FACULTY WEBSITE PROFILE

Name of The Faculty	Mrs. Vedhika B R 
Designation	Assistant Professor
Qualification	BE, M.Tech, (PhD)
E Mail ID	vedhikabr@jssstuniv.in
LinkedIn ID	https://www.linkedin.com/in/vedhika-bangera-166189175/
ORC ID	0009-0009-6151-9395
Contact Number	7760579119
Work Experience	
1. Teaching	2 years
2. Industry	2.8 years
3. Research	-
4. Other	-
Area of Specialization	Polymer Science and Technology
Subject Taught	
1. Under Graduate Level	• Basics of Polymer Engineering • Engineering plastic • Processing Technology • Total Quality Management • Smart Packaging • Polymer Blends & Composite • Engineering Management
2. Post Graduate Level	• Blends and Alloys • Nano Material & Technology • Project Engineering & Management
Research Guidance: NA	
Publication Details	

1. Inter National Journal	1. Santhosh, K. N., Aditya, D. S., Hemavathi, A. B., Babu, A., Vedhika, B. R., Bindya, S., & Iyer, M. S. (2026). Biopolymer and Cellulose-Based Aerogels: The Next-Generation Porous Materials for Sustainable Applications. Sustainable Polymer & Energy, 4(3), 10014.
2. National Journal	
3. Conferences	1. Millan Bomb, Vedhika B. R, Kishore V, A B Hemavathi, G S Ananthapadmanabha. *Development of Thermo Plastic Starch/Polypropylene Blend by Reactive Extrusion for Sustainable Food Packaging Applications.* Presented at national conference Advances in Polymer Processing for Sustainable Development (APPSD), held at Pillai College of Engineering, New Panvel, Mumbai on October 15, 2022. 2. K V Anusha, A B Hemavathi and B R Vedhika presented a paper entitled *Biopolymers for Printed Circuit Boards: A Sustainable Revolution in Electronics* in the 8th National conference on Advanced Polymeric Materials and Applications Organized by Dept. of Polymer Science and Technology in association with Indian Rubber Institute (IRI), Karnataka branch, at SJCE, JSS STU, Mysuru during 15-16th May 2025. 3. Presented paper entitled *Fabrication and Performance Evaluation of Lantana Camara as a Sustainable Wood Composite* at 8th International Conference on Recent Advances in Composite Materials (ICRACM-2025)organised by Indian Institute of Technology (BHU), Varanasi during 02/12/2025 to 04/12/2025
Research Projects / Consultancy Undertaken	
FDP /STTP/Technical Seminar Organised and Participated as a Resource Person	Attended: 1. Vedhika B R, Dr. Sowmya B, Preethi, Madhukumar attended workshop on "Prevention of Sexual Harassment at Workplace (POSH)" organised by JSS Centre for Management Studies in association with Internal Quality Assurance Cell (IQAC), JSS STU and Internal

	Complaints Committee (ICC), JSS STU on 22nd January, 2025. 2. Mrs. Vedhika B R attended the two-day Faculty Development Program on 'Next-Generation Management Studies' held on 10th and 11th of March 2025 organized by the JSS Centre for Management Studies, JSS STU, Mysuru. 3. 5 teaching faculty with 2 lab staff from PST (Roopa S, Chandresh M. P., K. G. Pradeepa, Vedhika B. R., Sowmya B., Madhu and Preethi) attended 4 days FDP on "AutoCAD and 3D Modeling with Autodesk fusion" from 1st to 5th April 2025, organized by Department of Mechanical Engineering at JSSSTU, Mysuru. 4. Mrs. Vedhika B R attended Five-day online Faculty Development program titled "Advanced research and Methodologies," organized by Department of Basic Science and Humanities of Abacus Institute of Engineering & Management (AIEM) from 13th to 17th May 2025 5. Mrs. Vedhika B R & Dr. Sowmya. B attended the Six-day online Faculty Development program titled "Advanced Materials for Sustainable Energies" during May 26 - 31, 2025. organized by PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur. 6. **Mrs. Vedhika B R** successfully completed one-week online STTP on **Practical Use of AI Tools in Research Paper Writing** from 26th-31th January 2026, organized by Nextgen Institute for Research and Innovation, Haryana. Organised: 1. Dept. of PST Organized One Day Technical Symposium on ADVANCES IN POLYMER TECHNOLOGY, the 4th edition In the Memory of Dr. K. S. Jagadeesh, Dr. G. M. Shashidhara & Dr. Siddaramaiah, IS Seminar Hall, Golden Jubilee Bhavan| JSS STU, Mysuru on Wednesday 24th December, 2025.
Professional Membership	1) Indian Rubber Institute