

Dr. Vishal Singh Chandel

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PROFILE SUMMARY

Full Name	Vishal Singh Chandel
Father's Name	Shri B. N. Singh Chandel
Date of Joining	15/12/2017
Department	Applied Science & Humanities
Qualification	B. Sc. (Physics, Chemistry, Mathematics)-1995 University of Lucknow, Lucknow (U. P.)
	M. Sc. (Physics)- 1998 University of Lucknow, Lucknow (U. P.)
	Ph. D. (Physics)- 2006 University of Lucknow, Lucknow (U. P.)

Additional Roles / Responsibilities at University/College/ Department Level:

- Head, Applied Science and Humanities
- Coordinator, NBA
- Member, BOG, CPC
- Mentor BIS Club
- Associate Dean, AKTU, Faculty of Applied Sciences

Project:

1. Co-PI in a UPCST Project “Synthesis and Characterization of Pure and Doped CaCu₃Ti₄O₁₂ (CCTO) for Microelectronic Applications”, 6.4 lacs, (2016-2018).
2. Co-PI in a Project “Ultrathin 2D nanomaterials for Heavy Metal Ion detection” VRPS Grant (AKTU, Lucknow), 4.5 lacs (2019-2021).
3. Co-PI in a UPCST Project “Quality Assessment of Seeds and Grains using Dielectric Spectroscopy” 10.44 lacs. (2022-2025).
4. Co-PI in a UPCST Project “Zero-dimensional carbon nano-materials based platform for electrochemical and optical detection of lung cancer biomarker” 11.44 lacs. (2022-2025).

CST UP ENGINEERING STUDENT'S PROJECT GRANT SCHEME 2022-23 & 2023-24 (Rs. 20,000/)

5. Use of Agro-Waste Materials viz. Carrot Grass and Coconut Shell in Concrete for addressing associated Socio-Economic Problems. Prof. Vishal Singh Chandel, Mr. Avaneesh Kumar Yadav.
6. Evaluation of Concrete Properties made with Fly ash and Waste Kulad (Burnt Clay) as a Partial Replacement of Fine Aggregate and Cement to improve Concrete's Environmental Sustainability Mr. Avaneesh Kr. Yadav, Mr. Amit Kr. Rai, Prof. V.S. Chandel.
7. Use of Water Hyacinth and Santa Maria Feverfew in concrete to assess its thermo-mechanical properties for addressing local socio-economic challenges and mitigate the environmental degradation Mr. Avaneesh Kr. Yadav, Mr. Amit Kr. Rai, Prof. V.S. Chandel.

Member of Professional Bodies:

- Life member, Materials Research Society of India, LMB 776. Life member, Indian Liquid Crystal Society, L-275.
- Life member, Indian Physics Association, LM 12261. Life member, Indian Laser Association, LM 720.
- Life member, Purvanchal Academy of Sciences, LM 417.
- Life member, Indian Society for Technical Education LM 85602.
- International Association of Engineers (IAENG), Singapore (Membership No. 100897). Life time Senior Member International Society for Research and Development (ID 3140900175).

Publications:

Journal Papers	65 (Published);	01 (Accepted);	02 (Communicated)
Conference Papers	18 (Published);	02 (Accepted);	
Workshop/Seminar/Conference/Short Term Courses/Faculty Development Programmes	36 (Attended);	04 (Organized)	

Expert Lecture Delivered: 08

Ph.D. Theses Supervised 09 (Completed); 0 (Submitted) 05 (In Progress)

M. Phil. Theses Supervised 01 (Completed)

Books Authored 04