

CURRICULUM –VITAE

**NAME** : Dr. ARNAB KANTI OJHA

**DESIGNATION** : Assistant Professor

**INSTITUTE** : Mahishadal Girls' College

**DATE OF BIRTH (D/M/Y)** : 05/11/1980

**FATHER'S NAME** : Mr. Milan Kumar Ojha

**MOTHER'S NAME** : Mrs. Puspa Rani Ojha

**ADDRESS (PERMANENT)** : At- Mirzabazar  
P.O. – Midnapur  
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West Bengal

**ADDRESS (CORRESPONDENCE)** : At- Mirzabazar  
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Pin- 721101  
West Bengal

**EMAIL** : arnab.ojha@yahoo.com

**EDUCATIONAL QUALIFICATION:**

EXAMINATION	BOARD/ UNIVERSITY	SCHOOL/ COLLEGE/ DEPTT.	YEAR OF PASSING	OBTAIN TOTAL MARKS	%OF MARKS	DIV./ CLASS
Madhyamik (Secondary)	WBBSE	Midnapur Collegiate School	1997	649	81.125	1st
H.S.	WBCHSE	Midnapur Collegiate School	1999	682	68.2	1st
B.Sc. (Honours) Chemistry	Vidyasagar University	Kharagpur College	2003	476	59.5	2nd
M.Sc. (chemistry) (Organic Chemistry Specialization )	Vidyasagar University	Vidyasagar University (Dept. Of Chemistry & Chemical Technology)	2005	771	77.1	1st
B.Ed	Vidyasagar University	V.T.T.I.	2006	645	64.5	1st
Ph. D. (Chemistry) (Organic Chemistry	Vidyasagar University		2013			

NET/SLET/SET	1. CSIR-UGC-NET 2. CSIR-UGC-NET		1.JUNE-2005 2. DECEMBER-2005			
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**LANGUAGE KNOWN:**

LANGUAGE(S)	READING	WRITING	SPEAKING
Bengali	Bengali	Bengali	Bengali
English	English	English	English
Hindi			Hindi

**TEACHING EXPERIENCES:**

Name of School / College/ University/ Institution	Designation	Date of Joining	Date of Leaving	Total Duration	Hon's./General PG/ M.Phil.
Dubgohal High School, Jakpur, WB	Assistant Teacher	14.09.2007	29.01.2009	1 year 4 months	
Mahishadal Girls' College	Assistant Professor	30.01.2009		9 years till now	

**HOBBIES: Travelling and Photography**

**RESEARCH EXPERIENCE:**

<b>Doctoral</b>	<b>Present</b>
<b>2006-2013</b> <b>Institution:</b> <b>Vidyasagar University, Medinipur, WB, India.</b> <b>Thesis Title:</b> <b>STUDIES ON STRUCTURAL AND BIOLOGICAL ACTIVITIES OF PLANT AND MUSHROOM POLYSACCHARIDES</b> <b>Advisor:</b> <b>Dr. Syed Sirajul Islam</b>	<b>2009-Present</b> <b>Institution:</b> <b>Mahishadal Girls' College, Mahishadal, WB, India.</b> <b>Research Title:</b> <b>Isolation, characterization and immunological studies of polysaccharides.</b>

**PRESENTATION OF PAPERS:**

1. Presented a paper entitled, ' A review on Gum Polysaccharides.....in Human Beings' on UGC sponsored one day national seminar on Recent Trends in Research in Chemical Sciences, organized by Department of Chemistry, Ghatal Rabindra Satabarski Mahavidyalaya, Ghatal, Paschim Medinipur in collaboration with Department of Chemistry, Kharagpur College, Kharagpur, Paschim Medinipur, on 30st August, 2016.
2. Presented a paper entitled, ' A review on Dietary Fibres and Mechanism of Biological Action in Human Beings' on UGC sponsored two days national seminar on Chemistry Today- Nanoworld to Macroworld, organized by Department of Chemistry, Sonamukhi College, Sonamukhi, Bankura in collaboration with Department of Chemistry, Indas Mahavidyalaya, Indas, Bankura, on 22<sup>nd</sup> and 23<sup>rd</sup> December, 2016.
3. Presented a paper entitled, 'Structural analysis of a polysaccharide isolated from the alkali extract of an edible mushroom *Pleurotus Sajur-Caju* cultivar Black Japan' on one day National Seminar on Recent Development in Biological Science & chemical Science, organized by Department of Zoology, Botany, Physiology & Chemistry, Garhbeta College, Garhbeta, Paschim Medinipur, on 1<sup>st</sup> April, 2017.

PUBLISHED PAPERS IN JOURNAL:

Sl. No.	Title with page no	Journal	ISSN/ISBN No.
1.	Structural assignment of a heteropolysaccharide isolated from the gum of <i>Cochlospermum religiosum</i> ( <i>Katira gum</i> ). pp.- 1071-1078	<i>Carbohydrate Research</i> 2008, Vol. 343 (First Author)	ISSN: 0008-6215
2.	Structural analysis of an immunoenhancing heteropolysaccharide isolated from the green (unripe) fruits of <i>Solenum melongena</i> (Brinjal). pp.- 2357-2363	<i>Carbohydrate Research</i> 2009, Vol. 344 (First Author)	ISSN: 0008-6215
3.	Glucans from alkaline extract of an edible mushroom, <i>Pleurotus florida</i> , cv Assam Florida: Isolation, purification and characterization. pp.- 2157-2163	<i>Carbohydrate Research</i> 2010, Vol. 345 (First Author)	ISSN: 0008-6215
4.	NMR and MALDI-TOFMS analysis of a heteroglycan isolated from hot water extract of edible mushroom, <i>Volvariella bombycina</i> . pp.- 2834-2840	<i>Carbohydrate Research</i> 2008, Vol.343 (Co- Author)	ISSN: 0008-6215
5.	Structural studies of a methyl galacturonosyl methoxy xylan isolated from the stem of <i>Lagenaria siceraria</i> (Lau). pp.- 341-349	<i>Carbohydrate Research</i> 2008, Vol. 343 (Co- Author)	ISSN: 0008-6215
6.	Structural investigation of a polysaccharide (Fr. I) isolated from the aqueous extract of an edible mushroom, <i>Volvariella diplasia</i> . pp.-1071-1078	<i>Carbohydrate Research</i> 2008, Vol.343 (Co-Author)	ISSN: 0008-6215
7.	NMR and MALDI-TOF analysis of a water-soluble glucan from an edible mushroom, <i>Volvariella diplasia</i> . pp.- 2834-2840	<i>Carbohydrate Research</i> 2008, Vol.343 (Co- Author)	ISSN: 0008-6215
8.	Isolation and characterization of a Mannofucoglucan from fruit bodies of <i>Astraeus hygrometricus</i> . pp.-817-824	<i>Carbohydrate Research</i> 2008, Vol. 343 (Co- Author)	ISSN: 0008-6215
9.	Chemical analysis of a new fucoglucan isolated from an edible mushroom, <i>Termitomyces robustus</i> . pp.-1062-1070	<i>Carbohydrate Research</i> 2008, Vol. 343 (Co- Author)	ISSN: 0008-6215

10.	NMR and MALDI-TOF MS analysis of a heteroglycan isolated from hot water extract of edible mushroom, <i>Volvariella bombycina</i> . pp.- 2258-2265	<i>Carbohydrate Research</i> 2008, Vol. 343 (Co- Author)	ISSN: 0008-6215
11.	A protein Containing Glucan from an Edible Mushroom, <i>Termitomyces microcarpus</i> . pp.-553-556	<i>Natural Product Communications</i> 2009, Vol. 4 (4) (Co- Author)	ISSN: 1934-578X (printed) ISSN: 1555-9475 (online)
12.	Chemical analysis of a polysaccharide of unripe (green) tomato <i>Lycopersicon esculentum</i> . pp.- 2188-2194	<i>Carbohydrate Research</i> 2009, Vol.344 (Co- Author)	ISSN: 0008-6215
13.	The World of $\beta$ -Glucans- A Review of Biological Roles, Applications and Potential Areas of Research. pp.- 52-57.	FOCUS, A Bilingual Multidisciplinary Journal 2014, Vol. 7	ISSN: 2231-1408.
14.	Structural investigation of a heteropolysaccharide isolated from the green (unripe) fruits of <i>Solenum melongena</i> (Brinjal) by MALDI-TOF MS analysis. pp.-93-103.	Indian Journal of Research in Multidisciplinary studies 2016, Vol.3(1)	ISSN: 2348-2524
15.	Mushroom polysaccharide: A review on structural and immunological study. pp.- 1-8.	International Journal of physiology, Nutrition and Physical Education 2016, Vol. 1(2)	ISSN: 2456-0057

**ARTICLES/CHAPTERS IN PUBLISHED BOOKS:**

Sl. No	Title with page no.	Book title, editor & publisher	ISSN/ISBN No. (Or, Renowned publishers)
1.	A Review on Gum Polysaccharides and Biological Action in Human Beings Page No. 104	Recent Trends in Research in Chemical Sciences Edited by Dr. Kaushik Ghosh & Dr. Indranil Chakraborty Published by Ghatal Rabindra Satabarsiki Mahavidyalaya	ISBN 978-93-5267-187-8

**CARRIER ORIENTED COURSES:**

Course	Department/Centre	University/Institute	Period	Theme/Subject	Grade
Orientation Program	Academic Staff College (UGC)	University of Calcutta	07.04.2012 to 05.03.2012		A
Refresher Course	Academic Staff College (UGC)	University of Calcutta	30.03.2015 to 22.04.2015	Chemistry	A
Orientation Program (NSS)	Training Orientation & Research Centre	Ramakrishna Mission Lokasiksha Parishad	06.12.2010 to 15.12.2010		

**SEMINAR / WORKSHOPS PARTICIPATIONS:**

No. of Seminar Attended (With details of presented work):

1. Attended the One-day National Symposium on Frontiers In Chemical Sciences-2009, organized by Department of Chemistry and Chemical Technology, Vidyasagar University, on 25<sup>th</sup> February, 2009.
2. Attended the One-day International Seminar on Higher Education and Employability, organized by Vidyasagar University research scholars' association, Vidyasagar University, on 27<sup>th</sup> February, 2009.
3. Attended the UGC sponsored two days State level Seminar on Man and Ecology- In Indian Perspectives, organized by Department of Anthropology of Mahishadal Girls' College, Mahishadal, in collaboration with Netaji Institute for Asian Studies, Kolkata, on 8<sup>th</sup> and 9<sup>th</sup> January, 2010.

4. Attended the UGC sponsored two days State level Seminar on Role of College Libraries in Community Development, organized by Department of Central Library of Mahishadal Girls' College, Mahishadal, in collaboration with the West Bengal College Librarians' Association, Kolkata, on 5<sup>th</sup> and 6<sup>th</sup> February, 2010.
5. Attended the UGC sponsored one day national Seminar on Teaching Methodology In Higher Education, organized by Kharagpur College in collaboration with WEBCUTA, Paschim medinipur district committee, Midnapore, West Bengal on 18<sup>th</sup> February, 2010.
6. Attended the two days International Seminar on Renovation and Rejuvenation of Higher Education and Research across the Disciplines, organized by Vidyasagar University research scholars' association, Vidyasagar University, on 3<sup>rd</sup> and 4<sup>th</sup> March, 2010.
7. Attended the UGC sponsored two days national Seminar on Recent Trend in Research and Teaching in Chemical Sciences, organized by Department of Chemistry of Panskura Banamali College in collaboration with Indian Chemical Society, Kolkata, on 17<sup>th</sup> and 18<sup>th</sup> January, 2012.
8. Attended the UGC sponsored two days national Seminar on Food and Nutrition Community Health Rural Perspective of West Bengal, organized by Department of Nutrition of Mahishadal Girls' College, Mahishadal, on 16<sup>th</sup> and 17<sup>th</sup> February, 2012.
9. Attended the One-day National seminar on System of Governance in Higher Education, organized by Department of Political Science, Midnapore College, Midnapore in collaboration with WEBCUTA, Paschim medinipur district committee Midnapore, West Bengal on 8<sup>th</sup> December, 2012.
10. Attended the UGC sponsored two days national Seminar on Food Fortification in Community Health: Rural Perspective of India, organized by Department of Nutrition of Mahishadal Girls' College, Mahishadal, on 21<sup>st</sup> and 22<sup>nd</sup> January, 2014.
11. Attended three days Academic Conference and National Seminar on Quality in Higher Education: Issues & Challenges, organised by the Punjab and Chandigarh College Teachers' Union on 14<sup>th</sup> to 16<sup>th</sup> November 2014.
12. Attended the One-day National level seminar on Trends in Contemporary Indian Historical Studies: Crises and Transition, organized by Mahadevananda Mahavidyalaya, Barrackpore, North 24 Parganas, West Bengal in collaboration with WEBCUTA & WBSUTA on 20<sup>th</sup> December, 2014.
13. Attended the UGC sponsored two days national Seminar on Fluorosis and Arsenicosis: A Global Problem, organized by Department of Chemistry & Nutrition, Prabhat Kumar College, Contai, Purba Medinipur in collaboration with Department of Chemistry, Mugberia Gangadhar Mahavidyalaya, Bhupatinagar, Purba Medinipur on 13<sup>th</sup> & 14<sup>th</sup> September, 2016.

**No. of Workshop Attended:**

1. Attended one day UGC- Assisted Special Lecture Programme on Social Inclusion: It's Challenges in Contemporary India, organized by Garhbeta College, on 22<sup>nd</sup> March, 2016.

2. Attended two days Science Academies' Lecture Workshop on Chemistry and Biology Interface, organized by Department of Chemistry and Chemical Technology, Vidyasagar University, Midnapore, West Bengal, on 21<sup>st</sup> & 22<sup>nd</sup> April, 2016.

3. Attended the UGC sponsored two days Workshop on University- Industry Interface: Problems, Paradoxes and Possibilities, organized by Vidyasagar University Officers' Association, Vidyasagar University, Midnapore, West Bengal, on 27<sup>th</sup> and 28<sup>th</sup> April, 2016.

**PERFORMED ASSIGNED DUTIES:**

Type of Duties	Institute/Department	Period
Paper Setter & Evaluation of Internal Assessment	Department of Chemistry Mahishadal Girls' College	From 2009 to till now
Internal Examiner and External Examiner in Practical Examination	Vidyasagar University	From 2009 to till now
Examiner in different types of University's examination	Vidyasagar University	From 2009 to till now
Invigilation and Supervisor duty of different types of University's examination	Vidyasagar University	From 2009 to till now
Project Supervisor of Environmental Science	Mahishadal Girls' College, Vidyasagar University	From 2016 to till now

Extracurricular activity : 1. Programme Officer of NSS from 2010 to 2014.

2. Member of Paschimbanga Bigyan Mancha.

**OTHER QUALIFICATIONS :** Techniques/Tools acquainted with:

1. Skilled in handling UV-Vis, FT-IR Spectroscopes
2. Proficient with MS-Office, Excel, Origin, Chemdraw

**DECLARATION:**

I hereby declared that the above-mentioned information is true and will be responsible if it is found incorrect.

DATE:  
PLACE:

SIGNATURE OF THE EMPLOYEE



