



## Faculty Expert

SR.No	Name	Profile
1	 <p><b>MR. JAYCHAND UPADHYAY</b>            Researcher, GAIT LAB            Assistant Professor, IT Department,            Xavier Institute of Engineering  <a href="mailto:jaychand.u@xavier.ac.in">jaychand.u@xavier.ac.in</a>            +91 9029459173</p> <p><b>Academic Background</b></p> <ul style="list-style-type: none"> <li>• M. E (Computer Engineering) from University of Mumbai.</li> <li>• Currently pursuing PhD (Information Science) from Sophia University, JAPAN.</li> </ul>	<p><b>Work Experience</b></p> <ul style="list-style-type: none"> <li>• Working as an Assistant Professor in IT Department, Xavier Institute of Engineering since June 2006.</li> <li>• Published more than 30 papers in international journals and conferences.</li> </ul>
2	 <p><b>DR. ATUL BHASKAR</b>            Associate Professor, R &amp; D            St. Xavier's Gait Lab  <a href="mailto:atul2567@gmail.com">atul2567@gmail.com</a>            +919821622992/9892176485</p> <p><b>Academic Background</b>            FRCS Tr &amp; Ortho(ED), FRCS(Glas)            M.S.DNB(ortho).D.Ortho,            Mch(orth)UK</p> <p>Cerebral Palsy and Gait Analysis            (Gillett's Childern Hos, USA)</p>	<p><b>Work experience</b></p> <ul style="list-style-type: none"> <li>• Motion Analysis Laboratory</li> <li>• Gait analysis and planning for surgery forcerebral palsy</li> <li>• Xavier Institute Of Engineering</li> <li>• Treatment Of CDH, Clubfoot And OtherCongenital Anomalies</li> <li>• Limb Lengthening And Deformity Correction</li> <li>• Metabolic Bone Disease And Osteogenesis Imperfecta</li> <li>• Growth Modulation Surgery</li> <li>• Botulinum Toxin Injection For Cerebral Palsy And Multilevel Surgery</li> </ul>

<p>3</p>	 <p><b>DR. JACOB RAMMER PHD</b> Visiting Professor, R &amp; D Gait ResearchLab</p> <p><b>Academic Background</b></p> <ul style="list-style-type: none"> <li>• Ph.D., 2017, Marquette University</li> <li>• M.S., 2014, Marquette University</li> <li>• B.S., 2009, Marquette University</li> </ul>	<p><b>Work Experience</b></p> <ul style="list-style-type: none"> <li>• Research Interest</li> <li>• Motion Capture/Gait Analysis</li> <li>• Rehabilitation</li> <li>• Pediatric Orthopedics</li> <li>• Community Mobility</li> <li>• International Research and Innovation</li> <li>• Product Development/Entrepreneurship</li> </ul>
<p>4</p>	 <p><b>DR. GERALD F. HARRIS PHD, PE</b> Visiting Professor, R &amp; D Gait ResearchLab</p> <p><b>Academic Background</b></p> <ul style="list-style-type: none"> <li>• U.S. Naval Academy, Annapolis, MD Mechanical Engineering</li> <li>• Pepperdine University, Los Angeles CA MA Human Resources Mgt</li> <li>• Marquette University, Milwaukee, WI MS Biomedical Engineering</li> <li>• Marquette University, Milwaukee, WI PhD Biomedical Engineering</li> <li>• He has directed a number of research studies of gait and pediatric mobility and has developed various technologies for motion assessment including instrumented assistive devices and biplanar fluoroscopic imaging for foot and ankle motion analysis.</li> </ul>	<p><b>Work Experience</b></p> <ul style="list-style-type: none"> <li>• Director, Orthopedic and Rehabilitation Engineering Center (OREC), Marquette University and Medical College of Wisconsin</li> <li>• Adjunct Professor and Director of Research, Department of Orthopedic Surgery, Medical College of Wisconsin</li> <li>• Present Professor Emeritus of Biomedical Engineering, Marquette University Professor of Biomedical Engineering, Marquette University</li> </ul>

<p>5</p>	 <p><b>DR. MAYURI GAD</b> Assistant Professor, R &amp; D St. Xavier's Gait Lab</p> <p><a href="mailto:gaitlab@xavier.ac.in">gaitlab@xavier.ac.in</a>, <a href="mailto:mayurigad123@gmail.com">mayurigad123@gmail.com</a> +91 9902586910</p> <p><b>Academic Background</b> Bachelor Of Physiotherapy, Manipal University , Manipal MSc. Exercise and Sport Science, Manipal University, Manipal</p>	<p><b>Work Experience</b></p> <ul style="list-style-type: none"> <li>• Biomechanist, St. Xaviers Gait Lab Mahim, Mumbai , India</li> <li>• Performing 3D Gait analysis of CP children and other orthopedic conditions.</li> <li>• Asst. Biomechanist and CP Clinic Co-ordinator, Jupiter Hospital Thane</li> <li>• Performing 3D Gait analysis of CP children , QA Knee and other orthopedic conditions</li> <li>• Assistant Professor Nanded Physiotherapy College and Research Center</li> </ul>
<p>6</p>	 <p><b>Dr. Chasanal Rathod</b> Associate Professor, R &amp; D St. Xavier's Gait Lab</p> <p><a href="mailto:chasanal@gmail.com">chasanal@gmail.com</a> +91 8080806979</p> <p><b>Academic Background</b> MBBS, MS (orthopedic) Clinical fellowship in Paediatric Orthopaedics at Severance Hospital, Seoul, South Korea.</p>	<p><b>Work Experience</b></p> <p>Consultant Pediatric Orthopedic Surgeon (Visiting)</p> <ul style="list-style-type: none"> <li>• Narayana Healthcare SRCC Childrens Hospital, Mahalaxmi</li> <li>• Cloud nine Hospital, Malad</li> <li>• Mangal Anand Hospital (Centre for limb lengthening and Reconstruction) , Chembur</li> <li>• Bhaktivedant Hospital, Dahisar.</li> <li>• Currae Hospital, Thane</li> </ul>

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**Ms. JIGNA WAGHELA**  
Lab Technician  
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#### **Work Experience**

- Lab technician at Jupiter Gait Lab for 3 years
- To Collect the patient data and process data and generate report of gait.