

## Education Qualification

- ✓ **Ph.D (2008)**, Indian Institute of Technology Roorkee, Roorkee  
Thesis Title: Studies on the Role of HVOF Coatings in Improving Resistance to Hot Corrosion and Erosion
- ✓ **M.Tech (2002)**, Visveswaraiah Technological University  
Manufacturing Science and Engineering, Secured university third rank
- ✓ **B.E (1999)**, Bangalore University, Mechanical Engineering  
First class with distinction

## Subjects Taught

- 1. Under Graduate Courses:** Material Science and Metallurgy, Manufacturing Technology, Applied Finite Element Methods, Automobile Engineering, Metal Forming Processes, Machine Drawing, Engineering Drawing
- 2. Post Graduate Courses:** Surface Treatment and Finishing, Metal Removal Processes, Mechanical Behavior of Materials, Advanced Foundry Technology.

*A course on “Surface Treatment and Finishing ” is designed, developed and floated for PG and PhD students*

# TEACHING EXPERIENCE AND RESEARCH GUIDANCE



## Work Experience (Associate Professor- 7 years and Assistant Professor- 8.4 Years)

Designation	From	To	Institute
Associate Professor	2018 May	Till Date	National Institute of Technology Karnataka, Surathkal
Assistant Professor Grade-I	2015 Mar	2018 May	National Institute of Technology Karnataka, Surathkal
Assistant Professor	2012 Dec	2015 Mar	National Institute of Technology Karnataka, Surathkal
Associate Professor	2011 April	2012 Dec	M.S.Ramaiah Institute of Technology, Bangalore
Assistant Professor	2008 July	2011 April	Reva Institute of Tech and Management, Bangalore
Assistant Professor	2008 Feb	2008 July	Nitte Institute of Technology, Bangalore

### PhD Guidance

- ✓ Completed: 20
- ✓ Ongoing : 08

### M.Tech Project Guidance

- ✓ Completed: 17 (Since 2018)
- ✓ Ongoing : 02

### UG Project Guidance

- ✓ Completed: 09 Batches (Since 2018)
- ✓ Ongoing : 01

# RESEARCH PUBLICATIONS

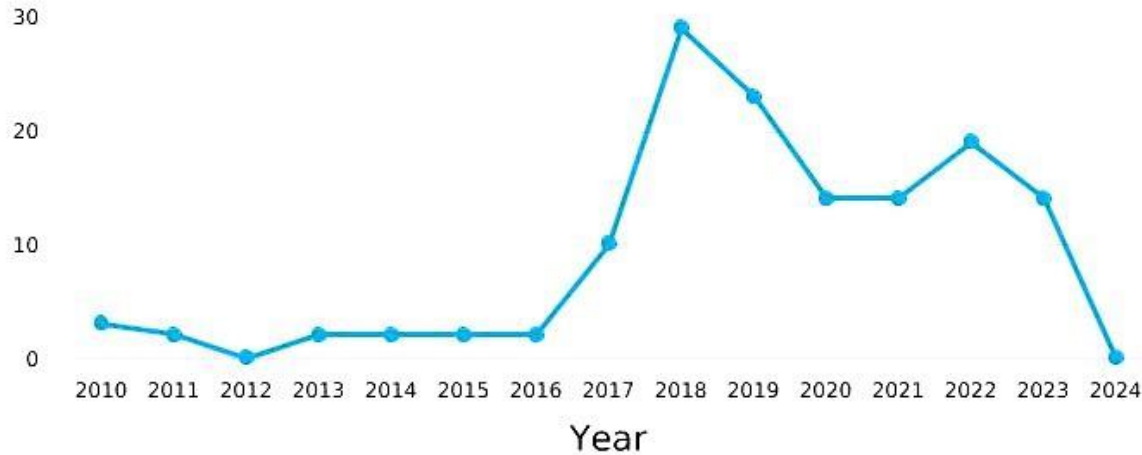


136 Documents

Scopus

Average impact factor of journals: 3.46

Documents

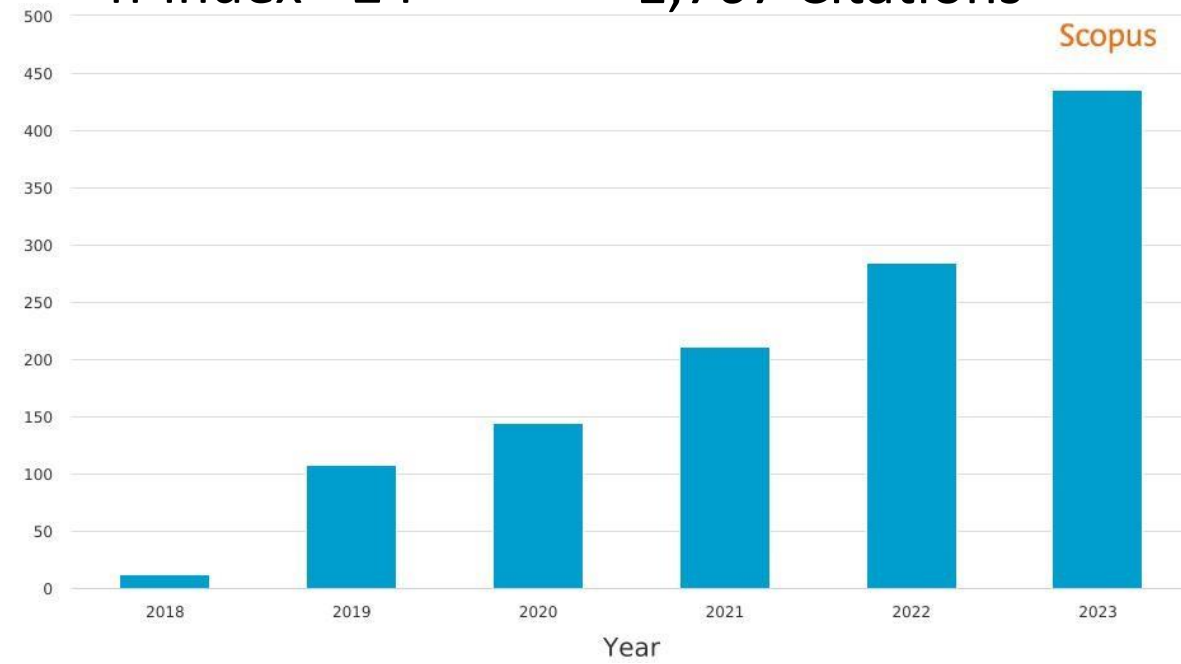


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1,767 Citations

Scopus

Citations



## Journal Publications

- ✓ International: 97
- ✓ National: 11

## Conference Publications (Since last promotion)

International: 26

## Book Chapters (Since last promotion)

International: 08

Edited conference proceedings of 5th International Conference on Advanced Research in Mechanical, Materials and Manufacturing Engineering-2021, Materials today Proceedings, Volume 54, Part 2, Pages 131-556 (2022)

23-10-2023

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# PROJECTS AND PATENT



Funding Agency	Title of the Project	Project Cost (Rs)	Duration
SERB, New Delhi, under Core Research Grant	Performance evaluation of HVAF sprayed NiAl intermetallic based composite coatings for aerospace repair and manufacturing applications	<b>30,28,817</b>	<b>2023-2026</b> <b>Principle Investigator</b>
<b>DST-International Cooperation Division, India-Belarus Joint Research Programme</b>	Combined HVOF-PVD technology in coating manufacturing alternate to hard chrome	<b>12,51,680</b>	<b>2023-25</b> <b>Principle Investigator</b>
SERB, New Delhi, under Core Research Grant	Design and development of Supercritical carbon dioxide based naturally circulated solar thermal collector	<b>23,81,764</b>	<b>2021-2024</b> <b>Co-Investigator</b>
All India Council for Technical Education	Development of HVOF sprayed cermets coatings in improving resistance to hot corrosion and erosion of gas turbine alloys	<b>18,10,000</b>	<b>2013-2016</b> <b>Principle Investigator</b>

## Patent

Novel system, design method and fabrication of solar water heater using  $\text{Co}_2$  and heat exchanger

Application No.202141045120 A , Publication Date : 10/12/2021

# Administrative Responsibility and Workshop/Conference Organised



## Conferences and Workshop organized (Since last promotion)

1. Coordinator for TEQIP-III Sponsored Five-Day National E-Workshop on “**Design and Manufacturing of Advanced Materials**”, held on February 15-19, 2021.
2. Joint Secretary of “**International Conference on Design, Materials & Manufacture-2019**”, Dec 6-8, 2019.
3. Joint Secretary of “**International Conference on Design, Materials & Manufacture-2018**”, Jan29-31, 2018.
4. Joint Secretary of “**International Conference on Polymer Composites**”, December 15-16, 2018.

## Administrative Positions (Since last promotion)

1. **Finance Warden** (2023- till date), **Quality monitoring warden** (2021-23), **Warden** in Satpura Hostel(2018-20).
2. **Faculty Advisor** for NITK Students Club-Kannada Vedlke (2013 -19) and Member-Sports advisory committee.
3. **Chairman**-Dept Post Graduate Committee(2022-23) and **Chairman**-Dept Under Graduate Committee(2021-22).
4. **Co-coordinator** of NBA Committee-UG & PG(2022-23), **Coordinator** of Departmental database committee (2020-21), **Coordinator** of UG Project Work Allotment Committee(2018-20),
5. **Faculty advisor** of M Tech Manufacturing Engineering (2017-19; 2023).
6. **Faculty In-charge** of Machine Shop Laboratory (2014-22) & Carpentry and Sheet Metal Work(2022-till date).
7. **Co-Convenor** during 20th &16th annual convocation (Stage arrangements and Mementoes Committee).
8. **Board of directors**-NITK student Co-operative society(2020-till date)