Students’ Convention and MAGISTECH-2013 and National Level Technical Symposium for Engineering Students during 14-15 September 2013.
24. Event Coordinator, Tier I and Tier II competitions of SAE during 13.08.2012 and 13.09.2012 respectively.
25. Convener, MAGISTECH-2012, National Level Technical Symposium for Engineering Students during 14-15 September 2012.
26. Chief Coordinator, Industry-Institute Interaction Meet, 9th March 2012.
27. Convener, MAGISTECH-2011, National Level Technical Symposium for Engineering Students during 15-16 September 2011.
28. Co-Convener, TECHNOVATION-2011, National Level Technical Symposium during 28-29 February 2012.
29. Convener, Inter-collegiate techno cultural festival of MGIT (Dhoom, Utopia, NIRVANA) for consecutive 8 years from 2001 to 2008.



Events Attended

FDPs/STTPs: 101

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture: 250

Any Other Contribution:

1. Delivered Invited Talks in conferences, workshops etc.
2. Member, Board of Studies (Mechanical Engineering) for few Engineering Colleges.
3. Reviewer of International Journals of Springer, ASM etc.
4. Member of panel of examiners for various universities.
5. Chaired sessions in Conferences.

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