

**Dr. A. ASHOKKUMAR, M.E.,PhD (IIT GUWAHATI), POST.DOC (UNIVERSITY MALAYA, KL, MALAYSIA)**  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF BIOTECHNOLOGY  
 DIRECTOR (i/c) VMCQLER  
 PERIYAR MANIYAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY)  
 THANJAVUR-613403  
 TAMILNADU, INDIA  
 Email: [heabio@pmu.edu](mailto:heabio@pmu.edu); [ashokkumar@pmu.edu](mailto:ashokkumar@pmu.edu)  
 Contact: +91-9789670874

	
<b>Full Name</b>	<b>Dr. ASHOKKUMAR ANNADURAI</b>
<b>Designation</b>	<b>Assistant Professor &amp; HOD (Biotechnology)</b> <b>Director i/c (Veeramani Mohana Centre for Quality Life Engineering Research)</b>
<b>Education qualification</b>	<b>B.E., M.E (Annamalai University; 1997 - 2003)</b> <b>PhD (IIT Guwahati; 2007 - 2010)</b> <b>Post.Doc (University Malaya, KL, Malaysia; 2013 - 2015)</b>
<b>Profile description &amp; experiences</b>	<b>Industrial Experience:</b> Quality Control Trainee at “ <i>Chennai Petroleum Corporation Limited</i> ” (CPCL; 2003 - 2004) <b>Teaching Experience :</b> 1. Lecturer at “ <i>EGS Pillay Engineering College</i> ” Nagapattinam (2004 -2006); 2. Associate Professor at “ <i>Adhiyamaan College of Engineering</i> ” Hosur (2010 – 2011); 3. Assistant Professor at “ <i>NIT Tiruchirapalli</i> ” (2011- 2013). <b>Research Experience:</b> Post.Doc at <i>University Malaya</i> , Malaysia (2013–2015). <b>Since 2015</b> : Assistant Professor in Biotechnology, PMIST
<b>Total Experience</b>	<b>Industrial Experience: 1.5 Years</b> <b>Teaching Experience : 11 Years</b> <b>Research Experience : 2 Years</b>
<b>Area of Specialization</b>	<ul style="list-style-type: none"> <li>➤ Dynamics of complex fluids in conduits and reactors</li> <li>➤ Rheological behaviour of submerged cultures, cell cultures in bioreactors and fermentation broths</li> <li>➤ Biopolymers</li> <li>➤ Mathematical Modelling and Simulation</li> </ul>
<b>Papers Published</b>	<ol style="list-style-type: none"> <li>1. Rengadurai S., Preetha B., <b>Ashok Kumar A.</b>, Manikandan K., Elavarasan P. External mass transfer model for degradation of simulated textile effluent in packed bed reactor, <i>RJC</i>, 14(1), 2021. (Accepted)</li> <li>2. Farjana Begum A., Harivardhinie R., Kalaiezhil P., Nithya R. and <b>Ashok Kumar A.*</b> (2019). Studies on Effective Production of Pullulan from corn cob by <i>Aureobasidium pullulans</i> and Rheological Behavior of Pullulan Fermentation Broth, <i>Res. J. Biotech</i>, 14(11), 2020.</li> <li>3. Farjana Begum A and <b>Ashok Kumar A.*</b> (2019). Comparative study on Extraction process for Pullulan Production from <i>Aureobasidium pullulans</i>, <i>Res. J. Chem. Environ</i>, 23(3), 77-82.</li> <li>4. Leong K.H*., Lee J.Q., <b>Ashok Kumar A.</b>, Sim L.C, and Saravanan Pichiah. (2019). Facile technique for the immobilisation of TiO2 nanoparticles on glass substrates for applications in the photocatalytic self-cleaning of indoor air pollutants, <i>MJAS</i>, 23(1), 90-99.</li> <li>5. Murugappan, N., Harivaishnav R.V, and <b>Ashok Kumar. A*</b>. (2017).</li> </ol>

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	<p>Route cause problem on biomedical waste treatments and segregation effectiveness report on incinerated wastes – A case study between hospitals and biomedical treatment unit in Thanjavur, Tamilnadu, India, <i>Int. J. Sci. Innov. Eng. Tech.</i> May 1(160), 1-6.</p> <p>6. <b>Ashok Kumar, A.</b>, Bhaskar J.M and Singh A. (2016). Experimental investigation of interface deformation in free surface flow of concentrated suspensions, <i>Phy. Fluids (AIP)</i>, 28, 113302.</p> <p>7. Bhaskar, J.M., <b>Ashok Kumar A</b> and Singh A. (2011). Apparent wall slip velocity measurement in free surface flow of concentrated suspension, <i>Int. J. Multiphase Flow</i>, 37, 609-619.</p> <p>8. <b>Ashok Kumar, A.</b>, and Singh A. (2010). Dynamics of bi-dispersed settling suspension of non-colloidal particles in rotating cylinder, <i>Adv. Powder Technol</i>, 21, 641-651.</p>
<b>Conferences</b>	Presented papers in <b>55 International and National conferences</b> until 2020 across India as well as in foreign countries.
<b>Awards &amp; Achievements</b>	<ol style="list-style-type: none"> <li>1. Granted MHRD scholarship stipend from 2007 to 2010.</li> <li>2. Granted fund for Post.Doc. Project from Malaysian Ministry of Science and Technology from 2013 to 2015 at University Malaya.</li> <li>3. Invited as Keynote Speaker for RACE 2016 A National Conference held at Annamalai University Chidambaram Tamilnadu.</li> <li>4. Invited as Guest of Honour and Keynote Speaker for HAPTEN 2018 An International Conference held at Arunai Engineering College Tiruvannamalai, Tamilnadu.</li> <li>5. Invited as expert lecturer for Industrial Thermodynamics, Advanced Chemical Reaction Engineering for Pharmecetical Technology on November 2018 from Anna University BIT Campus Tirichirapalli, Trichy.</li> <li>6. Invited as Chief Guest cum Keynote speaker and expert lecturer on June 2018 and August 2018 respectively for a symposium and seminar held at Kalasalingam Deemed university Krishnan Koil, Tamilnadu.</li> <li>7. Received Best Faculty award in 2019 from PMIST Annual performance.</li> <li>8. Received Best Faculty award in 2006 for 100% result produced in all subjects handled for Anna University Chennai result published on year 2006.</li> <li>9. Invited as Guest speaker and for key note lecture in National conference “Green Chemistry and Engineering – Towards Future Technology” GCETFT-2020 (31Jan - 01FEB, 2020) at Annamalai University, Chidambaram, Tamilnadu.</li> <li>10. Invited as Guest of Honour and Guest speaker in CHEMSPARX’20 A Two Day National Symposium (2-3 March 2020) held at Adhiyamann College of Engineering (Autonomous) Hosur, Tamilnadu.</li> <li>11. Invited to conduct workshop on CFD at CHEMSPARX’20 A Two Day National Symposium (2-3 March 2020) held at Adhiyamann College of Engineering (Autonomous) Hosur, Tamilnadu.</li> <li>12. SEED money received Rs.25000 from PMIST for initiate the project in Bioimage processing on 2019.</li> </ol>