

CURRICULUM VITAE

DR. PRAMOD KOTHARI

Assistant Professor & Head
Department of Chemistry
S N S Government P.G. College Narayan Nagar,
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ACADEMIC PROFILE

- **Doctor of Philosophy in Chemistry - 2010**
Kumaun University, Nainital, Uttarakhand.
Thesis Title : “Spectral and Electrical Studies of Nd⁺³ and Er⁺³ doped Phosphate Glasses.”
- **Diploma in Computer Application and Programming-2004**
ESTC-ACEL, Nainital.
- **Master of Science – 2003** (Organic Chemistry)
Kumaun University, Nainital, Uttarakhand.
- **Bachelor of Science – 2001** (Zoology, Botany and Chemistry)
Kumaun University, Nainital, Uttarakhand.
- **Certificate in Computing-2000**
Indira Gandhi National Open University.
- **Intermediate – 1998** (Biology group)
Board of High School and Intermediate Education, Uttar Pradesh.
- **High School - 1996**
Board of High School and Intermediate Education, Uttar Pradesh.

TEACHING AND RESEARCH EXPERIENCE

Assistant Professor-Chemistry **18- Sep -2019– Till date**
S N S Government P.G. College Narayan Nagar-262550, Pithoragarh. (Uttarakhand)

Assistant Professor-Chemistry **02- Jan -2017– 17- Sep -2019**
Government P.G. College Berinag-262531, Pithoragarh. (Uttarakhand)

Assistant Professor-Chemistry (Contractual) **11- July -2013– 01-Jan-2017**
Government P.G. College Berinag-262531, Pithoragarh. (Uttarakhand)

Assistant Professor-Chemistry (Contractual) **03-March-2011– 13-June-2013**
Government P.G. College Gopeshwar, Chamoli-246401. (Uttarakhand)

Assistant Professor-Chemistry **July-2010 – Feb-2011**
Surajmal Agarawal Private Kanya Mahavidyalaya, Kichha, U.S. Nagar, (Uttarakhand)

Research Scholar (Chemistry) **July-2005 – April-2010**
L. S. M. Government P. G. College, Pithoragarh. (Uttarakhand)
Engaged in extensive research work and also taught Inorganic, Organic and Physical Chemistry to the Under Graduate Students and Organic Synthesis to Post Graduate Students.

Junior Project Fellow (Chemistry) **Feb-2004 – May-2005**
S. S. J. Campus College, Almora. (Uttarakhand)

Worked as Junior Project Fellow in “*Commercially Important Medicinal and Aromatic Plants of Uttarakhand Himalaya: Their active constituents and activity*” project under Dr. Girish Chandra Shah, Chemistry department S.S.J. Campus, Almora.

COURSES TAUGHT (2003 Onwards)

- Inorganic Chemistry (UG Students)
- Organic Chemistry (UG Students)
- Inorganic Chemistry (PG Students)
- Organic Chemistry (PG Students)
- Biology for Chemist (PG Students)
- Bio-Organic Chemistry (PG Students)
- Photochemistry & Allied Chemistry (PG Students)
- Organic Synthesis (PG Students)
- Chemistry of Natural Products & Heterocyclic compounds (PG Students)

BOOKS PUBLISHED

1. Book entitled “**Named Reactions**” *A Collection of 200 Reactions with detailed mechanism.* Authored by **Dr. Pramod Kothari** is published by **LAP LAMBERT Academic Publishing**, Heinrich-Bocking-Str. 6-8, 66121 Saarbrucken, Deutschland / Germany. (ISBN: 978-3-659-61628-0), 2014.
2. Book entitled “**Spectral & Electrical Studies of Neodymium & Erbium Doped Phosphate Glasses** ” Authored by **Dr. Pramod Kothari** is published by **International Science Congress Association**, 427, Palhar Nagar, RAPTC, VIP-Road, Indore-452005 (MP) INDIA. (ISBN: 978-93-84648-28-2), 2014.
3. Book entitled “**Spectroscopic Studies of Rare Earth Doped Phosphate Glasses**” Authored by **Dr. Pramod Kothari** is published by **LAP LAMBERT Academic Publishing**, Heinrich-Bocking-Str. 6-8, 66121 Saarbrucken, Deutschland / Germany. (ISBN: 978-3-659-63021-7), 2014.
4. Book entitled “**Applied Chemistry Vol. I**” Authored by Ravindra Kumar Nariyal & **Dr. Pramod Kothari** is published by **Jai Prakash Nath Publications**, Meerut, UP, India. (ISBN: 978-9383694327), 2015.
5. Book entitled “**Environmental Scienc**” Authored by Ravindra Kumar Nariyal, **Dr. Pramod Kothari**, Dr. Ranjan Kumar Bhatt & Deepti Nariyal is published by **Chavi Publications**, Jaipur-302003, Rajasthan, India, 2015.
6. Book entitled “**Elementary Textbook of Chemistry-III**”, CBCS Pattern Kumaun University, Authored by Dr. B. K. Singh, Dr. A. S. Khan, **Dr. Pramod Kothari**, Dr. Renu Loshali, Dr. Neetu Sharma is published by **Pragati Prakashan**, Meerut-250001, (ISBN: 978-9387151277), UP, India, 2017.

PERSONAL DETAILS

Father's Name : Sri Kripal Datt Kothari
Mother's Name : Smt. Bina Kothari
Address : Village & Post Office – Jajar Dewal, District – Pithoragarh, Uttarakhand, India.
Date of Birth : 30 June, 1982
Nationality : Indian
Gender : Male
Marital Status : Married

PUBLICATIONS

1. R.P.Dubedi, U.Pathak, R.K.Nariyal, **P.Kothari**, R.Pandey, “*Studies of Laser Parameters of Erbium doped Zinc-Fluoride-Boro-Phosphate Glasses by Judd-Ofelt Approach*”, Proceedings of State level seminar organized by Govt. P. G. College, Pithoragarh, march 16-17, Pg. No. 240-245, (2007).
2. P.Durgapal, **P. Kothari**,” *Chemical Investigation of Flower’s of Nymphaea tetragona*”, BBRA, **8**, 1, Pg. No .363-365, (2011). DOI: <http://dx.doi.org/10.13005/bbra/874> ISSN **0973-1245**
3. **P. Kothari**, P. Durgapal, “*Infrared measurements of sodium-lead-barium-aluminium phosphate glass*”, Orient. J. Chem., An International Peer Reviewed Research Journal, **28**, 1, 595-597 (2012). DOI: <http://dx.doi.org/10.13005/ojc/280179> ISSN **2231-5039**
4. **P. Kothari**, R.K.Nariyal, P.Durgapal, “*Judd-Ofelt calculation of Nd⁺³ doped Phosphate glasses*”, Materials science, **8**, 5, 221-224, (2012). ISSN **0974-7486**
5. P. Durgapal, **P. Kothari**, D. Durgapal, “*Extraction and Isolation of compounds from the flowers of Nelumbo Nucifera*”, Natural Products, **8**, 6, 248-250, (2012). ISSN **0974-7508**
6. R. K. Nariyal, **P. Kothari**, B. Bisht, “*FTIR measurements of SiO₂ Glass prepared by Sol-Gel technique*”, Chem Sci Trans., **3**(3), 1064-1066 (2014). DOI: <http://dx.doi.org/10.7598/cst2014.816> ISSN **2278-3318**
7. **P. Kothari**, R. P. Dubedi, Y.K. Sharma “*Quality Education through Distance Learning*”, Proceedings of National Conference organized by S.B. S. Govt. P. G. College, Rudrapur, U. S. Nagar, Feb. 22-23, (2014).
8. **P. Kothari**, R. K. Nariyal, “*Spectroscopic parameters of Nd⁺³ ion in Sodium lead barium Aluminium Phosphate Glass*” Chem. Sci. Trans., **3**(3), 1039- 1042, (2014). DOI: <http://dx.doi.org/10.7598/cst2014.845> ISSN **2278-3318**
9. **P. Kothari**, R. K. Nariyal, “*Fluorescence Studies of Nd⁺³ ions in Phosphate Glass*” Chem Sci Trans., **3**(4) , 1415-1417, (2014). DOI: <http://dx.doi.org/10.7598/cst2014.855> ISSN **2278-3318**
10. **P. Kothari**, “*Dielectric and Electrical properties of Phosphate glass*”, Materials science, **11** (9), 298-301, (2014). ISSN **0974-7486**
11. Pawan Kumar Pal, A. K. Suthar, **P. Kothari**, “*Design and use of Nanostructured single-site Heterogeneous Catalysts*”, Journal of Advances in Science and Technology, Vol. VII(XIII), May, (2014). ISSN **2230-9659**
12. **P. Kothari**, R. K. Nariyal, B. Bisht, “*Synthesis and FTIR Studies of Er⁺³ Doped Sol–Gel Derived Silica Glass*”, International Journal of latest technology in Engineering, Management & Applied Science, vol. **3**, (X), 10-11, (2014). ISSN **2278-2540**
13. Pawan Kumar Pal, A. K. Suthar, **P. Kothari**, “*Synthesis and Characterization of Nanostructured single-site Heterogeneous Catalysts*”, Journal of Advances in Science and Technology, Vol. VII(XIV), Aug, (2014). ISSN **2230-9659**
14. R. K. Nariyal, **P. Kothari**, B. Bisht, “*Judd-Ofelt Analysis of Nd⁺³ Doped Sol–Gel Derived Silica Glass*, International Journal of latest technology in Engineering, Management & Applied Science, vol. **3**, (X),37-39, (2014). ISSN **2278-2540**
15. **P. Kothari**, R. K. Nariyal, B. Bisht, “*Absorption Spectral Studies of Er⁺³ Ions in Sol–Gel Derived Silica Glass*”, International Journal of Research and Scientific Innovation vol. **1**, (VI), 13-15, (2014). ISSN **2321-2705**
16. R. K. Nariyal, **P. Kothari**, B. Bisht, “*Optical Absorption Study of Nd⁺³ Ion in Silica Glass*”, International Journal of Research and Scientific Innovation vol. **1**, (VI), 25-27, (2014). ISSN **2321-2705**
17. **P. Kothari**, R. K. Nariyal, “*Laser Parameters of Nd⁺³ and Er⁺³ doped Silica Glasses Prepared by Sol-Gel Technique*”, Know Res.,vol. **I**, (I), 50-53, (2014). DOI: <http://dx.doi.org/10.7598/kor2014.115> ISSN **2394-4234**
18. **P. Kothari**, P.Durgapal, “*Flavanol from flower’s of Nymphaea Stellata Willd*”, Natural Products, **10**, 7, 237-238, (2014). ISSN **0974-7508**

19. **P. Kothari**, “Spectral studies of Er^{+3} ions in sodium-lead-barium- aluminium phosphate (SLBAP) Glass”, Know Res., **A2**, 15-18, (2015). DOI:10.7598/kor2015.121 ISSN **2394-4234**
20. **P. Kothari**, “Laser Parameters of Er^{+3} doped Phosphate Glass”, Materials science, **12** (9), 317-319, (2015). ISSN **0974-7486**
21. **P. Kothari**, “Spectroscopic Parameters to the Characterization of rare earth doped Glasses”, Materials science, **12** (10), 358-363, (2015). ISSN **0974-7486**
22. **P. Kothari**, Deepshikha Punetha, Geeta Tewari, “Effect of Different Manure Application on Organic Carbon of Soil sample from Agra city”, International Journal of latest technology in Engineering, Management & Applied Science, vol. **6**, (VI),133-135, (2017). ISSN **2278-2540**

WORKSHOP / SEMINAR ATTENDED

1. State level seminar on “**Opportunities and scope for research in Government Colleges**” held at Govt. P. G. College, Pithoragarh, March 16-17, (2007).
2. Two days workshop on **IPR Awareness** held at Govt. P.G. College Gopeshwar, Chamoli, Organized by UCOST Dehradun, March 8-9, (2011).
3. National Seminar on “**Advances in Natural Products Chemistry and Sustainable development**”, organized by Graphic Era University, Dehradun, June 04-05, (2011).
4. National Seminar on “**Recent Trends on Micro and macro Physics**”, held at Govt. P. G. College, Gopeshwar, Chamoli, during October 12-13, (2011).
5. National Seminar on “**Recent Trends on Science, Social science and Humanities**” held at Govt. P. G. College, Gopeshwar, Chamoli, during March 14-16, (2012).
6. National Conference on “**Innovations in Ethno pharmacology, recent developments in biological and chemical sciences for societal benefits**” held at L.S.M. Govt. P. G. College, Pithoragarh, during March 1-3, (2013).
7. National Conference on “**Convergence between Distance and Conventional Education**” held at S.B. S. Govt. P. G. College, Rudrapur, U. S. Nagar, during Feb. 22-23, (2014).