

Authors Biography

Balasubramani R, Professor in ISE & Chief Project Leader-EDC, NMAMIT



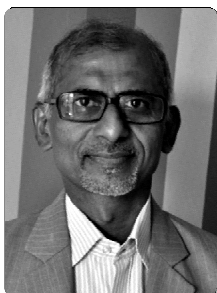
Dr. Balasubramani obtained his BE in Electronics and Communication from Madurai Kamaraj University in 1990 and M.Tech in Information Technology from AAI-Deemed University, Allahabad in 2005. He obtained his Ph.D., in Information Technology from Vinayaka Missions University,

Salem in 2011 for his research in the area of Digital Image Processing.

Dr. Balasubramani is having 26 years of professional experience (12 years in industry & 14 years in teaching). Presently he is working as the Professor in the Dept. of ISE and Chief Project Leader (Entrepreneurship Development Cell) at NMAMIT, Nitte. He is also the Nodal Center Coordinator for NBA and Single Point of Contact (SPoC) for Infosys Campus Connect Programme. He is also NBA Evaluator and Resource Person. He is a Life Member in IAENG (International Association of Engineers) and ISTE. Also, he is the Chief Coordinator for ACM Student Chapter at NMAMIT, Nitte. He is also heading the Software Development and Innovation Centre at NMAMIT, Nitte.

Dr. Balasubramani has published twenty six research papers in international and national journals and conferences. He is the Editorial Board Member of IJSE published by IROCS and is a peer reviewer of various reputed International Journals. He has guided many UG & PG projects. Presently he is guiding eight candidates for Ph.D., under VTU. He has organized and attended many seminars, workshops and faculty development programmes.

Pradeep Waychal is a founder trustee and the chair of Guruji Education Foundation that provides holistic



support to the education of underprivileged students. The foundation also works in engineering education research, youth employability, and teaching computer science to adolescents. He is working as the chief educational adviser at Shivaji Group of Institutions Barshi (Solpaur) and as a

consultant to a few engineering colleges. Earlier, Dr Waychal has worked at Patni Computer Systems for 20 years in various positions including the head of innovations, NMIMS as the director Shirpur campus and at College of Engineering Pune (COEP) as the founder head of the innovation Center.

Dr Waychal earned his Ph D in the area of developing Innovation Competencies in Information System Organizations from IIT Bombay and M Tech in Control Engineering from IIT Delhi. He has presented keynote / invited talks in many high profile international conferences and has published papers in peer-reviewed journals. He / his teams have won awards in Engineering Education, Innovation, Six Sigma, and Knowledge Management at international events. His current research interests are engineering education, software engineering, and developing social and commercial innovative entrepreneurs and intrapreneurs.

Rajanikanth Aluvalu is working as Associate



Professor in the Department of computer science & Engineering, Vardhaman College of Engineering, Hyderabad. Pursuing PhD in computer science & Engineering with cloud computing as major from GITAM University. Earlier worked with RK University, Rajkot as Associate Professor in Department of Computer

Engineering. His current research interests are in cloud computing security, Teaching & Learning and educational Technology. He actively practices various latest teaching and learning strategies and using educational technology in his class room Teaching. He had published papers earlier on teaching and learning.

S.Thiruchadai Pandeewari is an Asst.Professor in



Department of Information Technology, Thiagarajar College of Engineering, Madurai. She holds a Master degree in Multimedia Technology. She started her career with Accenture as Software Engineer and later joined her current institution pursuing her passion for teaching

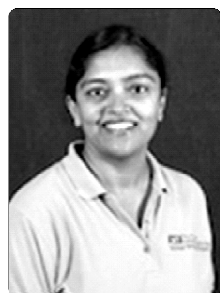
and research. She actively involves herself in various initiatives to improve Teaching Learning process and practices active learning methods in her classes. Her research interests include Software Defined Networks and Education Technology.

S.Pudumalar is working as an Assistant Professor in the Department of Information Technology at Thiagarajar College of Engineering, Madurai. She received her UG and PG degrees with the specialization of Computer Science and Engineering. She has a passion for teaching as well as Research. She is an active member of pedagogical activities including Curriculum Design and



Teaching Learning Process. Her recent publication on Engineering Education includes Effectiveness of Mobile Learning at TCE, India: A Learner Perspective in IEEE International Conference T4E2015. Her current research interests include Predictive analysis and building recommendation systems.

Srividya Bansal is an Assistant Professor in Ira A. Fulton Schools of Engineering at Arizona State University. Her primary research focuses on semantics-based approaches for Big Data Integration, Web service description, discovery & composition, and tools for outcome-based instruction design in STEM education. She is also interested in Software Engineering Education research



that focuses on experimenting various delivery models in project-centric courses. She received a PhD in Computer Science from the University of Texas at Dallas. She is a member of the IEEE Computer Society. Contact her at srividya.bansal@asu.edu.

Ajay Bansal Ajay Bansal is a Senior Lecturer in Ira A. Fulton Schools of Engineering at Arizona State University. His primary research focuses on semantics and implementation of declarative programming languages, specifically in the areas of Logic Programming and Answer Set Programming. He is also interested in Data Mining,



specifically Opinion Mining and Classification algorithms. He has also been working in the area of Web service description, discovery & composition and was involved in the design and development of a Web service description language called USDL (Universal Service-Semantics Description Language). He received a PhD in Computer Science from the University of Texas at Dallas. Contact him at ajay.bansal@asu.edu.

Paramjit tuls Dr(Ms) PK Tuls is presently working as Professor in National Institute of Technical Teachers' Training & Research, Chandigarh. She has 30 years of teaching and research experience. Her main responsibilities include: education and training of technical teachers, developing instructional material, and undertaking research in technical education. She has published 44 papers in various Journals and presented papers in National and International conferences.



M.P. Poonia is Director of National Institute of Technical Teachers' Training & Research, Chandigarh. He has 30 years of experience. He is recipient of a number of awards including Bharat Mata award conferred by Indian Institute of Oriental Heritage in 2014 and second Rajbhasha award conferred by MHRD Govt. of India in 2015. He is a member of



Board of Governors of educational institutions, various committees constituted by AICTE and UGC. He is an advisor of the Sustainable Business Network of ESCAP Business Advisory Council. He has published 80 papers in National and International journals and published books in the field of Mechanical Engineering.

Anupriya is a student of M.Tech Computer Science and Engineering at NITTTR, Chandigarh.



C S Garde Garde obtained BSc, MSc and PhD degrees in Physics from Garware College, Pune, Indian Institute of Technology (IIT Bombay), Mumbai and Tata Institute of Fundamental Research (TIFR)/University of Bombay in 1984, 1986 and 1992, respectively. He received INSA Young Scientist award in 1993. He was a scientist at TIFR till 2001 and is teaching at

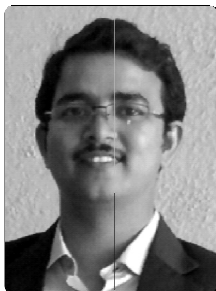
Vishwakarma Institutes since then. At present he is Professor (Physics) at Vishwakarma Institute of Information Technology (VIIT), Pune. He is the initiator and coordinator of VIIT-TIFR collaboration.



P.C.Nissimagoudar is a faculty of Department of Instrumentation Technology, BVB College of Engineering and Technology Hubli. She received BE (IT) from Karnataka University Dharwad, M.E. from Dept. of Instrumentation and Control, College of Engineering, Pune. Presently she is pursuing PhD in Biomedical Signal Processing from VTU. Her areas of interest are Embedded systems, Automotive Electronics and VLSI design.



Venkatesh R Mane is a faculty of Department of Instrumentation Technology BVB College of Engineering and Technology Hubli, Received BE(IT) degree from VTU Belgaum, Areas of interest are Automotive Electronics and Embedded systems.



Nalini C. Iyer is a professor and head of the department of Instrumentation Technology at B. V. Bhoomaraddi College of Engineering and Technology, Hubli (BVB). She received BE degree from Karnataka University, Dharwad, MTech from the department of E&C, NIIT, Surathkal and PhD from VTU Belgaum. Her areas of research are Secured



communication, VLSI and signal processing. She was a program committee chairman for the 'National Symposium on Instrumentation' (NSI-2013) with IISc, Bangalore.

Ramakrishna S. faculty of Electronics and Communication BVB College of Engineering and Technology Hubli, Received BE(E&CE) degree from VTU Belgaum, MTech in Communication Systems RVCE Bangalore VTU Belgaum. Presently pursuing PhD in Wireless communication and Signal Processing. Areas of interest are Digital communication, Microwave and Antenna.



Kiran M R faculty of Electronics and Communication BVB College of Engineering and Technology Hubli, Received BE(E&CE) degree from VTU Belgaum, MTech in Digital Electronics from BVBCET Hubli, VTU Belgaum. Areas of interest are Wireless networks and Mobile communication, Microwave and Antenna.



Uma Mudenagudi is a Dean, Research and Development Cell, professor and head of the department of Electronics and Communication Engineering at B. V. Bhoomaraddi College of Engineering and Technology, Hubli (BVB). She received BE degree from Karnataka University Dharwad, MTech from the department of EE, IIT Bombay and PhD from the department of CSE, IIT Delhi. Her areas of research are Computer Vision, Graphics, Image and Video Analysis.

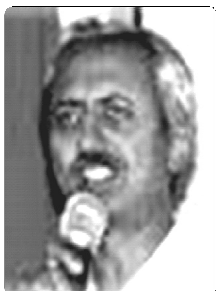


AB Raju is a professor and head of the department of Electrical and Electronics Engineering at B. V. Bhoomaraddi College of Engineering and Technology, Hubli (BVB). He received the B.E. degree in Electrical Engineering from Karnataka University, Dharwad, M.Tech



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B.L.Desai is Vice-Principal of B. V. Bhoomaraddi College of Engineering and Technology, Hubli. He received BE degree from Karnataka University, Dharwad, MTech from the department of E&C, NIIT, Surathkal. His areas of interest are Embedded Systems, Operating systems and Parallel computing Systems.



Shamshuddin K is a faculty of Department of Instrumentation Technology, BVB College of Engineering and Technology Hubli. He received BE(E&CE) degree from VTU Belgaum, MTech in Computer Networks Engineering, The National Institute of Engineering, Mysore. His areas of interest are Network security, WSN, Embedded systems.



Gireesha H M is a faculty of Department of Instrumentation Technology, BVB College of Engineering and Technology Hubballi. He received BE in Instrumentation Technology and M Tech in Biomedical signal processing and Instrumentation from the department of IT, SJCE Mysore. His areas of interest are Digital signal processing, Digital image processing, Computer vision and automotive electronics.



Pragati Sawant holds Master's degree in Information Security from NIT, Warangal. She is working as Assistant Professor at K. E. Society's Rajarambapu Institute of Technology, Sangli. She has teaching experience of 9 years. She is a life member of Indian Society for Technical (ISTE) and member of Institution



of Engineering and Technology (IET) and Computer Society of India (CSI). She is currently acts as a student branch coordinator of CSI student branch. As a part of this she has organised various National level events and workshops for the students.

S. A. Soundattikar is working as Assistant Professor in Mechanical Department at DKTE's, Textile and Engineering Institute Ichalkaranji, M.S. Dist.Kolhapur India. He is having 11 years of teaching experience. He has completed his post graduation in Production field. His areas of interest are Industrial automation, Mechatronics, Total Quality Management and Metrology and quality control. He is also associated with soft skill training for engineering students and concerned with team work and group discussion activities mainly. His paper entitled "Analysis of impact of advertisement on child psychology and habit formings" was selected for presentation at Global Marketing Conference at Tokyo, Japan in 2010.

V . R. Naik He is working as Professor and HOD at Mechanical Department at DKTE's, Textile and Engineering Institute Ichalkaranji, M.S. Dist.Kolhapur India. He is having 20 years of teaching experience and 6 years of industrial experience. His areas of interest are industrial automation, mechatronics, plc programming and image processing. His paper entitled "Analysis of impact of advertisement on child psychology and habit formings" was selected for presentation at Global Marketing Conference at Tokyo, Japan in 2010.

PK Tulsi, Professor & Head of Education & Educational Management and Dean, R&D has been working in NITTTR, Chandigarh since 1986. She is intensively involved in training technical teachers in the area of Educational Technology and Educational Management and undertaking research in the area of technical education. She has coordinated



about 500 programmes for technical teachers and has acted as resource person in training programmes organized by Academic Staff College, Panjab University, ISTE, Universities, Engineering Colleges and Polytechnics as well other degree colleges. She has to her credit 40 research publications and 28 research projects.

Vedhathiri Thanikachalam earned B.E (Civil Engg, 1968, Madras Univ.), M.Tech (Foundation Engg., 1970, IIT-Madras), Ph.D. (Civil Engg. 1975, Madras Univ.), M.S (IST, 1988, Indiana Univ. USA), FIGS., FIE.; Former Fulbright Scholar-USA, Program Executive- Continuing Education, Nodal Officer for World Bank assisted projects in technician education; Technical Education Quality Improvement. (TEQIP) . He was the former professor and HOD Center for International Affairs at NITTTR Chennai. He is the founder professor of M.Tech (HRD), and Advanced Certificates in Curriculum Design and Instructional Materials Development, HRD, Environmental Protection and Management, and Technical Education

Development. He is the founder Project executive for overseas faculty and executive development programs under ADB, UNDP, UNESCO, USAID and World Bank. 15 scholars earned their Ph.D. in Engineering Education under his guidance. He published around 200 papers, 8 textbooks, and 12 video programs. He is the former elected member of Academic Council of the University of Madras and the member of Board of Governors of NITTTR Chennai. He is an editor for five international journals and executive consultant in engineering education and HRD.