

Faculty Profile

Brief Profile (Few Paragraphs)



Personal Information

- **Name:** Dr. Nanjundaradhya N V
- **Designation:** Professor
- **Department:** Mechanical Engineering
- **Email:** nanjundaradhya@rvce.edu.in
- **Phone:** 9448180450

Google Scholar - https://scholar.google.co.in/citations?user=sT_EJDYAAAAJ&hl=en

LinkedIn: <https://www.linkedin.com/in/nanjundaradhya-n-v-45717a2a2>

Domain of Expertise

Research Focus

- **Primary Area:** Composite Materials
- **Allied Areas:**
 - Advanced Materials
 - Nanomaterials

Academic Qualifications

- **Ph.D.:** Composites Materials and Structures, Bangalore University, 2009, "Experimental Investigation of Failure Modes in Hybrid Metal Matrix Composites"
- **M.Tech:** Machine design, UVCE, Bangalore, 1998
- **B.E.:** Mechanical Engineering, MCE, Hassan, Mysore University, 1993

Professional Experience

Experience			
Sl.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	R V College of Engineering	Professor, Mech. Engg. Dept.	May 2014 - Present

2.	R V College of Engineering	Associate Professor, Mech. Engg. Dept.	January 2011 - April 2014
3.	R V College of Engineering	Assistant Professor, Mech. Engg. Dept.	January 2006 - January 2011
4.	R V College of Engineering	Lecturer, Mech. Engg. Dept.	October 2000 - December 2005
5.	SJMIT, Chitradurga	Lecturer in the Dept. of Mechanical Engineering	Nov. 1998 - Sept. 2000
6.	SJES Polytechnic, Bangalore	HOD and Principal in the Dept. of Mechanical Engineering	August 1995 – October 1998
7.	SJES Polytechnic, Bangalore	Lecturer in the Dept. of Mechanical Engineering	February 1995 - August 1995

Publications & Patents

Journal Publications

1. N. V. Nanjundaradhya ,Pujar Nagabhushan V., and Ramesh S. Sharma. "Experimental investigation of the tensile and modal properties of epoxy based symmetric interlayer glass/carbon hybrid composites." *Materials Research Express* 9.2 (2022): 025304.
2. Bagali, Jagadeesh, N. V. Nanjundaradhya, and Ramesh S. Sharma. "Optimization of Resistance Spot Welding Parameters in a Shop Floor Environment to Achieve Desired Spot Size in Low Carbon Steel Sheet." *Key Engineering Materials*. Vol. 934. Trans Tech Publications Ltd, 2022.
3. N. V. Nanjundaradhya, Pujar Nagabhushan V, and Ramesh S. Sharma. "Experimental Investigation of the Dynamic properties of Nano-modified Interlayer Hybrid Composite with Graphene Oxide." *Saudi Journal of Engineering and Technology*, 6(1), 1-8, 2021.
4. N. V. Nanjundaradhya ,Mohamed Aqhil Ahmed, G.S. Prabhunandan "Numerical studies on flexural behaviour of gradedmulti-layer puf cored sandwich panels , *Journal Of Aerospace Sciences & Technologies* ,V73 N3 , Aug2021
5. N. V. Nanjundaradhya, Pujar Nagabhushan V, and Ramesh S. Sharma. "Effect of Stacking Sequence and Fiber Orientation on Natural Frequency of Hybrid Composites–an FE Approach." *Materials Today: Proceedings* 24 (2020): 1585-1594.
6. N. V. Nanjundaradhya, Pujar Nagabhushan V, and Ramesh S. Sharma. "Experimental studies on the tensile and flexural properties of epoxy based unidirectional glass/carbon interlayer hybrid composites." *AIP Conference Proceedings*. Vol. 2057. No. 1. AIP Publishing LLC, 2019.
7. N. V. Nanjundaradhya , Pujar Nagabhushan V, , and Ramesh S. Sharma. "Effect of graphene oxide nano filler on dynamic behaviour of GFRP composites." *AIP Conference Proceedings*. Vol. 1943. No. 1. AIP Publishing LLC, 2018.
8. N. V. Nanjundaradhya , Rajanish, M., et al. "Longitudinal and transverse compressive properties of alumina nanoparticles filled epoxy/unidirectional glass fiber composite laminate under in-plane loading." *Materials Today: Proceedings* 5.1 (2018): 2921-2927.

10. N. V. Nanjundaradhya , Rajanish, M., "Alumina nanoparticles enhance the directional tensile properties of glass/epoxy composite" *Advanced Composite Letters*– vol,25, iss1,2016,16-21
11. N. V. Nanjundaradhya , Rajanish, M., "An Investigation on ILSS Properties Of Unidirectional Glass Fibre / Alumina Nanoparticles Filled Epoxy Nanocomposite at different Fibre orientations" *Procedia Materials Science* 10 (2015) 555 – 562. Elsevier Publications
12. N. V. Nanjundaradhya , Rajanish, M., "Influence of Nano-Modification on the Interlaminar Shear Strength of Unidirectional Glass Fiber-Reinforced Epoxy Resin", *Journal of Minerals and Materials Characterization*, July 2014, vol. 2, page 264-269, Scientific Research Publications, USA
13. Nanjundaradhya N. V ,Rajanish, M, Sharma, R. S., Shivananda, H. K., & Hegde, A. (2018). Directional Interlaminar Shear Strength (ILSS) of nano-modified epoxy/unidirectional glass fibre composite. *AIMS Matet. Sci*, 5, 603-613.

Conference Papers

1. Participated in the conference titled "Advanced materials and applications-2016", held at BMS College of Engineering Bangalore, 15th&17th June 2016.
2. Participated in one week faculty development programme on "Recent Innovation in the use of composite in aircraft & automobile sectors", held at Dr Ambedkar Institute Tech. Bengaluru, 06th – 10th June 2016.
3. Undergone introductory training on digital manufacturing held by Ranal software, Bangalore, during 20th -24th June 2016 in association with department of IEM, RVCE, Bangalore
4. One day Workshop on finalisation of syllabi and Model question papers for VI semester, Mechanical Engineering Sciences ,Visvesvaraya Technological University (VTU), at ShridiSai College of engineering, ANekal Bangalore(14-04-2006).
5. One day Seminar on E-Education conducted by R.V.College of Engineering Bangalore 2006.
6. Two day Faculty Development programme on "Lean Manufacturing Systems" - Organised by R V College of Engg., Bangalore -- Member of the Organising Committee (29th – 30th April, 2005)
7. One day Seminar on " Nano Technology" conducted by ISRO and R.V.College of Engineering, Bangalore (26th June, 2004)
8. One-week Short-term training programme on "World Class Management Practices for Managing Professional Institutions"- Organised by R V College of Engineering, Bangalore Sponsored by ISTE (23rd – 28th August, 2004)
9. Three-day workshop on " Indo-German workshop on Automotive Systems and Advanced Production Engineering (IGWAE -2003)" - Organised by Department of Industrial Engineering & Management and Department of Mechanical engineering, R .V. College of Engineering - Member of the Organising Committee. (27th Feb 2003-- 1st March 2003).
10. Two day training programme on " Personality Development " on 27th to 28th Aug, 2003, conducted by Inquest Foundation at R V College of Engg., Bangalore.
11. One day Workshop for drafting VTU Syllabus for V to VIII Semesters (VTU), at Dept. of Mechanical Engineering, R.V.College of Engg., Bangalore,2001.

12. One Day Work shop on " Solid Edge 2D Drafting And 3D Modelling " Taixila Info Technologies, Tata Consultancy Services, Bangalore (10-06-2001).
13. Two weeks Short Term Training programme on "Recent developments in Total Quality Management (TQM)" - Organised by R V College of Engineering thro' ISTE, sponsored by AICTE – CEP. (11th Sept.–23rd Sept. 2001)
14. Two day seminar on "Supply Chain and Logistic Management" – conducted by, Dept. of Industrial Engineering and Management, R.V.College of Engineering, Bangalore-59 (20th – 21st, March, 2001)

Book Chapters

1. Futuristic Trends in Mechanical Engineering, Volume-3, Book 6, 2024, IIP Series.

Professional Memberships

- Member of ISTE-RVCE Chapter

Awards & Recognitions

- [Award Name], [Organization], [Year]
- [Achievement], [Details], [Year]

Student Supervision

- **Ph.D. Candidates:** 03 ([3] Graduated)
- **M.Tech/ M.Sc Engg.(Research):** 08/01
- **Undergraduate Research Mentees:** 02

Professional Roles

- **Editorial Board:** MAT Journal
- **Chair/Committee Member:** [Conference Name, e.g., *IEEE International Conference on Robotics*]

Teaching

Core Courses: [M.Tech - II Sem, B.E – II, V & VI Sem]

- MMD323B1 - Tribology for Mechanical System and Bearing Design
- ME124BTS – Elements of Industry 4.0
- 21ME52- Design of Machine Elements-I
- 21ME62 – Design of Machine Elements-II

Advanced/Lab Courses:

- Vibration

Professional Roles

Responsibilities

- **Academic:** UG & PG – BOE Co-ordinator
- **Administrative:** RVCE-MSME Incubation Cell Incharge

External Connect

- Invited as External Expert for the Departmental Promotional Committee held at ISRO Headquarters, Bengaluru.
- PhD External Examiner for Anna University, Pondicherry University, Kuvempu University, Mangalore University, Bengaluru University, MAHE Manipal
- BoS and BoE External Member for Bengaluru University, VTU, Autonomous Institutions such as DSCE, MVJCE, DSATM and Dr. AIT
- Appeared as a Session Chairperson for an International Conference held at REVA University, Bengaluru and a National Conference held at JSSATE, Bengaluru
- External reviewer Mock NAAC – Malnad college of Engineering, Hassan