



**KAZI NAZRUL UNIVERSITY  
ASANSOL**

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**Faculty Profile**

1. Name (Block Letter): DR. UJJAL KANTI ROY
2. Department: Chemistry
3. Current Designation: Associate Professor
4. Address for Communication (Present): Advanced Synthesis and Catalysis Laboratory, Department of Chemistry, Kazi Nazrul University, Asansol-713340
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8. Research Degree:

Degree	Name of the University	Date/ Year of Award
B.Sc. (Hons.)	Calcutta University	1999
M.Sc. (Org. Spl.)	Calcutta University	2001
Ph.D. (Science)	IIT Kharagpur	2008

9. Published Papers in Journals:

Sl. No	Name of Article	Journal with page no	ISSN /ISB N No	Referred /Non-Referred	No of Co-author	Whether you are the main author	Date of Publication
1.	Allylation and Propargylation of Aldehydes mediated by <i>in situ</i> generated	Mondal, B.; Adhikari, U.; Hajra, P. P.; Roy, U. K.	1369-9261	Referred (IF: 3.288)	3	Yes	2021

	Zinc from the redox couple of Al and ZnCl <sub>2</sub> in 2N HCl	<i>New J. Chem.</i> <b>2021</b> , 45, 7163					
2.	Making and Breaking of Zn-C Bonds in the cases of Allyl and Propargyl Organozincs	Mondal, B.; Roy, U. K. <i>Tetrahedron</i> <b>2021</b> , 89, XXX	0040-4039	Referred (IF: 2.645)	1	Yes	2021
3.	Design of $\pi$ -Conjugated Flexible Semiconductive 2D MOF and MOF Derived CuO Nanospheres for Solvent Free C-X (S, O) Hetero-coupling Catalysis with Enhanced Conductivity	Patra, M.; Dubey, S. K.; Mondal, B.; Gupta, K.; Ghosh, A.; Meikap, A. K.; Roy, U. K.; Bhattacharjee, S.; Saha, R. <i>Nano-Struct. Nano-Objects</i> <b>2021</b> , 26, 100756	2352-507X	Referred (IF: 5.45)	8	Yes	2021
4.	Indium(I)/ CuFe <sub>2</sub> O <sub>4</sub> reagent for allylation of carbonyls and epoxide rearranged carbonyls	Kundu, M.; Mondal, B.; Roy, U. K. <i>Russ. J. Gen. Chem.</i> <b>2020</b> , 90, 1	1608-3350	Referred (IF: 0.716)	2	Yes	2020
5.	Reactivity of Electrochemically Synthesised Nano Zinc Wire in Facile Reduction of Nitro and Azide	Mandal, S. P.; Mondal, B.; Saha, R.; Kundu, M.; Roy, U. K. <i>Ind. J. Chem.</i>	O975-0975	Referred (IF: 0.489)	4	Yes	2020

	Compounds	A <b>2020</b> , 59A, 1076					
6	Synthesis and Characterization of Nano-Zinc Wire using a Self Designed Unit Galvanic Cell in Aqueous Medium and its Reactivity in Propargylation of Aldehydes	Mondal, B.; Mandal, S. P.; Kundu, M.; Adhikari, U.; Roy, U. K. <i>Tetrahedron</i> <b>2019</b> , 75, 4669	0040-4039	Referred (IF: 2.645)	4	Yes	2019
7	Sono-chemically Synthesized Spin-canted CuFe <sub>2</sub> O <sub>4</sub> Nanoparticles for Heterogeneous Green Catalytic Click Chemistry	Mondal, B.; Kundu, M.; Mandal, S. P.; Saha, R.; Roy, U. K.; Roychowdhury, A.; Das, D. <i>ACS Omega</i> <b>2019</b> , 4, 13845	2470-1343	Referred (IF: 2.87)	6	yes	2019
8	Synthesis and Physical Characterization of $\beta$ -Alkyl Oligoselenophenes	Mondal, B.; Roy, U. K. <i>Russ. J. Gen. Chem.</i> <b>2019</b> , 89, 138	1608-3350	Referred (IF: 0.716)	1	yes	2019
9	Oligoselenophenes ( <i>n</i> & <i>p</i> type): Synthesis and properties	Mondal, B.; Bendikov, M.; Roy, U. K. <i>Russ. J. Gen. Chem.</i> <b>2019</b> , 89, 1911.	1608-3350	Referred (IF: 0.716)	2	yes	2019
10	Role of Metal Exchange toward the	Sarmah, K.; Roy U. K.;	2574-0970	Referred (IF:	03	No	2018

	Morphology and Photocatalytic activity of Cu/Ag/Au-ZnO: A study with Zn-Na-acetate complex as precursor	Maji, T. K.; Pratihari, S. <i>ACS Appl. Nano Mater.</i> <b>2018</b> , <i>1</i> , 2049		7.504)			
11	Making and Breaking of Sn-C, and In-C Bonds <i>in situ</i> : The Cases of Allyltins and Allylindiums	Roy, U. K.; Roy, S. <i>Chem. Rev.</i> <b>2010</b> , <i>110</i> , 2472	0009-2665	Referred (IF: 54.301)	01	Yes	2010
12	Recyclable Electrochemical Allylation in Aqueous Medium: Synthesis of Wire Shaped Nano Zinc Architecture	Sinha, A. K.; Mondal, B.; Kundu, M.; Chakraborty, B.; Roy, U. K. <i>Org. Chem. Front.</i> <b>2014</b> , <i>1</i> , 1270	2052-4129	Referred (IF: 5.155)	04	Yes	2014
13	Binding interaction of a newly developed bisindole drug molecule with $\alpha$ -cyclodextrin: face to face shielding of indole hoops	Mallick, A.; Majumdar, T.; Haldar, B.; Roy, U. K. <i>RSC Adv.</i> <b>2014</b> , <i>4</i> , 38206	2046-2069	Referred (IF: 3.119)	03	No	2014
14	Photophysical, NMR and density functional study on the ion interaction of norharmane: Proton transfer vs. hydrogen bonding	Mallick, A.; Roy, U. K.; Majumdar, T.; Haldar, B.; Pratihari, S. <i>RSC Adv.</i> <b>2014</b> , <i>4</i> , 16274	2046-2069	Referred (IF: 3.119)	04	No	2014

15	Formation of extended probe–cyclodextrin nanotubular supra structures: Endogenous surfactants triggered on-demand release	Mallick, A.; Haldar, B.; Roy, U. K. <i>Chem. Phys. Lett.</i> <b>2013</b> , 580, 82	0009-2614	Referred (IF: 2.029)	02	Yes	2013
16	A Newly Developed Highly Selective Ratiometric Fluoride Ion Sensor: Spectroscopic, NMR and Density Functional Studies	Mallick, A.; Roy, U. K.; Haldar, B.; Pratihar, S. <i>Analyst</i> <b>2012</b> , 137, 1247	0003-2654	Referred (IF: 3.978)	03	Yes	2012
17	First example of a heterobimetallic Pd–Sn catalyst for efficient allylation, benzylation, and propargylation of alcohols with arenes, heteroarenes, active methylenes and allyl-Si nucleophiles	Das, D.; Pratihar, S.; Roy, U. K.; Mal, D.; Roy, S. <i>Org. Biomol. Chem.</i> <b>2012</b> , 10, 4537	1477-0520	Referred (IF: 3.412)	04	No	2012
18	Dual-Reagent Catalysis within Ir-Sn Domain: Highly Selective Alkylation of Arenes and Heteroarenes with Aromatic Aldehydes  Highlighted the work	Podder, S.; Choudhury, J.; Roy, U. K.; Roy, S. <i>J. Org. Chem.</i> <b>2007</b> , 72, 3100.  Podder, S.;	0022-3263  1861-	Referred (IF: 4.335)	03	No	2007

	in <i>Synfacts</i> :	Choudhury, J.; Roy, U. K.; Roy, S. <i>Synfacts</i> <b>2007</b> , 753.	1958				
19	Pd(0)/Sn(II) promoted Barbier-type allylation and crotylation of sulfonimines	Roy, U. K.; Roy, S. <i>Tetrahedron Lett.</i> <b>2007</b> , <i>48</i> , 7177	0040-4039	Referred (IF: 2.275)	01	Yes	2007
20	Pd(0)/Sn(II)-mediated three-component cascade coupling (3-C <sup>3</sup> ) approaches  Highlighted the work in <i>Synfacts</i> :	Roy, U. K.; Jana, P. K.; Roy, S. <i>Tetrahedron Lett.</i> <b>2007</b> , <i>48</i> , 1183  Roy, U. K.; Jana, P. K.; Roy, S. <i>Synfacts</i> <b>2007</b> , 0477	0040-4039  1861-1958	Referred (IF: 2.275)	02	Yes	2007
21	SnCl <sub>2</sub> mediated efficient <i>N,N</i> -dialkylation of azides to <i>tertiary</i> -amine via potential stannamine intermediate	Roy, U. K.; Roy, S. J. <i>Organomet. Chem.</i> <b>2006</b> , <i>691</i> , 1525	0022-328X	Referred (IF: 2.304)	01	Yes	2006
22	Highly efficient water promoted allylation and propargylation of aryl epoxides via rearrangement-	Roy, U. K.; Roy, S. <i>Tetrahedron</i> <b>2006</b> , <i>62</i> , 678	0040-4020	Referred (IF: 2.645)	01	Yes	2006

	carbonyl addition						
23	Synthesis of Alkynyl and Vinyl Selenides <i>via</i> Selenodecarboxylation of Arylpropionic and Cinnamic Acids	Das, J. P.; Roy, U. K.; Roy, S. <i>Organo-metallics</i> <b>2005</b> , <i>24</i> , 6136	0276-7333	Referred (IF: 3.804)	02	No	2005
24	Tuning the reactivity of organotin(IV) by LiOH: Allylation and propargylation of epoxides <i>via</i> redox transmetalation	Banerjee, M.; Roy, U. K.; Sinha, P.; Roy, S. <i>J. Organomet. Chem.</i> <b>2005</b> , <i>690</i> , 1422	0022-328X	Referred (IF: 2.304)	03	No	2005

#### 10. Articles/Chapters Published in Edited Volume:

Sl. No	Name of Article/chapter	Name of Edited Volume, Editor and Publisher	ISBN No.	No of Co-author	Whether you are the main author	Date of Publication
1	Bis(1,5-cyclooctadiene) diiridium/rhodium(I)-dichloride-Tin(II) chloride	<i>Encyclopedia of Reagents for Organic Synthesis</i> ; Paquette, L. A., Crich, D., Fuchs, P. L., Molander, G., Eds.; Wiley: New York	9780470842898	01	No	2009
2	Tris(dibenzylideneacetone) dipalladium(0)-Tin(II) chloride	<i>Encyclopedia of Reagents for Organic Synthesis</i> ; Paquette, L. A.,	9780470842898	01	No	2009

		Crich, D., Fuchs, P. L., Molander, G., Eds.; Wiley: New York				
3	Copper(II) chloride/bromide- Tin(II) chloride	<i>Encyclopedia of Reagents for Organic Synthesis</i> ; Paquette, L. A., Crich, D., Fuchs, P. L., Molander, G., Eds.; Wiley: New York	9780 4708 4289 8	01	No	2009
4	Dichlorobis(triphenylphosphine)-platinum(II)-Tin(II) chloride	<i>Encyclopedia of Reagents for Organic Synthesis</i> ; Paquette, L. A., Crich, D., Fuchs, P. L., Molander, G., Eds.; Wiley: New York	9780 4708 4289 8	01	No	2009

#### 11. Full Papers in Conference Proceedings:

Sl. No	Title with Page No	Details of Conference Publication	ISSN/ ISBN No	No of Co-author	Whether you are the main author	Date of Publication
1.	Multi Component Allylation Reactions: An Atom-Economy Approach towards Green	Full paper presentation by <u>Roy, U.K.</u> at the National Seminar “ <i>Green Chemistry and Sustainable Agriculture Practices: A Step</i>	978-81-921697-3-6	NIL	Yes	2013



	Chemistry, p286	<i>towards a Better Future</i> ", 1 <sup>st</sup> – 2 <sup>nd</sup> February, 2013 at Panchakot Mahavidyalaya, Purulia, India				
2.	Recyclable Electrochemical Allylation in Aqueous Medium: Synthesis of Wire Shaped Nano Zinc Architecture, p78	Full paper presentation by <u>Roy, U.K.</u> at the National Seminar " <i>Current Trends in Chemistry</i> ", 25 <sup>th</sup> –26 <sup>th</sup> November, 2011 at Deshabandhu Mahavidyalaya, Chittaranjan, India	987-81-929996-3-0	NIL	Yes	2016
3.	Multi Component Reactions for Tetrahydropyran Synthesis: Green Atom-Economy Approach, p196	Full paper presentation by <u>Roy, U.K.</u> at the UGC-Sponsored National Level Seminar " <i>The Biggest Challenge of Green Chemistry: To Use Its Rule in Practice</i> ", 8 <sup>th</sup> –9 <sup>th</sup> October, 2015 at A. K. P. C. Mahavidyalaya, Hooghly, India	978-93-5254-066-2	NIL	Yes	2015
4.						

12. Published Books or Edited Volume:

Sl. No.	Title	Book or Edited Volume	Publisher & ISBN No. (I.	Whether Peer Reviewed	No of Co-author/s	Whether you are the main	Date of Publication

			International II. National III. Regional)			author	
1	From Structure to Reactivity: Current Trends in Chemistry	Edited Volume	987-81-929996-3-0 (II. National)	No	18	Yes	02.05.2016

13. Papers Presented in Conferences/Seminars/Workshops/ Symposia:

Sl. No	Title of the Paper Presented	Title of the Conference/ Seminar/ Symposia	Organising Authority	Whether International/ National/ State/ Regional/ University/ College Level	Date of presenting the Paper
1	Roy, U. K.; Roy, S. Presentation entitled "C-C and C-N bond formation via novel Sn(IV) intermediates" selected as the best presentation at the <i>8th National Symposium in</i>	<i>8th National Symposium in Chemistry (NSC-8),</i>	Department of Chemistry, Indian Institute of Technology, Bombay, India.	National	4 <sup>th</sup> February, 2006

	Chemistry (NSC-8), 3-5 February, 2006 held at Department of Chemistry, I.I.T. Bombay, India.				
2	Roy, U. K.; Roy, S. Presentation entitled “SnCl <sub>2</sub> mediated efficient C-C and C-N bond formation” at the 5th One Day National Symposium in Chemistry, 6 <sup>th</sup> August, 2005 held at Department of Chemistry, I.I.T. Kharagpur, India.	5th One Day National Symposium in Chemistry	Department of Chemistry, Indian Institute of Technology, Kharagpur, India	National	6 <sup>th</sup> August, 2005
3	Full paper by Roy, U. K. entitled “Multi Component Alkylation Reactions: An Atom-Economy Approach towards Green Chemistry” at the National Seminar “Green Chemistry and Sustainable Agriculture	Green Chemistry and Sustainable Agriculture Practices: A Step towards a Better Future	Department of Chemistry, Panchakot Mahavidyalaya, Purulia, India	National	1 <sup>st</sup> August, 2013

	<i>Practices: A Step towards a Better Future</i> ", 1 <sup>st</sup> – 2 <sup>nd</sup> February, 2013 at Panchakot Mahavidyalaya, Purulia, India				
4	Full paper presentation by <u>Roy, U.K.</u> entitled "Recyclable Electrochemical Allylation in Aqueous Medium: Synthesis of Wire Shaped Nano Zinc Architecture" at the UGC-Sponsored National Level Seminar " <i>Current Trends in Chemistry</i> ", 25 <sup>th</sup> – 26 <sup>th</sup> November, 2011 at Deshabandhu Mahavidyalaya, Chittaranjan, India	<i>Current Trends in Chemistry</i>	Department of Chemistry, Deshabandhu Mahavidyalaya, Chittaranjan, India	National	26 <sup>th</sup> November, 2011
5	Full paper presentation by <u>Roy, U.K.</u> entitled "Multi Component Reactions for	<i>The Biggest Challenge of Green Chemistry: To Use Its</i>	Department of Chemistry, A. K. P. C. Mahavidyalaya, Purulia, India	National	9 <sup>th</sup> October, 2015

	<p>Tetrahydropyran Synthesis: Green Atom-Economy Approach” at the UGC-Sponsored National Level Seminar “<i>The Biggest Challenge of Green Chemistry: To Use Its Rule in Practice</i>”, 8<sup>th</sup> –9<sup>th</sup> October, 2015 at A. K. P. C. Mahavidyalaya, Hooghly, India</p>	<i>Rule in Practice</i>			
6	<p>Mondal, B.; Roy, U. K.. Presentation entitled "New Carbon-Carbon Bond Formation: Electrochemical Reactions, Green Chemistry Approaches and Role of Nano-Architecture" at the 2<sup>nd</sup> Regional Science and Technology Congress (Western Region), 16<sup>th</sup> -17<sup>th</sup> November, 2017 at</p>	<p>2<sup>nd</sup> Regional Science and Technology Congress (Western Region)</p>	<p>The University of Burdwan, Burdwan, India.</p>	<p>Regional</p>	<p>16<sup>th</sup> November , 2017</p>

	The University of Burdwan, Burdwan, India.				
7	Kundu, M.; Mondal, B.; Roy, U. K.. Presentation entitled " Multi Component Allylation Reactions: An Atom-Economy Approach towards Green Chemistry" at the National Seminar "Recent Developments in Green Chemistry (RDGC-2015)" on 22 <sup>nd</sup> March, 2015 at Gushkara College, Burdwan, India.	<i>Recent Developments in Green Chemistry (RDGC-2015)</i>	Department of Chemistry, Gushkara College, Burdwan, India	National	22 <sup>nd</sup> March, 2015
8	Mondal, B.; Mandal, S.; Adhikari, U.; Roy, U. K. presentation entitled "Electrochemical Synthesis and Reactivity of Wire Shaped Nano-Zinc	<i>National Conference on Bose-Thakur national workshop on advanced matter of physics</i>	Department of Physics, Visva-Bharati, Santiniketan	National	3 <sup>rd</sup> August, 2018

	Architecture” at “National Confarence on Bose-Thakur National Workshop on Advanced Matter of Physics”, organised by Department of Physics, Visva- Bharati, Santiniketan, W.B., 3-4 August, 2018				
9	Kundu, M.; Mondal, B.; Roy, U. K. Presentation entitled “Making and Breaking of In-C Bonds in situ: Generation and Reactivity of Allylindiums” at National Seminar “Design, Synthesis, Charecterization, Reactivity, Theoritical study and Application of Different	<i>Design, Synthesis, Charecterizat ion, Reactivity, Theoritical study and Application of Different Advanced Funstional Materials</i>	The University Of Burdwan, Burdwan	National	21st –23rd December , 2017

	<i>Advanced Functional Materials</i> ” by on 21st –23rd December, 2017, at The University Of Burdwan, Burdwan				
10	<u>Mondal, S.</u> ; Mondal, B.; Kundu, M.; Roy, U. K. presentation full paper entitled “Electrochemical Reactions and Formation of Wire Shaped Nano Zinc Architecture” at the International Conference “ <i>Emerging Trends in Engineering and Science (ETES2018)</i> ” on 23 <sup>rd</sup> –24 <sup>th</sup> March, 2018 at Asansol Engineering College, Asansol	<i>Emerging Trends in Engineering and Science (ETES2018)</i> ”	Asansol Engineering College, Asansol	International	23 <sup>rd</sup> March, 2018
11	<u>Mondal, B.</u> ; Utpal, A.; and Roy, U. K.	<i>International Conference on</i>	Indian JSPS Alumni Association in association with	International	3 <sup>rd</sup> September, 2018



	<p>presentation  “Electrochemical Synthesis and Reactivity of noodle shaped nano zinc architecture” at  “<i>International Conference on Advancement in Science and Technology (ICAST-2018)</i>”  organized by Indian JSPS Alumni Association in association with Department of Physics, Visva-Bharati, Santiniketan, India on 3-4 September, 2018</p>	<p><i>Advancement in Science and Technology (ICAST-2018)</i>”</p>	<p>Department of Physics, Visva-Bharati, Santiniketan, India</p>		
12	<p>Kundu, M.; Mondal, B.; Saha, R.; <u>Roy, U. K.</u>  presentation  “Sono-chemically Synthesized Spincanted CuFe<sub>2</sub>O<sub>4</sub> Nano-particles for Heterogeneous</p>	<p><i>27th West Bengal State Science &amp; Technology Congress, 2020 [27th WBSSTC, 2020]</i></p>	<p>Organised by West Bengal State Council of Science &amp; Technology, Department of Science &amp; Technology and Biotechnology, Government of West</p>	National	<p>28<sup>th</sup>  February  to 29<sup>th</sup>  February,  2020</p>

	Green Catalytic Reactivity” in 27th West Bengal State Science & Technology Congress, 2020 [27th WBSSTC, 2020] on 28.02.2020 to 29.02.2020		Bengal, WEST BENGAL STATE SCIENCE & TECHNOLOGY CONGRESS, 2020		
13	<u>Roy, U. K.</u> presentation “Sono-chemically Synthesized Spin-canted $\text{CuFe}_2\text{O}_4$ Nano-particles for Heterogeneous Green Catalytic Reactivity” in 4th Regional Science & Technology Congress (Western Region), 2019 [4th RSTC (WR), 2019]	<i>4th Regional Science &amp; Technology Congress (Western Region), 2019 [4th RSTC (WR), 2019]</i>	The University of Burdwan, Burdwan, India & Department of Science & Technology and Biotechnology, Government of West Bengal, Kolkata	Regional	09.10.19 to 10.10.19
14	Kundu, M.; Mondal, B.; Saha, R.; <u>Roy, U. K.</u> presentation “Sono-chemically Synthesized Spin-canted $\text{CuFe}_2\text{O}_4$	<i>A Three Days International Conference on Recent Developments in Chemistry</i>	Department of Chemistry, National Institute of Technology Durgapur, Durgapur, India	International	03.03.21 to 05.03.21

	Nano-particles for Heterogeneous Green Catalytic Reactivity” in A Three Days International Conference on Recent Developments in Chemistry (RDC-2021)	(RDC-2021)			
15	Mondal, S.; Mondal, B.; <u>Roy, U. K.</u> presentation full paper entitled “Electrochemical Synthesis of Wire Shaped Nano Zinc Architecture and Its Reactivity Study” in a One Day National Seminar on Modern Trends in Chemistry for Sustainable Development.	<i>One Day National Seminar on Modern Trends in Chemistry for Sustainable Development</i>	Organized by Department of Chemistry, Vijaygarh Jyotish Ray College in collaboration with The Indian Chemical Society.	National	3.03.2020

14. Organising Seminar/Conference/Symposia:

Sl. No	Whether you are Convenor/	Theme of the Conference/ Seminar/ Symposia	Whether International/ National/	Funding Authority	Date of the Conference/Seminar/Symposia
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	Co-convenor		Regional/ State/ University Level		
1	Convenor	Organised UGC sponsored 02 day's National Seminar on "Current Trends in Chemistry"	National	UGC	25-26 November, 2011
2	Convenor	One Day Seminar on Life and Works of Professor Acharya Prafulla Chandra Ray	University Level	KNU	2 <sup>nd</sup> August, 2018
3	Convenor	One Day Seminar on Life and Works of Professor Acharya Prafulla Chandra Ray	University Level	KNU	2 <sup>nd</sup> August, 2019
4	Convenor	One Day National Webinar on "COVID-19 Third Wave: Role of NSS"	National	NSS Cell, KNU	10 <sup>th</sup> July, 2021

15. Invited Lectures/Chairing the Session or Presentation for Conferences/Seminar/Symposia etc:

Sl. No	Title of the Lecture/ Academic Session	Title of the Conference/ Seminar	Organizing Authority	Whether International/ National/ State/ Regional/ University/ College Level	Date of Conference / Seminar/ Symposia

1	<p>Invited Lecture  <b>‘Career &amp; Course Options in Science after 10<sup>th</sup> &amp; Plus 2’</b>  in the seminar  ‘<i>Science Education as Future Career</i>’,  organized by  Deshabandhu  Mahavidyalaya,  Chittaranjan – 713331  and Sponsored by  Department of  Science and  Technology,  Government of West  Bengal during  29.09.2011 to  30.09.2011.</p>	<p><i>Science Education as Future Career</i></p>	<p>Deshabandhu  Mahavidyalaya,  a,  Chittaranjan –  713331 and  Sponsored by  Department  of Science  and  Technology,  Government  of West  Benga</p>	<p>College</p>	<p>29.09.2011  to  30.09.2011</p>
2	<p>Invited Lecture  <b>‘Carbon-Carbon Bond Formation by Redox Reactions: Green Chemistry Approaches and Role of Nano-architecture’</b> in  ‘<i>Current Perspectives on Research on Chemical Sciences (CPRCS-2015)</i>’,  National Conference  organized by</p>	<p><i>Current Perspectives on Research on Chemical Sciences (CPRCS-2015)</i></p>	<p>National  Conference  organized by  Department  of Chemistry,  Assam  University</p>	<p>National</p>	<p>March 25-  26, 2015</p>

	Department of Chemistry, Assam University during March 25-26, 2015				
3	Invited Lecture <b>‘Career in Science After +2 level: An Overview’</b> in one day Lecture Workshop on <i>‘Remembering the missile man: India’s father of dreams that does not let one sleep’</i> organised by Kashipur Michael Madhusudan Mahavidyalaya, Kashipur, Purulia-723132 on 11th September, 2015.	Lecture Workshop on <i>‘Remembering the missile man: India’s father of dreams that does not let one sleep’</i>	organised by Kashipur Michael Madhusudan Mahavidyalaya, Kashipur, Purulia-723132	College	11th September, 2015.
4	Invited Lecture <b>‘New Carbon-Carbon Bond formation: Redox Reactions, Green Chemistry Approaches and Role of Nano-architecture’</b> in <i>‘Recent Advances in Chemistry for Better Tomorrow (RACBT-2016)’</i> , a National Conference organized by Department of	<i>Recent Advances in Chemistry for Better Tomorrow (RACBT-2016)</i>	Department of Chemistry, Kashipur Michael Madhusudan Mahavidyalaya, Kashipur, (in collaboration with the Department of Chemistry, Raghunathpur College)	National	November, 24-25, 2016.

	Chemistry, Kashipur Michael Madhusudan Mahavidyalaya, Kashipur, (in collaboration with the Department of Chemistry, Raghunathpur College) during November, 24-25, 2016.				
5	Invited Lecture 'Carbon-Carbon and Carbon-Nitrogen Bond formation by magnetically separable nano catalysts' in ' <i>Recent Trends in Chemical Sciences (RTCS- 2017)</i> ', a National Symposium organized by Department of Chemistry, National Institute of Technology Meghalaya, Meghalaya, during October, 12-13, 2017.	<i>Recent Trends in Chemical Sciences (RTCS-2017)</i>	National Symposium organized by Department of Chemistry, National Institute of Technology Meghalaya, Meghalaya,	National	October, 12-13, 2017.
6	Invited Lecture 'Organic Electronic Materials: Low Band Gap Polyselenophenes	<i>Trends in Chemical Sciences</i>	Department of Chemistry, Asansol Girls College	College	7 <sup>th</sup> May, 2018

and Oligoselenophenes' in Asansol Girls College on 7 <sup>th</sup> May, 2018				
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16. Ongoing Projects/Consultancies:

Sl. No	Title	Agency	Period	Grant/Amount Mobilized (Rs.)
1	TUNING THE SYNTHESIS AND REACTIVITY OF COPPER AND COPPER-BASED NANOPARTICLES (50(Sanc.)/ST/P/S&T/15G-10/2018 dated 30.01.2019)	WB-DST, Govt. of West Bengal, Kolkata	2019-2021 (3 years)	<b>02,30,000/-</b>

17. Completed Projects/Consultancies:

Sl. No	Title	Agency	Period	Grant/Amount Mobilized (Rs.)
1	<b>DST-Fast Track Proposal for Young Scientists</b> in Chemical Science entitled "Tuning the Reactivity of High Valent Late Transition Metal Catalysts for Carbon-Carbon and Carbon-Heteroatom Bond Formation" (SR/FT/CS-137/2011)	DST-SERB	2013-2016	<b>22.78 Lacs</b>
2	<b>UGC-Minor Research Project in Chemical Science</b> entitled " <i>In situ</i> generation and reactivity of allylindium <i>via</i>	UGC	2012-2014	<b>1.94 Lacs</b>



	redox - transmetallation of Indium(I)/Transition metal catalyst” (UGC Minor Research Project: F. PSW 017/11 -12 (ERO))			

18. Received Research Fellowship/ Awards:

Sl. No	Title	Funding Authority	Period	Grant/Amount Mobilized (Rs.)
1	Post-Doctoral Fellowship - 2009 from the Feinberg Graduate School, Weizmann Institute of Science, Israel	Feinberg Graduate School, Weizmann Institute of Science, Israel	2009-2010	~1,50,000/- (pm)
2	DST-Research Associate Fellowship-2008	Research Associate Fellowship-DST, New Delhi	2008-2009	16,000/- (pm)
3	CSIR-Senior (& extended) Research Fellowship-2007	CSIR, New Delhi	2007-2008	Variable
4	NET JRF 2001 (CSIR-UGC) Fellowship, within top 10% (called for SPM interview)	UGC, New Delhi	2002-2006	Variable
5	GATE Fellowship-2002 (Percentile 98.97, All India Rank 26)	-	2001-2006	-

19. Academic Staff College Organised Orientation/ Refresher Courses Attended:

Name of the Courses	Place	Duration From	Sponsoring Authority
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Orientation Programme	Academic Staff College, Burdwan University.	04/06/2013 to 01/07/2013	UGC
Refresher Course	Academic Staff College, Burdwan University.	11/06/2014 to 01/07/2014	UGC

20. Training Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programme:

Sl. No	Programme/Course	Duration	Organising Authority	Period
1	Three Day Online workshop: Online Learning for Faculty: what you need to know and prepare for a successful transition of your curriculum.	3 days	AIU and QASPIR	31.03.2020-02.04.2020

21. Research Guidance:

Sl. No	Name of the Research Student	Title of the Thesis/Dissertation	Date of Thesis Submission	Date of Degree Awarded
1	Dr. B. Mondal	C-C Bond Formation via Redox Reactions: Green Chemistry Exercise and Role	27-09-2019	12-06-2020

		of Nano Architecture		
2				

22. Any other Information: NIL