

Data Sheet for Individual Faculty



1. Name : Prof. ARPITA PATRA DAS

2. Designation: Govt. Approved Contractual Whole Time Teacher (CWTT)

3. Education

Degree	Year	University
Ph.D	Running	Vidyasagar University
M.A/ M.Sc.	2005	Vidyasagar University
B.A./ B.Sc.	2003	Vidyasagar University

4. Teaching Experience: 10 years (Join as part time teacher, 2006 in this college)

5. Area of Research: Medical Microbiology, Isolation of probiotic and study their effect on uremic patient.

6. Journal Papers (The given format should be followed)

1. Samanta A, Pradhan S, Mandal A, **Patra A**, Mandal S, Roy S, Kar S, Nandi DK. (2015). Effect of starter culture on development of curd (dahi) and their antagonistic property against some enteric pathogen. Indian journal of Microbiology research, 2(1), 30-39.
2. Mandal A, **Patra A**, Mandal S, Roy S, Mahapatra SD, Mahapatra TD, Paul T, Das K, Mondal KC, Nandi DK. (2015). Therapeutic potential of different commercially available synbiotic on acetaminophen induced uremic rats. Clinical and experimental nephrology, 19(2), 168-177. **(Impact Factor- 1.246/14).**

3. **Patra A**, Mandal A, Roy S, Mandal S, Mandal KC, Nandi DK. (2014). Protective effect of selected urease positive lactobacillus strain on acetaminophen induced uremia in rats. *Biomedicine and preventive nutrition*, 4(2), 271-276.
4. **Patra A**, Mandal A, Samanta A, Roy S, Mandal S, Pradhan S, Das Mahapatra T, Mondal KC, Nandi DK. (2014). Therapeutic potential effect of *Streptococcus thermophilus* (MTCC 1938) on acetaminophen induced uremic male rats. *Indian Journal of Biotechnology*, 13, 318-323. **(Impact factor- 0.477/14)**.
5. Roy S, Das K, Mandal S, Pradhan S, **Patra A**, Samanta A, Mandal A, Kar S, Nandi DK. (2014). *Asparagus Racemosus* Roots Ameliorates Acetaminophen Induced Hepatotoxicity in Rats: An Experimental, Biochemical and Histological Study. *International journal of recent scientific research*, 5(6), 1192-1197. **(Impact Factor- 3.08/14)**.
6. Roy S, Das K, Mandal S, Pradhan S, **Patra A**, Samanta A, Sinha BD, Kar S, Nandi DK. (2014). Phytochemical analysis, antimicrobial activity and assessment of potential compounds by thin layer chromatography of ethanol fraction of *Asparagus racemosus* roots. *International journal of pharmacy and pharmaceutical sciences*, 6(8), 367-370. **(Impact Factor- 1.59/14)**.
7. Samanta A, Mandal A, **Patra A**, Mandal S, Roy S, Pradhan S, Das K, Nandi DK. (2014). Impact of probiotic supplementation on intestinal microflora of rat under environmental hypobaric pressure. *International journal of current microbiology and applied sciences*, 3(8), 282-291. **(Impact Factor- 1.59/12)**.
8. Pradhan S, Roy S, Mandal S, Samanta A, **Patra A**, Das K, Das S, Nandi DK. (2014). Alpha-lipoic acid a cholesterol reducer for targeting acetaminophen induced uremic male albino rat models. *International Journal of pharmaceutical sciences review & research*. 29(1), 62-66. **(Impact factor- 2.19)**.
9. Mandal S, **Patra A**, Samanta A, Roy S, Mandal A, Pradhan S, Das K, Nandi DK. (2013). Analysis of phytochemical profile of *Terminalia arjuna* bark extract with antioxidative and antimicrobial properties. *Asian Pacific Journal of Tropical Biomedicine*, 3(12), 960-966.
10. **Patra A**, Sil J, Das BK (2011) Isolation and characterization of dominant lactic acid bacteria from Dahi at Medinipur and evaluation of their antibacterial activity. *Internet Journal of Food Safety*, vol. 13, pp. 157-163.

7. Conference Papers (The given format should be followed)

Sl No	Paper title	Author name	Sponsored	Institute

1	Therapeutic potential effect of Streptococcus thermophilus (MTCC 1938) on acetaminophen induced uremic male rats.	Patra A , Mandal A, Samanta A, Mondal KC, Nandi DK.	ICABB, X th International conference	University of Pune, November 2013
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	NAME	SPONSORING AGENCY	PLACE AND DATE
1	One day National Seminar on Bridging the Gap between Nutrition and Microbiology'	Raj N L Khan Womens College	Raj N L Khan Womens College, 19 th September, 2015
2	Workshop for revision of syllabus for Microbiology	Vidyasagar university	Dept. of Microbiology, Vidyasagar University, 2014
3	State level Seminar on Advancement in Biological Sciences	UGC	Dept. of Microbiology & Biotechnology Panskura Banamali College, 2013
4	UGC Sponsored National Seminar "Rural Health & Nutrition : Recent Trend & Monitoring"	UGC	Department of Physiology Bajkul Milani Mahavidyalay 20-21 th January 2012
5	UGC sponsored National seminar on "Modern trend in Life sciences	UGC	Department of Life Sciences. on 17 th -18 th March 2012.
6	International Conference on Frontiers in Biological Researches	UGC	Dept. of Physiology with Community Health Vidyasagar University, 2012
7	National Seminar and Workshop on "advance techniques in biomedical laboratory science" organized by Department of Biomedical Science and Management.	UGC	Vidyasagar university on 25 th -29 th March 2011
8	NAAC sponsored National Seminar on Role of IQAC on Quality Enhancement & Quality Sustenance in Higher Education		Midnapore College, 2009
9	UGC sponsored state level seminar on "Organic farming for Green and clean world" organized by Department of Botany,	UGC	Raja N.L. Khan Women's College, Midnapore on 24 th September 2008
10	UGC sponsored National seminar on "Rural Development in the New Millennium : A Regional Perspective" organized by Department of Economics and Department of Political Science	UGC	Raja N.L. Khan Women's College, Midnapore on 21 st and 22 nd July 2007.
11	UGC sponsored National seminar on "Biosensor NSBS'07" organized by Postgraduate Department of Zoology,	UGC	Raja N.L. Khan Women's College, Midnapore on 24 th and 25 th March 2007.

12	National seminar on “Role of Microbes in Human Welfare” conducted by Department of Microbiology ,	UGC	Vidyasagar University on 29 th March 2005
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***The lists for Papers (Journal/ Conference) and Books must be in descending order of the publication date**

9. Honours/ Awards: NIL

10. Research Guidance (Ph D): NIL

11. Patents: NIL

12. Project Works: NIL

13. Collaborative Programs: NIL

14. Invite Lectures

Sl.	Topic of the Lectures	Institute	Year
1	In vivo and vitro functional properties study of isolated nonpathogenic <i>Lactobacillus</i> strain as probiotic for uremic induced albino rats	WOS-B programme 2011, Calcuta University, Kolkata	2011

15. Other Notable Activities:

- Biotech Research Society, India (BRSI).

16. Seminar/ Conference/ Workshop:

17. Other Notable Activities:

- Mentor of the INSPIRE Internship Science Camp SEATS for the Dept. of Microbiology.

HI index

1. Mandal S, Patra A, Samanta A, Roy S, Mandal A, Pradhan S, Das K and **Nandi DK**. Analysis of phytochemical profile of *Terminalia arjuna* bark extract with antioxidative and antimicrobial properties. Asian Pacific Journal of Tropical Biomedicine. 2013; 3(12): 960-966. **H Index: 19**
2. Mandal A, Paul T, Roy S, Mandal S, Pradhan S, Das K, Mandal KC and **Nandi DK**. Therapeutic potential of Lactobacillus ingluviei ADK10, a newly established probiotic organism against acetaminophen induced uremic rats. Biologia. 2013, 68 (6):1072-1078. **H Index: 13**
3. Patra A, Mandal A, Roy S, Mandal S, Mandal KC, **Nandi DK**. Protective effect of selected urease positive lactobacillus strain on acetaminophen induced uremia in rats. Biomedicine and preventive nutrition. 2014; 4(2): 271-276, **H Index: 5**.
4. Mandal A, Patra A, Mandal S, Roy S, Mandal KC, **Nandi DK**. Therapeutic potential of different commercially available synbiotic on acetaminophen induced uremic rats. Clinical and experimental nephrology. 2014, (Article in press). **(Impact Factor- 1.246/14). H Index: 29**.
5. Patra A, Mandal A, Samanta A, Roy S, Mandal S, Pradhan S, Das Mahapatra T, Mandal KC & **Nandi DK**. Therapeutic potential effect of Streptococcus thermophilus (MTCC 1938) on acetaminophen induced uremic male rats. Indian Journal of Biotechnology. 2014. (Accepted). **(Impact factor- 0.477/14). H Index: 17**
6. Roy S, Das K, Mandal S, Pradhan S, Patra A, Samanta A, Mandal A, Kar S and **Nandi DK**. *Asparagus Racemosus* Roots Ameliorates Acetaminophen Induced Hepatotoxicity in Rats: An Experimental, Biochemical and Histological Study. International journal of recent scientific research. 2014, (In press). **(Impact Factor- 1.13/14)**
7. Roy S, Das K, Mandal S, Pradhan S, Patra A, Samanta A, Sinha BD, Kar S and **Nandi DK**. Phytochemical analysis, antimicrobial activity and assessment of potential compounds by thin layer chromatography of ethanol fraction of *Asparagus racemosus* roots. International journal of

pharmacy and pharmaceutical sciences, 2014, 6(8); 367-370. **(Impact Factor- 1.59/14), H Index: 17**

8. Samanta A, Mandal A, Patra A, Mandal S, Roy S, Pradhan S, Das K & **Nandi DK**. Impact of probiotic supplementation on intestinal microflora of rat under environmental hypobaric pressure. International journal of current microbiology and applied sciences. 2014: 3(8), 282-291. **(Impact Factor- 1.59/12)**.
9. Pradhan S, Roy S, Mandal S, Samanta A, Patra A, Das K, Das S & **Nandi DK**. Alpha-lipoic acid a cholesterol reducer for targeting acetaminophen induced uremic male albino rat models. International Journal of pharmaceutical sciences review & research. 2014, (Accepted). **(Impact factor- 2.19). H Index: 11.**