



SATISH KUMAR



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Skills

- Teaching
- Quick Learner
- Easy Adaptability to Work Environment
- Good Communication Skill

Other Details

- Language Known : English, Hindi
- Hobbies and Personal Interest : Music, Reading, Yoga,

Reference

- **Dr. Enam Nabi Siddiqui**
Retired Professor & Head
Vinoba Bhave University, Hazaribag,
Jharkhand
M.No: 9835120128
Email: enamsiddiqui@yahoo.com
- **Dr. Sunit Kumar Srivastava**
Assistant professor, University
Department of Biotechnology, V.B.U.
Hazaribag, Jharkhand
M.No: 6204182998
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Objective

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge in solving biological problems.

Journal Publication

- ❖ Mosquito larvicidal effects of 33 plant's aqueous extracts of 14 different plants against larva of *Culex* mosquito.
DOI: <https://doi.org/10.22214/ijraset.2023.49438>
- ❖ A study of in vitro Thrombolytic activity using leaf extract of *Spondias pinnata*.
Journal: IJRAR
Paper ID: IJRAR23B3861
- ❖ Evaluation of antibacterial activity of *Madhuca longifolia* stem extract against *Streptococcus mutans*: an in-vitro study.
Journal: Journal of advanced pharmaceutical technology & research.
DOI: <http://dx.doi.org/10.7759/cureus.52210>

Journal publication under process

- ❖ In vitro Thrombolytic effect of *Leonotis nepetifolia* along with 59 aqueous extracts of 34 different plants of Jharkhand.
 - Journal: Indian journal of health sciences and biomedical research KLEU
- ❖ Phytoassisted Synthesis of AuNP and AgNP, Its Characterization, Antibiotic Potential and In Vivo Biocompatibility with Embryonic Zebrafish: A Comparative Study
 - Journal: Indian Journal of Experimental Biology (IJB)

M.Sc. Project

- ❖ **Department of Biotechnology, Vinoba Bhave University Hazaribag (July 2022 to December 2022)**
Title: "To Study 71 Different Plant's Aqueous Extracts of 42 Different Plants for in-vitro Thrombolytic, Mosquito Larvicidal and Antibacterial (*E.coli*, *S.typhi*, *M.luteus*, *S.aureus*, and *S.mutans*) Effects".
Guide: Dr. Sunit Kr. Srivastava

Instrument Skills

Nanodrop Spectrophotometer, PCR Thermocycler, UV Spectrophotometer, Gel Electrophoresis, Haemocytometer, Centrifugation, Autoclave, Hot air Oven, UV Trans illuminator, Compound Microscope, Inverted Compound Microscope, Incubator, Biosafety Cabinet, CBNAAT, TRUENAT, Laboratory Chiller, Colorimeter, Magnetic Stirrer, Vortex, Weighing Machine.

Software Skills

Zotero, Tableau, Microsoft Word, Microsoft Excel, Microsoft Power Point, Adobe Photoshop, Corel Draw Graphics, Aurdino Robotics, Movavi Video Editor, Audacity Sound Editor and Mixer.

Training, Workshop and Webinar

- ❖ **BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI, JHARKHAND (12th April 2023)**
Title: 1 Day Research Facility Training Programme under SERB-DST Project.
- ❖ **ICAR-CRURRS NATIONAL RICE RESEARCH INSTITUTE, HAZARIBAG, JHARKHAND (20th March -21st March 2023)**
Title: 2 Days Hands-on training on Instrumentation.
- ❖ **SHEIKH BHIKHARI MEDICAL COLLEGE AND HOSPITAL, HAZARIBAG, JHARKHAND (14th February – 28th February 2023)**
Title: Tuberculosis testing by A.F.B. Staining & Reporting (Microscopy), CBNAAT & TRUENAT
- ❖ **NATIONAL INSTITUTE OF BIOLOGICALS (NIB), NOIDA, Ministry of Health & Family Welfare, Government of India (22nd November – 03rd December 2021)**
Title: National skill development and hands-on training on quality control of biologicals
- ❖ First National Conference on Haemovigilance organised by “National Institute of Biologicals, Noida”. (9th-11th December 2021, Webinar)
- ❖ Plant Defence and Viral Counter-Defence mechanisms Regulating Symptom Recovery, an Inducible Form (16th March 2022, Webinar)

Certificates

- ❖ Herbalism: Introduction & Medicine Making Certificate (17th March 2022).
- ❖ In Depth: Master of all Photoshop's Tools Easily Online Course (22nd February 2019)
- ❖ Advanced Robotics on AVR, Aurdino and Embedded System, 1 month Certificate cum Training Course (1st August to 31st September 2018).
- ❖ Advance Diploma in Computer Application, 12 months course (August 2017).

Educational Qualification


Course	Institution	Passing Year	Percentage	Remark
M.Sc. Biotechnology	Vinoba Bhave University, Hazaribag	2023	79.48	Passed
B.Sc. Botany	I.G.N.O.U.	2020	67.00	Passed
M.B.B.S.	Bharati Vidyapeeth University Medical College, Pune	2005-2008	Dropped in 3 rd Year	
AISCE (Intermediate)	D.A.V. Public School, Bariyatu, Ranchi	2004	61.4	Passed
AISSE (10 th Board)	Kendriya Vidyalaya, Ramgarh	2001	67.4	Passed

Declaration

I declare that the information and facts stated herein above are true and correct to the best of my knowledge and belief.

Place: Ranchi

Date: 25th January 2025


(Satish Kumar)
Signature of the applicant