

# Mr. P.V Prasad Reddy

## Assistant Professor



**Education Qualifications :** M.E  
**Specialization :** Automation & Robotics

### Membership of Professional Bodies:

1. Indian Society for Technical Education Life Member (ISTE) LM – 48970, 2006.
2. International Association of Engineers (IAENG) Member. (ID NO: 177176), 2016.

### Responsibilities Held at Institution Level:

1. Monitoring and helping the in-charge in keeping records in student busses. Member of Maintenance committee
2. Campus monitoring duty
3. Member of anti-ragging committee to make sure that there is no ragging activity in the campus.
4. Invigilation duties for Internal/mid and end semester exams

### Responsibilities Held at Department Level:

1. Continuously updating files for NBA, Autonomous and NAAC.
2. Dept. data uploading for MGIT website.
3. As a class incharge for IV BTech I-sem MCT during the period constantly monitored the student activities and communicating the same with parents regarding their academic performance in college.
4. Constantly mentoring the assigned students for the academic growth.

### Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Engineering Graphics, Kinematics of Machinery, Robotics & Its Applications
- **PG:** Industrial Robotics

### Publications:

1. P. V. Prasad Reddy, Dr.S.Madhava Reddy, “Power Generation using Vertical Axis Wind Turbine” GIS Science Journal, ISSN 1869-9391, December 21-22, Volume 9, Issue 3, page.1114-1121, March, 2022.
2. P. V. Prasad Reddy, M.Yadi Reddy “Development of Multi-Purpose Agricultural Vehicle by using Solar Power” International Journal of Engineering Research & Technology, ISSN 2278-0181, Volume 10, Issue 4 , page.48-51, April, 2021.
3. P. V. Prasad Reddy, M.Yadi Reddy “Energy Efficient Smart Street Lighting System” International Journal of Innovative Science and Research Technology, ISSN 2456-2165, Volume 6, Issue 3, page.1176-1180, March , 2021.
4. P. V. Prasad Reddy, Dr.S.Madhava Reddy, Ms.D.L.Tejaswini “Modelling of a Warfield Automous Robot with GPS and Digital Compass” Springer Nature Singapore Pte Ltd., DOI, [https://doi.org/10.1007/978-981-15-7557-0\\_46](https://doi.org/10.1007/978-981-15-7557-0_46), Online ISBN 978-981-15-7557-0, ISSN 2195-4364, page.561-574, 31 October 2020.

### ADDRESS:

- B – Block -Room No -103

### JNTUH ID:

62150401-144511

### EMAIL:

pvprasadreddy\_mct@mgit.ac.in

### DATE OF JOINING:

31-03-2007

### EXPERIENCE - 20 Years

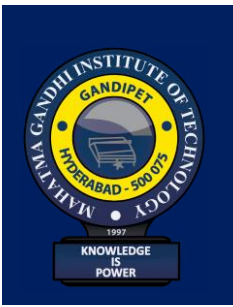
- Teaching - 18
- Industry -2

### SUMMARY:

- Publications - 10
- Conferences - 11
- Books – 1

### EVENTS:

- Organized - 2
- Attended - 60

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5. P. V. Prasad Reddy, N.Vijayarami Reddy, Dr. K Sudhakar Reddy, Dr.S.Madhava Reddy, “High Level Security System for Opening the Door using MEMS Technology” international journal of Global Journal of Engineering Science and Researches(GJESR), ISSN 2348-8034, ICAME-2018, December 21-22, 2018.
6. P. V. Prasad Reddy, N.Vijayarami Reddy, Dr. K Sudhakar Reddy, Dr.S.Madhava Reddy “Design and Fabrication of Smart Waste Management System” international journal of Latest Engineering and Management Research (IJLEMR), ISSN 2455-4847, vol-3-Issue 05, PP.52-56, May 2018.

**Conferences:**

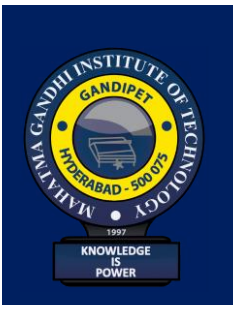
1. P.V.Prasad Reddy, Dr.S.Madhava Reddy and Dr. K Sudhakar Reddy, “Design and Fabrication of Terrain Crawler” International e-Conference on “Futuristic Trends in Mechanical, Materials & Manufacturing (ICMMM2020)” held on 16th June, 2020, St.Peter’s Institute of Higher Education and Research, Avadi, Chennai.
2. P. V. Prasad Reddy, Dr.S.Madhava Reddy, Ms.D.L.Tejaswini “Modelling of a Warfield Automous Robot with GPS and Digital Compass” Proceedings of the 3rd International Conference on “Innovations in Mechanical Engineering (ICIME-2020)” held on 10-11, January, 2020 at Guru Nanak Institutions, Ibrahimpatnam, Hyderabad-501506.
3. P.V.Prasad Reddy,N.Vijayarami Reddy,Dr. K Sudhakar Reddy,Dr.S.Madhava Reddy and, “High level security system for opening the door using MEMS Technology” Proceedings of the 1st International Conference on “Advances in Mechanical Engineering (ICAME-2018)” held on December 21-22, 2018, C Malla Reddy College of Engineering & Technology(CMRCET), Medchal, Hyderabad.
4. P.V.Prasad Reddy, Dr.S.Madhava Reddy and N.Vijayarami Reddy, “Design and Development of Drone for Agricultural Applications” Proceedings of the 3rd International Conference on Emerging Technologies in Mechanical sciences [ICEMS-2016], 16-17 December 2016, Malla Reddy College of Engineering & Technology, Dhulapally, Hyderabad, Pp.68-74.

**No. of Books/Chapter Published with details:**

1. Kesava Reddy Cherra, ManzoorHussainMohammed ,P.Venkata Prasad Reddy published “Design Analysis and Fabrication of piston on CNC Machine” in Scholar’s Press, UK, April-2018.

**Events Organized:****FDPs/STTPs:**

1. Organized as Co-coordinator, three day Faculty Development Programme (FDP) on Fusion 360 for Mechanical Engineering faculty working in various colleges in association with TASK and AutoDesk at MGIT from 14-16 December 2016.



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

1. Organized One Day Online Webinar on “A Practical Approach on Industry 4.0 & it’s Implementation in Smart Factories” by Department of Mechanical Engineering (Mechatronics) at MGIT, Hyderabad in association with MTAB Technology Centre, Chennai on 26th July 2020.

#### Events Attended:

##### FDPs/STTPs:

1. Attended NPTEL-AICTE funded by ministry of HRD, Govt. of India online Eight week FDP on “Robotics” conducted by NPTEL – SWAYAM from July – Sep, 2019.
2. Attended AICTE Sponsored Two week FDP on “Recent advances in Design and Development of Mechatronics & Robotic Systems” conducted by Dept. of Mechanical Engg, MGIT from 04-16 Dec, 2017.
3. Attended one week TEQIP II sponsored Faculty development programme on “Finite Element Applications in Mechanical & Civil Engineering” at CBIT during 23rd to 28th January, 2017.

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

1. Attended Two day AICTE sponsored National Seminar on “Machinery Vibration Analysis (MVA-2017)” at C.B.I.T during 5th & 6th October, 2017.
2. Attended 3 week Refresher Course in Material Science organized by UGC-HRDC at University of Hyderabad, Hyderabad from 04-08-2017 to 24-08-2017.
3. Attended two day All India Seminar on “Digital and Automation Entry into the Future Factories”, organized by The Institution of Engineers (India), Telangana State Centre in association with Dept. of Mechanical Engineering (Mechatronics), MGIT, Hyderabad, 14-15 July, 2017.

#### Online Certifications:

1. Completed online course on “Robotics” conducted by NPTEL-SWAYAM and passed with Elite + silver certificate in July-September 2019.

#### Any Other Contribution:

2. On-line FDP’s attended: 27
3. On-line webinars attended: 25
4. Completed PG Diploma in Value Education and Spirituality -2010

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