

Dr. Ram N Yadav

(Assistant Professor)



Dr. Ram N. Yadav
M.Sc., Ph.D



Current Address

Department of Chemistry
Faculty of Engineering & Technology
Veer Bahadur Singh Purvanchal
University Jaunpur-222003 (UP)
INDIA



Residential Address

H.No.: 1037, Avas Vikas Colony
B-Block
Unnao-209801 (UP) INDIA

PROFILE

Proven exceptional teaching record in a classroom setting; experience in supervision of high school students, college students, Creative, well-organized, and strong problem solver; excellent written and oral communication skills as demonstrated through creative contributions; Ability to thrive in a dynamic and team-oriented teaching setting; competent in planning and overseeing multiple education/training programs.

PROFESSIONAL EXPERIENCE:

- 2016- Present :** **Assistant Professor**
Department of Chemistry, Faculty of Engineering & Technology, Veer Bahadur Singh Purvanchal University, Jaunpur-222003 (UP) INDIA
- 2015 - 2016 :** **Principal & Head Department of Chemistry**
RSRN, Shikshan Sankul, Gorakhpur-273402, (U.P.) INDIA.
- 2014 - 2015 :** **Research Scientist**
[Organic Synthesis Division]
TCG Life Sciences, Ltd., Salt Lake, Kolkata-700032, (W.B) INDIA.
- 2006 - 2007 :** **Project Associate**
Department of Chemistry, Indian Institute of Technology, Kanpur-208016 (UP) INDIA.
- 2000-2003 :** **PGT Lecturer**
MBM Inter College, Lucknow-226024 (U.P) INDIA.

Education

- 2011 – 2014 :** **Post-Doctoral Research Associate**
Department of Chemistry
School of Science & Mathematics
University of Texas, University Drive, Edinburg, TX – 78541, USA.
- 2007 – 2011 :** **Doctor of Philosophy (Ph.D.) in Science**
Topics entitled: *“Synthesis of Carbocyclic Compounds related to Natural Products”*

Indian Association for the Cultivation of Science, Jadavpur, Kolkata-700032 (W.B) INDIA.

- 2003 – 2006 : **Master of Technology (M.Tech.)**
[Biotechnology]
 Institute of Engineering & Technology,
 Lucknow- 232001
- 1998 – 2000 : **Master of Science (M.Sc.)**
[Organic Chemistry]
 Dr. Ram Manohar Lohia, Avadh, University,
 Faizabad-224001
- 1994-1998 : **Bachelor of Science (B.Sc.).**
[Zoology, Botany, Chemistry]
 Dr. Ram Manohar Lohia, Avadh, University,
 Faizabad-224001

HONORS & FELLOWSHIP

- 2004 & 2005 : **National Eligibility Test (NET)**
 Subject: CHEMICAL SCIENCE
 UGC-CSIR, New Delhi.
- 2002 & 2003 : **Graduate Aptitude Test for Engineering (GATE)**
 MHRD-IIT, Bombay & IISc, Bangalore
(93.5 percentile)
- 2009-2011 : **Senior Research Fellowship**
 Council of Scientific & Industrial Research (CSIR),
 New Delhi-110012
- 2011- 2014 : **Kleberg Foundation**
 United State of America (USA)
- 2014- 2016 : **University Grant Commission Fellowship**
 Wits Johann's Burgs South Africa (not availed).

RESEARCH EXPERIENCE:

- 2006 – 2007 : **Project Associate**
 Department of Chemistry, Indian Institute of
 Technology, Kanpur-208016, Uttar Pradesh,
 India.
Research Topics: Synthesis of Library of small
 Heterocyclic scaffold of biological interest.
Principal Investigator: Prof H.Illa

- 2007 – 2009 :** **Funding Agencies:** AstraZeneca Pvt. Ltd, Bengaluru, India
Junior Research Fellow
 Department of Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Kolkata-700032, W.B India.
Research Topics: Synthesis & Characterization of Oxa-cyclic Terpenes Natural Products.
Principal Investigator: Prof. Subrata Ghosh
Funding Agencies: Council of Scientific & Industrial Research, New Delhi-110012 and Department of Science & Technology, MHRD, India
Research Area: Synthetic Organic Chemistry.
- 2009-2011 :** **Senior Research Fellow**
 Department of Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Kolkata- 700032, W.B, India.
Research Topics: Synthesis & Characterization of Carbocyclic compounds related to Natural Products.
Principal Investigator: Prof. Subrata Ghosh
Funding Agencies: Council of Scientific & Industrial Research, New Delhi-110012, India
- 2011 – 2014 :** **Post- Doctoral Research Associate**
 Department of Chemistry, School of Science & Mathematics, University of Texas, Edinburg TX-78541, USA.
Research Topics: Synthesis & Characterization of N-Heterocyclic and Anti-cancer β -lactams.
Research Adviser: Prof. Bimal K. Banik

TEACHING EXPERIENCE

- 2016-PRESENT^{''}** **Engineering Chemistry:**
 For B.Tech Students.
 Polymer Science & Technology
 Environment & Ecology
 Lab. Demonstration
- 2015-2016 :** **Chemistry (Physical, Inorganic & Organic)**

For 10+2, CBSE, Board, New Delhi-110012.

- 2012 – 2014** : **PG:** Synthetic Organic Chemistry
UG: General & Advanced Organic Chemistry University of Texas, USA. Supervised and assisted students with a multistep synthesis of compounds designed to teach chem-problem I and II at the University of Texas, TX-78541, USA.

Professional/Editorial Board Member

1. Member of American Chemical Society
2. Editorial Board Member of Current Microwave Chemistry

National Conference

1. Ram Naresh Yadav, Chanchal K. Maillk and Subrata Ghosh “*Chiral Pool Approach to Asymmetric Synthesis of Densely Functionalized Linearly arrayed Tricyclic Ring Systems*” in the *Fourth Junior National Organic Symposium Trust (J-NOST)*”, December 6-9, 2008, Department of Organic Chemistry, Madurai Kamaraj University, Madurai 625 021, Tamilnadu, India.
2. Ram Naresh Yadav, Sujit Mondal and Subrata Ghosh “*Unprecedented Cu (I) Catalysed Photochemical Reactions in Diethyl Ether. Transformation of vicinal diols, their Corresponding Acetonides and Epoxides to Acetals of Acetaldehyde*” in the “*International Symposium on Organic Chemistry: Trends in 21st Century*”, December 10-12, 2009, Department of Organic Chemistry, Indian Association for the Cultivation of Science, Jadavpur, Kolkata 700 032, West Bengal, India.
3. Ram Naresh Yadav, Sujit Mondal, and Subrata Ghosh – “*IMDA Approach to the Synthesis of Natural Products with Bicyclo [4.4.0] and [4.3.0] Ring Systems. Total Syntheses of Arteannuin M and epi-Arteannuin M*” in the “*1st CRSI Zonal Meet*”, May 13&14, 2011, NCL, Pune, India.

International Conference

1. Ram Naresh Yadav, sunena Chandra, and Bimal K . Banik – “*Catalytic effects of indium salt on O & S-glycosylation of bromo sugar. A one-pot approach for the synthesis of a chiral acid*” in the “*247th American Chemical Society National Meeting Dallas, TX*”, March 16-20, 2014, Department of chemistry, University of Texas-Pan American, Edinburg, TX, U.S.A.

2. Ram Naresh Yadav, Armando Paniagua Sunena Chandra, and Bimal K Banik- "*In (III)- catalyzed glycosylation of 1,2-anhydrosugar with 3- amino azitedinones*" in the "247th American Chemical Society National Meeting, Dallas, TX", March 16-20, 2014, Department of Chemistry, University of Texas-Pan American, Edinburg TX, U.S.A.
3. Ram Naresh Yadav, Sunena Chandra, and Bimal K. Banik- "*A Tandem Michael-Henry Reaction in β -lactam Template: A versatile route to the synthesis of optically active spirocyclic β -lactams*" in the "248th American Chemical Society National Meeting, San Francisco, CA", August 10-14, 2014, Department of Chemistry, University of Texas-Pan American, Edinburg, TX, U.S.A.
4. Ram Naresh Yadav, Sunena Chandra, Lohany Garcia, and Bimal K. Banik- "*A Facile Synthesis of β -lactam Derived from Carbohydrates Derivatives through Cycloaddition Reaction*" in the "248th American Chemical Society National Meeting, San Francisco, CA", August 10-14, 2014, Department of Chemistry, University of Texas-Pan American, Edinburg, TX, U.S.A.

International Publication

1. "Synthesis of Cyclic Systems Containing Medium-Sized Rings through Tandem ROM-RCM of Norbornene Derivatives Embedded in a Carbohydrate Template" Chanchal K. Malik, Ram Naresh Yadav, M. G. B. Drew, and Subrata Ghosh. *J. Org. Chem.* **2009**, *74*, 1957.
2. "Expedient asymmetric synthesis of a functionalized 5-7-6 fused tricyclic skeleton present in caribenol A through ring opening-ring closing metathesis of a norbornene derivative" Sujit Mondal, Ram Naresh Yadav, Subrata Ghosh. *Tetrahedron Letters* **2009**, *50*, 5277.
3. "Unprecedented copper (I)-catalyzed photochemical reaction of diethyl ether with vicinal diols and ketals" Sujit Mondal, Ram Naresh Yadav, Subrata Ghosh. *Tetrahedron Letters* **2010**, *51*, 4452.
4. An efficient stereoselective route to the construction of tricyclic core structure towards the synthesis of the sesquiterpenes of the seco-prezizaane family" Ram Naresh

- Yadav, Sujit Mondal, Subrata Ghosh. *Tetrahedron Letters* 2011, 52, 1942.
5. Steric vs. electronic effect of remote substituent on Cu(I)-catalyzed [2+2] photocycloaddition reaction. An approach towards the synthesis of tricycloclavulone” Sujit Mondal, Ram Naresh Yadav, Subrata Ghosh. *Organic and Biomolecular Chemistry* 2011, 9, 4903.
 6. “Influence of Diene substituent Position on the Stereochemical Outcome in IMDA Reaction of Decatrienones. Asymmetric synthesis of C10epi-dihydro-epideoxyArteannuin B” Sujit Mondal, Ram Naresh Yadav, Subrata Ghosh. *Org.Lett* 2011, 13, 6078.
 7. An Expeditious Iodine Catalysed Synthesis of β -Pyrrole-substituted 2-Azitiidiones” Debashish Bandyopadhyay, Jessica Cruz, Ram Naresh Yadav, and Bimal K. Banik. *Molecules* 2012, 17 (10), 11570-11584.
 8. “Intramolecular Diels-Alder route to angularly oxygenated hydrindanes. Synthesis of the functionalized bicyclic skeleton present in galiellalactone”, Md. Firoj Hossain, Ram Naresh Yadav, Sujit Mondal, Anupam Jana, Subrata Ghosh. *Tetrahedron* 2013, 69 (37), 7956-7963.
 9. “Bismuth Nitrate catalyzed, Microwave Assisted aza Diels-Alder reaction for the synthesis of aza bicyclo [2.2.2] Octanones Scaffold “Ram Naresh Yadav, Ashwini Bobbala, Bimal K. Banik. *Current Microwave Chemistry VOLUME: 1 ISSUE: 2, 2014, 94-97*
 10. Conventional Teaching VS PowerPoint Presentation: A comparative Study for Undergraduate Organic Chemistry students” Sunena Chandra, Ram Naresh Yadav, Bimal K. Banik *Journal of Bulgarian Science and Education Volume 24 Number 4, 2014*
 11. An expeditious green route toward 2-aryl-4-phenyl-1H-imidazoles. Debasish Bandyopadhyay, Lauren C Smith, Daniel R Garcia, Ram N. Yadav, and Bimal K Banik. *Organic and Medicinal Chemistry Letters* 2014, 4-9
 12. Microwave-Induced Synthesis of Unsubstituted β -Lactams Via Radical-Mediated Reaction” Sunena Chandra, Ram N. Yadav, Laraib Safeer and Bimal K. Banik. *The Chemical Educator Volume 20, 4-5, 2015.*

13. "Indium Salts-Catalyzed O and S-Glycosylation of Bromo Sugar with Benzyl Glycolate: An Unprecedented Hydrogenolysis." Sunena Chandra Ram Naresh Yadav, Armando Paniagua, Bimal K. Banik *Tetrahedron Letters* **2016**, *13*, 1425.
14. Non-Traditional Examination: A Study to Improve Academic and Research Performance of Undergraduate Organic Chemistry Students# Bimal K. Banik, Ram Naresh Yadav and Sunena Chandra *Heterocyclic Letters* vol 7, **2017**
15. "Carbon Dioxide-Mediated Preparation of Pyrroles in Water Following Paal Knorr Method" Ram N Yadav and Bimal K Banik *Heterocyclic Letters* vol7, 893-894, **2017**
16. "Microwave-Induced Bismuth Triiodide- Catalyzed Facile Synthesis of Octahydroxanthenes" Ashlee Chavez, Jessica Cruz, Alexandra Munoz, Ram Naresh Yadav, DebasishBandyopadhyaya and Bimal K. Banik *Heterocyclic Letters* /NO.2/507-511, **2017**
17. "Iodine-Catalyzed Microwave-Induced Multicomponent Aza-Diels Alder [4+2] Cycloaddition Reaction: A Versatile Approach Towards Bicyclo[2,2,2]-Octanones" Ram Naresh Yadav Ashwini Bobbala and Bimal K Banik, *Modern Chemistry & Applications Volume 6 Issue 2*, **2018**
18. "Novel Glycosylation of Aromatic Amines through 1, 2-Anhydrosugars" Ram Naresh Yadav and Bimal K Banik, *Modern Chemistry & Applications Volume 6 Issue 2*, **2018**
19. "Studies on Natural Products: A Facile Epoxidation of Eugenol" Ram Naresh Yadav and Bimal K Banik, *Modern Chemistry & Applications Volume 6 Issue 2*, **2018**
20. "Studies on Substituted Beta Lactams Towards Ring Opening: Elimination Versus Rearrangement" Ram Naresh Yadav, Sardar N. Newaz, Ajay K. Bose and Bimal Krishna Banik, *Modern Chemistry & Applications Volume 6 Issue 2*, **2018**
21. "Microwave-Induced Cycloaddition of Imines with an acid chloride in absence of Tertiary Amine: Unprecedented Synthesis of β -lactam in presence of Dimethylformamide" Ram Naresh Yadav, Ashlee Chavez, and Bimal Krishna Banik* *J. Indian. Chem. Soc;* Vol.95, pp.1365-1367, **2018**.
22. "Microwave Induced Hafnium (V) Chloride mediated self-Coupling of D-Glycal: A simple route to C-(1-3)-Disaccharides" Ram Naresh Yadav, Indrani Banik and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1369-1372, **2018**.

23. "Bismuth Nitrate induced Microwave-mediated Deglycosylation of O-Glycosides: Synthesis of enantiopure 3-hydroxy- β -lactam" Indrani Banik, Ram Naresh Yadav, Fredric F. Becker, and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1373-1373, 2018.
24. "Microwave-Assisted Novel Stereoselective synthesis of bis- β -Lactams with 2,7-Phenanthrenyl imines" Ram Naresh Yadav, Indrani Banik, and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1377-1380, 2018.
25. "Microwave mediated synthesis of 3-unsubstituted β -lactams with aqueous Trimethylborane" Ram Naresh Yadav, Indrani Banik, and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1381-1384, 2018.
26. "Montmorillonite-catalyzed glycosylation of alcohol with Glycals derivatives from Galactose and Glucose under microwave-induced reaction" Ram Naresh Yadav, Indrani Banik, and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1385-1387, 2018.
27. "Optically active 4-Formyl β -lactams: Microwave induced deacetonation-Oxidation" Ram Naresh Yadav, Indrani Banik and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1389-1391, 2018.
28. "Microwave induced Synthesis of Enantiopure β -lactams from L-Glyceraldehyde" Ram Naresh Yadav, Indrani Banik, and Bimal Krishna Banik *J. Indian. Chem. Soc;* Vol.95, pp.1393-1396, 2018.
29. "Molecular Iodine catalyzed reactions towards the synthesis of bis-Indoles under microwave irradiation in the absence of Solvent" Ram Naresh Yadav, Indrani Banik, and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1397-1399, 2018.
30. "Microwave-induced synthesis of Optically active lactones from β -lactams by acid assisted ring cleavage" Ram Naresh Yadav, Indrani Banik, and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1401-1403, 2018.
31. "Stereoselective synthesis of trans-acetoxy- β -lactams under Microwave irradiation" Ram Naresh Yadav, Indrani Banik, and Bimal Krishna Banik, *J. Indian. Chem. Soc;* Vol.95, pp.1405-1408, 2018.
32. "A versatile Method for the Protection of Carbonyl compounds by Camphor sulphonic Acid" Ram Naresh Yadav and Bimal Krishna Banik, *Current Organocatalysis*, 5, 1-5, 2018.

33. "Camphor Sulfonic Acid-Catalyzed Michael Reaction of Indoles with Enones" Ram Naresh Yadav, Lohany Garcia, and Bimal Krishna Banik, *Current Organocatalysis*, **5**, 1-4, 2018
34. "Stereospecific β -lactam formation via Staudinger cycloaddition derived from ferrocenyl imines" Indrani Banik, Ram Naresh Yadav, Frederick F. Becker, and Bimal Krishna Banik, *J. Indian Chem. Soc.*, Vol. **95**, 2018, pp. 833-836
35. "Novel Synthesis of Bis- β -Lactams with Unusual 2,7-Phenanthrene and 9,10-Dihydrophenanthrene Derivatives" Ram Naresh Yadav, Jocabed Marquez, Ashok Kumar Srivastava, Amrendra Kumar Singh, and Bimal Krishna Banik, *Asian Journal of Organic & Medicinal Chemistry*, Vol. **3**, No. **3**, 85-88, 2018
36. "An Intramolecular Oxa-Michael Addition on Prebuilt β -Lactam Tethered α , β -Unsaturated Ester: A Remarkable Synthesis of a Unique Scaffold Of 2, 3-Fused β -Lactam-1,4-Dioxepane" Ram N. Yadav, Armando Paniagua and Bimal Krishna Banik, *Journal of the Indian Chemical Society* (2021) **98**(4):100010
37. "Microwave-Induced Surface-Mediated Highly Efficient Regioselective Nitration of Aromatic Compounds: Effects of Penetration Depth" Aparna Das, Ram Naresh Yadav, and Bimal Krishna Banik, *Asian Journal of Chemistry* (2021) **33**(9):2203-2206
38. "Ascorbic Acid-mediated Reactions in Organic Synthesis" Aparna Das, Ram Naresh Yadav, and Bimal Krishna Banik, *Current Organocatalysis* (2020), **07**(3)
39. "Indium Bromide-Catalyzed Unprecedented Hydrogenolysis: A Novel One-pot Synthesis of Per-O-acetylated beta-Carboxymethyl O and S-Glycosides" Ram Naresh Yadav, Amrendra Kumar Singh, and Bimal Krishna Banik, *Current Organic Chemistry* (2020) **24**(8)
40. "An Expeditious Route for the Synthesis of Oxazepine Triazolo- β -Lactams through Intramolecular Metal-Free [3+ 2] Azide-Alkyne Cycloaddition" RN Yadav, S Chandra, A Paniagua, MF Hossain, BK Banik, *Australian Journal of Chemistry* (2020), **73** (7), 654-657
41. "Microwave-Induced Enantiospecific Synthesis of trans-(3R,4R)-3-Acetoxy-4-aryl-1-(chrysen-6-yl) azetidino-2-ones via the Staudinger Cycloaddition Reaction of (+)-Car-3-ene with Polyaromatic Imines" A. L. Shaikh, R. N. Yadav & B. K. Banik, *Russ J Org Chem* **56**, 910-915 (2020)
42. "Metal-Free One-Pot Synthesis of 2-(2-Hydrazinyl) Thiazole Derivatives Using Graphene Oxide in a Green Solvent and Molecular Docking Studies" Arindam Das, Sovan Dey, Sumit Chakraborty, Anup Barman, Dr. Ram Naresh Yadav, Rabiul Gazi, Dr. Madhurima Jana, Dr. Md. Firoj Hossain *Chemistry Select*, **6**, no. **36** (2021): 9552-9558
43. "An Intramolecular Oxa-Michael Addition on Prebuilt β -Lactam Tethered α , β -Unsaturated Ester: A Remarkable Synthesis of a

- Unique Scaffold Of 2, 3-Fused β -Lactam-1,4-Dioxepane” Ram Naresh Yadav, Armando Paniagua and Bimal Krishna Banik, *Journal of the Indian Chemical Society* 98, no. 4 (2021): 100010.
44. “Vitamin C-Catalyzed Hantzsch reaction under microwave condition: a greener access to 1,4-Dihydropyridines” Devalina Ray, Ram Naresh Yadav, Bimal Krishna Banik, *Results in Chemistry* (2022), 100330 DOI: <https://doi.org/10.1016/j.rechem.2022.100330>
45. “A novel baker’s yeast-mediated microwave-induced reduction of racemic 3-Keto-2-Azetidinones: Facile entry to optically active hydroxy β -lactam derivatives” Aparna Das, Ram Naresh Yadav, and Bimal Krishna Banik, *Current Organocatalysis* (2022)
46. “Organocatalysis: A recent development on stereoselective synthesis of o-glycosides” Ram Naresh Yadav, Md. Firoj Hossain, Aparana Das, Ashok Kumar Srivastava, & Bimal Krishna Banik**Catalysis Reviews* (2022): 1-118 DOI: <https://doi.org/10.1080/01614940.2022.2041303>
47. “Conceptual design and cost-efficient environmentally Benign synthesis of beta-lactams” Aparna Das, Ram Naresh Yadav, and Bimal Krishna Banik, *Physical Sciences Reviews*, 2022 DOI: <https://doi.org/10.1515/psr-2021-0088>
48. “MICROWAVE-INDUCED CONVERSION OF ELECTROMAGNETIC ENERGY INTO HEAT ENERGY IN DIFFERENT SOLVENTS: SYNTHESIS OF β -LACTAMS” Aparna Das, Ram Naresh Yadav, and Bimal Krishna Banik, *Chemistry Journal of Moldova*, 2022, <https://cjm.asm.md/microwave-induced-conversion-of-electromagnetic-energy-into-heat-energy-in-different-solvents-synthesis-of-lactams>
49. “A Novel Synthesis of Densely Functionalized 3,4- β -Lactam Fused 1,4-Oxazepane via Tandem-7-exo-trig Intramolecular Oxa-Michael Reaction” Armando Paniagua, Ram N. Yadav, Md. Firoj Hossain, Ashok Kumar Srivastava, and Bimal K. Banik, *Moscow University Chemistry Bulletin*, 2022, Vol. 77, No. 2, pp. 117-124
50. “Asymmetric synthesis of 3-Pyrrole Substituted β -Lactams Through p-Toluene sulphonic Acid-Catalyzed Reaction of azetidine-2,3-diones with Hydroxyproline” Ram Naresh Yadav, Aarif L. Shaikh, Aparna Das, Devalina Ray, and Bimal K. Banik, *Current Organocatalysis*, 2022 (Under revision)
51. “Stereospecific Glycosylation: A Carbohydrate Chiron for Optical resolution” Ram Naresh Yadav, Aparna Das, Ashok Kumar Srivastava, and Bimal K. Banik, *Heterocyclic Letter*, 2022 (Manuscript accepted)

Book Chapters

1. Indrani Banik, Ram Naresh Yadav, and Bimal Krishna Banik*. 2019. "Polyaromatic Compounds as Novel Anticancer Agents." 365-393. *Nova Science Publishers, Inc. (USA)*.
2. Ram Naresh yadav, Indrani Banik, and Bimal Krishna Banik*. 2019. "Novel Synthesis of Biologically active Pyrrole." 325-363. *Nova Science Publishers, Inc. (USA)*
3. Ram Naresh Yadav, Indrani Banik, Amrendra Kumar Singh, and Bimal Krishna Banik, 2019. "Ferrier Rearrangement: A versatile Methodologies for the preparation of O S N and C-glycosides and Application for the Synthesis of Biologically Active Compounds." 395-420. *Nova Science Publishers, Inc. (USA)*
4. Ram Naresh Yadav, Ashok Kumar Srivastava and Bimal Krishna Banik* "Organocatalytic cycloaddition reaction: A gateway for molecular complexity" Elsevier, U. K, ISBN: 9780128175927
5. Ram Naresh Yadav, Ashok Kumar Srivastava, and Bimal Krishna Banik* "One-pot strategy: A highly economical tool in organic synthesis and medicinal chemistry" Elsevier, U. K, ISBN: 9780128175927

Professional Skill

- ❖ Strong theoretical knowledge and experimental skills in chemistry
- ❖ Excellent ability to teach students.
- ❖ Ability to develop and execute the lesson and new course module
- ❖ Hands-on-experience in modern techniques of teaching methods
- ❖ Experienced in conducting research and preparing a manuscript for publications
- ❖ Skilled in instrumentations widely used in research: NMR, IR, HPLC, etc.
- ❖ Expert in scheduling classes and laboratory experiments
- ❖ Strong problem solver for the student's matters

- ❖ Maintained Student's attendance records, prepared reports, course materials, and hand-outs
- ❖ Assisted students to learn chemical analysis
- ❖ Motivated students in the learning experience, scientific projects and ensured their successes
- ❖ Good knowledge of computer, MS Word, PowerPoint, and MS Excel.

Personnel details

Name : RAM NARESH YADAV
Date of Birth : 5th June 1976
Religion : HINDU
Nationality : INDIAN
Marital Status : Married
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Unnao-209801 (UP) INDIA
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+919451808527
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Reference

1. **Professor Bimal K. Banik**
Ph. D., C. Chem. F. R. S. C.
Professor & Deanship of Research
Department of Mathematics & Natural Sciences
Prince Mohammad Bin Fahad University, Al Khober, Saudi Arabia-
34754
Former President's Endowed Professor and Professor
Program Director and Principal Investigator of NIH and NCI
Grants, Editor-in-Chief, Organic & Medicinal Chemistry
Letters, Springer, Germany, Fellow, Royal Society of
Chemistry, Cambridge, UK &

Community Health Systems of South Texas, Edinburg, Texas-
78539, USA

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2. Professor Subrata Ghosh

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Cultivation of Science 2A&B, Raja S.C Mullick Road,
Jadavpur, Kolkata-700032, India. Email: ocsg@iacs.res.in
Mobile: +919830450170

I hereby declare that the above-written particulars are true and
correct to the best of my knowledge and belief.

Place: JAUNPUR

(Dr. Ram Naresh Yadav)

Date: 21 March 2022