



||Jai Sri Gurudev ||

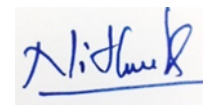
**B G S College of Engineering & Technology,
Mahalakshmpuram – 560086.**

RESUME

Name	Dr. NITHIN H S			
Date of Birth	07/05/1989			
Address	<p>Contact Address: Assistant Professor, Dept of Mechanical Engineering, BGSCET, Bengaluru -86 Scopus ID: 57194035907 Google Scholar ID: UewVbxoAAAAJ&hl Microsoft Academic ID: 2759412516 Residential Address: #18, Keshava Road, Indra Nagar, Hassan-573201</p> <p>Contact Nos:</p> <p>E-mail: nithin.bgscet@gmail.com Mobile: 9844546475</p>			
Department / Discipline	Mechanical Engineering			
Education al Qualificati ons	Exam Passed (Pl. Tick)	Institution University	% & Class Obtained	Year
	Degree: B.E.	Malnad College of Engineering, Hassan, VTU	64.3% First Class	2010
	PG: MTech	Malnad College of Engineering, Hassan, VTU	73.6% First Class with Disctinction	2012
	Higher: Ph.D.	National Institute of Technology Karnataka-Surathkal	Awarded	2018
	Others			
Experience	Nature of Experience		No. of Years	
	Teaching		4.5	
	Research		5.5	
	Total No. of years of Experience		10	
Experience Details	Designation	Institution/ Organization		Duration
	Senior Research Fellow	NITK-Surathkal		1 year
	Research Scholar	NITK-Surathkal		4.5 Years
	Assistant Professor	REVA University, Bengaluru		1.5 Years
	Assistant Professor	Malnad College of Engineering, Hassan		3 Years
Professional bodies Membership details	<ul style="list-style-type: none"> Member of Tribological Society of India 			
Other Professional Experience				
Areas of Research Interest & Guidance	<ul style="list-style-type: none"> Thermal Spray Coatings-High Temperature Applications, Solid State Battery application. Friction Stir Processing Severe Plastic Deformation and Accumulative Role Bonding 			
Distinctions/Awar dsReceived	<ul style="list-style-type: none"> Awarded 1 Lakh For Polymer-project from NAIN-Govt of Karnataka Published one Indian patent 			
National/ International WorkShops/ Seminars /	Sl.No.	International Conference	Venue	Date
	1	International Conference on Mechanical, Materials and manufacturing Engineering-2020	REVA University, India	February 2020

Conferences Attended				
	2	Advances in Materials & Processing: Challenges & Opportunities (AMPCO) 2017	IIT Roorkee	December 2017
	3	54th National Metallurgist Day and 70th Annual Technical Meet (NMDATM) 2016	IIT Kanpur	November 2016
	4	2nd International Conference on Computational Methods in Engineering and Health Sciences (ICCMHE)	Malaysia	December 2015
No. of Papers Presented/ Books Published		Sl. No.	Title	Journal / Conference details
	1	Comparative analysis of CoCrAlY coatings at high-temperature oxidation behavior using different reinforcement composition profiles	Welding in the World	
	2	Evaluation of High Temperature Dry Sliding Wear Behaviour of Thermal Sprayed and Microwave Fused WC12Co and CeO ₂ Modified WC12Co Composite Coatings.	Applied Science and Engineering Progress	
	3	Review on Tribological and Mechanical behavior in HVOF Thermal Sprayed composite coatings	Journal of Bio- and Tribo-Corrosion	
	4	Effect of Laser Post Treatment on Microstructural and Sliding Wear Behavior of HVOF Sprayed NiCrC and NiCrSi Coatings	Surface Review and Letters,	
	5	Studies on solid particle erosion by HVOF sprayed 25%(Cr ₃ C ₂ -25 (Ni ₂ O ₃))+ 75% NiCrAlY on Ti-31	Materials Today: Proceedings	
	6	High Temperature Oxidation and Corrosion Behaviour of APS CoCrAlY+Cr ₃ C ₂ -NiCr Composite Coating	Journal of Bio- and Tribo-Corrosion	
	7	Influence of ageing on kinetics and strain hardening behaviour of duplex stainless steels	Emerging Materials Research	
	8	Hot Corrosion Behaviour of Refractory and Rare Earth Oxide Reinforced CoCrAlY APS Coatings at 700° C	Transactions of the Indian Institute of Metals	
	9	Elevated temperature solid particle erosion behaviour of carbide reinforced CoCrAlY composite coatings	Materials Research Express	
	10	Cyclic Oxidation and Hot Corrosion Behavior of Plasma-Sprayed CoCrAlY+ WC-Co Coating on Turbine Alloys	Journal of Failure Analysis and Prevention	
	11	Elevated Temperature Solid Particle Erosion Performance of Plasma-Sprayed Co-based Composite Coatings with Additions of Al ₂ O ₃ and CeO ₂ .	Journal of Materials Engineering and Performance	
	12	An Investigation on High Temperature Erosion Behaviour of Plasma Sprayed CoCrAlY/Al ₂ O ₃ /YSZ on Fe and Ni Based Alloys	Pertanika Journal of Science & Technology	
	13	Heat Treatment of Friction Surfaced Steel-Aluminum Couple	Materials Science Forum	
Additional Information (Patents, if any)				

Date:15/11/2022



Signature of the Candidate