

Name: Hazar Naresh  
Designation:  
AsistantProfessor  
Department: Mechanical  
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Experience (in years):            Teaching: 6            Research: 2            Others (if any,  
specify): 9

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph. D)	Year of passing	Specialization
1	Diploma In Mechanical Engineering	2008	DME
2	B.Tech	2011	Mechanical
3	M Tech (JNTUH)	2015	Engineering Design
4	Ph. D (Persuing)	2017 (Registered)	Composites

### 2. Teaching and Learning:

2.1 Teaching Interests: Dynamics of machinery , Kinematics of machinery ,Mechanical Engineering

Production

Design I and II, Strength of Materials,

Industrial

Technology Composite Manufacturing and

Management.

2.2. Novel Teaching & Learning Techniques adopted PPT, Prototype Models, Computer Simulation,

POGIL, VNR Lab Protocol, WIT&WIL

2.3. Involvement in curriculum updating / Design

### 3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Design, Analysis, development and updating knowledge in emerging technologies such as Hypermesh Ansys and Design software.

3.2. CCA/ECA Organized: Sports and social activities in institute level

3.3. CCA/ECA participated: Games Physical fitness, R&D, IQAC, Stock Verification committees

3.4. Counseling and Mentoring Activity: Student counseling and career guidance , III Mechanical

3.5. Committees involved in: Department level: Comprehensive Viva, Project Review, UG Dynamics

of Machinery Lab Establishment, Maintenance, Student Discipline and Seminar Committees

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:

1. A National Level 5 Day Online Faculty Development Programme on “Nano Hybrid Composite Materials Characterization & Applications” at Department of Mechanical Engineering VNR Vignana Jyothi Institute of Engineering and Technology during 24<sup>th</sup> – 28<sup>th</sup> Aug 2020
2. One week Online Faculty Development Programme on “3D PRINTING –Future of Manufacturing” at Department of Mechanical Engineering VNR Vignana Jyothi Institute of Engineering and Technology during 5<sup>th</sup> – 9<sup>th</sup> October 2020.
3. AICTE Sponsored Two Days International E-conference on “SUSTAINABLE DEVELOPMENT IN MECHANICAL ENGINEERING (SDME 2020) at Department of Mechanical Engineering VNR Vignana Jyothi Institute of Engineering and Technology involved in Spot Registration process during 30<sup>th</sup> - 31<sup>st</sup> October 2020

4.2 Attended: Attended: Short Term Training Programme (STTP)/Sponsored workshops etc

Short Term Training Programme (STTP)/

- 1 Short Term Training Programme on “Modeling and Analysis using MATLAB and Python for Mechanical Engineering Applications” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 3<sup>rd</sup> to 8<sup>th</sup> August 2020 .
- 2 AICTE Sponsored two week Faculty Development Programme on “Precision Engineering and Machining Processes” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 31<sup>st</sup> to 5<sup>th</sup> September 2020
- 3 Short Term Training Programme on “Advanced Techniques in Modelling and Analysis for Structural and Thermal Applications” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 31<sup>st</sup> to 5<sup>th</sup> September 2020.
- 4 Short Term Training Programme on “Failure and Damage Mechanics of High Performance Engineering Materials Phase III ” conducted by Anil Neerukonda Institute of Technology & Sciences during 14<sup>th</sup> to 19<sup>th</sup> September 2020.

Workshops Attended

4. Attended One week workshop on “Advances in Manufacturing processes” conducted by BHARATH Institute of engineering and technology Hyderabad during 13<sup>th</sup> to 17<sup>th</sup> July 2020.
5. Attended One week workshop on “Design Sensitizations Orientation Workshop” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 18<sup>th</sup> -20<sup>th</sup> July 2019.
6. Attended One week workshop on “Out come based Teaching, Learning and Assessment Strategies” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 25<sup>th</sup> to 27<sup>th</sup> June 2019.

7. Attended One week workshop on “Advanced Numerical Modeling technique for mechanical Engineering” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 27<sup>th</sup> to 31<sup>st</sup> march 2017.
8. Attended One week workshop on “Advanced Additive Manufacturing Shaping the Future” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 03<sup>rd</sup> -05<sup>th</sup> May 2016.
9. Attended two days workshop on “Teaching and Evaluating for 21<sup>st</sup> century” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 18<sup>th</sup> -19<sup>th</sup> May 2016

#### FDP Attended

- 1 Faculty Development Programme on “3D Printing- Future of Manufacturing” conducted by VNR VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana during 5<sup>th</sup> to 9<sup>th</sup> October 2020.
- 2 Faculty Development Programme on “Recent Advances in Thermal Science and Management” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 27<sup>th</sup> to 03<sup>rd</sup> July,2020.
- 3 Faculty Development Programme on “Recent trends in mechanical and industrial engineering” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 17<sup>th</sup> to 21<sup>st</sup> August 2020.
- 4 Faculty Development Programme on “Lost Foam Casting (LFC 2020)” conducted by Sree Chaithanya college of engineering 21<sup>st</sup> - 25<sup>th</sup> of July 2020.
- 5 Faculty Development Programme on “Recent research developments in Materials Engineering and Mechanical Design” conducted by Vishnu Institute of Technology during 21<sup>st</sup> - 25<sup>th</sup> of July 2020.
- 6 Faculty Development Programme on “Research innovation in mechanical engineering 2K20” conducted by SASI Institute of technology and engineering during 13<sup>th</sup> to 17<sup>th</sup> July 2020.
- 7 Faculty Development Programme on “Recent Developments in Mechanical Engineering (RDME-2020)” conducted by Kakatiya Institute of Technology & Science Warangal -506015, Telangana during 07<sup>th</sup> to 11<sup>th</sup> July, 2020.
- 8 Faculty Development Programme on “Automation Studio Software” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 24<sup>th</sup>-28<sup>th</sup> September 2019.
- 9 Faculty Development Programme on “MasterCAM and CIMCO DNC” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 01<sup>st</sup> to 05<sup>th</sup> April 2019.
- 10 Faculty Development Programme on “Computational Tools for Engineering Application” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 25<sup>th</sup> to 29<sup>th</sup> June 2018.
- 11 Attended seminar Programme on “FDP on Research Methodology course” conducted by GITAM Hyderabad, Hyderabad during 20<sup>th</sup> to 22<sup>nd</sup> December 2017.
- 12 Faculty Development Programme on “FDP on “Engineering Drawing Through AUTOCAD” conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad during 11<sup>th</sup> to 15<sup>th</sup> December 2017.
- 13 Faculty Development Programme on “Emerging Trends in composite material and Industrial Applications” conducted by CBIT Hyderabad during 20<sup>th</sup> to 25<sup>th</sup> 2017.
- 14 Faculty Development Programme on “E Finite Element Application in

Mechanical and Civil Engineering” conducted by CBIT Hyderabad during 23<sup>rd</sup> to 28<sup>th</sup> Jan2017.

## 5 Academic Contribution and Research & Consultancy:

5.1 Invited Lectures:

5.2 Articles / Chapters published in Books:

5.3 Books published as single author or as editor:

5.4 Projects Guided:

a) UG: Major Project 07 Minor Project 12 Internship 15

b) PG: Major Project 02 Minor Project 04

5.5 Research Interests: Design and Analysis , Composites, Hypermesh

Ph.D students :

a) Enrolled :

b) Submitted :

c) Awarded :

Papers published in reviewed journals:

S.No	Title of the Paper	Names of all Authors	Journal Name Vol.No. PP	ISBN / ISSN No.	Status (National /
1	Design and Analysis of submarine Thick pressure vessel by using MS EDD Material	HAZARI NARESH	Vol. 6, Issue 1, January 2017	ISSN(Online)- 2319-8753	International
2	Design and Analysis of Fiberglass Composite uning Mono Composite	HAZARI NARESH	Vol. 6, Issue 2, February 2017	ISSN(Online)- 2319-8753	International
3	Design and Fabrication of A System for Harnessing Energy From Road Traffic	SVSS Srinivas Raju Mr.Hazari Naresh Mr.N Raghuardhan	Volume 5, Issue 2, Part 1, 2018, Pages 6189- 6194	ISSN 2214- 7853	International
4	Design and analysis of bolted joint for rocket motor casing	K Nagendra Babu, H Naresh, Dr G. Srinivasa Gupt	Volume 5, Issue 2, Part 1, 2018, Pages 5165- 5174	ISSN 2214- 7853	International

5	Fabrication and Cutting Force Analysis of GFRP Composite Rod IJREAMV04I0440098	G.Manideep, H.Naresh,	Vol-04, Issue-04, July 2018	ISSN : 2454-9150	International
6	Improving Fuel Consumption While using Air Conditioning in Vehicles	Durishetti Aravind Swamy , Kokkiligadda Abhikesh Chandra , Muthyala Thanu Sree , Hazari Naresh	Volume 9 Issue 9, September 2020	ISSN: 2319-7064	International
7	Lathe Parameters Optimization for UD-GFRP Composite Part Turning with PCD Tool by Taguchi Method	Hazari NARESH, Padhy CHINMAYA PRASAD	INCAS BULLETIN, Volume 12, Issue 4/ 2020, pp. 135 – 144	(P) ISSN 2066-8201, (E) ISSN 2247-4528	International
8	Optimization of Parameters in Turning of UD-GFRP Cryogenic Condition with Taguchi Method	Hazari Naresh , Chinmaya Prasad. Padhy	Volume: 08 Issue: 07   July 2021	ISSN: 2395-0056 ISSN: 2395-0072	International

Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of all Authors	Names of the Conference	Period	Status (National /International)
1	Design and Fabrication of A System for Harnessing Energy From Road Traffic By	Dr. SVSSSN and HAZARI NARESH	7 <sup>th</sup> International conference on materials processing and characterization (ICMPC2017	17-19 th March,2017	International

2	Design and analysis of bolted joint for rocket motor casing	K Nagendra Babu, H Naresh, Dr G Srinivas	7 <sup>th</sup> International conference on materials processing and characterization (ICMPC2017	17-19 th March,2017	International
3	Design and Development of a Safety Arming Device for Armed Forces	T Malyadri Dr. M.S. Srinivasa Rao	SDME conference Paper ID: SDME2020/173	2020	International
4	Design and experimental analysis of electro magnetic braking system	Srinivasa GuptaGembaliA.N.Brahmeswara RaoH.Naresh	Volume 45, Part 2, 2021, Pages 2833-2839	2020	International
5	A Comparative study and optimization of parameters of turning UD-GFRP in Dry, Wet and Cryogenic condition by using PCD tool with Taguchi method	Hazari Naresh,Padhy Chinmaya Prasad	Recent Advances in Manufacturing Processes and Systems, Lecture Notes in Mechanical Engineering,97-109	RAM 2021 NIT SURAT	International
6	Experimental study and optimization parameters of turning UD-GFRP in cryogenic condition by using PCD tool with Taguchi method	Hazari Naresh,Padhy Chinmaya Prasad	PRIME_468	PRIME 2021 NIT PATNA	International

5.10 Consultancy Projects: N/A

<b>S.No</b>	<b>Title</b>	<b>Agency</b>	<b>Period</b>	<b>Sanctioned Amount</b>	<b>Ongoing / Completed</b>
1	CNC Machining of components	M/c Rachana Machines Pvt Ltd	2017-2022	1,55,000	Completed

**6. Awards / Honors received:**

**7. Motto:** I WILL TRY MY LEVEL BEST