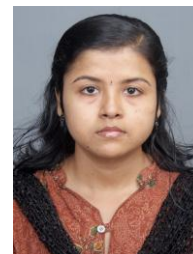


## CURRICULUM VITAE



### PERSONAL PROFILE

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Name : Dr. Rima Das

Sex : Female

Date of Birth : 09.03.1985      Marital status : Married

Nationality : Indian      Email ID : [chem.rima@gmail.com](mailto:chem.rima@gmail.com)

Category : General      Contact No. : 8116010647

Present Address : C/O, Dr. Tanmoy Kr. Saha,  
Qr. No.TS-3, NIT Campus,  
NIT Durgapur, Durgapur-9.

Permanent Address : C/O, Madan Mohan Das  
Purbachal, Police Line (E)  
P.O.- Sripalli, Dist – Burdwan  
West Bengal, Pin - 713103

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### EDUCATION

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Program	Specialization	Institution	%/CGPA	Year of completion
Ph.D Chemistry	Organic Methodology, Catalysis	Indian Institute of Technology Madras, Chennai	9.00	2012
M.Sc Chemistry	Organic Chemistry	The University of Burdwan, West Bengal, India	85.08 %	2007
B.Sc Chemistry (Hons)	Chemistry (Hons.)	Vivekananda Mahavidyalaya, The University of Burdwan, West Bengal, India	71.50 %	2005
XII	Science	B. M. G. H. S. Burdwan, West Bengal, India (West Bengal Council of Higher Secondary Education)	76.30 %	2002
X	Science, Arts	B. M. G. H. S. Burdwan, West Bengal, India (West Bengal Board of Secondary Education)	80.87 %	2000

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### SCHOLASTIC ACHIEVEMENTS

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- Qualified NET- December 2006, June-2007 examination (National Eligibility Test; Joint CSIR-UGC junior research fellowship and eligibility for lectureship) under CSIR fellowship scheme
- Qualified GATE -2007 examination (Graduate Aptitude Test in Engineering) (Rank-255, Score-418)
- 1<sup>st</sup> rank in Organic Chemistry division, M.Sc Part-2, 2007, awarded a Silver medal

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## TEACHING EXPERIENCE

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- Worked as a teaching assistant for 4 years at IIT Madras (2008-2012)
  - Worked as an Assistant Professor at Global Institute of Technology Jaipur (Sep 2012-Jul 2014)
  - Working as an Assistant Professor at Chandidas Mahavidyalaya, Khujutipara, Birbhum ( Apr 2015-till Date)
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## LABS

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- Assisted practical classes for under graduate students and master degree students

## SKILLS

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- Proficient in Windows based operating systems
- Softwares : Chem Draw, Scifinder, Origin
- Proficient at operating Bruker av 400 MHz NMR. UV-Visible spectrophotometer (JASCO 660 UV-Visible spectrophotometer) and Infra Red spectrometer (Shimadzu IR 470 model & Thermo Nicolet 6700 FT-IR spectrometer), HPLC (Waters).
- Have a sound practical knowledge in handling air and moisture sensitive reagents and compounds.

## PROJECTS

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- Assisted research project for master degree students (6 months)
  - Assisted research project for summer project students (3 months)
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## PUBLICATIONS

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1. Cu(II)-catalyzed oxidation of sulfides  
R. Das and D. Chakraborty, *Tetrahedron Letters*, **2010**, 51, 6255-6258.
2. Silver Nitrate Catalyzed Oxidation of Sulfides  
R. Das and D. Chakraborty, *Synthesis*, **2011**, 2, 277-280.
3. Cu(II) Bromide Catalyzed Oxidation of Aldehydes and Alcohols  
R. Das and D. Chakraborty, *APP. ORGANOMET. CHEM.* **2011**, 25 (6), 437-442 (**Highlighted as the 2<sup>nd</sup> most downloaded article of the year**)
4. Silver triflate catalyzed acetylation of alcohols, thiols, phenols, and amines  
R. Das and D. Chakraborty, *Synthesis*, **2011**, 10, 1621-1625.
5. AgOTf Catalyzed Transesterification of  $\beta$ -ketoesters  
R. Das and D. Chakraborty, *APP. ORGANOMET. CHEM.*, **2012**, 26, 140-144.
6. Iodine-TEMPO as an Efficient Oxidizing Agent for the One-pot Conversion of Alcohol to Amide using FeCl<sub>3</sub> as Catalyst  
R. Das and D. Chakraborty, *Catal Commun*, **2012**, 26, 48-53.
7. AgOTf Catalyzed Hydration of Terminal Alkynes

- R. Das and D. Chakraborty, *APP. ORGANOMET. CHEM.*, **2012**, 26, 722-726.
8. Ag(I) Catalyzed C-C and C-S Coupling of Aryl halides and Thiols with Boronic acids  
R. Das and D. Chakraborty, *Tetrahedron Letters*, **2012**, 53, 7023-7027.
9. Silvernitrate catalyzed *N*-arylation of amines and *O*-arylation of phenols and alcohols  
R. Das, M. Mandal and D. Chakraborty, *Asian J. Org. Chem.*, **2013**, 2, 533-536.
10. A Versatile Noble Metal - Silver: Various aspects in our life  
R. Das and T. K. Saha, **2015**, *INQUEST*, ISSN no.2349-5472.
11. Progress in Synthesis of Propargylamine and Its Derivatives by Nanoparticle Catalysis via A3 coupling:  
A Decade Update.  
R. Das and T. K. Saha, *Chemistry Select*, **2018**, 3, 147-169.

## CONFERENCE

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- 1. Rima Das and Debashis Chakraborty:** AgOTf – an effective Lewis acid catalyst for the transesterification of  $\beta$ -ketoesters (Poster presentation). Chemistry in-House Symposium, IIT Madras, India, 23<sup>rd</sup> August, 2011.
- 2. Rima Das and Debashis Chakraborty:** Iodine-TEMPO as an Efficient Oxidizing Agent for the One-pot Conversion of Alcohol to Amide using FeCl<sub>3</sub> as Catalyst (Poster presentation). Pure and Applied Chemistry International Conference (PACCON – 2012), Chiang Mai, Thailand, 11-13 January, 2012.
- 3. Rima Das and Tanmoy Kumar Saha:** Silver Mediated Catalytic Transformations: An Overview (Poster Presentation). National Conference on Recent Trends in Research in Chemical Sciences (RTRCS – 2014), Department of Chemistry, Manipal University, Jaipur, Rajasthan, India, 21-22 February, 2014.
- 4. Rima Das:** Highlighting the Chemical and Biological Facts of Miswak: A Tooth Brush Tree (Oral presentation). National Seminar on Design, Synthesis, Interactions, Chemical and Biochemical Activities of Different Functional molecules, Department of Chemistry, University of Burdwan, West Bengal, India, 04-06 February, 2016.
- 5. Rima Das:** New Protection Strategies for Alcohols and Phenols by Group 11 Coinage Metal: Silver (Poster Presentation) National Conference in Recent Development in Chemistry (RDC-2016), Department of Chemistry, NIT Durgapur, 4-6 October, 2016.

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## **SHORT TERM COURSE**

1. TEQIP Sponsored one week short term course on Instrumental Application and chemical analysis on Environmental Samples Organized by Department of Chemistry, NIT – Durgapur, from 27.06.2016 to 03.07.2016.

## **Membership of Professional bodies**

1. Annual member of Indian Council of Chemists (ICC), Membership no. 8062
2. Life member of Association of Chemistry Teachers (ACT), Membership no. 1865

## **REFERENCES**

### **1. Dr. Debashis Chakraborty**

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Indian Institute of Technology, Patna.  
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