

## Faculty Profile



### Dr. Mukesh Raghuwanshi

Professor & Director

Ph.D. (Computer Sc. & Engg.) Visvesvaraya National Institute of Technology (**VNIT**), Nagpur (India).

M.Tech. (Computer Sc. & DP) Indian Institute of Technology (**IIT**), Kharagpur (India).

M. Sc. (Applied Electronics) Amaravati University

Email: [director@sitnagpur.siu.edu.in](mailto:director@sitnagpur.siu.edu.in)

#### Research Interests & Expertise:

##### Broad areas:

- Cloud Computing
- Machine Learning
- Algorithm and Data Structure
- Evolutionary Computing

##### Specific areas:

- Genetic Algorithm
- Particle Swarm Optimization
- Image Processing
- Language Processors
- Cloud Computing
- Data Science

#### Research Profiles:

[\[Google Scholar\]](#)

[ORCID ID](#)

[\[Scopus\]](#)

[\[Web of Science\]](#)

[\[Vidwan\]](#)

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## Faculty Profile

### Dr. Latika Pinjarkar



Associate Professor & Academics in Charge

Ph.D. (Computer Sc. & Engg.) CSVTU Bhilai (CG) (India).

M.E. (Computer Tech. & Application) CSVTU Bhilai (CG) (India).

B. E. (Computer Technology) Nagpur University

Email: [latika.pinjarkar@sitnagpur.siu.edu.in](mailto:latika.pinjarkar@sitnagpur.siu.edu.in)

#### Research Interests & Expertise:

##### Broad areas:

- Computer Vision
- Image Processing
- Machine Learning

##### Specific areas:

- Content Based Image Retrieval(CBIR)
- Deep Learning
- Cloud Computing
- Data Science

#### Research Profiles:

[\[Google Scholar\]](#)

[\[ORCID ID\]](#)

[\[Scopus ID\]](#)

[\[Web of Science\]](#)

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## Faculty Profile



### Dr. Sudhanshu Maurya

#### Associate Professor CSE

Visiting Post Doctoral Researcher, University of Luxembourg, Esch-Belval Esch-sur-Alzette.

Post Doctoral Research, University of Malaysia Perlis, Malayisa

Ph.D. Computer Science, (Cloud Computing)  
M. Tech Computer Science & Engineering, HNB Garhwal Central University, Uttarakhand.

Email: sudhanshu.maurya@sitnagpur.siu.edu.in  
Mob. No.: +91-7717782567

#### Research Interests & Expertise:

##### Broad areas:

- Artificial Intelligence
- Cloud Computing
- Internet of Things
- Blockchain

##### Specific areas:

- Security & Privacy Aspects
- Energy Efficiency of IoT Devices
- Optimization
- Cyber Security on UAVs
- Fog & Edge Computing

#### Profiles:

[\[Personal Website\]](#)  
[\[SCOPUS\]](#) [\[LinkedIn\]](#)  
[\[Google Scholar\]](#) [\[Research Gate\]](#)  
[\[ORCID\]](#) [\[Researcher ID\]](#) [\[Vidwan ID\]](#)

**Total work experience** : 10 years  
**Paper Published** : 85 (Indexed in SCI/SCIE/ESCI, SCOPUS or UGC Care)  
**Patent Published** : 10 National 02 International (Granted)  
**FDP** : 20  
**Short Term Courses** : 08  
**Book Published** : 05  
**Govt. Funded Project** : 01

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## Faculty Profile



### **Dr. Nilesh Bhaskarrao Bahadure**

Associate Professor – CSE Department

Ph.D., M.E., B.E.

Email: [nilesh.bahadure@sitnagpur.siu.edu.in](mailto:nilesh.bahadure@sitnagpur.siu.edu.in)

Contact:

#### **Research Interests & Expertise:**

##### Broad areas:

- Electronics and Communication Engineering
- Computer Science and Engineering
- Digital Systems

##### Specific areas:

- Digital Signal Processing
- Image Processing
- Internet of Things
- Biomedical Image Processing
- Microprocessor and Microcontroller-based Systems

#### **Research Profiles:**

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[ResearcherID\]](#)

[\[Vidwan\]](#)

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## Faculty Profile

### Dr. Ramdas B. Khomane



Assistant Professor (Sr. Scale)

Post Doc. NUS, Singapore

Ph.D. (Chemistry), SPPU (CSIR-NCL), Pune

M.Sc. (Organic Chemistry), SPPU, Pune

B.Sc. (Chemistry) SPPU, Pune

Email: ramdas.khomane@sitnagpur.siu.edu.in

Contact: +91-7126192364

#### Research Interests & Expertise:

##### Broad areas:

- Nanoscience and Nanotechnology
- Materials Sciences

##### Specific areas:

- Nanomaterial synthesis, characterization and applications
- Applications: Lithium Ion Batteries, Solar Cell, CO<sub>2</sub> sequestration, catalysis etc.
- Synthesis methods: microemulsion, sol-gel, hydrothermal, co-precipitation, etc.

#### Research Profiles:

[\[Google Scholar\]](#)

[\[Web of Science\]](#)

[\[ORCID\]](#)

[\[Scopus\]](#)

[\[Vidwan\]](#)

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## Faculty Profile



### **Dr. Purushottam D. Shobhane**

Assistant Professor (Sr. Grade)

Ph.D. (Mathematics) from Gondwana University  
M.Sc. (Mathematics) from Nagpur University  
B.Sc. (Mathematics) from Amrawati University

Email: purushottam.shobhane@sitnagpur.siu.edu.in

Contact: +91-9096088204

### **Research Interests & Expertise:**

#### Broad areas:

- Relativity
- Mathematical Modeling

#### Specific areas:

- General Theory of Relativity
- Cosmology

### **Research Profiles:**

[\[Google Scholar\]](#)

[\[Scopus\]](#)

[\[WoS\]](#)

[\[Linked-In\]](#)

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## Faculty Profile

### **Dr. Sagarkumar Shridhar Badhiye**



Assistant Professor (Sr. Grade)

Ph. D. (CSE), M. Tech. (CSE), B. E. (IT)

Email: [sagarkumar.badhiye@sitnagpur.siu.edu.in](mailto:sagarkumar.badhiye@sitnagpur.siu.edu.in)

Contact: +91-7126192362

#### **Research Interests & Expertise:**

##### Broad areas:

- Computer Science and Engineering
- Information Technology
- Machine Learning and Deep Learning
- Data Science

##### Specific areas:

- Time Series Analysis
- Forecasting
- Automata Theory
- Compiler Design
- Natural Language Processing

#### **Research Profiles:**

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[WoS\]](#)

[\[Scopus\]](#)

[\[Vidwan\]](#)

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## Faculty Profile

### Dr. Poorva Agrawal



Assistant Professor, CSE, SIT Nagpur

PhD (CSE), ME (CSE), BE(CSE)

Email: [poorva.agrawal@sitnagpur.siu.edu.in](mailto:poorva.agrawal@sitnagpur.siu.edu.in)

Contact: 0712-6192370

#### Research Interests & Expertise:

##### Broad areas:

- Computer Science & Engineering
- Information Technology
- Artificial Intelligence
- Data Science

##### Specific areas:

- Image Processing
- Soft Computing
- Game Theory
- Deep Learning
- Machine Learning
- NL

#### Research Profiles:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[ResearcherID\]](#)

[\[Vidwan\]](#)

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## Faculty Profile



### **Dr. Pradnya Borkar**

Assistant Professor (Sr.Scale)

PhD(CSE), M.Tech(CSE), B.E.(CT)

Email: [pradnya.borkar@sitnagpur.siu.edu.in](mailto:pradnya.borkar@sitnagpur.siu.edu.in)

Contact: +91-9834035712

### **Research Interests & Expertise:**

#### **Area of Specialization:**

- High-Performance Computing
- Bioinformatics
- Parallel Computing
- Theory of Computation
- Database Management System

#### **Research Profiles:**

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[Vidwan\]](#)

[\[Researcher ID\]](#)

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## Faculty Profile



### **Dr. Snehal Bankatrao Shinde**

Assistant Professor

PhD (CSE-VNIT Nagpur), M.Tech.(CSE), B.E.(IT)

Email: snehal.shinde@sitnagpur.siu.edu.in

Contact: +91-7387127480 / 7972904340

### **Research Interests & Expertise:**

#### **Area of Specialization:**

- Bioinformatics
- Systems Biology
- Machine Learning
- Data Science

#### **Research Profiles:**

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[Vidwan\]](#)

[\[ResearcherId\]](#)

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## Faculty Profile



### **Dr. Pramod Kumar Pandey**

Assistant Professor (Physics)

Ph.D. (Physics)

Email: pramod.pandey@sitnagpur.siu.edu.in

Contact: +919935864483; +919450351741

### **Research Interests & Expertise:**

#### Broad areas:

- Study of Laser Matter Interaction
- Laser Plasma diagnostic.
- VIS/UV, X-ray imaging and spectroscopy.
- Design and development of Ophthalmic instruments like OCT, CXL etc.
- Design of intraocular lenses.

#### Specific areas:

- Study of metallic nanoparticles/nanocomposites formation using laser induced colliding plasma.
- Laser wake field accelerator (LWFA) for energized particles for further applications.
- Design of optical setup/ instruments for several specific applications.

### **Research Profiles:**

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[WoS\]](#)

[\[Scopus\]](#)

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## Faculty Profile



### **Dr. Gopal Kumar Gupta**

Ph.D. – Operation Research – Queueing Theory  
(IIT BHU)

Assistant Professor  
Department of Mathematics  
SIT Nagpur (SIU)

Email: [gopalkumar.gupta@sitnagpur.siu.edu.in](mailto:gopalkumar.gupta@sitnagpur.siu.edu.in)

Contact: +91-7057263372

### **Research Interests:**

- Operation Research,
- Queueing Theory,
- Stochastic Process,
- Fuzzy Neural network
- Blockchain Queueing Theory

### **Research Profiles:**

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[ResearchGate ID\]](#)

[\[Scopus\]](#)

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## Faculty Profile



### Gagandeep Kaur

Assistant Professor, CSE Dept., SIT, Nagpur

Pursuing PhD (CSE), M.Tech (CSE), B.Tech(CSE)

Email: [gagandeep.kaur@sitnagpur.siu.edu.in](mailto:gagandeep.kaur@sitnagpur.siu.edu.in)

Contact: 0712-6192370

#### Research Interests & Expertise:

##### Broad areas:

- Computer Science & Engineering
- Information Technology
- Artificial Intelligence
- Data Science

##### Specific areas:

- Natural Language Processing
- Image Processing
- Machine Learning
- Deep Learning
- Game Theory

#### Research Profiles:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[ResearcherID\]](#)

[\[Vidwan\]](#)

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## Faculty Profile



### Monali Gulhane

Teaching Associate: LMS Incharge, Branding and Promotion

B. Tech-CSE, M. Tech-CSE, Ph.D. Pursuing

Email: [monali.gulhane@sitnagpur.siu.edu.in](mailto:monali.gulhane@sitnagpur.siu.edu.in)

Contact: 9766709211/9075089800

### Research Interests & Expertise:

#### Broad areas:

Machine Learning  
Data Analytics  
Data Mining  
Medical Engineering  
Data Science  
Artificial Intelligence

#### Specific areas:

- Disease Predictions
- Internet of Things
- Web Development
- Data Analysis
- Computer Graphics

### Research Profiles:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[Web of Science\]](#)

[\[Scopus\]](#)

[\[Vidwan\]](#)

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## Faculty Profile



### **Asst Prof. Sneha Thomas**

Assistant Professor and Lab in charge- Tinker

MA, PhD (pursuing), UGC- NET, SET

Email: sneha.thomas@sitnagpur.edu.in

Contact: 8390829889

### **Research Interests & Expertise:**

#### Broad areas:

- Gender Studies
- Discourse and Cultural Studies
- English Literature and linguistics

#### Specific areas:

- African American Studies
- Masculinity and feminist studies
- Ethnography and auto ethnographic studies
- Digital humanities

### **Research Profiles:**

[\[Google Scholar\]](#)

[\[ORCID\]](#)

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## Faculty Profile



### **Prof Rajeshwar L Balla**

Teaching Associate

M.Tech, M.phil, MSc

Email: [rajeshwar.balla@sitnagpur.siu.edu.in](mailto:rajeshwar.balla@sitnagpur.siu.edu.in)

Contact: +919421878999

#### **Research Interests & Expertise:**

##### Broad areas:

- Computer Networks

##### Specific areas:

- Cloud Computing
- IOT

#### **Research Profiles:**

[\[Google Scholar\]](#)

[\[ORCID\]](#)

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## Faculty Profile



### **Er. Muktinath Vishwakarma**

Teaching Assistant Professor

B.E. (CSE), RTMNU Nagpur,  
M.Tech. (CSE), IIT Kanpur,  
JRF-NET

Email: [muktinathv@sitnagpur.siu.edu.in](mailto:muktinathv@sitnagpur.siu.edu.in)

Contact: +91-7126192364

### **Research Interests & Expertise:**

#### Broad areas:

- Theoretical Computer Science
- Artificial Intelligence
- Programming Languages

#### Specific areas:

- Data Structures and Algorithm
- Graph Theory
- Machine Learning
- Data Science
- Computer Vision

### **Research Profiles:**

[\[Google Scholar\]](#)

[\[Linked-In\]](#)

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