

PROFILE OF THE TEACHERS

1. **Name: Dr. Alok Kumar Chaudhari**
2. **Father's Name: Sri Sadanand**
3. **Mother's Name: Smt. Kusum**
4. **Department: Chemistry**
5. **Date of Joining the University: 02/07/2018**



6. **Total Teaching Experience: UG- 03 Year, 09 Month PG- 03 Year, 09 Month**
7. **Total Research Experience: 09 Year, 06 Month**
8. **Area of specialization: Nanomaterials, Electrodeposition**
9. **Academic Qualifications:**

UG	2010	National P G College, Barhalganj (D.D.U. Gorakhpur University, Gorakhpur)	First
PG	2012	Aligarh Muslim University, Aligarh	First
Ph.D.	2018	Banaras Hindu University, Varanasi	N/A
PDF	-----	-----	-----
Any Other	-----	-----	-----

10. International/National fellowship/financial support for advance studies/research

S. No.	Name of the fellowship/ financial support	Year of Award	National/International	Awarding Agency
1.	UGC-RFSMS	2016	National	UGC, New Delhi

11. International/National award/recognition for academics: Nil

S. No.	Name of the award/recognition	Year of Award	Title of the innovation	National/International	Awarding Agency

12. Extension activity participation: Nil

S. No.	Name of activity	Year

If any award/recognition received- Nil

S. No.	Name of activity	Name of the award/recognition	Year of Award	National/International	Awarding Agency

13. Ph.D. supervised: 0 (01 ongoing)

S. No.	Name of the Ph.D. scholar	Title of the thesis	Year of registration of the scholar	Year of award of Ph.D.

14. Research/Review Papers published

S. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/ Web of Science /other, mention
1								
2	Structure and Properties of Electro Co-deposited Ni-Fe/ZrO ₂ Nanocomposites from Ethylene Glycol Bath	A. K. Chaudhari, V.B. Singh	Int. J. Electrochem. Sci.	2014	1452-3981	http://www.electrochemsci.org/	http://www.electrochemsci.org/papers/vol9/91207021.pdf	Yes
3	Studies on Electrodeposition, Microstructure and Physical Properties of Ni-Fe/In ₂ O ₃ Nanocomposite	A. K. Chaudhari, V.B. Singh	J. Electrochem. Soc.	2015	1945-7111	https://iopscience.iop.org/journal/1945-7111	https://iopscience.iop.org/article/10.1149/2.0271508jes	Yes
4	Mechanical and Physical Properties of Electrodeposited Ni-Fe, WO ₃ Doped Nanocomposite	A. K. Chaudhari, V.B. Singh	Surf. Coat. Technol.	2016	0257-8972	https://www.sciencedirect.com/journal/surface-and-coating-technology	https://www.sciencedirect.com/science/article/abs/pii/S0257897216309562	Yes

5	Impact of CeO ₂ Incorporation in Electrodeposited Ni-Fe on Structure and Physical Properties of Multifunctional Nanocomposites	A. K. Chaudhari, V.B. Singh	Arab. J. Chem.	2016	1878-5352	https://www.journals.elsevier.com/arabian-journal-of-chemistry	https://www.sciencedirect.com/science/article/pii/S1878535216302167	Yes
6	Structure and properties of Dual Oxide Particle Doped Ni-Fe/In ₂ O ₃ -WO ₃ Functional Nanocomposite Coatings	A. K. Chaudhari, V.B. Singh	J. Electrochem. Soc.	2017	1945-7111	https://iopscience.iop.org/journal/1945-7111	https://iopscience.iop.org/article/10.1149/2.0331707jes/meta	Yes
7	Improvement in the Different Properties of the Permalloy by Nano-Cr ₂ O ₃ Incorporation	A. K. Chaudhari, V.B. Singh	J. Appl. Electrochem.	2017	1572-8838	https://www.springer.com/journal/10800	https://link.springer.com/article/10.1007/s10800-017-1095-9	Yes
8	A review of fundamental aspects, characterization and applications of electrodeposited nanocrystalline iron group metals, Ni-Fe alloy and oxide ceramics reinforced nanocomposite coatings	A. K. Chaudhari, V.B. Singh	J. Alloys. Compd.	2018	0925-8388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838818313823	Yes
9	Structure, Mechanical and Magnetic Properties of Al ₄ C ₃ Reinforced Nickel Matrix Nanocomposites	A. K. Chaudhari, D. K. Singh, V.B. Singh	Mater. Res. Express	2018	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/aabeea	Yes
10	Synthesis, Characterization and Physical Properties of the Tantalum Pentaoxide Reinforced Ni-Fe alloy Matrix	A. K. Chaudhari, V.B. Singh	Chemistryselect	2018	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/journal/10.1002/slct	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.201801036	Yes

	Nanocomposites					rnal/23 656549		
11	Impact of ZrO ₂ reinforcement on the surface roughness, electrical and magnetic properties of the nano-permalloy	A. K. Chaudhari, V.B. Singh	Funct. Compos. Struct.	2019	2631- 6331	https://iopscience.iop.org/article/10.1088/2631-6331/ab5570?pageTitle=IOPscience		Yes
12	Structural Features and Functional Properties of Y ₂ O ₃ Reinforced Nickel Matrix Nanocomposites	A. K. Chaudhari, V.B. Singh	Chemistryse lect	2020	2365- 6549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/slct.202002052	Yes

15. Books and chapters in edited volumes / books published

S No.	Title of the book	Title of the chapter	National / international	Year of publication	ISBN number	Affiliating Institute at the time of publication	Name of the publisher
1	Nanomaterials for Sustainable Energy Applications	Nanomaterials in Electrochemical Synthesis	International	2022	-----	DDU Gorakhpur University	Taylor and Francis Group, USA

16. Papers in national/international conference-proceedings: Nil

S No.	Title of the proceedings of the conference	Name of the conference	National / international	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication

17. Professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes

S. No.	Year	Title of the professional development Programme	Date and Duration (from – to)
1	2020	Orientation Programme	04 to 24 th January 2020
2	2021	Refresher Course in Chemistry	11 to 24 th September 2021

18. Research projects sponsored by government agencies

S. No.	Name of the principal Investigator	Name of the Research Project	Name of funding agency	Amount/Fund provided	Year of sanction	Duration of the project	Status (Completed/Ongoing)
1	Dr. Alok Kumar Chaudhari	UGC-Start up Grant	UGC, New Delhi	10 Lakh only	2020	2 Years	Ongoing

19. Research projects sponsored by non-government sources such as industry, corporate houses, international bodies: Nil

S. No.	Name of the principal Investigator	Name of the Research Project	Name of funding agency	Amount/Fund provided	Year of sanction	Duration of the project	Status (Completed/Ongoing)

20. Patents filed/granted: Nil

S. No.	Name of the patent filed/granted	Patent Number	Year of filing/award/ publish of patent

21. Collaborative activities with other institutions/ research establishments/industry for research and academic development: Nil

Title of the collaborative activity	Name of the collaborating agency with contact details	Year of collaboration	Duration	Nature of the activity

22. Functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research: Nil

Name of the Organisation/ Institution/ Industry with whom MoU is signed	Year of signing MoU	Duration of MoU	Actual activities under each MOU year wise

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23. E-content is developed

i. For e-PG-Pathshala, ii. For CEC (Under Graduate), iii. For SWAYAM, iv. For other MOOCs platform, v. For NPTEL/NMEICT/any other Government Initiatives

Name of the module developed	Platform on which module is developed	Date of launching content	Link to the relevant document and facility available in the institution	List of the e-content development facility available	Provide link to videos of the media centre and recording facility
UG (B.Sc.) - 10	E-Pathshala	2021	https://erp.ddugu.ac.in/faculty_profile/faculty_profile_1.aspx?uid=305		
PG (M.Sc.)- 06	E-Pathshala	2021	https://erp.ddugu.ac.in/faculty_profile/faculty_profile_1.aspx?uid=305		

24. Consultancy and corporate training- Nil

Consultancy

Name of consultancy project	Consulting/Sponsoring agency with contact details	Year	Revenue generated (amount in rupees)

Corporate training

Title of the corporate training program	Agency seeking training with contact details	Year	Revenue generated (amount in rupees)	Number of trainees

25. Details of Conference/Seminar attended –

Year	Name of the	International/National	Name of the	Amount of

	conference/ workshop	/State	professional body for which membership fee provided	support (in INR)
2022	Invited Lecture in Faculty Development Programme (FDP) on Environmental Sciences and Public Health, Organized by Kirori Mal College, University of Delhi in collaboration with Mizoram University, Aizawal	National	-----	2500/-
2017	International Conference on Advances in Biological System and Materials Science in Nano World, IIT-BHU	International	-----	-----
2016	Nanotechnology: Science and Application in Advanced Materials and Beyond, Dept. of Chemistry, BHU, Varanasi	International	-----	-----
2016	International Conference on Green Chemistry in Environmental Sustainability & Chemical Education, Daulat Ram College, University of Delhi	International	-----	-----
2016	Recent Trends in Carbohydrate Chemistry, Department of Chemistry, BHU, Varanasi	National	-----	-----
2016	International Conference on Multifunctional Materials for Device Applications, Department of Physics, NIT-Patna	International	-----	-----
2015	International Conference on Multifunctional Materials for Future Applications, Department of Chemistry, IIT-BHU, Varanasi	International	-----	-----
2015	National Symposium on Nanomaterials and Sustainable synthetic strategies, Department	National	-----	-----

	of Chemistry, BHU, Varanasi			
2014	National Symposium on Organic Synthesis and Advanced Materials, Department of Chemistry, BHU, Varanasi	National	-----	-----

26. Any other information: Nil