




P.E.S. College of Engineering, Mandya - 571401

(An Autonomous Institution, affiliated to VTU, Belagavi)

Faculty Profile

General

Name	Dr B. S. Shivakumara	
Designation,	Professor	
Department & Affiliated Institution	Department of I & P Engineering, P.E.S College of Engineering, Mandya – 571 401	
Research Area	Electronics/ I&P Engineering area/Ergonomics	
Contact Number	+91 9448514205	
Email ID	shivakumarabs@gmail.com	

Academic Profile

Educational Qualifications

Degree	College	University	Year of Passing	% ge	Class
Ph.D	P.E.S Research foundation, Mandya	Mysore	2011	-	-
M.Tech	I.I.T Madras	I.I.T Madras	1987	7.66 CGPA	More than First Class
B.E	PESCE, Mandya	Mysore	1981	75.09	First Class with Distinction

Professional Experience

Organization and Department	Designation	Period	Total Experience
I&P Dept, PESCE, Mandya	Professor	01.02.15 to Till Date	5 Years 6 Months
I&P Dept, PESCE, Mandya	Associate Professor	01.04.06 to 31.01.15	9 Years (Approx.)
I & P Dept, PESCE, Mandya	Assistant Professor	21.01.04 to 31.03.06	2 Years (Approx.)
I&P Dept, PESCE, Mandya	Lecturer/Senior Lecturer & Selection grade Lecturer	18.10.82 to 20.01.04	21 Years (Approx)

Reports on Academic and Research Activities

Academic Activities

Teaching Records (Details of courses taught)	Work study and Ergonomics, Just in Time Manufacturing , Principles of Marketing, Economics for Engineers etc.,(Almost all I&P engineering Subjects)
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Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph. D.	M.Sc., Engg.	M.Phil
Awarded	Nil	1	-
Pursuing	1	Nil	-

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
-	-	--	-

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	02	07
Conferences/Symposia	03	05

Other Important Responsibilities Held in the College

1. Head of the department (2018 -2019)	5. BoE Member & Chairman
2. Dean (Industry Institute Interaction)	6. BoS member
3. Member, College Academic Council	7. Chairman, ISTE PESCE Chapter
4. Deputy Dean (Academic) – 2 Years	8. Programme officer, Youth Red Cross Wing

LIST OF PUBLICATIONS

TECHNICAL PAPERS PUBLISHED IN JOURNALS			
Sl. No	Title of the Paper	Name of the Journal Published	Year of Publication
1	Working posture and its effect on bioelectric phenomena - an overview.	Industrial Engineering Journal	2006, Special issue pp80-91
2	Effect of vibration on heart rate of motorcycle rider.	International Journal of Engineering Research and Industrial Applications	2010 3(1), pp285-298
3	Effect of posture on heart rate of the motorcycle rider,	International Journal of Multidisciplinary Research and Advances in Engineering	2010 2(11), pp217-228
4	Effects of hand-arm and whole-body vibrations on heart of motorcycle rider.	International Journal of Vehicle Structures and Systems	2010 2(2), pp74-79
5	Study of vibration and its effect on health of the motorcycle rider.	Online Journal of Health and Allied Sciences	2010, 9(2)9
6.	Improving Just – In – Time Manufacturing in Voltage Regulator Assembly Line using RFID System	International Journal of Engineering and Technology (UAE).	7 (3.29) 2018, pp. 744-747
7.	Applications of Discrete event Simulation towards Production Improvement	International Journal of Innovative Technology and Exploring Engineering, Blue Eye Intelligence publication,	ISSN: 2278-3075, Vol 8, Issue-6S3, April 2019, pp. 656-659
8.	Analysis of Ergonomics for Making Precision work in Indian Manufacturing Industry that Consider for Productivity”	Journal of Test Engineering and Management,	Vol.83, March 2020, pp. 5204-5211.
9.	Impact of Buffer Distribution in Precision Manufacturing Processes through Simulation Methods”	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Vol. 10, Issue 2, Apr 2020, pp.659-668

TECHNICAL PAPERS PRESENTED AT CONFERENCES

	Title of the Paper	Name of the Conference in which Presented	Date of Presentation
1	Technology and human resource interface through RPPSC concept	34 th annual national convention of ISTE New Delhi	2004, 18-20 December
2	Technical Education for sustainable development in rural India	8 ^M state level convention of ISTE Karnataka, Sullia, D.K	2005, 18-19 November
3	Effect of posture and vibration on heart rate, India.	4 th Annual Conference of Cardiological Society of India (Karnataka Chapter), Mysore,	2006, September 1-3
4	Effect of posture on physiological factors of the motorcycle rider.	International Conference on Ergonomics, Kaula Lumpur, Malaysia,	2007, December 3-5,
5.	Reducing rejection rate of key way symmetric in crankshaft manufacturing process using Ishikawa diagram and POKA YOKE technique	International conference on Advances in Mechanical sciences held at MCE, Hassan	3-5 March 2017
6.	Improving Just – In – Time Manufacturing in Voltage Regulator Assembly Line using RFID System	International Conference on Research Advancement in Applied Engineering sciences, Computer and Communication Technologies (ICRAAESCCT – 2018), held at B.V Raju Institute of Technology, Narsapur, Telangana	12th& 13th July 2018
7.	Applications of Discrete event Simulation towards Production Improvement	15th World Conference on Applied Science, Engineering and Technology” held at Goa.	30 th & 31st december 2018
8.	Analysis of Ergonomics for Making Precision work in Indian Manufacturing Industry that Consider for Productivity	International Conference on Applied Mechanical Engineering Science – ICAMES 2K20” held at PES college of Engineering, Mandya.	28th & 29th February 2020