

Following Committee is constituted for Institution's Innovation Council.

President	Dr. A. G. Keskar , Electronics Dept
Convenor	Dr. S. S. Bhat, Electrical Dept
Innovation Activity Coordinator	Dr. Sachin Mandavgane, Chemical Dept
Start-up Activity Coordinator	Dr. M. P. Kurhekar, Computer Science Dept
Internship Coordinator	Dr. Rahul Ralegaonkar, Civil Dept
IPR Coordinator	Dr. R. B .Keskar, Computer Science Dept
Social Media Coordinator	Dr. K. L. Wasewar, Chemical Dept
ARIIR Coordinator	Dr. S. S. Chiddarwar, Mechanical Dept
NIRF Coordinator	Dr. S. S. Chiddarwar, Mechanical Dept
Members	Dr. R. B.Deshmukh, VLSI Dept
	Dr. Ritesh Kumar Keshri, Electrical Dept
	Dr. Bhooshan Rajpathak, Electrical Dept
	Dr. T. V. K. Gupta, Mechanical Dept
	Dr. Mangesh Madurwar, Civil Dept
	Dr. Akshay Patil, Arch Dept
	Dr. R.S.Gedam, Physics Dept

Manish Kurhekar

Start-up Activity Coordinator



Associate Professor, Department of Computer Science & Engineering, Visvesvaraya National Institute of Technology (VNIT), South Ambazari Road, Nagpur – 440010, India.

(Email:manishkurhekar@cse.vnit.ac.in, Phone:+91-712-280-1597, Fax:+91-712- 2223969)

- Work Experience:
 - Visvesvaraya National Institute of Technology, Nagpur, July 2010 – Present
(Designation: Associate Professor, Dept. of Comp. Sci. & Engg.)
 - Persistent Systems Limited, Nagpur, Dec 2003 – July 2010
(Designation: Senior Technical Lead/ Project Manager)
 - IBM India Research Lab, New Delhi, Jun 2000 – Nov 2003
(Designation: Research Staff Member)
 - Texas Instruments, Bangalore, Mar 1999 – May 2000
(Designation: Software Engineer)
- 11 years of software product development with industrial research experience and 9 years of teaching experience with eight journal publications, thirteen conference publications, three patents, and two IBM research reports. Have technically lead/managed small and medium industry projects.
- Research interests: Theoretical Computer Science, Systems Biology, BioInformatics, and Machine Learning

Education

- Ph. D., Department of Computer Science and Engineering, VNIT, Nagpur, 2015.
- M. Tech. (Computer Science), IIT Bombay, Mumbai, 1999.
- B. E. (Computer Science), VRCE (now VNIT), Nagpur, 1997.

Courses Teaching

1. M.Tech. – Topics in BioInformatics, Software Lab
2. B.Tech. – C Programming, Language Processors, Theory of Computation

Dr. Sachin A. Mandavgane
Associate Professor
Innovation Activity Coordinator

Research Interest

- Solid Waste Utilization
- Nano Catalyst
- Adsorption
- Green Chemistry
- Ancient Sciences
- Green building materials
- Engineering Education and Social Media
- Alternate Construction materials

Education

- B.Tech (Laxminarayan Inst. of Tech., Nagpur, India)
- M.Tech (Laxminarayan Inst. of Tech., Nagpur, India)
- Ph.D. (Laxminarayan Inst. of Tech., Nagpur, India)

Contact Details

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Maharashtra-440010, India

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Dr. Rahul V. Ralegaonkar

(Ph.D.(Energy Efficient Buildings), M.E.(Civil), B.E.(Civil), PE, AM-ASCE, M-IALCCE, MIE, LM-IWWA, LM-ACCE, LM-ICI)

Professor, Department of Civil Engineering, VNIT, Nagpur-10, Maharashtra,
India



Resume Summary

Dr. Rahul V. Ralegaonkar has completed B.E. (Civil-1998), M.E. (Civil-2000) & Ph.D. (Energy Efficient Buildings-2005). He worked for a year in industry at managerial post in GIS industry and Civil Construction industry. Rest 17 years he has been associated with academics including research, testing, consultancy of civil engineering materials, projects etc. He was awarded one of the most prestigious Indo-US BHAVAN Fellowship by DST, New Delhi to work at University of Texas, US during 2016. He has been awarded Visiting Professor post at Liverpool John Moores University, UK for the track February 2019-January 2022. He has 3 international and 3 national awards to his credit for novel product design which are used as energy efficient construction materials. He was also awarded doctoral fellowship by National Renewable Energy Fellowship by Ministry of Non-Conventional Energy Sources, New Delhi. He holds international diploma certification to serve as sustainability practitioner for CSR activities and rendered his services to Fondazione Cariplo, Italy for bio-economy related research projects.

He is presently working as Professor in Department of Civil Engineering, at Visvesvaraya National Institute of Technology, Nagpur, India with keen interest in broad areas of *Sustainable Construction Engineering*. He has completed several R & D sponsored projects of National and International repute. Currently one R & D sponsored project funded by Ministry of Mines, GoI and one at International Level funded by British Council is ongoing. Six Indian patents were filled for several sustainable construction materials. Two software tools were designed and received copyright for design of carbon minus building designs & implementation of sustainable technologies in large scale construction projects. Till date over 140 publications were brought out at international and national level. He contributed couple of chapters in international handbooks published by Elsevier and IGI global publishers.

Presently 8 doctoral candidates, over 40 master's candidates and 10 graduating student groups have completed their projects under his supervision. As the interactions with other professionals are concerned, the lecture notes were published and presented in more than 15 training programs. More than 100 lectures were delivered as invited speaker on several management and engineering topics like energy management, energy economics, application of sustainable technologies in construction industry and disaster management, etc. at various national and international level interactive platforms. As an organising committee member including principal coordinator and secretary for workshops, training program and national conference more than 60 events were participated. He is also actively involved with technical forums as an editorial board member and the reviewer for several journals and conferences at national and international level. He was also associated with National Mission projects like Principal Nodal Officer for E-hub of

Ministry of Skill development program, Nodal coordinator for Housing for all program of Ministry of Housing & Urban Poverty Alleviation, New Delhi and Member for Environmental clearance cell constituted by Local Improvement trust.

Dr. R.B. Keskar

Associate Professor
Visvesvaraya National Institute of Technology
IPR Coordinator



Areas of interest:

- Real Time and Distributed Systems
- Machine Learning
- Cloud Computing
- Compiler Optimizations

Dr. Kailas L. Wasewar
Associate Professor
Social Media Coordinator

Research Interest

- Separation Processes
- Reaction Engineering
- Process Intensification

Experience

- Associate Professor, VNIT Nagpur, India (December 2008 – present)
- Assistant Professor, IIT Roorkee, India (May 2006 – December 2008)
- Lecturer, BITS Pilani, India (June 2004 – May 2006)

Education

- B.Tech (Laxminarayan Inst. of Tech., Nagpur, India, 1995)
- M.Tech (Institute of Chemical Tech., India, 2000)
- Ph.D. (Institute of Chemical Tech., India, 2004)

Contact Details

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Maharashtra-440010 India

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k_wasewar@rediffmail.com

Phone: 0712-280-1561

Dr. Shital S. Chiddarwar
Professor, Mechanical Dept
ARIIR Coordinator
NIRF Coordinator



Dr. Shital S. Chiddarwar is specialized in Robot Motion Planning, Machine Vision, Artificial Intelligence, Adaptive Control. She has done B.E. (Mechanical Engineering) from VRCE (now VNIT) Nagpur and M.Tech. (Production Engineering) from Nagpur University. She has done Ph.D. in Robot Motion Planning from IIT Madras. She has 10 years of teaching experience. She has taught Manufacturing process automation, Industrial robotics, Robotics and Machine Vision, Machine Vision and its Applications, Artificial Intelligence to undergraduate as well as post graduate students. She has published 14 papers in SCI journals and 5 in reputed journals, 47 international conferences and 2 books to her credential. She is the member of Association for Machines and Mechanisms, IEEE, Robotics Society of India, IIIE and ISTE. She has completed DST Fast Track Project and COE Humanoid project. She has filed seven patents with her students. She has guided 5 Ph.D. students and currently 3 are pursuing PhD in her guidance

Dr. Raghvendra. B. Deshmukh

**Professor VLSI
Member**



Areas of interest:

- Digital Design
- CMOS Design
- Reconfigurable FPGA Design

Dr. Keshri Ritesh Kumar
Assistant Professor, Sr. Member IEEE
Visvesvaraya National Institute of Technology
Member



Research area: Power electronics and drives for Electric Vehicle Propulsion and Electric Vehicle Charging

Most important awards:

1. Visvesvaraya Young Faculty Research Award, MIETY, India
2. 2016 Best Paper Award of IEEE Transaction on Industrial Electronics
3. Erasmus Mundus Doctoral Research Fellowship, European Union
4. Young Resercher Award, MIUR,

Dr. Bhooshan Rajpathak
Assistant Professor
Visvesvaraya National Institute of Technology
Member



Current Courses:

- UG
- PG
- Phd
-

Areas of interest: Bifurcations, Chaos, Piecewise-smooth Dynamical Systems, Nonlinear Control Theory

T.V.K. Gupta
Assistant Professor
Mechanical Engineering Department
Visvesvaraya National Institute of Technology
Member



Name: Dr. Mangesh Madurwar

Designation: Assistant Professor

Qualification: B.E.(Civil Engineering),

M.E. (Infrastructure

Systems), Ph.D.(Sustainable Construction Materials)

Areas of interest: New Construction Materials & Technology, Construction Management, Project Management, Project Management Software, Construction Site Administration and Control, and Quantity Surveying.

Contact No. : 0712-2801806

Dr. A. P. Patil
Designation: Associate Professor
Member



Qualification: B.Arch., PG Dip. In Urban Design, Ph.D

Areas of interest: Urban Design, Urban Complexity, Complexity Science, Emergence, Agent-Based-Modelling, Public Realm, Informal Sector, and Human Settlements.

E-mail id: appatil@arc.vnit.ac.in

Current Courses:

UG

[History of Human Settlements, Urban Design, Design Studio](#)

PG

History of Human Settlements, Planning for Informal Sector.

Phd

Module on “Complexity Science – Paradigm Shift” for the course – Research Methodology.

Areas of interest:

Urban Design, Complexity Science, Agent-Based Modelling, Emergent Properties, Informal Sector, Public Realm, Complex Adaptive Systems.

Dr. Rupesh S. Gedam
Bio-Data
Member



1. Name : Dr. Rupesh S. Gedam
2. Academic Qualification : M.Sc (Physics), Ph.D.
3. Designation : Professor and Head
4. Address : Department of Physics,
Visvesvaraya National Institute of
Technology, Nagpur-440011
5. Email : rupesh_gedam@rediffmail.com
rupeshgedam411@gmail.com
rsgedam@phy.vnit.ac.in
6. Nationality : Indian
7. Experience : 22 Yrs (Teaching)
8. Research and Development :
 - a) Area of Research : Quantum dots containing Glasses, Photoluminescence
9. Guiding Experience
 - Ph.D. - 6 (4 Awarded & 2 Ongoing)
 - M.Sc (Phy) Project - 10 (8 Completed & 2 ongoing)
 - B.Tech Project - 6