

# Mr. K. PRUDHVI RAJ

## Assistant Professor



**Education Qualifications:** M.E  
**Specialization:** CAD/CAM

### ADDRESS:

- A – Block -Room No -302

### JNTUH ID:

2136-150408-151001

### EMAIL:

kprudhviraj\_mct@mgit.ac.in

### DATE OF JOINING:

16-12-2013

### EXPERIENCE – 9.6 Years

- Teaching - 8
- Industry -1.6

### SUMMARY:

- Publications - 8
- Conferences - 2

### EVENTS:

- Organized - 2
- Attended - 63

### Membership of Professional Bodies:

1. Indian Society for Technical Education Life Member (ISTE) LM – 98366.
2. International Association of Engineers (IAENG) Member. (ID NO: 211400).

### Responsibilities Held at Institution Level:

1. Nss Coordinator
2. Monitoring and helping the in-charge in keeping records in student busses. Member of Public Relations committee
3. Campus monitoring duty
4. Invigilation duties for Internal/mid and end semester exams

### Responsibilities Held at Department Level:

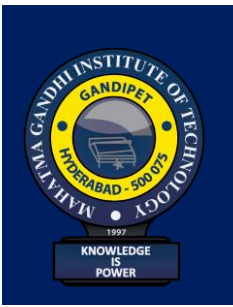
1. Continuously updating files for NBA, Autonomous and NAAC.
2. Incharge for 2<sup>nd</sup> Year students attendance.
3. As a class incharge for III BTech I-sem MECH during the period constantly monitored the student activities and communicating the same with parents regarding their academic performance in college.
4. Constantly mentoring the assigned students for the academic growth.

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

- **UG:** Engineering Graphics, Engineering Mechanics, Mechanics of Solids, CAD/CAM, Automobile Engineering.

### Publications:

1. K Prudhvi Raj, K Santosh Kumar Design and Analysis of Human-Electric Hybrid Powered Three Wheel Drive. The International journal of analytical and experimental modal analysis Volume XIII, Issue VI, June/2021 ISSN NO:0886-9367
2. K.Prudhvi Raj,M.Yadi Reddy Contextual analysis on the Application of a Cloud-Based CAD System in Design Teaching. Turkish Journal of Computer and Mathematics Education Vol.12 No.10 (2021), 7719-7723 ISSN : 1309-4653
3. M.Yadi Reddy,K.Prudhvi Raj Perceiving feelings in text utilizing outfit of classifiers-An AI Application. Turkish Journal of Computer and Mathematics Education Vol.12 No.10 (2021), 7741-7763 ISSN : 1309-4653
4. S. AJAY KUMAR, K. SANTOSH KUMAR, K PRUDHVI RAJ Optimization of Process Parameters in Electrical Discharge Machining Process by using TAGUCHI Method. International Journal of Engineering Sciences & Research Technology, Vol. 7, issue 5, May-2018, ISSN: 2277-9655.
5. K Prudhvi Raj, K Santosh Kumar, S. Ajay Kumar CFD Analysis of NACA 0015 Aerofoil International Journal of Application or Innovation in Engineering & Management (IJAIEEM) Volume 7, Issue 3, March 2018, ISSN 2319 – 4847.



6. K Santosh Kumar, K Prudhvi Raj , S. Ajay Kumar Numerical Analysis on the Performance of the Heat Sink with Different Fin Angles. International Journal of Application or Innovation in Engineering & Management (IJAIEEM), Volume 7, Issue 3, March 2018, ISSN 2319 – 4847.
7. Rahul Komma, K.PrudhviRaj, Dinesh Souda Experimentation of Jute Fiber Supplemented with E-Glass in Various Layers Alignment International Journal Of Modern Engineering Research (IJMER) Vol.4 Iss.7 July 2014, IJMER, ISSN: 2249–6645.
8. K. Vijay kumar, Keshava rao. P, K Prudhvi raj Exploration of Supersonic Flow through Conical Nozzle with Diverse Angles of Divergence. International Journal of Latest Trends in Engineering, Science & Technology Volume 1, Issue 1, ISSN: 2055-530X.

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**Conferences:**

9. 2nd International Conference Manufacturing, Material Science & Engineering (ICMMSE - 2020) held at CMR, Hyd. (18-19 Dec, 2020)
10. 3rd International Congress on Advances in Mechanical Sciences (ICAMS - 2020) held at VCE, Hyd. (27-28 Aug, 2020)

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

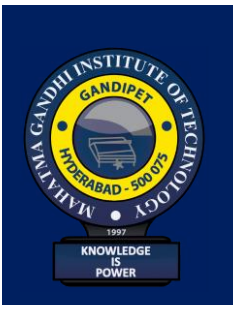
1. One Week AICTE Sponsored Online Short Term Training Program (STTP) SLOT-3 on “Recent Advances in Micro Electro Mechanical Systems (MEMS), Mechatronics and Their Applications for Future Challenges” (02 - 07 November, 2020)
2. 3Days Online Faculty Development Programme (FDP) on Swachhta Action Plan – The Role of Higher Educational Institutions (8th October to 10th October, 2020)

**Events Attended:****FDPs/STTPs:**

1. Attended FDP on “Additive Manufacturing: Present & Future Trends” conducted by VNR VJIET, Hyd. from 01-06 Nov, 2021.
2. Attended AICTE Sponsored one week FDP on "Alternative fuels :Biofuels" conducted by P D A College of Engineering Kalaburagi. from 04-08 Oct, 2021.
3. Attended one week FDP on “Green Technology: Applications in Manufacturing” conducted by NIT PATNA from 20-24 Sep, 2021.

**Online Certifications:**

1. Completed online course on “**Manufacturing of Composites**” conducted by NPTEL-SWAYAM and passed with Elite + silver certificate in Aug-Oct 2019.



### **Any Other Contribution:**

2. On-line FDP's attended: 30
3. On-line webinars attended: 33

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