CURRICULUM VITAE

PERSONAL DETAILS

Name of Candidate	:	Dr. Puran Singh Khati
Father's Name	:	Sh. Pan Singh Khati
Gender	:	Male
Date of Birth	:	25th October 1973
Official Address	:	Dr. Puran Singh Khati Assistant Professor in Chemistry SDM Post Graduate College Doiwala Dehradun Uttarakand-248001
Correspondence Address	:	Dr. Puran Singh Khati Badrish Vihar, Lane No. 1, Kargi Grant Banjarawala Dehradun, UK-248001
Contact No.	:	8171239460
Nationality	:	Indian
Marital Status	:	Married
Religion	:	Hindu Rajput
Email	:	puransinghkhati25@gmail.com

OBJECTIVE

To pursue a progressive career in the field of Education and Research to obtain a position which will provide opportunity to utilize my skills in Education & Research.

ACADEMIC QUALIFICATION

Exam Passed	Board/Univ.	Subjects	Year	Division
High School	UP Board	Hindi, English, Science-II, Social Science, Biology, Maths	1988	Ist
Intermediate	UP Board	General Hindi, English, Physics, Chemistry, Maths	1990	Ist
B.Sc. (PCM)	Kumaun University Nainital	Physics, Chemistry, Maths	1994	IInd
M.Sc. (Chem.)	Kumaun University Nainital	Physical Chemistry	1996	Ist
Ph.D. (Chem.)	Kumaun University Nainital	Chemistry	2005	-
MAT	All India Institute of Management Association New Delhi	Management	1999	Qualified

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JOB EXPERIENCE

- Presently working as a Assistant Professor in Chemistry at S.D.M.P.G. College Doiwala, Dehradun, Uttarakhand from 18th June 2022 to till date.
- Worked as a Assistant Professor in Chemistry Deptt. Pt. L.M.S. (PG) College, Rishikesh (Dehradun) from 03 January 2017 to 17th June 2022.
- Worked as a Lecturer in Chemistry Contractual Basis in Chemistry Department at Pt. L.M.S. (P.G.) College, Rishikesh (Dehradun) from 08.12.2012 to 31.12.2016.
- Worked as a Lecturer on Contractual Basis in Chemistry Department at Govt. P.G. College, Doiwala, Dehradun from 30.09.2010 to 03.12.2012.
- Worked as a Lecturer on Contractual Basis in Chemistry Department at D.S.B. Campus, Kumaon University, Nainital from 2008 to 2010.
- Having 6 years experience of Teaching Chemistry to Class XI and XII at B.S.S.V. Inter College Nainital from 2002 to 2008.
- One year experience of Teaching Chemistry classes Civil, Mechanical, Electrical, Electronics and D.Pharma at Govt. Polytechnic Nainital from 2001 to 2002.

TEACHING EXPERIENCE

P.G. Classes : 13 years (2008-10=2 years & 2012-22 = 11 years)

U.G. Classes : 17 years (2008-2024 = 17 years)

INDUSTRIAL EXPERIENCE

- Worked as a Chemist in R&D at Rajdoot Paints Ltd., Sikandrabad (U.P.) from 21 April 1997 to 1998.
- Worked as an Operation Crew at Wimpy International Ltd. Faridabad from 1998 to 1999.

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PAPER PUBLISHED IN NATIONAL / INTERNATIONAL JOURNALS
(Published : 09 / Communicated : 04)

1. Physico-Chemical Characteristics study in the Bhimtal Lake of Nainital (Uttarakhand) published in IOSR Journal of Applied Chemistry (IOSR-JAC). eISSN : 2278-5736 Volume 9, Issue 2 Ver. II(Feb 2016), PP 46-54.
2. Physico-Chemical Characteristics Study in the Khurpatal Lake of Nainital Region (Uttarakhand). Published in International Journal of Research in Technology and Management (IJRTM) ISSN2454-6240. www.ejrtm.com
3. In-Silico Structural and Functional Analysis of At5g01610 Hypothetical Protein Published in "Biochemical and Cellular Archives : Vol. 21, No. , pp. 1847-1852, 1. April 2021, ISSN 0972-5075, Part-II eISSN 0976-1772.
4. In Silico Finding of Three Dimensional Structure At5g01610 ARAB100PSIS THALIANA BY HOMOLOGY MODELLING Published in Bio Chemical and Cellular Archives : Vol. 21, No. 1, pp. 1877-1881. 2021, ISSN 0972-5075, eISSN 0976-1772.
5. Assessment of Physico-Chemical Properties of Edible oils after Deep Carbohydrates Frying Puran Singh Khati[a], Jyoti Pandey [b] and Nikunj Bhardwaj [c] Published in UTTAR PRADESH JOURNAL OF ZOOLOGY Vol. 42(24): 1227-1234. 2021 ISSN : 0256-971X (P)
6. Aluminium contamination of Food During preparation in Aluminium Cookware. Puran Singh Khati[a], Jyoti Pandey[b] and Nikunj Bhardwaj[c] Published in UTTAR PRADESH JOURNAL OF ZOOLOGY Vol. 42(23): 284-288. 2021 ISSN : 0256-971X (P)
7. Innovative Research on Green Chemistry and the Growing Concern over Chemical Pollution. Published in Industrial Engineering Journal ISSN : 0970-2555 Volume : VI Page No. 1777-1788, Issue 12 December 2023.
8. Long term changes in Physico – Chemical Parameters of Central Himalaya, District Nainital (SATTAL LAKE) in Biochem Cell Arch 25 February 2024 Vol. 24, No. 1, pp. 0000-0000, 2024, ISSN 0972-5075, CISSN 0976-1772
9. Plackett-Burman Design for Screening Media Components for Alkaline Protease Production from Bacillus Lichemiformis Through submerged

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Fermentation". Published in International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS), April 2024, 13(4):1913-1922, ISSN : 2277-4998.

10. Optical and electrochemical analysis of nitrogen-doped carbon quantum dots from Moosa balbeesiaana peels for advanced super capacitor applications. Published by Elsevier Ltd. 19 July 2024 Carbon Trends 16 (2024) 100381.
11. Hydrothermal synthesis of Nitrogen doped CQDS of RUBUS Niveus leaves for fluorescent pH sensing and photocatalytic applications.
12. Exploring the Antibacterial potential and phytochemical composition of Methanolic Leaf Extracts from Catharanthus Roscus, Saraca Indica, Psidium Gua-Java and Bryophyllum Pinnatum. Published in Journal of Experimental Zoology, India Vol. 28, No 1. January 2025.
13. Potential of Calliandra Haematocephala leaves in combating Multi-Drug resistant Bacteria, A pharmacognostical and phytochemical evaluation. Published in Journal of Experimental Zoology, India Vol. 28, No. 1, January 2025.

BOOK PUBLISHED : 01

ISBN 978-81-948859-2-4
AUTHOR : DR. PURAN SINGH KHATI
TITLE OF THE BOOK : POLLUTANT DYNAMICS IN SOME OF THE LAKES OF NAINITAL.

PATENT FILED / GRANTED

1. "A Novel Brain Control Head Set WHEEL CHAIR AUTOMATION SYSTEM FOR DISABLE CHILDREN".
   Official Application No. : 21/01/2022/07203
2. A Novel sustainable water purification system portable device with TDS Measuring display and controller.
   Application No. : 367510-001
   Cbr No. : 203652 Dated : 10/07/2022

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CONFERENCE/SYMPOSIA AND WORKSHOP

Total Attended (Offline) : 23

Total Attended (Online) : 04

ORIENTATION PROGRAMME / REFRESHER COURSE / TRAINING PROGRAMME ATTENDED

- A 4 week Induction/Orientation Programme for Faculty in Universities / Colleges / Institutes of Higher Education from June 26, 2020 to July 24, 2020 and obtained grade 'A+'
- Online Inter disciplinary subject Refresher Course in Learning outcomes and Educational Reform-Pedagogy, Assessment and quality Assurance from 18 November 2020 to 02 December 2020 organized by UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh and obtained grade 'A'.
- Online short term Training Programme on 'Resource, Time & Stress Management' (with special reference to NEP-2020) for the teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during February 22-28, 2022 under the PMMMNMTT Scheme of MoE, Govt. of India.
- Online short term Training Programme on "Curriculum Development with special Reference to NEP-2020" for the teachers of Universities and Colleges organized by Faculty Development Centre, HNB Garhwal University during April 07-13, 2022 under the PMMMNMTT Scheme, MoE, Govt. of India.
- Two week online Faculty Development Program on "The role of ICT in the Development of Massive open online Courses (MOOCs) in Higher Education" from August 14-August 28, 2020. Obtained Grade A+.
- EVS and Sustainable Development (ID) from 09.09.2024 to 25.09.2024 organized by Dr. Baba Saheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar-431004, Maharashtra (India) NAAC Reaccredited with "A" Grade, sponsored by UGC Malaviya Mission Teacher Training Centre (MMTTC) obtained Grade A.

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PROFESSIONAL QUALIFICATION

Having Basic knowledge of Computer & Internet.

LANGUAGES KNOWN

Hindi, English, Kumaoni

DECLARATION

I hereby declare that the information given above are true and correct to the best of my knowledge and belief.

Date :

Place :

[DR. PURAN SINGH KHATI]

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