

Name: Mr. Narendra Pothula
Designation: Assistant Professor
Department: Mechanical Engineering
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Experience (in years): Teaching: 8.4 Y Research: -- Others (If any, Specify): --

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	UG: B.Tech	2010	Mechanical Engineering
2	PG: M.Tech	2013	Advanced Manufacturing Systems
3	Ph.D	Pursuing	Additive Manufacturing

2. Teaching and Learning:

2.1. Teaching Interests:

Production Technology, Workshop Technology, Engineering Mechanics,
Engineering Graphics/Drawing, Machine Drawing, Production Drawing.

2.2. Novel Teaching & Learning Techniques adopted:

VNR Lab Protocol, WIT & WIL, NPTEL Lectures, Online Tools.

2.3. Involvement in curriculum updating / Design: Nil

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Exploring new technologies
- Playing Badminton & Cricket

3.2. CCA/ECA Organized:

- Organized Telangana State Level Sports Meet for Polytechnic Students at VNRVJIET from 19th December 2019 to 20th December 2019.

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity:

- Mentor for B.Tech-2020 batch students
- Mentor for polytechnic students

3.5. Committees involved in:

Department level:

Member, Department Accreditation/Autonomy Committee – NBA.
Incharge, Polytechnic-Mechanical Engineering

Institute Level:

Incharge, Examinations-Polytechnic

4. Conference / Workshop / Seminar / Guest Lectures:

- Conducted: Nil
- Attended:
 - Attended One Week Faculty Development Programme on “Innovative Product Design, Precision Engineering and Optimization (IPDPEO -2020)” , from 10th – 14th, August 2020 organized by Department of Mechanical Engineering, VASAVI COLLEGE OF ENGINEERING, Hyderabad.
 - Attended the "AICTE Sponsored Short Term Training Program on Advanced Techniques in Modeling and Analysis for Mechanical Engineering, Module 1: Modeling and Analysis using MATLAB and Python for Mechanical Engineering Applications" from 3rd – 8th Aug 2020 organized by VNRVJIET.
 - Attended a “A one-week online Faculty Development Program on Recent Advances in Thermal Science and Management" from 27-07-2020 to 31-07-2020 Organized by Department of Mechanical Engineering, VNR VJIET.
 - Attended a One Week online FDP on "Role of Materials and Processing in Additive Manufacturing: 3D Printing to Industry-2020", from 19th - 24th July 2020 organized by Department of Mechanical Engineering, GLA University, Mathura
 - Attended a Faculty Development Program on “Advances in Mechanical Engineering” organized by CMR College of Engineering & Technology during 13th to 17th July 2020.
 - Attended a “A one-week online Faculty Development Program on “Recent Advances in Mechanical Engineering: A Research Perspective”, held from 6th July to 10st July, 2020 conducted by Department of Mechanical Engineering Mahatma Gandhi Institute of Technology, Hyderabad.
 - Attended a Webinar on “New Approaches in Mechanical Engineering” held from 29th June to 1st July, 2020, conducted by JSS Academy of Technical Education, Noida organized by Department of Mechanical Engineering.
 - Attended a one-week online Faculty Development Program on “Optimization Techniques & Tools for Mechanical Engineers” Organized by Mechanical Engineering Department of Sreenidhi Institute of Science & Technology, Hyderabad during 22-27 June 2020.

- Attended a one-week online FDP on “Research trends in Mechanical Engineering” organized by Gudlavalleru Engineering College from 15-6-2020 to 20-6-2020.
- Attended the five-day online FDP on “Emerging trends in Mechanical Engineering” organized by St. Peter’s Engineering College from 02-06-2020 to 06-06-2020.
- Attended faculty development program from 24th to 28th September 2019 on “Automation Studio Software” at VNR VJIET Hyderabad conducted by Department of Mechanical Engineering.
- Attended Short Term Training Program from 25th to 29th 2019 on “3D Printing Processing and Applications” at VNR VJIET Hyderabad conducted by Department of Mechanical Engineering.
- Attended faculty development program from 1st to 5th April 2019 on “Mastercam and Cimco DNC” at VNR VJIET Hyderabad conducted by Department of Mechanical Engineering.
- Attended faculty development program from 11th to 15th December 2017 at VNR VJIET on “Engineering Drawing Through AUTOCAD” conducted by Department of Mechanical Engineering.
- Workshop attended from 27th to 31st March 2017 at VNR VJIET Hyderabad on “Advanced Numerical Modeling Techniques for Mechanical Engineering” conducted by the department of mechanical engineering.
- Workshop attended from 25th to 27th February 2016 at VNR VJIET Hyderabad on “Finite Element Methods in Mechanical Engineering” under TEQIP-II conducted by the department of Mechanical Engineering.
- Workshop attended from 4th to 9th January 2016 at VNR VJIET Hyderabad on “Introduction to Structural Engineering” conducted by IIT Kharagpur.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles / Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: 01

b) PG: Main – 01, Mini – 01

5.5. Research Interests: Additive Manufacturing, Metal Cutting.

5.6. Ph.D students: Not Applicable

a) Enrolled: b) Submitted: c) Awarded:

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	DESIGN AND SIMULATION OF PNEUMATIC APPLICATIONS FOR INDUSTRY USING AUTOMATION STUDIO	International Journal of Applied Engineering Research and Development (IJAERD) Vol. 11, Issue 1, Jun 2021, 21-26	ISSN (P): 2250-1584; ISSN (E): 2278-9383		International
2	“Evaluation of Mechanical Properties of Hybrid Composite”,	International Journal of New Innovations in Engineering and Technology, Volume 14 Issue 1 June 2020, pp. 8-13.	ISSN: 2319-6319		International
3	“STUDY ON THE MACHINABILITY CHARACTERISTICS DURING HIGH-SPEED TURNING OF INCONEL 718 WITH PVD COATED TOOL”	Journal of Manufacturing Engineering, June, 2012, Vol. 7, Issue. 2, pp 277-283.	ISSN No: 0973-6867		National

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period

1	Development of PLC based Sequential Pneumatic Punching System	International Conference on Research and Advances in Mechanical Engineering	International	10th & 11th December, 2020.
2	AN IoT BASED BOMB DIFFUSING ROVER	5 th International online Conference on Recent Trends in Big Data and IoT	International	22 nd July 2020 to 24 th July 2020.

5.9. Sponsored research Projects: Nil

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: Nil

7. Motto: “Start where you are. Use what you have. Do what you can.”