

BRIEF PROFILE OF TAJ



- 1 **Name** : **TAJ**
- 2 **Date and Place of Birth** : 10 october 1991, Vizag
- 3 **Nationality & Religion** : Indian, Muslim
- 4 **Residential Address with Mobile No. and E-mail** : TAJ
Dno 38-30-222, Punjab hotel
Mobile: 9642575535
Email: ptaj.smiley@gmail.com
- 5 **Known Languages** : Hindi, English, Telugu, Tamil
- 6 **Qualifications:**

S.No	Degree	University	Month & Year of Passing / Awarded	Subject	% of marks Class / Grade Obtained
1	PhD	NIT-AP	JAN.2021	MATERIAL SCIENCE	PURSUING
1	M.Tech.	SRM University	APRIL. 2014	CAD	70%- I Class
2	B.E	JNTU	April 2012	Mechanical Engineering	70%- I Class

7 **Total Services Started from Assistant Professor**

Completed Years of Experience: 6years

S. No.	Designation & Office Address	Period		Nature of duties / responsibilities
		From	To	
1	Assistant Professor Department of Mechanical Engg Gayatri vidya parishad for degree and PG courses	2019	Till date	Teaching for Under Graduate
2	Assistant Professor Department of Mechanical	2015	2018	Teaching for Under Graduate

	Engineering MarriLaxman Reddy Institute of Technology Hyderabad - 500043			
3	Assistant Professor Department of Mechanical Engineering AURORA institute of engineering and technology	2014	2015	Teaching for Under Graduate

8 **Publications of Research Papers:**

Papers Published in International Journals

1. MICROSTRUCTURE BASED FINITE ELEMENT ANALYSIS FOR DEFORMATION BEHAVIOR OF Mg BASED COMPOSITES (SCIENCE DIRECT)
2. “FINITE ELEMENT MODELLING AND ANALYSIS OF HIP JOINT PROSTHESIS WITH MODULAR STEM” International Journal of MECHANICAL Engineering and Technology (IJMET)
3. FABRICATION OF PNEUMATIC PICK AND PLACE , International Journal of Civil Engineering and Technology (IJCIET)
4. A REVIEW ON SUBZERO HEAT TREATMENT FOR D2 STEELS, International Journal of Civil Engineering and Technology (IJCIET)
5. PERFORMANCE AND EMISSION ANALYSIS OF CI ENGINE FUELLED WITH THE BLENDS OF PALM OIL METHYL ESTERS AND DIESEL(IJSDR)
6. STUDY AND ANALYSIS OF TISSUE ENGINEERING SCAFFOLD FOR HUMAN MANDIBULAR BONE USING FINITE ELEMENT METHOD (IJMETMR)
7. QUICK LIFTING SCREW JACK USING SPUR GEAR (IJEDR)
8. CRYOGENIC HEAT TREATMENT FOR D2 AND M2 STEELS(ICMM, CONFERENCE)

9 **Conferences:**

Papers Presented in International/ National conferences

1. Material selection in conceptual design of product through QFD- Entropy-Topsis approach (AMEIIM 2022), NIT Raipur online international conference on “Advances in Mechanical Engineering, Industrial informatics and management.
2. Cryogenic heat treatment for d2 and m2 steels (ICMM, 2020) GITANJALI College of engineering , Hyderabad,2020
3. Microstructure Based Finite Element Analysis for Deformation Behavior of Mg Based Composites, International conference on advanced aeronautical and mechanical materials (ICAAMM 2016), MLR Institute of Technology, Hyderabad, 2016.

4. International Conference on Transformations in Engineering Education IUCEE(ICTIEE,2017)

10. WORKSHOPS:

1. Workshop on ROBO TECHNOLOGIES , IIIT-HYDERABAD has conducted a national level ROBO-FEST ,2016
2. Workshop on ANSYS training conducted in IARE, HYDERABAD,2017.
3. Conducted SAE INTERNATIONAL EVENT in MLRIT, Hyderabad 2017.
4. Conducted a virtual seminar on A DATE ON TRANSMISSION in GVPCDPGC, Vizag,2021.
5. Conducted a webinar on 3D PRINTING-Ideas to Real products in GVPCDPGC, Vizag, 2021.
6. A Two days national workshop on Intellectual property protection and innovation management for competitiveness on Academia & Industries in GVPCDPGC, Vizag, 2022.

11. NPTEL COURSES:

1. Awarded certificate for completing 12 weeks NPTEL course on Manufacturing process technology I & II.
2. Awarded certificate for completing 12 weeks NPTEL course on Advanced Materials and Processes.
3. Awarded certificate for completing 12 weeks NPTEL course on Machine Learning.
4. Awarded certificate for completing 12 weeks NPTEL course on Advanced composites.

12. Faculty Development Programs:

1. An FDP on "get connected before communicating-enjoy your life as a teacher" in MLR institute of Technology.
2. An FDP on "DIGITAL MANUFACTURING" conducted by MLRIT Hyderabad.
3. A Webinar on statistical tools and energy engineering conducted by Shree I.R.Tiwari college of Engineering on May, 2020
4. A Webinar on the topic Virtual Interactive Classroom for Teachers & challenging Technologies in post COVID-19 ERA organized by IFERP on June, 2020.
5. An FDP on Manufacturing & Analysis of Advanced Materials and Engineering structure organized by MLRIT, Hyderabad.2021
6. A One Week Expert lectures on "Emerging research opportunities for Mechanical Engineers" conducted By CMR engineering college, Hyderabad.
7. An online Elementary FDP on "Artificial Intelligence in the Renewable Power Generation conducted by University of Lucknow and certified by AICTE Training and Learning Academy (ATAL).

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Signature with Date

