

BARASAT GOVERNMENT COLLEGE

TEACHER'S PROFILE



DR NARAYAN CHANDRA BAR, DEPARTMENT OF CHEMISTRY

- **DESIGNATION** : Associate Professor
- **QUALIFICATION** : M.Sc., Ph.D.
- **DATE OF JOINING THE SERVICE** : Aug 7, 1998
- **DATE OF JOINING THE INSTITUTION** : Mar 7, 2019
- **ADDRESS FOR COMMUNICATION** : PC-111/1 Arjun Complex, Arjunpur (W), PS- Baguihati, Kolkata-700059.
- **PHONE NO** : 8697507737
- **EMAIL ADDRESS** : ncbar70@gmail.com
- **SPECIALIZATION** : Organic Chemistry
- **TEACHING EXPERIENCE** : UG (Hons and General) Course on and from July 1997 and PG course since 2009 till date
- **COLLEGE SERVED** :
1. RIE (NCERT) Ajmer, Rajasthan 17-07-1997 to 31-07-1998
2. Darjeeling Govt. College: 07-08-1998 to 13-11-2002
3. Taki Govt. College: 15-11-2002 to 22-06-2009
4. Bidhannagar College: 23-06-2009 to 06-03-2019
5. Barasat Govt. College: 07-03-2019 to till date

➤ ACADEMIC AND ADMINISTRATIVE EXPERIENCE	: Academic Experience: more than 24 Years As Organic Chemistry Teacher and Administrative Experience: (i) Head of the Department about 3 years and as Officer in- Charge 1.5 years at Taki Govt. College
➤ TOPICS TAUGHT	: UG (Hons and General) whole syllabus of Organic Chemistry and in PG Syllabus- Advanced Hetero Cyclic Chemistry
➤ AREA OF RESEARCH & INTEREST	: Synthetic Organic Chemistry and Synthetic studies of Carbocyclic Nucleosides
➤ ONGOING PROJECT DETAILS	: NONE
➤ AWARD RECEIVED	: NONE
➤ PATENT DETAILS	: NONE
➤ EXTRACURRICULAR ACTIVITIES	: NONE
➤ CAREER PROFILE	: B.Sc. Hons in Chemistry (1988-1991) and M.Sc. (Organic Chemistry Special) (1991-1993) from Vidyasagar University, Ph.D. (1999) from Jadavpur University.
➤ ACADEMIC LINK	: N/A

PUBLICATION

JOURNAL PUBLICATION :

- (1) A. Roy, K. Chakrabarty, P.K. Dutta, Narayan C Bar, N. Basu, B. Achari, S.B. Mandal,, '(6) "Chiral Carbocyclic Nucleosides from D-glucose: Enantiodivergent synthesis and One-pot entry of Dimethylamino Functionality in the Purine rings"', Journal of Organic Chemistry,, 1999, 64, 2304-2309., Impact Factor: 4.354
- (2) A. Roy, Narayan C Bar, B. Achari, S.B. Mandal, 'The influence of α -amido/thiamido functionality in ester reduction with sodium borohydride', Indian Journal of Chemistry B,, 1998, 37B, 644-650., I F: 0.592
- (3) Narayan C Bar, A. Roy, B. Achari, S.B. Mandal, 'Application of Intramolecular Nitrone Cyclo addition Reaction: Synthesis of Chiral Aminocarbocycles and Carbocyclic Nucleosides from Carbohydrate Precursors', Journal of Organic Chemistry, 1997, 62: 8948-8951, IF: 4.354 (2021)
- (4) Narayan C Bar, R. Patra, B. Achari, S.B. Mandal, 'An Entry to Unusual Classes of Nucleoside Analogues.', Tetrahedron, 1997, 53: 4727-4738., IF: 2.457 (2021)
- (5) Narayan C Bar, A. Roy, R. Patra, B. Achari, S.B. Mandal, 'Solvent and salt Dependent 1,3-Dipolar Cycloaddition: Synthesis of Iso oxazolidino-and Isooxazolino- Carbocycles.', Indian Journal of Chemistry, B, 1997, 36B: 275-277., IF: 0.592 (2021)
- (6) R. Patra, Narayan C Bar, A.Roy, B. Achari, N. Ghoshal, S.B. Mandal, 'A Simple Route to Optically active, Functionalized Five-, Six- and Seven- Membered Carbocyclic Derivatives', Tetrahedron, 1996, 52: 11265-11272, IF: 2.457 (2021)



BOOK PUBLICATION

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