

Name of the Teaching Staff	Mr. PAVANKUMAR MURALAKAR			
Designation	Assistant Professor			
Department	Chemistry			
School	School of Sciences, Arts, Media and Management			
Date of Joining the Institution	30 July-2022			
Qualification with Class / Grade	UG	PG	Ph.D.	
	B.Sc. (First)	M.Sc (First)	Pursuing	
Area of Specialization	Medicinal Chemistry, Synthetic Organic Chemistry, Nano chemistry			
Research Interests	Medicinal Organic Chemistry, Nanomaterials, Natural products			
Subjects Teaching	Under Graduate		Post Graduate	
	Analytical Chemistry, Physical Chemistry, Spectroscopy and Aromatic Hydrocarbons, Chemistry of Cosmetics and Perfumes, Fuel Chemistry, Retro synthesis and Polymers, Industrial Metallurgy, Organic Chemistry Lab, Inorganic Chemistry Lab, Physical Chemistry Lab		-----	
Total Experience in Years	Teaching	Industry	Research	
	14	---	01	
Papers Published	National	03	International	02
Papers Presented in Conference	National	04	International	--
Conferences / Symposiums / Seminars / Workshops Participated	National	25	International	02
FDP / STTP / MDP / Summer / Winter School attended	---			
M.Phil. / Ph.D. Guide ship	Field		University	
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Ph.D. Projects Guided	Ph.D.s	----	Project at Master's Level	----
Professional Memberships	<ul style="list-style-type: none"> ➤ Life member of Indian Chemical Society, India (ICS1422) ➤ Annual Member of American Chemical Society (ACS) ➤ Life member of Institute for Engineering Research and Publication (IFERP) 			

Consultancy Activities	-----
Awards & Honours	<ul style="list-style-type: none"> ❖ “Dr.A.P.J. Abdul Kalam Teaching Excellence Award” from MARINA LABS,Chennai ❖ “Best Chemistry Professor of the Year-2021” from International Education Awards, New Delhi ❖ “Research Excellence Award 2020” from “Institute of Scholars, Bangalore for peerreviewed research paper on April-2020
Grants Fetched	-----
Interaction with Professional Institutions	<ul style="list-style-type: none"> ➤ Rani-Channamma University, Belagavi, Karnataka ➤ Presidency University, Bangalore North
Educational Details	<p>B.Sc. – Karnataka-University, Dharwad</p> <p>M.Sc. – Kuvempu-University, Shivamogga.</p> <p>M.Phil. – Vinayak-Mission University, Salem</p> <p>Ph.D. – Pursuing</p>
Contact Details	<p>Room No:</p> <p>Building: Science & Humanities, Second floor</p> <p>Mobile: +91-7083756836</p> <p>Intercom: 4409</p> <p>E-mail: pavankumarm@karunya.edu / pkmuralkar@gmail.com</p> <p>Webpage(if any)</p>
<p><u>Papers Published</u></p> <ol style="list-style-type: none"> 1) Topic on “<i>Synthesis of Coumarins & Investigation of their Antimicrobial Activity</i> “published on1stApril 2017 in “International Research Journal of Chemistry” journal Volume No.17, online & print, Page no. 16 & 17. NAAS SCORE: 4.32 2) Topic on “<i>Extraction of stem of Vitex negundo & its analgesic activity</i>” published on 4th March 2017 in “Bulletin of Environment, Pharmacology & Life Sciences” [BELPS] journal Volume No 5[4], online & print, Page no.1-3. NAAS SCORE:4.95 3) Topic on “<i>Antifungal activity of stem of Vitex negundo</i>” published on 18thmarch 2017 in “ International Journal of Experimental Pharmacology”[IJEP] journal volume no:7,online&print,Page no:14 to 16.NAAS SCORE:4.55 4) Topic on “Design and synthesis of Imino alcohol decorated graphene oxide 	

nanosheets as an electrode material for sensor applications” published on Feb-2022 in Elsevier [Materials Today: Proceedings](#) ,

DOI: [10.1016/j.matpr.2022.01.224](#)

- 5) Topic on “Recycling of saw dust as a filler reinforced cotton seed oil resin amalgamated polystyrene composite material for sustainable waste management applications Keywords: Saw Dust Polymeric Resin Sustainable Waste Management Waste to Wealth Cotton Seed Oil Copolymer Polystyrene Mechanical Properties” published on April-2022 in Elsevier [Materials Today: Proceedings](#) DOI: [10.1016/j.matpr.2022.03.331](#)

Papers Presented in Conference:

- ✚ Poster Paper in 11th India-Japan Science & Technology Seminar, organized by Indian JSPS Alumni Association (IJAA) under Dept of Science & Technology, Govt of India on 6th -7th December-2021.
- ✚ Presented Paper in International Virtual Conference on “Chemistry-Frontiers & Challenges” organized by PSGR Krishnammal College for Women, Coimbatore on 6th Jan 2022.
- ✚ Presented Paper in International conference on “Pharmaceutical Research and Innovations” ICPRI-2022 organized by Indore Institute of Pharmacy, Indore on 7th Jan 2022.

Patents: -----

Books / Book Chapters

- ✚ Book Chapter: "The Jacky Model: Hydrazine Decorated Two-Dimensional Nanosheets for Energy Storage Applications" of published book entitled "Advanced Research in Chemistry (Volume - 3)"page No:19-41, 2022 having ISBN 978-93-5570-090-2.

Research Group Members

Dr. Jebasingh.B, Associate Professor, Department of Chemistry, KITS

Mrs. N.B. Mercy Eben

Mrs. Thushara.K.M

Mr. Xavier.T.V.