

## Resume of Dr. NARENDAR BHOJAK

Associate Professor , GCRC, P.G. Department of Chemistry,  
Govt Dungar College ( Three times consecutively 'A' Grade by NAAC-UGC), Bikaner  
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### ACADEMIC

1. **Ph.D.** (Delhi University) 1997 under Prof. B.S. Garg
2. **M.Phil** (Delhi University) 1993 under Prof. A.C. Jain
3. **M.Sc.** (Univ. of Rajasthan, Jaipur) Throughout first class
4. **NET- JRF** (CSIR-UGC) 1993 Qualified

### RESEARCH PUBLICATIONS

1. **Eighty Three papers** Published; **27** are in **Good Impact Factor** journals
2. **Five books** Published
3. **Three Patents** In Process (two published)
4. **Sixty five papers** Presented in conferences (Invited Talk)

### RESEARCH and TEACHING EXPERIENCE

1. Twenty Four Years teaching (Courses: Inorganic, Analytical, Bio Inorganic, Green Chemistry, Commercial Polymers for UG and PG students)
2. **Twenty six students** has completed M. Phil
3. Five students are working for Ph.D.
4. **17 students** has completed Ph.D. (Including the First Ph.D. scholar of Bikaner University in chemistry)
5. Member BOS MGS University Bikaner.
6. External Member BTU and Academic Council RNB Global University.
7. Member Research Committee, Editorial board and Referee for five Journals
8. Delivered Sixty five Invited Lectures in National Conferences/Refresher courses (Fifteen in International)

### ACADEMIC EXCELLENCE / UPLIFTMENT WORKS

1. Organized (as Convenor) first National conference in chemistry of Govt Dungar college Bikaner as Convener -2008
2. Organized (as Co-Convenor) first International conference of MGS University Bikaner as Co-Convener -2011
3. Organized (as Convenor) Two workshops on Food Chemistry and Technology - 2012 & 2013
4. Worked as Sectional Convener during ISCA and chaired sessions in various conferences -2014
5. Organized (as Coordinator) National workshops on Instrumental Methods of Chemical Analysis - 2016
6. Organized (as Coordinator) First workshops on Start up in Chemical Science – 2017
7. Organized (as Convenor) First International workshops on Green chemistry and technology at Bikaner – 2018
8. Organized (as Coordinator) Five Webinars in June 2020
9. Coordinated State level Online Workshop cum Training Programme Aug 2020 on“E-Contents: Design, Development, Delivery and Response”
10. Coordinated **First Online Faculty Development Program under Gyna Ganga Program in Chemical Sciences Sept 2020**
11. Coordinated **Online Faculty Development Program under Gyna Ganga Program in Chemical Sciences Jan 2021**
12. Coordinated MGNCRE WORKSHOP on 'Psycho-social skills of a Good Helper: Tackling the COVID pandemic' June 2021
13. Organized (as Coordinator) International Websymposium on Camel & Disease Control on 22.06.2021
14. Coordinating GyanDoot Chemistry since 9.06.2021

## RESEARCH AREA

- Green Chemistry
- Food and Drug Analysis
- Bio Inorganic Chemistry

## AWARDS

1. *Young Scientist Award (1996)* during International Conference on Molecular Association (ICMA – 96).
2. *Best Research Paper Presenter Award*
2. NET (CSIR – UGC) - JRF Qualified.
3. Selected for JRF and SRF of **Centre For Advanced Studies (CAS)** at Delhi University.
4. **Chemi Chronicle Award** (1995)
5. Selected as *Eminent Speaker* during SCI Mumbai
6. Fourteen best poster / paper awards (Ten in National conference and Four in international)
7. *Guest of Honour* during International conference on Basic Science in Ayurvedic system at BHU 2014
8. *First Prize* during CM visit Suraz Yatra 2016
9. *First Prize* during Edu excellence 2018
10. Selected for **Newton-Bhabha** Fellowship and Indo-UK Project 2019

## RESEARCH PRESENTATIONS ABROAD

1. Washington DC (USA) (2007)  
During Green Chemistry and Engineering conference of American Chemical Society
2. Abu Dhabi
3. Austria
4. Kathmandu & Dhulikhel (Nepal)

## RESEARCH SCORES

Google citation – 757

h index – 13

RG score – 24

Publications in – **Talanta**, **Fibers and Polymers**, **Spectrochim Acta (A)**, **Microchemical Journal**, **Transition metal chemistry**, Ind. J. of chemistry (A), Journal of Inorganic Biochemistry, E journal of chemistry, Int. J. Chem. Sci., Oriental J. Chem, **World J of pharm.**, Acta Ciencia Indica, **Biosciences Biotechnology Research Asia**, Global Journal of Inorganic Chemistry etc.

## CONTRIBUTION TOWARDS INNOVATIONS

1. Prepared Twelve Science Films four were presented and Nominated for award during 6<sup>th</sup> National science film festival at Mumbai. One science movie awarded **special Jury Award during IISF 2019** at Kolkata
2. Prepared sets of experiments under **learning by doing** project
3. Worked for e-magazine **Chemlore** for the development of students and a multi faculty research journal
4. Developed **Micellar technology** for extraction and nanoparticle preparation
5. Developed low cost **Green Microwave Biochemical Reactor** (GMBR) at GCRC, Govt Dungar College Bikaner
6. Developed first **Smart Science Lab** of Rajasthan at Bikaner.
7. Developed and established Two **Laboratory waste water neutralization** plants
8. Developed the Process of **Green Auditing** for Govt Colleges of Rajasthan
9. Developed Green Sanitizer (Alcohol and Non alcohol based) in March 2020
10. Developing AR and VR based simple experiments.
11. Worked as IQAC member, BIRC founder and NAAC committee member during all three NAAC peer team visits at Govt Dungar College Bikaner