




# DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

**DEPARTMENT OF MECHANICAL ENGINEERING**

Accredited NBA, NAAC with A+, New Delhi

<b>Faculty Name</b>	Dr. RAJNEESH	
<b>Academic Designation</b>	Associate Professor	
<b>Educational Qualification</b>	B.E., M.E, Ph. D., MIE.,	
<b>Experience in Years</b>	11 years, (Teaching)	
<b>Area of Interest</b>	1. Material Science & Tech., 2. Composite Materials & Tech., 3. Nano-material & Technology	
<b>Email ID</b>	<a href="mailto:rajanish-me@dsatm.edu.in">rajanish-me@dsatm.edu.in</a>	

## Educational Details

- Ph. D–FRP Nano-composites, VTU, Belagavi : (January-09, 2018)
- M.E –Advanced Material Technology, UVCE, Bangalore : (September-29, 2011)
- B.E- Mechanical Engineering, VTU, Belagavi : (March-12, 2008)

## Personal Details

- Languages Known: English, Kannada, Hindi,
- Contact No : +91 – 9902430242

## Professional Experience

- Associate Professor, Mech Engg Dept, DSATM, Bengaluru (01.02.2018 to till date)
- Assistant Professor, Mech Engg Dept, DSATM, Bengaluru (11.07.2012 to 31.01.2018)
- Assistant Professor, Mech Engg Dept, VVIT, Bengaluru (10.07.2010 to 10.07.2012)

## **Publications**

### **International Journals**

1. “Directional ILSS of nano-modified epoxy/unidirectional glass fiber composite”, AIMS Material Science, 5(4), 2018; (603-613).
2. “Longitudinal and compressive properties of alumina nanoparticles filled epoxy/unidirectional glass fiber composite laminate under in-plane loading”, Materials Today: ELSEVIER, P5(2018) (2921-2927)
3. “Alumina nanoparticles enhance the directional tensile properties of glass/epoxy composite”, Advanced composite letters, Vol 1, Iss. 1, 2016 (16-21)
4. “An investigation on ILSS properties of unidirectional glass fiber / alumina nanoparticles filled epoxy nanocomposite at different angles of fiber orientations”, Proc. Materials Science – ELSEVIER publications (2015) 555 – 562
5. “Influence of Nano-Modification on the Interlaminar Shear Strength of Unidirectional Glass Fiber Reinforced Epoxy Resin”, Journal of Minerals and Materials Characterization and Engineering, 2014, 2, 264-269
6. “Longitudinal and transverse compressive properties of alumina nanoparticles filled epoxy/unidirectional glass fiber composite laminate under in-plane loading” Materials Today: Proceedings 5 (2018) 2921–2927

### **Conference Attended**

1. International Conference on Advanced materials and Applications-2016 - An International Conference held in BMS College of engineering, Bangalore. Date: (15-17 June 2016).
2. “2<sup>nd</sup> International conferences on Nanomaterials and Technologies (CNT-2014)”, 17-18 October 2014 in Vardhaman College of Engineering, Shamshabad-501218, Hyderabad

**Workshop Attended**

1. “Stratasys User Forum 2018” held on Dec-18, 2018 at Hotel Conrad, Bangalore
2. “Innovation and IPR Workshop” held on Dec-5, 2018 at Sterlings Mac Hotel, Bengaluru
3. “3 day workshop on “OBE practices” on 18th to 20th of June 2018 organized by DSATM, Bengaluru-82.
4. “3 day workshop on “National board of accreditation (NBA)” on 11th to 13th of December 2017 organized by DSATM, Bengaluru.

**Patents published with All Details**

Mechanical pneumatic blanking and embossing machine

(Patent Application No: 201941050938 A)

**Research Grants fetched with File No.****Student Project Funds Fetched with Grant No.****Consultancy Amount Fetched with Details****Awards****Academic Activity**

1. Department Level IPR Coordinator
2. Department Level Project Coordinator
3. Department Level National Level Conference Coordinator
4. Department Level Project Symposium Coordinator
5. Department Level KSCST Students Project Proposal Coordinator

## Faculty Development Activity

1. “5 day FDP program on “Augmented & Virtual Reality Interfaces For 3D Printing & Design” held from 28<sup>th</sup> Jan to 1<sup>st</sup> Feb , 2020 at DSATM,Bengaluru-82
2. “3day FDP program on teaching learning process” held on july 26th to 28th ,2018 at DSATM, Bengaluru-82
3. “4 day FDP program on computer aided design, modeling & analysis of mechanical systems” held on jan 8th to 11th ,2018 at DSATM, Bengaluru-82

## Contact Details

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