


K. S. SCHOOL OF ENGINEERING & MANAGEMENT

15, Mallasandra, Off. Kanakapura Road, Bengaluru-560109, Karnataka, INDIA.



KSSEM
K. S. SCHOOL OF ENGINEERING & MANAGEMENT

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| Faculty Name | Dr. Vaishali R Bote |  |
| Designation | Assistant Professor | |
| Educational Qualification | M.Sc. Ph.D. | |
| Experience in Years | Teaching: 12 | |
| Areas of Interest | Material Science, Nano Composites | |
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Educational Details

| Examination/ Degree | College / University | Year of Passing |
|--------------------------------|---|----------------------------|
| B.Sc. | Karnataka University, Dharwad, Karnataka, India | 2005 |
| M.Sc. | Karnataka University, Dharwad, Karnataka, India | 2007 |
| Ph.D. | Visvesvaraya Technological University, Belgaum | 2024 |

Publications

Journal Publications:

- 1. Raosaheb BV, Aralihalli S, Kalkornsurapranee E, Tuljitrarn A, Chuaybamrung A, Kumar KK, Johns J. Synergistic effects of 2, 4 dihydroxybenzaldehyde and carbon black nanoparticles on the properties of natural rubber. Emergent Materials. 2023 Aug;6(4):1371-82. <https://doi.org/10.1007/s42247-023-00528-6>**
- 2. Bote Vaishali Raosaheb, Anand Adeppa, Sudhakara Aralihalli, Ekwipoo Kalkornsurapranee, Akarapong Tuljitrarn, Arthittaya Chuaybamrung, AV Vijayashankar, Jobish Johns. A Novel Chemical Route for Low-Temperature Curing of Natural Rubber Using 2, 4 Dihydroxybenzaldehyde (DHB): Improved Thermal and Tensile Properties. Iranian Polymer Journal 2024 Mar 18:1-1. <https://doi.org/10.1007/s13726-024-01297-7>**
- 3. Anand A, Raosaheb BV, Reddy MH, Aan MS, Ekwipoo K, Kumar RP, Vijayasankar AV, Binish CJ, Johns J. Unveiling the synergistic effect of zinc oxide and carbon black nanoparticles on the dielectric properties of vulcanized natural rubber. Next Nanotechnology. 2024 Jan 1;6:100092. <https://doi.org/10.1016/j.nxnano.2024.100092>**

Conference Papers :

1. **Raosaheb BV**, Kumar KK, Johns J. CB Reinforced Polymer Nanocomposites: A Research Review. SYNTHESIS. **International Journal of Management, Engineering and Technology** 2024 March

Awards

Other Accomplishment

Research Guidance

Professional Membership

1. ISTE

Contact Details

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