

Faculty Profile



Dr. Mukesh Raghuvanshi

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

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](#)

[\[Scopus\]](#)

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

[\[Vidwan\]](#)



Faculty Profile



Dr. Nilesh Bhaskarrao Bahadure

Associate Professor – CSE Department

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

Email: 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:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[ResearcherID\]](#)

[\[Vidwan\]](#)



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

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:

[\[Google Scholar\]](#)

[\[ORCID ID\]](#)

[\[Scopus ID\]](#)

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



Faculty Profile

Dr. Ramdas Khomane



Assistant Professor (Sr. Scale)

MSc, PhD

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

Contact: +91-7126192364

Research Interests & Expertise:

Broad areas:

- Nanoscience and Nanotechnology
- Materials Sciences

Specific areas:

- Green Synthesis of Nanomaterials
- Characterization of Nanomaterials
- Applications of Nanomaterials
- Applications: Lithium Ion Batteries, Solar Cell, CO₂ sequestration, catalysis etc.
- Synthesis methods: microemulsion, sol-gel, hydrothermal, co-precipitation, etc.
- Nanoparticles, Nanorods, Quantum dots, Thin Films, Nanofluids, Nanocomposites, Carbon Nanostructures

Research Profiles:

[\[Google Scholar\]](#)

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

[\[ORCID\]](#)

[\[Scopus\]](#)

[\[Vidwan\]](#)



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:

[\[Google Scholar\]](#)

[\[Scopus\]](#)

[\[WoS\]](#)

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



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

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: [\[Google Scholar\]](#)

ORCID ID: [\[ORCID\]](#)

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

Scopus: [\[Scopus\]](#)

Vidwan: [\[Vidwan\]](#)



Faculty Profile

Dr. Poorva Agrawal



Assistant Professor, CSE, SIT Nagpur

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

Email: 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:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[ResearcherID\]](#)

[\[Vidwan\]](#)



Faculty Profile



Dr. Pradnya Borkar

Assistant Professor (Sr.Scale)

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

Email: 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: [<https://vidwan.inflibnet.ac.in/profile/178732>]

Researcher ID :

[\[BORKAR, Dr. PRADNYA - Web of Science Core Collection\]](#)



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: [[Google Scholar](#)]

ORCID ID: [[ORCID](#)]

Vidwan: [[Snehal B Shinde Vidwan](#)]

Researcher ID :

[[Snehal B Shinde_ResearcherId](#)]



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:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[WoS\]](#)

[\[Scopus\]](#)

[\[Vidwan\]](#)



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

Contact: +91-7057263372

Research Interests:

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

Research Profiles:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[WoS\]](#)

[\[Scopus\]](#)

[\[Vidwan\]](#)



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

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:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[ResearcherID\]](#)

[\[Vidwan\]](#)



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:

[\[Google Scholar\]](#)

[\[ORCID\]](#)



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

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:

Vidwan: <https://vidwan.inflibnet.ac.in/myprofile/341143>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57737922500>

Web of Science: <http://www.webof-science.com/wos/author/record/AAV-3322-2021>

Google Scholar: <https://scholar.google.com/citations?user=EcZyccwAAAAJ&hl=en>



Faculty Profile



Prof Rajeshwar L Balla

Teaching Associate

M.Tech, M.phil, MSc

Email: rajeshwar.balla@sitnagpur.siu.edu.in

Contact: +919421878999

Research Interests & Expertise:

Broad areas:

- Computer Networks

Specific areas:

- Cloud Computing
- IOT

Research Profiles:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[WoS\]](#)

[\[Scopus\]](#)

[\[Vidwan\]](#)



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

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:

[\[Google Scholar\]](#)

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



Faculty Profile



Mr Nishant Nikam

M Tech – Tool Design

Teaching Assistant

Additional Responsibility

Training & Placement

Email: nishant.nikam@sitnagpur.siu.edu.in

Contact: +91-8806214786

Research Interests:

Broad areas:

- Automation in Agriculture for small land holdings
- Artificial Limb with Design optimization

Specific areas:

- Water Management System
- Solid Waste Management
- Improvisation in Prosthetic Design

Research Profiles:

[\[Google Scholar\]](#)

[\[ORCID\]](#)

[\[WoS\]](#)

[\[Scopus\]](#)

[\[Vidwan\]](#)

