

VISHWAKARMA UNIVERSITY

FACULTY PROFILE

Sr.No.	Details
1	Introduction: Accomplished and student-focused Information Technology Professor with 26 years teaching in diverse class room environments. Creates challenging and engaging learning experience through appropriate use of educational technology tools and applications. Inspires students to pursue academic and personal excellence for becoming life-long learners. Profound experience in the areas of curriculum development, evaluation methodologies, academic audit, quality educational strategies and human-centered design. Having strong leadership and management skills.
2	Name: Prof. (Dr.) Yogesh D. Deshpande Date of Birth: 28/10/1965 Gender: Male Qualification: Ph.D. (Human Computer Interaction Design) from IIT Guwahati
3	Teaching Philosophy: I consider that a successful technocrat builds engineering solutions which combine technological wisdom and innovative thinking. I will give opportunity to the learner to choose and learn the most relevant curriculum and to relate the contemporary research to the industry needs. I believe in active learning and use a variety of methods to encourage discussion and interaction in my class. I want my students to have thorough understanding of fundamentals to ground their ideas in practice. Human-centered design solutions to problems is the focus of my teaching.
4	Core Teaching Areas Human Computer Interaction Usability Engineering Software User-Interface Design Educational Technology Computer Organization Virtual & Augmented Reality Data Mining & Modeling Applied Statistical Analysis R Programming
5	Experience: Industry Experience: 3 years Teaching Experience: 23 years Total Experience : 26 Years

6	Doctoral Research Scholars : 7 (Pursuing)
7	<p>Areas of Interests (Research)</p> <ul style="list-style-type: none"> • Human Computer Interaction • Usability Engineering • Interactive Learning Environments • Augmented & Virtual Reality • Educational Technology • Industry 4.0 <p>Publications:</p> <ol style="list-style-type: none"> 1. Deshpande, Y., Bhattacharya, S., & Yammiyavar, P. (2012, December). A behavioral approach to modeling Indian children's ability of adopting to e-learning environment. In Intelligent Human Computer Interaction (IHCI), 2012 4th International Conference on (pp. 1-7). IEEE. 2. Yammiyavar, P., & Deshpande, Y. (2012, January). Usability evaluation of a virtual lab by adapting structured & unstructured techniques. In Technology Enhanced Education (ICTEE), 2012 IEEE International Conference on (pp. 1-10). IEEE. 3. Deshpande, Y., Bhattacharya, S., & Yammiyavar, P. (2013, September). A study of the impact of task complexity and interface design on e-learning task adaptations. In Proceedings of the 11th Asia Pacific Conference on Computer Human Interaction (pp. 19-27). ACM. 4. Deshpande, Y., Yammiyavar, P., & Bhattacharya, S. (2013). 'Adaptation' in Children– A GUI Interaction Based Task-Performance Study. In Human Work Interaction Design. Work Analysis and HCI (pp. 22-34). Springer Berlin Heidelberg.
8	<p>Funded Research Projects:</p> <p>Title of Research : Augmented Reality Based Circuit Simulator Duration : 2016-2018 (24 Months) Funding Agency : BCUD - SPPU Amount sanctioned : Rs. 69,000/-</p>
9	Training & Consultancy:
10	<p>Industry Connect:</p> <ul style="list-style-type: none"> • Collaboration with C4i4 Labs for Industry 4.0 awareness and training
11	<p>Awards & Achievements:</p> <ul style="list-style-type: none"> • National Merit Scholar Award in 1982 • Rational Practitioner Award in OOAD/UML in 2000 • BSI Certified Lead Auditor for ISO in 2007 • Department Best Teacher Award for year 2008-09
12	<p>Professional Memberships :</p> <ul style="list-style-type: none"> • Life Member- Indian Society for Technical Education (ISTE) • Life Member Computer Society of India (CSI) <p>Contributions:</p> <ul style="list-style-type: none"> • State Student Coordinator for CSI Region VI • Organized many lectures by industry experts through CSI forum

	<ul style="list-style-type: none"> • Involved in organizing teachers training programs in IT industry through CSI • Won the best student chapter award in Pune • Organized “National Conference and Project Competition” under CSI banner
13	<p>Academic Administration:</p> <ul style="list-style-type: none"> • Served as Dean Administration • ISO processes coordinator • Head of the department (Information Technology) • Industry Internship Program Coordinator • Program Coordinator (IT Program) • Member, Academic Council of VIIT • Member Board of Studies (IT and Computer) of VIIT • Subject Chairman of Human Computer Interaction course at SPPU • Member, Board of Studies (User Experience Design Program) at MITID • Director, Center for E-Learning & Industry 4.0
14	<p>Learning and Development Initiatives:</p> <ul style="list-style-type: none"> • Supervised Undergraduate Projects : 35+ • Development of Quality Management Systems for continual educational improvement. • Organized invited talk of Dr. Paul Clement from SEI-CM USA. • Industry collaborations with Object Technologies, System Consultants and AgileSoft for value added technology inputs to students. • Served as Single Point Of Contact for the Infosys Campus Connect Program • Organized inter collegiate interface design contest “Kalakriti”. • Organized seminar on “Pragmatic Approach to HCI Education” • Organized national level STTP on “Software Development Best Practices” . • Technical committee – “National Conference on Advances in Usability Engineering”. • Initiated the SEED RSA program for the project/software engineering lab. • Program Coordinator for IT program. • Mentor- Special Interest Group for “User Centered Design” research. • Mentor – Innovations and Best Practices for NAAC Accreditation <p>Invited Talks</p> <ul style="list-style-type: none"> • "Human Computer Interaction Study" @ VIIT,Pune - Computer Department • "8051 - Timers and Counter" @ MMCOE, Pune - IT Department • "Cache Memory Organization" @ MMCOE, Pune - Computer Department • “Human Computer Interaction Study” @ AIT, Pune – IT Department • “Human Computer Interaction Study” @ SCOE, Pune – IT Department <p>Paper Reviewer Assignments</p> <ul style="list-style-type: none"> • NCPCI 2015 • CASP 2016

15	Sabbaticals with industry:
16	Global Exposure: Worked on Virtual Energy Audit project in collaboration with NTU, Singapore
17	Testimonials: