

CURRICULUM VITAE



NAME :DR BASANT KUMAR
DESIGNATION :ASSISTANT PROFESSOR
DEPARTMENT :CHEMISTRY
SPECIALIZATION :INORGANIC CHEMISTRY
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BLOOD GROUP :B+

QUALIFICATION DETAILS

S.NO	QUALIFICATION	NAME OF UNIVERSITY	PASSING YEAR
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1	PHD	LUCKNOW UNIVERSITY	2013
2	M.Sc. / M.A.	LUCKNOW UNIVERSITY	2006
3	B.Sc. / B.A.	LUCKNOW UNIVERSITY	2004

POSITIONS HELD

S.NO	EMPLOYER	DESIGNATION	DATE FROM	DATE TO
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1	MLK PG COLLEGE BALRAMPUR	ASSISTANT PROFESSOR	25.03.2019	Till DATE
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ACADEMIC DETAILS

Significant Publications and Articles

S.No	Article Title	Name of Journal/ Publication	Year of Publication	Page No	Referred or otherwise
1	Catalytic ligand exchange reaction between hexacyanoferrate(II) and 4-cyanopyridine applied to trace kinetic analysis of palladium(II)	Microchemical Journal/Elsevier B.V	22-09-2015	82-88	Yes/ Peer Reviewed
2	Kinetic assay of D-Penicillamine in pure and pharmaceutical formulations based on ligand substitution reaction	Microchemical Journal/Elsevier B.V	25-07-2013	97-102	Yes/ Peer Reviewed
3	Ligand substitution kinetic assay of antitubercular drug isoniazid in pure and pharmaceutical formulation	Microchemical Journal/ Elsevier B.V	25-07-2013	108-115	Yes / Peer Reviewed
4	Kinetic spectrophotometric method for trace determination of thiocyanate based on its inhibitory effect	Spectrochimica Acta part A ,Elsevier B.V.	31-12-2009	1152 - 1158	Yes/ Peer Reviewed
5	Kinetics and Mechanism of Formation of [Fe(CN) ₅ D-PA] ₃ by Ligand Substitution Reaction in the Presence of Surfactant Micelle in Acidic Media	Journal of Dispersion science and Technology, Taylor & Francis	30-04-2012	647-653	Yes/ Peer Reviewed
6	Kinetics and mechanism of formation of [Fe(CN) ₅ INH] ₃ by ligand substitution in acidic media (INH ¼ isoniazid)	Progress in Reaction Kinetics and Mechanism/Science Reviews 2000 Ltd	20-03-2012	291-300	Yes/ Peer Reviewed
7	The palladium(II)-catalysed ligand exchange between hexacyanoferrate(II) and 4-cyanopyridine in aqueous acidic medium	Progress in Reaction Kinetics and Mechanism/Science Reviews 2000 Ltd	29-03-2012	147-160	Yes/ Peer Reviewed
8	Kinetics of the Mercury(II)-Catalyzed Substitution of Coordinated Cyanide Ion in Hexacyanoruthenate(II) by Nitroso-R-Salt	International Journal of chemical kinetics /Wiley InterScience (www.interscience.wiley.com)	30-04-2009	215-226	Yes/ Peer Reviewed
9	Silver(I)-catalysed abstraction of coordinated cyanide in hexacyanoferrate(II) by Dpenicillamine in aqueous medium	Indian Journal of Chemical Technology	27-07-2012	250-256	Yes/ Peer Reviewed
10	Kinetics and Mechanism of Oxidation of Hexamethylenediaminetetraacetatocobaltate(II) Complex by Periodate Ion in Aqueous Medium	E-Journal of Chemistry 2010, 7(S1), S391-S399	12-04-2009	391-399	Yes / Peer Reviewed
11.	Medicinal applications of Transition metals and some Platinum (II)based anti-cancer drugs	International Journal of Emerging Technologies and Innovative Research, December2021, volume 8, Issue 12	2021	b497 - b505	Yes / Peer Reviewed/ Refereed/
12.	Current Ambient Air Quality and Weather scenario in National Capital Region (Delhi) India	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 9, Issue 12, December-2021	2021	2612 - 2624	Yes / Peer Reviewed/ Refereed/

Conferences, Seminars, Workshops & Talks

Name of the Seminar/Conferences/Symposia/Workshop etc./Name of sponsoring Agency/Place and Date

1.FIVE DAYS FACULTY DEVELOPMENT PROGRAMMES ON MOODLE LEARNING MANAGEMENT SYSTEM ORGANISED BY DR RMLAU, TRAINING OFFERED BY SPOKEN TUTORIAL PROJECT IIT BOMBAY, FUNDRED BY THE NATIONAL MISSION ON EDUCATION THROUGH ICT, MHRD, GOVT OF INDIA,10-14/07/2020, ONLINE MODE

2. FIVE DAYS FACULTY DEVELOPMENT PROGRAMMES ON E CONTENT CREATION FOR MOOCS AND MOODLE ORGANISED BY INSTITUTE OF ENGINEERING AND TECHNOLOGY, DRMLAU, AYODHYA IN ASSOCIATION WITH IIT BOMBAY SPOKEN TUTORIAL ,10-14/07/2020

1. NATIONAL WEBINAR ON ORGANISMIC INTERRELATIONSHIP: RECENT FRONTIERS IN BIOLOGICAL SCIENCES ORGANISED BY BSNV PG COLLEGE (KKV) LUCKNOW), 29/08/20, ONLINE MODE
2. VIRTUAL INTERNATIONAL CONFERENCE ON SURFACE CHEMISTRY SUCH-2020 ORGANISED BY DEPARTMENT OF CHEMISTRY ANNAMALAI UNIVERSITY 27-28/08/2020, ONLINE MODE
3. ONE DAY WORKSHOP ON, SIKHANE KE LIYE SARVOTTAM VATAVARAN EVAM CHHATRO KA SAHYOG, ORGANISED BY SHIVPATI PG COLLEGE SHOHRATGARH, DIST SIDDHARTH NAGAR,31/08/2020, ONLINE MODE
4. THREE DAYS WORKSHOP ON FUTURE RESTRUCTURING THROUGH INNOVATION ORGANISED BY PLACEMENT AND SOFT SKILL DEVELOPMENT CELL, RMLAU AYODHYA IN ASSOCIATION WITH VIGYAN BHARTI(VIBHA) AVADH PRANT ,12-14/08/2020, ONLINE MODE
5. ONE DAY WEBINAR ON MENTAL HEALTH ISSUES IN PRESENT SCENARIO, ORGANISED BY INSTITUTE FOR EXCELLENCE IN HIGHER EDUCATION (IEHE), BHOPAL,20/08/2020, ONLINE MODE
6. NATIONAL WEBINAR ON MIGRATION AND ADAPTATION STRATEGIES FOR ALLEVIATING IMPACT OF CLIMATE CHANGE ON FOOD SECURITY, ORGANISED BY BSNV PG COLLEGE (KKV) LUCKNOW), 25/08/20, ONLINE MODE
7. RELEVANCE ON NATIONAL EDUCATION POLICY 2020 IN PRESENT SCENARIO, ORGANISED BY MLK PG COLLEGE BALRAMPUR ,29-30/08/2020, ONLINE MODE
8. ONE DAY INTERNATIONAL WEBINAR ON INTERDISCIPLINARY APPROACHES ON MATHCHEM ORGANISED BY FACULTY OF SCIENCE, DEPARTMENT OF CHEMISTRY AND MATHEMATICS IN ASSOCIATION WITH ARUNAI INTERNATIONAL RESEARCH FOUNDATION, ANNAMALAI UNIVERSITY ,07/07/2020, ONLINE MODE
9. INTERNATIONAL WEBINAR ON ADVANCES IN CHEMICAL AND MATERIAL SCIENCES (IACM -2020) ORGANISED BY DEPARTMENT OF CHEMISTRY AND ASSOCIATION OF CHEMISTRY TEACHERS(ACT) BOMBAY, ANNAMALAI UNIVERSITY,20/08/2020, ONLINE MODE
10. NATIONAL WEBINAR ON GREEN ENERGY AND ENVIRONMENT ORGANISED BY FACULTY OF ENGINEERING AND TECHNOLOGY, CHEMISTRY SECTION, ANNAMALAI UNIVERSITY,28/07/2020 ONLINE MODE

11. NATIONAL WEBINAR ON EMERGING TRENDS AND APPLICATION OF NANO MATERIAL IN CHEMISTRY ORGANISED BY DEPARTMENT OF CHEMISTRY, GOVT PIHRI PG COLLEGE CHIRIMIRY, KORIYA, C.G.,18/07/2020, ONLINE MODE
12. NATIONAL WEBINAR ON COVID -19: ENVIRONMENT AND SOCIETY ORGANISED BY RANVIR RANANJAY PG COLLEGE AMETHI UP ,15/06/2020, ONLINE MODE
13. INTERNATIONAL VIRTUAL CONFERENCE ON MODERN INSTRUMENTATIONAL CHARECTERISATION TECHNIQUES IN APPLIED SCIENCES-2020(MICTAS-2020) ORGANISED BY MIET KUMAON AND UTTRAKHAND SCIENCE EDUCATION AND RESEARCH CENTRE (U-SERC),5-6/07/2020, ONLINE MODE
14. NATIONAL WEBINAR ON RECENT TRENDS ON ENVIRONMENT, HEALTH AND TECHNOLOGY ORGANISED BY DEPARTMENT OF CIVIL ENGNEERING, MANGALATAN UNIVERSITY,14/07/2020
15. INTERNATIONAL WEBINAR ON MATERIAL SYNTHESIS AND CHARECRARISITATION (IWMSC-2020) ORGANISED BY DRRMLAU, AYODHYA AND FLORIDA POLYTECHNIC UNIVERSITY, LAKELAND FLORIDA, USA ,11-13/07/2020 ONLINE MODE
16. NATIONAL SEMINAR ON PROSPECTS OF SCIENCE AND SOCIETY IN THE ERA OF AI, NSPSSEAI-2020, AIM 20 ARTIFICIAL INTELIGENCE MAHOTSAV, ORGANISED BY BSNV PG COLLEGE (KKV) LUCKNOW), 03-04/03/20.
17. NATIONAL SEMINAR ON CONSUMERISM, SOCIAL EQUALITY AND SUSTAINABILITY NSCSEES-2019, ORGANISED BY BSNV PG COLLEGE (KKV) LUCKNOW), 20-21/12/19.
18. NATIONAL SEMINAR ON BIODIVERSITY AND DEVELOPMENT: CHALLENGES OF 21ST CENTURY ORGANISED BY MLK PG COLLEGE BALRAMPUR,24-25/11/2019
19. NATIONAL SEMINAR ON APPLICATION OF ELEMENTS ON PERIODIC TABLE IN NATURAL SCIENCES ORGANISED BY CHRIST CHURCH COLLEGE KANPUR,14-15/11/2019
20. NATIONAL SEMINAR ON FOOD CHEMISTRY, PROCESSED FOODAND TAXICOLOGY ORGANISED BY DEPARTMENT OF CHEMISTRY, DAV COLLEGE KANPUR,25-26/09/2019
21. NATIONAL SEMINAR ON WASTE MANEGMENT: ROLE OF CHEMISTRY, ORGANISED BY DEPARTMENT OF CHEMISTRY, DAV COLLEGE KANPUR,22-23/01/2020

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24. 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from September 01- September 30, 2020 and obtained a grade A+ Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

25. International Webinar on Recent advances in applied sciences organised by Department of Chemistry Annamalai University dated on 30 sept 2020.

26. 2020 11, 2020
2020 11, 2020

27. participated in "Online Geology E-Quiz contest" on the occasion of "Earth Science Week 2020" organized by Department of Geology, Sant Gadge Baba Amravati University, Amravati and Department of Geology, Bharatiya Mahavidyalaya, Amravati conducted during 16 October 2020.

28. participated in "Online One Day Lecture Series" on the occasion of "Earth Science Week 2020" organized by Department of Geology, Sant Gadge Baba Amravati University, Amravati and Department of Geology, Bharatiya Mahavidyalaya, Amravati conducted during 16 October 2020.

29. successfully completed a 2-Week Faculty Development Programme on "RESEARCH METHODOLOGY" from October 01- October 15, 2020 and obtained a grade A+ organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.

30. participated in webinar on matribhasha me kshiksha national education policy 2020 organised by kshisha sanskriti uttyan nayas and research foundation of india dated on 1st November 2020

31. successfully completed one week Faculty Development Program on "ADVANCED PEDAGOGICAL TECHNIQUES" from October 29 - November 05, 2020 and obtained a grade A+ organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.

32. Completed 7 days National workshop on ayurved ki dristhi se aadhunic kal mein dhanvantri swasthya ki upyukttya datrd on 18-24 January 2021 organised by post graduate Sanskrit department Rastrasant tukdosi maharaj Nagpur Vidyapeeth.

33.Participated in two days international E- Sangosthi on parivartanonmukhi vishva vyastha aur Bharat dated on 16-17 august 2020 organised by Bhartiya shikhsan mandal goraksha prant.

34. successfully completed a 2-Week Refresher course on "Data analysis with statistical methods" from 21 december23020 to 3 January 2021 organised by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING

35.International conference on Chemistry for health, hygiene and environment ICCHHE-2022 01/03/2022 at Navyuga kanya mahavidyalaya, Lucknow.

Academic / Administrative Services to the College / University

1. *Member women anti sexual harassment cell*

2.*Member Admission Committee*

3. **Member Grievance redressal cell**

4. **Member Carrier counselling and placement cell**

5.**Member anti ragging cell**

6.**Menber Board of studies UG and PG level at Siddharth university**

7.**Incharge Departmental Library**

8.**Incharge Departmental activities**

Research Guidance

S.NO	NAME OF RESEARCH SCHOLAR	TOPIC	STATUS / YEAR
1	Raj Kumar Bind	Spectrophotometric estimation of some important species	Current/2022