



Staff Handbook

Name	<i>Darmawan Satyananda, S.T, M.T</i>		
Post	<i>Applied Mathematics, Computational Mathematics</i>		
Academic career	<i>Initial Academic Appointment</i>	<i>Universitas Negeri Malang</i>	<i>1999</i>
	<i>Habilitation (Post Doctorate)</i>	-	-
	<i>Doctorate</i>	-	-
	<i>Master degree</i>	<i>Institut Teknologi Bandung</i>	<i>2002</i>
	<i>Undergraduate degree</i>	<i>ITAT Surabaya</i>	<i>1997</i>
Employment	<i>Position: Assistant Professor (Lektor)</i>	<i>Universitas Negeri Malang</i>	<i>2003-now</i>
Research and development projects over the last 5 years	<p>1. PEMANFAATAN LAYANAN GOOGLE MAP UNTUK APLIKASI PENYELESAIAN PERMASALAHAN VRP Darmawan Satyananda PSNI-DRPM, 2018</p> <p>2. IMPLEMENTASI MODEL CREATIVE PROBLEM SOLVING (CPS) MELALUI E-LEARNING PADA PERKULIAHAN PENERAPAN TEORI GRAPH Sapti Wahyuningsih, Darmawan Satyananda, Lucky Tri Oktaviana, Rini Nurhakiki, PNBP FMIPA, 2018</p>		
Industry collaborations over the last 5 years	<p>1. WORKSHOP PENYUSUNAN PERANGKAT PEMBELAJARAN DENGAN PENDEKATAN RME DAN PEMBUATAN MEDIA PEMBELAJARAN MATEMATIKA Syaiful Hamzah Nasution, Mohamad Yasin, Susy Kuspambudi Andaini, Erry Hidayanto, Cholis Sa'dijah, Abd. Qohar, Darmawan Satyananda, Mahmuddin Yunus.</p> <p>2. PENINGKATAN KOMPETENSI GURU MATEMATIKA SMA DI KABUPATEN MOJOKERTO Syaiful Hamzah Nasution, Mohamad Yasin, Susy Kuspambudi, Cholis Sa'dijah, Gatot Muhsetyo, Darmawan Setananda, Abd. Qohar, Mahmudin Yunus. PNBP FMIPA, 2017</p>		
Patents and proprietary rights	-		
Important publications over the last 5 years	<p>1. An Integration of "Online Interactive Apps" for Learning Application of Graph Theory to Enhance Creative Problem Solving of Mathematics Students. Wahyuningsih, Darmawan Satyananda, Abdul Qohar, (2020).</p> <p>2. Perturbation operator analysis on ILS-RVND algorithm to solve CVRP. Ngisomuddin, & Darmawan Satyananda, D. (2020).</p> <p>3. Visual thinking profile of mathematics students in graph theory problem solving process. Wahyuningsih, Abdul Qohar, Darmawan Satyananda (2020)</p> <p>4. Improvement of CVRP and MTVRP Solution using Local Search Method and its Implementation Using Google Map. Wahyuningsih, & Darmawan Satyananda (2017)</p>		
Activities in specialist bodies over the last 5 years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>