

# CURRICULUM VITAE

Pooja V .Angolkar

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## Career Objective:

A competent teacher with a strong academic background and practical experience in current and innovative teaching approaches aspires to provide students with high-quality knowledge while additionally contributing essentially to the Institution's prosperity.

## Work Experience:

S.No	Positions held	Name of the Institute	From	To	Pay Scale
1	Lecturer	S.G.Balekundri Institute of Technology, Belgavi	2009	2011	5 <sup>TH</sup> PAY
2	Lab Set-Up and Incharge Machine Tools Lab	S.G.Balekundri Institute of Technology, Belgavi	2009	2011	NA
3	Editor- Zypher- College Magazine	S.G.Balekundri Institute of Technology, Belgavi	2009	2011	NA
4	Assistant Professor	Anurag University, Hyderabad (Formerly Anurag Group of Institutions)	2013	2022	6 <sup>TH</sup> PAY
5	Departmental Placement coordinator	Anurag University , Hyderabad (Formerly Anurag Group of Institutions)	2014	2019	NA
6	Co-Convener Anurag Teaching Learning Centre	Anurag University , Hyderabad (Formerly Anurag Group of Institutions)	2019	2020	NA
7	Academic Committee Member	Anurag University , Hyderabad (Formerly Anurag Group of Institutions)	2020	2021	NA
8	Member of Centre for Research in Digital Manufacturing	Anurag University , Hyderabad (Formerly Anurag Group of Institutions)	2021	2022	NA

**Academic Qualification:**

Sl.No	Degree	Year	Subject	University/Institute	% Of Marks
1	10th Standard	2003	-	Karnataka Secondary Education Examination Board/St Joseph's Convent High School, Belagavi	81.12
2	12 <sup>th</sup>	2005	PCMB(Physics, Chemistry, Mathematics, Biology)	Government of Karnataka, Department of Pre-University Education/Raja Lakhamgouda PU College, Belagavi	72.83
3	Bachelor of Engineering	2005-2009	Mechanical Engineering	Visveswaraiah Technological University, Belgavi/Maratha Mandal Engineering College, Belagavi	65.62
4.	Master of Technology	2011-2013	CAD/CAM	Jawaharlal Nehru Technological University, Hyderabad/CVSR College of Engineering, Hyderabad	86.56

**Ph.D. Thesis Area (Pursing):** Additive Manufacturing.

**University:** JNTU-Hyderabad

**Patent:**

**“A Kind of Thermal Conductivity measuring Device for Bad Conductors”**

Pratibha Dharmavarapu, C.Sravanthi, **Pooja Angolkar**, G.Arun Reddy.

Intellectual Property India- applied on 06/10/2021

Patent Application Number: 202141045433

**Book:**

**“Polymer Matrix Composites Processing and Characterization”**

- Pratibha Dharmavarapu, **Pooja Angolkar**, C.Sravanthi.

Metro Composites Publishers, Dec-2021

### **Research Collaborators:**

- Dr. T .Ram Prabhu, Scientist/Joint Director, DRDO, Bangalore.
- Dr.C.Pavan, Assistant Professor, Department of CSE, IIT-Dharwad.
- Mr. Santosh, Chief Technology Officer, QTPI Robotics, Bangalore.
- Dr. Sumanth, Dept of Materials and Metallurgy, NIT Suratkal.

### **Subjects Taught:**

- Robotics
- Automation in Manufacturing
- Composite Materials
- CAD/CAM
- Material Science
- Fluid Mechanics and Hydraulic Machines
- Industrial Management
- Manufacturing Technology
- Operations Research
- Engineering Graphics
- Subjects related to Placements Training.

### **Academic and Research Responsibilities:**

- Knowledge of applying funding to DST-TIDE, TARE, TS-COST, SEED.
- Founding member in Centre of Excellence for Digital Manufacturing.
- Key role in NBA , NAAC, UGC works.
- Lab In-Charge- Machine Drawing and Drafting lab.
- Member in Design of 3D Printing For B.Tech Minors/Honors , M.Tech –Digital Manufacturing.
- Coordinator for AU-PULSE –LMS Software.
- Visited Number of Companies under Industry-Institute –Interaction Cell, signed 10 MoUs.
- Communication Skills Trainer for U.G Students.

### **M.Tech Thesis Guided:**

1. P.Prudhvi Raj -18H61D1513

Publication: “ Investigation on Mechanical Properties of AL6062 Stir Casted Composite”, Solid State Technology, Volume 63, Issue 5, 2020

2. J.Nagesh 19H61D1406

Publication : ” Effect of build direction and Surface Finish on Wear Behaviour of AlSi10mg Alloy Printed by Laser Powder Bed Fusion”, International journal of Mechanical Engineering,

## **B.Tech thesis Guided : 22**

### **Society Affiliation:**

- Member : Institute of Research Engineers and Doctors, NewYork, USA.
- Member : International Association of Engineers, Hong Kong.

### **Publications:**

1. **Angolkar, Pooja V**; Reddy, N Madan Mohan; Experimental Analysis Of An Explosive Test Chamber Subjected To Internal Blast Loading, International Journal for research in Applied Science and Engineering Technology (IJRASET), Vol. 1 Issue V, December 2013, ISSN: 2321-9653.
2. Dharmavarapu, Pratibha; **Angolkar, Pooja**; Women in Engineering, Journal of Engineering Education Transformations,. Volume 29, 2016
3. Satyanarayana, Dr VV; Kumar, J Jagadesh; Pratibha, D; **Pooja, A**; Application of Dual Response and Tolerance Analysis Approaches For Robust Design of Spot Welding Process, International Journal of Mechanical Engineering and Technology, Vol. 7 Issue I, December 2016.
4. Sravanthi, Chunchu; Dharmavarapu, Pratibha; **Angolkar, Pooja**; Design and Analysis of Motor Casing for an Aerospace Vehicle, International Journal of Engineering Research, Vol. 6 Issue II, 2017.
5. Pratibha Dharmavarapu, **Pooja Angolkar**; Comparison Of Structural Analysis Of Carbon Fibre, Aluminium Made Connecting Rod, International Journal of Advances in Engineering Research, Vol. 13 Issue I, 2017.
6. **Pooja Angolkar**<sup>1</sup> ,J Saikrishna<sup>2</sup> ,Dr. R.Venkat Reddy<sup>3</sup>, P.Ravikanth Raju<sup>4</sup>; Experimental Analysis Of Dissimilar Weldments Ss316 And Monel400 In Gtaw ProcessInternational Journal Of Engineering Research And Development, Vol. 13 Issue 12, 2017.
7. Chunchu Sravanthi, Pratibha Dharmavarapu, **Pooja Angolkar**; Design Of Mounting Plate For Section-Iv Of An Aerospace Vehicle Under Yawing ConditionInternational Journal Of Current Engineering And Scientific Research (IJCESR) , Vol. 5 Issue 4. 2018
8. Dharmavarapu, Pratibha; Sravanthi, Chunchu; **Angolkar, Pooja**; Weight Optimization Of Steam Turbine Casing Using Optistruct Tool, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 8, Issue 4, Aug 2018, 1155-1168.
9. **Pooja V.Angolkar**, Pratibha Dharmavarapu & Sravanthi Chunchu; Experimental Analysis Of Cooling Effect Using Heat Exchanger Coil, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 9, 2019
10. R. Venkat Reddy, Y. Anantha Reddy & **Pooja V. Angolkar**; The Design Analysis And Manufacturing Of Injection Mould Die, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 9, 2019.
11. C.Sravanthi, **Pooja Angolkar**, Pratibha Dharmavarapu; Weight Reduction of Crank Shaft by using Composite Material Kevlar 49, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9 Issue 4. 2019.
12. **Pooja Angolkar** , Prudhviraaj Pothamshetty, Dr.R.Venkat Reddy; Investigation on Mechanical Properties of Al6082 Stir Casted Composite, Solid State Technology, Vol. 63 Issue 5. 2020.
13. Sundaragiri Kashyap; **Pooja V Angolkar**; Merugu Sachin Kumar Goud and Nikitha Janet Matta. Thermal and Modal Analysis of Louvered Muffler Guard. International Journal for Modern Trends in Science and Technology 2021, 7, 0707069, pp. 184-192.  
<https://doi.org/10.46501/IJMTST0708031>.

14. **Pooja Angolkar**, Jampala Nagesh, M. Manzoor Hussain, T. Ramprabhu; Effect of Build Direction and Surface Finish on Wear Behavior of AlSi10Mg Alloy Printed by Laser Powder Bed Fusion. International Journal of Mechanical Engineering, Vol. 7 Issue 2, 2022.

**Participation along with presentation in Conferences/Seminars/Workshops/ Symposia / Faculty Development Programme:**

<b>S.No</b>	<b>Title</b>	<b>Name Of Conference/Seminar</b>	<b>Organization</b>	<b>International/ National</b>
1	Workshop	Engineering Drawing	APSCHE-JNTUH -1 WEEK 2012	National
2	Two Weeks ISTE-Workshop	Engineering Thermodynamics	IITB-ICT (MHRD) 2012	National
3	Two Weeks ISTE-Workshop	Fluid Mechanics	IITK-ICT(MHRD) 2014	National
4	Two Weeks ISTE-Workshop	Control Systems	2-WEEKS IITK-ICT(MHRD) 2014	National
5	Women In Engineering, Then , Now, Future	ICTIEE 2016, Pune	ICTIEE 2016, PUNE	International
6	1 Week Workshop	Composite Materials and Its Applications	Anurag Group of Institutions Hyderabad	National
7	1 Week Workshop	Engineering Drawing	Anurag Group of Institutions Hyderabad 2016	National
8	FDP-Solid works	Solid works Essentials and Simulation Advanced	LOGICAL SOLUTIONS	National
9	FDP	Finite Element Analysis and Practices Through ANSYS-1 Week FDP 2015	Geetanjali College Of Engineering And Technology	National
10	Value Added Course	AUTOCAD	Anurag Group of Institutions Hyderabad 2018	National
11	Presented -Design and Manufacturing of Fuze Shell	International Conference on Research Trends In Engineering, Applied Science And Management (ICRTE SM-2018)	Academic Science	National

12	Design And Manufacturing Of Fuze Shell	International Conference on Research Trends In Engineering, Applied Science And Management (ICRTESSM-2018)	Academic Science	National
13	Fabrication And Comparison Study of Rocker Arm	Emerging Trends In Mechanical Engineering-ETME 2019-	NIT Warngal	National
14	Workshop	Design And Simulation for Next Generation Application	Sae India Jayamukhi Collegiate Club -2018	National
15	Experimental Analysis of Cooling Effect Using Heat Exchanger Coil	National Conference on Emerging Trends in Mechanical and Chemical Engineering-NCETMCE 2019	ANURAG GROUP OF INSTITUTIONS HYDERABAD	National
16	NPTEL	Advanced Composites-12 Weeks Course	IITK	National
17	FDP	Advanced Composites- 1.5 Week FDP 2018	IITK	National
18	Workshop- Connect Engineers To MEP Industry	University Industry Interaction Centre 2018	JNTUH	National
19	FDP Coordinated	One Day National Workshop on Industrial Tribology	Anurag Group Of Institutions Hyderabad 2015	National
20	FDP Coordinated	Innovative Teaching Techniques in Engineering Graphics	Anurag Group Of Institutions Hyderabad 2017	National
21	Conferences Coordinated	Innovations And Developments in Mechanical Engineering	Anurag Group Of Institutions Hyderabad 2018	National
22	Conferences Coordinated	National Conference on Emerging Trends in Mechanical and Chemical Engineering-NCETMCE,2019	Anurag Group Of Institutions Hyderabad	National
23	National Conference Attended	Fabrication And Comparison Study of Rocker Arm	National Institute Of Technology , Warangal , Jan 2019	National
24	12 Weeks Course, Certification & 1.5 Weeks FDP	Advanced Composites	IIT K	National
25	12 Weeks course, Certification & 1.5 Weeks FDP	Introduction To Composites	IITK	National
26	LATEX	Open Foam Foss	IITB	National
27	12 Weeks course, Certification & 1.5 Weeks FDP	Fundamentals Of Manufacturing Processes	IITK	National
28	12 Weeks	Introduction to Industry 4.0 and Internet of Things	IITK	National

I hereby declare the above furnished information is true to the best of my knowledge.

Date: 08-06-2022

Pooja V. Angolkar



