

Curriculum Vitae

Name	Prof. (Dr.) Pramod Kumar
Father's Name	Shri - Om Prakash
Date of Birth	09th March 1982
Mother's Name	Smt. Sarita
Language	Hindi / English
Past Employment	Assistant Professor (From 08-09-2010 to 03-03-2020) Department of Chemistry, J.N.R.M. (Jawaharlal Nehru Rajkeeya Mahavidyalaya) affiliated to Pondicherry Central University, Pudducherry, Port Blair-744104, Andaman and Nicobar Islands, India
Mode of Selection	**Through U.P.S.C. Delhi, (UPSC, Delhi Letter No. 1/136/2009-R.III, Dated: 15-07-2010).**
Present Employment	Professor (from 25-07-2025) & Head of Department of Chemistry, Prof. Rajju Bhaiya Institute (University Campus), Veer Bahadur Singh Purvanchal University (V.B.S.P.U.), Jaunpur-222003, Uttar Pradesh, India
Nationality	Indian
Email	pkchemistry.2009@gmail.com
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Academic qualifications:

Degree	Name of the University	Year of passing	Division	Subject
D.Phil./Ph.D	University of Allahabad, Prayagraj, U.P.	2012	Awarded	Chemistry
M. Phil.	Awadhes Pratap Singh University, Rewa, MP.	2007	Ist	Chemistry
M.Sc.	University of Allahabad, Prayagraj, U.P.	2005	Ist	Chemistry

Research Interests:

- Synthesis of carbon based materials such as graphene, CNTs, Activated carbon and their nanocomposites.
- Carbonaceous materials, conducting polymer and metal oxide based composites for technological applications.
- Nanocomposite application in gas sensing, photocatalysis and adsorption
- Visible light photocatalysis

Objective:

1. Aspiring to be with a progressive institution and to gain exposure that gives the scope to update my knowledge and skills accordance with latest teaching methods and a team player of a team that works dynamically towards the growth of the institution by holding a position in academic and administration.

Ongoing/Completed Research project:

1. Principal Investigator in Research Project entitled "Conducting polymer and carbon nanostructure (CNTs/graphene) composite for sensing of toxic gases and volatile organic compounds" in reference to the sanction letter order no.-89/2022/1585/70−4-2022/001-4-32-2022 under Uttar Pradesh Higher Education Research and Development Scheme funded, (Ongoing)
2. Principal Investigator in Research Project entitled "Plant based activated carbon conducting polymer nanocomposites for environment remediation" letter no. 78/2024/1015/70−4-2024−001−70−4002(002)/4/2023 under Uttar Pradesh Higher Education Centre of Excellence (CoE), (Ongoing)

Teaching Experience and others:

1. More than **sixteen years** teaching experience in B.Sc. and M.sc. Classes, at Department of Chemistry, Jawaharlal Nehru Rajkeeya Mahavidalaya (JNRM), Port Blair, affiliated to Pondicherry Central University, Pudducherry and Veer Bahadur Singh Purvanchal University, Jaunpur.
2. Paper setter of Commissions and Universities.
3. Acted as Assistant Coordinator in IGNOU Study Center attached with JNRM, Port Blair.
4. Development of self-learning material (SLM) of B.Sc.-Chemistry, U.P. Rajarshi Tondon Open University, Phaphamau, Prayagraj-211021.
5. Evaluated Ph.D. thesis in chemistry of **University of Allahabad**, **KIIT** Deemed to be University, Bhubaneswar, Odisha, India, **Awadhesh Pratap Singh University**, Rewa, M.P., **University of Mumbai**, Santacruz(East), Mumbai
6. Ph. D. students enrolled: 04
7. Ph. D. students awarded degree: 01
8. Post Graduate (M.Sc.) Project Supervision: More than fifty (50)

Editorial Board Member:

1. Editorial Board Member in "Advanced Scientific Research" ISSN: 2456-7744

Life Membership:

1. The Indian Science Congress association, Kolkata (ISCA)
   Membership No.- L14972.
2. Indian Chemical Society, Kolkata
   Membership No.-2025-LM/8796
3. Asian Polymer Association
   Membership No.-L-773
4. Society for Polymer Science, India
   Membership No.-831
5. Association of Chemistry Teachers, Mumbai
   Membership No. LM-1176
6. All India Federation of University and College Teachers Organization (AIFUCTO)
7. Vigyan Parishad Prayag, Allahabad-211002, LM No./Serial No.- 9498

Orientation Programme/Refresher Course/Faculty Development Programme:

1. Participated in UGC sponsored orientation programme from 21 August 2013 to 17 September 2013 at UGC Academic College, AMU, Aligarh
2. Participated in UGC sponsored refresher course in climate change (interdisciplinary) from 5 January 2015 to 25 January 2015 at UGC Academic College, AU, Allahabad
3. Participated in UGC sponsored refresher course in research methology (interdisciplinary) from December 10 to 31, 2018 at UGC-HRDC Lucknow University, Lucknow, U. P.
4. Participated in 2-weeks Faculty Development Programme (FDP) which was held from 01st to 14th November 2018, sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB) Department of Science & Technology (DST), Govt. of India under DST-NIMAT Project (2018-19), organized by A & N Consultancy Centre (ANCON), in association with Directorate of Industries, A & N Administration, Port Blair and MSME Development Institute, Govt. of India, Port Blair

Recent Research Publications:

Sl. No.	Title	Name of Journal	Year of Publication
1	Tailoring nickel sulfide/nickel phosphide composites derived from dppe-based Ni(II) dithiocarbamates for efficient bifunctional OER–HER electrocatalysis	Molecular Catalysis, Volume 593, https://doi.org/10.1016/j.mcat.2026.115791	2026
2	Highly efficient visible light mediated photocatalytic degradation of alizarin yellow dye and antibacterial activity by polyaniline/reduced graphene oxide anchored to NiFe double layered hydroxide	Digest Journal of Nanomaterials and Biostructures, Vol. 20, No. 2, April - June 2025, p. 609, doi.org/10.15251/DJNB.2025.202.609	2025
3	Visible Light Driven Degradation of Congo Red Dye: A Highly Efficient Approach Using Polyaniline-rGO/Ni–Al DLH Composite	J. Nanoelectron. Optoelectron., Vol. 20, No. 5., doi:10.1166/jno.2025.3761	2025
4	Can B-N Inosteres Utilize for the Disigning of New Organic Hole Transport Material? A Theoretical Prospective	Chemistry Select, 10, e02182, doi.org/10.1002/slct.202502182	2024
5	Synthesis of nitrogen-doped grapheme	Main Group Chemistry 23 (2024)	2024

	coupled acid fuchsin photocatalyst turns aryl-vinyl into aromatic aldehydes under visible light	205–217 IOS Press doi. 10.3233/MGC-230076	
6	Highly efficient nitrogen-doped grapheme coupled eosin-B photocatalyst for fixation and regeneration of N2 and NADH cofactors under visible light	Main Group Chemistry 23 (2024) 483–497 IOS Press doi. 10.3233/MGC-240036	2024
7	Highly Efficient Visible-Light-Driven Photocatalysis of Rose Bengal Dye and Hydrogen Production Using Ag@Cu/TiO2 Ternary Nanocomposites	Chemistry 2024, 6, 489–505. doi.org/10.3390/chemistry6030028	2024
8	Designing and computational investigation of acceptor for dye-sensitized solar cell and nonlinear optical properties	Computational and Theoretical Chemistry 1240 (2024) 114840 doi.org/10.1016/j.comptc.2024.114840	2024
9	Nanostructured Titanium Nitride and Its CompositesasHigh-Performance Supercapacitor Electrode Material	Nanomaterials doi.org/10.3390/nano13010105	2022
10	Non-covalent interactions governing the supramolecular assembly of copper(II) complexes with hydrazone-type ligand: Experimental and quantum chemical study	Polyhedron, doi.org/10.1016/j.poly.2021.115142	2021
11	Syntheses, characterization and oxygen evolution reaction (OER) electrocatalytic properties of M(II) based bromo-salophen complexes	Journal of Molecular Structure doi.org/10.1016/j.molstruc.2021.130928	2021
12	Hydrothermally Assisted Synthesis of Porous Polyaniline@Carbon Nanotubes–Manganese Dioxide Ternary Composite for Potential Application in Supercapattery	Polymers doi:10.3390/polym12122918	2020
13	Synthesis, Spectroscopic Characterization	Journal of Advance Science,	2019

	and Application of 1,3,5-tris-(monoethylamino)-cyclotrichlorophosphonitrile for acidic soil reclamation.	Engineering and Medicine, Vol., 11, No. 7, July, pp. 625.	

Books Published:

Sl.No.	Title of the Book	Publisher	Year	ISBN- No.
1.	Electrophoretic Studies of Biologically Important Mixed Complexes.	LAP Germany	2012	978-3-659-11180-8
2.	Solution Ionophoretic Technique in the study of Metal-Ligand Equilibria.	LAP Germany	2012	978-3-8484-8233-7

Book chapter:

1. Recent trends in science and technology on book chapter Cellulose Nanocrystals a versatile Emerging Material for Potential Applications, Mithilesh yadav, **Paramod Kumar**, Sujjet Kumar Chaurasiya and Dinesh Kumar Verma, 2022, ISBN: 978-81-953793-1-6, Computer Sansthan, Prayagraj.

Book Edited:

1. International Conference on Advances in Electronics, Computer, Physical and Chemical Sciences, 2024 with **ISBN-9781041017554 in CRC Press, Taylor & Francis Group**

Invited Lectures/ Paper presentation in seminars/conferences:

Sl. No.	Title of the Invited Lecture delivered/Paper presented	Details of Conference / Seminar/ FDP and Organising Institution	Category/Type of Event	Date of Presentation (yyyy-mm-dd)
1	Synergistic Enhancementof Photocatalytic degradation NiAl-LDH-Dopped with Polyaniline and Reduced Graphene Oxide for Visible light water Pollutant	Department of Chemistry, APS University, Rewa M.P. Recent Advances in Chemical sciences	National	2024-11-08
2	LDH Composites for Accelerated Photocatalytic Dye Degradation.	Faculty of Bio-Science, M. L. K. (P. G.) College, Balrampur (U.P.)	International	2024-04-27
3	Organic, inorganic compound and mole concept	District Institute of Education and Training (DIET)	District Level	2023-12-19

4	Yoga, Ayurveda and Environment for Human Life	Govt. Model Science College Rewa, M.P.	National	2023-09-06
2	Present Scenario of Environmental Challenges & Issues	CMP Degree College AU	National	2018-12-16
3	Present Scenario on Women empowerment	M.L.K (P.G.) College, Balrampur.	National	2018-12-23
4	Interaction of proline, pencillamine and NTA with transition metal ions: A solution ionophoretic investigation.	A seminar on Contemporary Research Material Science and Chemical Biology held on 31st January to 2nd February 2010 organized by Department of Chemistry University of Allahabad in association with Allahabad Chapter of ISCA and Indian Chemical Society.	National	2010-02-02
5	Electriphoretic studies on mixed metalhippuriccacid- nitrilotriacetate system.	A seminar on Emerging Trends and Advances in Chemical Research held on 08th-10th Feburuary2009 organized by Department of Chemistry University of Allahabad in association with Allahabad Chapter of ISCA and Indian Chemical Society.	National	2009-02-09

Participated in Conferences, Seminars, Workshops, Symposia:

1 Convener in International Conference on Advances in Electronics, Computer, Physical and Chemical Sciences held on 19-21, July-2024.

2 78th annual session of the National Academy of Sciences India held at Punjab University, Chandigarh on 21-23 November 2008.

3 79th annual session of the National Academy of Sciences India held at Calcutta University, on 14-16 December 2009.

4 A seminar on Frontiers of Chemistry Research held on 24-25 January 2008 organized by Department of Chemistry University of Allahabad in association with Allahabad Chapter of ISCA and Indian Chemical Society.

5 A national seminar on Recent Trends in Chemical Sciences held on 12-13 May 2010 organized by Department of Chemistry APS University Rewa (MP).

6 A workshop on Instrumental Techniques held on 25-30 June 2010 organized by Department of Chemistry University of Allahabad in association with Allahabad Chapter of ISCA and Indian Chemical Society.

7 A seminar on World Habitat Day held on 3rd October organized by JNRM, Port Blair.

8 A state level UGC Recognized Workshop on curriculum development and maintenance of standards in Higher Education held on 25-27 August 2011 at JNRM, Port Blair.

9 A short term course on soft strategies for the scalable synthesis of nonmaterial held on 27-31 May 2013 organized by Department of Chemistry MNNIT (Allahabad).

10 E-Governance Training Programme on BOSS (Bharat Operating System Solution) held on 12-14 September January 2011 at JNRM, Port Blair.

11 One day special training programme for academic counselors held on 19th October 2013 organized by IGNOU regional center at JNRM, Port Blair.

12 One day orientation programme for academic counselors held on 19th November 2011 organized by IGNOU regional center at JNRM, Port Blair.

13 Regional science Congress Meet on Innovations & Advances in Science & Technology, January 23-24, 2014 at JNRM, Port Blair

14 UGC-National Seminar on Small Scale Industries-Challenges & Prospects a Case Study Andaman & Nicobar Islands on 20-21Jaunary, 2015 sponsored by UGC, New Delhi.

15 Regional science Congress Meet on Future India: Science & Technology, October 26-28, 2018 at Regional Medical Research Centre, Port Blair.

16 National Conference on Climate Change, Biodiversity and Bio-resource Management organized by Microbiologists Society 1-3 February 2017 at JNRM, Port Blair.

Extra-Activities:

1. Full-fledge head (from June-2020 tto continue) department of chemistry at Prof. Rajju Bhaiya Institute, (University Campus), VBSPU (Veer Bahadur Singh Purvanchal University), Jaunpur.

2. Member of Executive Council (EC) VBS Purvanchal University, Jaunpur.

2. Convener of BOS of Chemistry of P.G. Course, VBS Purvanchal University, Jaunpur.

3. Member of Academic Council VBS Purvanchal University, Jaunpur.

4. Worked as member of data processing & results declaration committee VBS Purvanchal, University, Jaunpur.

5. Duty performed as chairman of monitoring committee of undergoing constructive works of buildings and others in VBSPU Campus, Jaunpur.

6. Duty performed as enquiry member constitute by Registrar VBSPU, Jaunpur.

7. Duty performed as CTET examination conducted by CBSE, NEET and Joint B.Ed. examination of Uttar Pradesh.

8. Paper setter of UPPSC and UPESSC.

8. Worked as Assistant Coordinator at INDIRA GNDHI NATIONAL OPEN UNIVERSITY (IGNOU), Study Centre 0201, JNRM Campus Port Blair from 03 March-2020.

9. Duty performed as Subject Expert Judge in State level Student Science Seminar-2019 on 13th September 2019 organized by Directorate of Education at Shiksha Sadan, Port Blair.

10. Acted as Subject Expert Judge in the state level science, arts, crafts exhibition held on 2018, at GSSS, Port Blair.

11. Worked as observer in AIPMT Retest July 2015.

12. Reviewed Research Article of JMES (Journal of Material and Environmental Science).

13. Reviewed Research Article of Advanced Scientific Research.

14. Acted as External Examiner Chemistry Practical in year 2011, 2013, 2015, 2016, 2018 and 2019 at Dr. Bhim Rao Ambedker Technical Institute, Port Blair.

15. Acted as Hostel Warden of Boys Hostel, JNRM, Port Blair from 2012 to 2014.

16. Acted as Subject expert Judge in the state level science, arts, crafts exhibition held on 26th – 27th Nov. 2011, at ITF ground, Port Blair.

17. Member in JNRM Sport Committee from 2016-2018.

18. Duty performed as In charge of Drinking Water facility and sport committee member at JNRM campus Port Blair, 2013.

19. Duty performed as member in placement committee of JNRM, Port Blair in 2017.

20. Conducted election of Class Representative of UG and PG Classes in Department of Chemistry, JNRM, Port Blair.

21. Duty performed as Invigilator in Pondicherry University examinations, UPSC, SSC, UGC and other competitive examinations conducted by A&N administration at JNRM, campus, Port Blair.

Declaration:

I hereby affirm that information is correct to the best of my knowledge.

Date: 02-03-2026

(Prof. Pramod Kumar)