


### *Faculty Profile*

<b>Name of Faculty: Dr. Pratik N. Gaikwad</b>		
<b>Designation: Assistant Professor</b>		
<b>Qualification: M.Sc., Ph. D.</b>		
<b>Specialization: Chemistry</b>		
<b>Official Email ID: pngaikwad.dypcet@dypgroup.edu.in</b>		
<b>Courses Taught</b>	<ul style="list-style-type: none"> <li>• <i>Applied Chemistry</i></li> <li>• <i>Industrial and Engineering Chemistry</i></li> <li>• <i>Inorganic Chemistry</i></li> </ul>	
<b>Roles and Responsibilities</b>	<ul style="list-style-type: none"> <li>• <i>Departmental Exam Coordinator</i></li> <li>• <i>Gymkhana and Sports Coordinator</i></li> <li>• <i>Chemistry Lab Incharge</i></li> <li>• <i>Chemistry Course Incharge</i></li> <li>• <i>Student Welfare Incharge</i></li> <li>• <i>NSS Coordinator</i></li> </ul>	
<b>Research Contribution</b> <i>(write only if available else delete)</i>	<p>Photocatalytic performance of magnetically separable Fe, N co-doped TiO<sub>2</sub>-cobalt ferrite nanocomposite, PN Gaikwad, PP Hankare, TM Wandre, KM Garadkar, R Sasikala Materials Science and Engineering: B 205, 40-45</p> <p>Improvement of photocatalytic activity of TiO<sub>2</sub>-WO<sub>3</sub> nanocomposite by the anionically substituted N and S PN Gaikwad, TM Wandre, KM Garadkar, PP Hankare, R Sasikala, Colloids and Surfaces A: Physicochemical and Engineering Aspects 506, 804-811</p> <p>Sn-Doped TiO<sub>2</sub>: Efficient Photocatalyst for Degradation of Methyl Orange Under Sunlight, PP Hankare, TM Wandre, PN Gaikwad, KM Garadkar, IS Mulla, Journal of Nanoengineering and Nanomanufacturing 5 (3), 204-209</p> <p>Sol-gel synthesized TiO<sub>2</sub>-CeO<sub>2</sub> nanocomposite: an efficient photocatalyst for degradation of methyl orange under sunlight TM Wandre, PN Gaikwad, AS Tapase, KM Garadkar, SA Vanalakar, Journal of Materials Science: Materials in Electronics 27, 825-833</p>	

<p><b><i>FDP/Workshop Attended</i></b></p>	<p><b><i>1 Participation in Faculty Development Programme (webinar) on “Future of Examinations: Bloom's Taxonomy and Multiple Assessment Tools” conducted by G. T. N. Arts College (Autonomous), Dindigul, Tamilnadu</i></b></p> <p><b><i>2 Participation in the National Level Live Faculty Development Programme (webinar) on “Future of Examinations: Bloom's Taxonomy and Multiple Assessment Tools” conducted by G. T. N. Arts College (Autonomous), Dindigul, Tamilnadu</i></b></p> <p><b><i>3 Participated in International Webinar on Functionalised materials: A chemists perspective- 2020 organised by department of Chemistry, College of Basic Science and humanities, Qeet, Bhubaneswar</i></b></p> <p><b><i>4 Participated in National level one week FDP on Latex and Xfig, organized by Department of MCA, Calcutta Institute of Technology, Howrah, West Bengal</i></b></p> <p><b><i>5 One week national level online lecture series on Teaching learning Process and Mental Status organized by SADHAN CHANDRA MAHAVIDYALAYA, SOUTH 24 PARGANAS</i></b></p> <p><b><i>6 Participated in A Seven-Day International Workshop on Reinforcement of Quality Education organized by Internal Quality Assurance Cell (IQAC) of Vellalar College for Women (Autonomous), Erode</i></b></p> <p><b><i>7 Participated in Online Teaching Learning Process organized by RCP Roorkee,</i></b></p>
<p><b><i>Awards</i></b></p>	<ul style="list-style-type: none"> <li>○ <b><i>Awarded AEA Asia's Excellence Young Researcher -2023 presented by MTTV India</i></b></li> <li>○ <b><i>Awarded 3rd prize for paper presented in Research Project Competition, AVISHKAR, 2015-16, District level competition under pure science category (Research scholar) held at Department of English, Shivaji University, Kolhapur</i></b></li> <li>● <b><i>Awarded 2nd prize for paper presented in International Conference on New Horizons in Synthetic and Materials Chemistry (ICSMC-2015), Department of Chemistry, University of Mumbai, India.</i></b></li> </ul>