CURRICULUM VITAE

1. **Name:** Shashi Kant Verma
2. **Address for Correspondence:**
   Assistant Professor, Mechanical Engineering Department
   Institute of Engineering and Technology
   Bundelkhand University Jhansi-284128 UP
   Phone/cell: 7839049362, 7985111463
   E-mail:skvmech18@gmail.com
3. **Present Position:**
   Designation: Assistant Professor
   Organization: Mechanical engineering Department, Institute of Engineering and Technology
   Bundelkhand University, Jhansi
4. **Areas of Specialization:** Production**,** Machine Design
5. **Current Areas of Research:** Polymer, Metal Matrix Composites, tribology.
6. **Academic Record:**

Degree (Subjects)	Institution	Year
B. E. (Mechanical)	HBTI Kanpur	2006
M. Tech. (Manufacturing System Engineering)	MNIT Jaipur	2010
Ph.D. (Mechanical)	UTU Dehradun	Pursuing

7. **PhD Thesis:** Influence of dolomite on Physical, Mechanical and Erosive Wear behaviour on Natural/Synthetic fiber Reinforced Polymer Composite for Wind Turbine Blade.
8. **Teaching Experience**

Duration	Organisation	Area(S)
19/10/2013 TO Till date	Mechanical Engineering Department IET BU Jhansi	Mechanical Engineering

20/05/2012 to 18/10/2013	VACOE Ahmednagar, Maharashtra	Mechanical Engineering
15/09/2010 to 20/04/2012	G L BAJAJ Institute of Engineering and Technology, Mathura UP	Mechanical Engineering

9. Publications

A). Papers in Refereed Journals

S.N.	Author(s)	Indexing & SCIE impact factor	Title	Complete reference of journal
1	T. Singh, B Gangil, B singh, **SK Verma**, D Biswas and G Fekete	SCIE IF: 5.289	Natural-synthetic fiber reinforced homogeneous and functionally graded vinylester composites: effect of bagasse-kevlar hybridization on wear behavior	Journal of material research and technology 8 (2019) 5961-5971
2.	**SK Verma**, A Gupta, T Singh B Gangil, E Janosi and G Fekete	SCIE IF: 1.929	Influence of dolomite on mechanical, physical and erosive wear properties of natural synthetic fiber reinforced epoxy composites	Materials Research Express 6 (2019) 125704
3.	**SK Verma,** B Gangil, A Gupta N S Rajput and T Singh	SCI IF: 3.171	Dolomite dust filled glass fiber reinforced epoxy composite: influence of fabrication techniques on physicomechanical and erosion wear properties	Polymer composites 43 (2021) 551-565
4.	Brijesh Gangil, Lalit Ranakoti, **Shashi Kant**	SCIE IF: 5.289	Utilization of waste dolomite dust in carbon fiber reinforced vinylester composites	Journal of material research and technology 8

	Verma, Tej Singh			(2019) 5961-5971
5.	Pawan Kumar Singotia, Akhilesh Kumar Choudhary, **Shashikant Verma,** Veeresh Fuskele	Scopus Index	An Assessment of Performance and Emission Characteristics of Diesel Engine Fueled with Zirconia Nanoparticles Additive in Diesel Biodiesel Blend	Proceedings of the Recent Advances in Renewable Energy Sources-RARES2021

B. Papers published in Conference Proceedings

S.No.	**Author(S)**	**Proceeding /Vol (Year) Page No.**	**Title**
1.	**SK Verma**, M Mittal and P Meena	RAM 2010 SVNIT SURAT	Application of Single Minute Exchange Of Die In An Automobile Industry
2.	P Meena, M Mittal and **SK Verma**	RAM 2010 SVNIT SURAT	Facility Layout Design Using Graph Theory: Case of Gear Manufacturing Company
3.	**SK Verma,** A Verma, V Kumar and B Gangil	Material today proceeding 44 (2021) 4256-4260	Concentrated photovoltaic thermal system using Fresnel lenses- A review
4.	**Shashikant Verma**	ICRAMIE2021 NIT Bhopal	Optimization surface roughness and thrust force used in drilling of glass fiber reinforced epoxy hybrid composite
5.	**Shashikant Verma**	ICRAMIE2021 NIT Bhopal	Mechanical characterisation of dolomite filled epoxy polymer composite
6.	**Shashi Kant Verma**	(ICRAMME - 2022) ARYA	A Study on Physical and Mechanical Properties of Green Composite.

		College of Engg. & I.T.	
7.	**Shashi Kant Verma**	(ICRAMME - 2022) ARYA College of Engg. & I.T.	Fabrication Process Used in Green Composite: A Review

c. Book Chapters

S.No.	Author(s)	Year	Title	Editor and publisher
1.	**SK Verma,** A Gupta, V K Patel, B Gangil, and L Ranikoti	2019	The Potential of Natural fibers for Automotive Sector	Automotive Tribology, (Ed. J K Katiyar, S Bhattacharya, V K Patel, V Kumar) **Springer Nature** Singapore (ISBN 978-981-15-0434-1)
2.	B Gangil, L Ranakoti, **SK Verma** ,T Singh and S Kumar	2020	Natural and synthetic fibers for hybrid composites	Hybrid Fiber Composites: Materials, Manufacturing, Process Engineering (2020): 1-15. Wiley-VCH Verlag GmbH & Co. KGaA
3.	L ranakoti, B Gangil and **SK Verma**	2021	Liquid phase processing techniques for functionally Graded Material	Functionally graded material(FGMS) fabrication, properties applications and advancements pp-39-48 CRC press Taylor & Francis ISBN: 9781003097976
4.	**SK Verma**, L ranakoti B Gangil and MGupta	2022	Drilling and repair of the composite sandwich panels	Sandwich composites fabrication and characterisation pp-261-275 CRC press Taylor & Francis ISBN: 9781003143031

5	Brijesh Gangil, **Shashikant Verma,** Lalit Ranakoti, Sandeep Kumar	2023	Hybridization of Reinforced Fibers on the Performance of Green and Eco-Friendly Composites	Sustainability of Green and Eco-friendly Composites PP-71-81, CRC Press, Taylor & Francis ISBN: 9781003272625
6.	**Shashikant Verma,** Brijesh Gangil, Ashutosh Gupta, Jitendra Verma, Vishal Arya	2023	Fabrication and Characterization of Green Composite	Sustainability of Green and Eco-friendly Composites PP-23-41, CRC Press, Taylor & Francis ISBN: 9781003272625

(Shashi Kant Verma)