

Dr. Dilip Kumar Nandi

Associate Professor and Head

Physiology



Education

Degree	Year	University
D.Lit./ D.Sc.	-	-
Ph.D.	1999	Vidyasagar University
M. Phil	-	-
M.A/ M.Sc.	1980	University of Calcutta
B.A./ B.Sc.	1978	University of Calcutta

Teaching Experience: 34+ Years (From April, 1981 including assistant teacher, Sri Ramakrishna Mission Vidyabhawan)

Area of Research: Physiology, Herbal drug development & Functional Food

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 A, **Nandi DK**, Roy S, Das K, Mondal KC. (2013). In Vivo Assessment Of Bacteriotherapy On Acetaminophen Induced Uremic Rats. Journal of Nephrology, 2013, 26(1), 228-236. **(Impact Factor 2.02/14)**.
10. Mandal A, Paul T, Roy S, Mandal S, Pradhan S, Mandal KC, **Nandi D**. (2013). Free Radicals Scavenging Activity Of Newly Isolated Lactobacillus Ingluviei ADK10 From The Intestinal Tract Of Chicken. Indian Journal of Experimental Biology, 51, 170-180. **(Impact Factor 1.19/14)**
11. Pradhan S, Mandal S, Roy S, Mandal A, Das K, **Nandi DK**. (2013). Attenuation Of Uremia By Orally Feeding Alpha –Lipoic Acid On Acetaminophen Induced Uremic Male Rats. Saudi Pharmaceutical Journal, 21, 187–192. **(Impact Factor 0.95/14)**.
12. Roy S, Das K, Mandal A, Mandal S, Pradhan S, **Nandi D**. (2013). Crude extract from root of *Asparagus racemosus* ameliorates acetaminophen induced uremic rats. International Journal Of Pharmaceutical Science and Research, 4(8), 3004-12. **(Impact Factor 1.89/14)**.
13. Mandal A, Roy S, Das K, Mandal S, Pradhan S, Mandal KC, **Nandi DK**. (2013). Assessment of antiuremic and antioxidative efficacy of newly established probiotic strain. e-SPEN Journal, 8(4), 155-163. **(Impact Factor 3.298/14)**.

14. 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.
15. Mandal A, Paul T, Roy S, Mandal S, Pradhan S, Das K, Mandal KC, **Nandi DK**. (2013). Therapeutic potential of *Lactobacillus ingluviei* ADK10, a newly established probiotic organism against acetaminophen induced uremic rats. *Biologia*, 68 (6), 1072-1078.
16. Bhattacharya J, Mandal A, Das K, **Nandi D**. (2011). Effect of Root Extract of *Withania sominifera* on Probiotics, *In vitro*. *International Journal of Innovative Pharmaceutical Research*, 2(1), 74-76.
17. Mandal A, Das K, **Nandi D**. (2010). *In vitro* Bioactivity Study of Bark Extract of *Terminalia arjuna* on Probiotics, Commercially Available Probiotic Formulation. *International Journal of Phytopharmacology*, 1(2), 1-5. (**Impact Factor 1.02/14**).
18. Maiti S, Patra S, **Nandi D**, Bandyopadhyay B, Mandl K C, Pati BR. (2010). Tuberculosis: studies on role of gender, age and drug addiction in eastern part of India. *SAARC J TUBER DIS.HIV/AIDS*, 7(2), 1-9. (**Impact Factor 0.81/12**).
19. Das K, **Nandi D**. (2011). Reno-protective effect of bark extract of *Terminalia arjuna* on dehydration induced uremia of rat. *Indian Journal of Physiology and Allied Sciences*, 65(2), 43-58.
20. Das K, Chakraborty PP, Ghosh D, **Nandi D**. (2010). Protective effect of aqueous extract of *Terminalia arjuna* on dehydrating induced oxidative stress and uremia in male rat. *Iranian Journal of Pharmaceutical Research*, 9(2), 153-161. (**Impact Factor 0.674/14**)
21. Das K, Tulsian T, Samanta, **Nandi D**. (2010). Effect of extract of *Withania sominifera* on dehydration induced oxidative stress related uremia of male rat. *Saudi j Kidney Dis Transpl*, 21(1), 75-80. (**Impact Factor 0.4/14**)
22. Mandal U, **Nandi D**, Chatterjee K, Biswas A, Ghosh D. (2010). Remedial effect of aqueous extract of whole plant of *Fumaria vaillantii* and ripe fruit of *Benincasa hispida* on rantidine induced-hyperchlorhydria in male rat. *International Journal of Applied Research in Natural Products*, 3(1), 37-44.
23. Mandal U, De D, **Nandi DK**, Biswas A, Ghosh D. (2009). Antihypochlorhydric and antilipidperoxidative effect of composite extract of whole plant of *Fumaria villatii* and ripe fruit of *Benincasa hispida* on aged male albino rat. *Pharmacologyonline*, 1, 573-587.
24. Das K, Tulsian T, Ghosh D, **Nandi DK**. (2009). New experimental design: dehydration induced uremia and oxidative stress on male albino rats, Innovative approach to researcher for further study on kidney disease. *Pharmacologyonline*, 3, 882-892.

25. Paul D, De D, Ali MK, Chatterjee K, **Nandi DK**, Ghosh D. (2009). Comparative study on the spermicidal activity of organic solvent fractions from hydromethanolic extracts of *Achyranthis aspera* and *Stephania hernandifolia* in human and rat sperm. *Contraception*. (**Impact Factor 3.090/14**)
26. Paul D, Mallick C, Ali MK, Chatterjee K, **Nandi DK**, Ghosh D. (2009). Duration dependent effect of hydro-ethanolic extract of leaf of *S. hernandifolia* and root of *A. aspera* on testicular androgenic and gametogenic activity: An approach for male herbal contraceptive development. *International Journal of Applied Research in Natural Products*, 2(4), 1-10.(**Impact Factor 1.32/14**)
27. K Das, D Ghosh, **D Nandi**. (2009). Nephroprotective effect of MEWS, a formulated herbal drug, in dehydration induced uremic rats. *PISMTBS*. Oct 24, 2009; pp.41-48. ISBN 978-81-89339-40-1.
28. K. Maity, K. Das & **D. Nandi**. (2007). Study of Cardiorespiratory parameters of underweight, overweight and normal weight of adolescent female in Raja N. L. Khan Women's College, Paschim Medinipur, West Bengal. *Bull. Bio. Sci*, 1(5), 19-22,
29. **Nandi, D. K**, Choudhuri S. (2006). Proper Diagnostic Value of Tumour Marker for the Detection of Cancer. *Med. Tech*, 17(1), 5-6. (**Impact Factor 0.36/12**)
30. Samanta S, Giri S, Parua S, **Nandi D.K**, Pati BR, Mondal KC. (2004). Impact on the gastrointestinal microflora. *Microbial Ecology in Health and Disease*, 16, 32-34.
31. Jana M, **Nandi DK**, Maiti R, Ghosh, D. (2001). Effect of human chorionic gonadotrophin co-administration of the activities of ovarian Δ^5 - 3β hydroxysteroid dehydrogenase and ovarian and uterine activities in lithium chloride treated albino rats. *Reprod. Toxicol*, 15, 215-219. (**Impact Factor 3.131/14**).
32. **Nandi DK.**, Ghosh D, Debnath J. (1999). Direct effect of lithium chloride on the activities on Δ^5 - 3β and 17β hydroxysteroid dehydrogenase in testis and Bidder's organ of adult toad (*Bufo melanostictus*)-in vitro study. *Folia Biologica*, 47, 73-76. (**Impact Factor 1.219/14**).
33. Parua S, Ghosh D, **Nandi DK**, Debnath J. (1998). Effect of cold exposure on testicular Δ^5 - 3β and 17β hydroxysteroid dehydrogenase and gametogenesis in breeding season in toad (*Bufo melanostictus*). *Andrologia*, 30, 105-108. (**Impact Factor 1.748/14**).
34. **Nandi D K**, Ghosh D, Debnath J. (1998). Effect of lithium chloride on steroidogenic enzymes in Bidder's organ and the blood level of testosterone in the toad (*Bufo melanostictus*). *Med. Sci. Res*, 26, 559-601.

35. **Nandi DK**, Ghosh D, Debnath J. (1998). Effect of lithium chloride on DNA and RNA content in testis and Bidder's organ of toad (*Bufo melanostictus*). J. Bioscience, 29-34.
36. **Nandi DK**, Ghosh D, and Debnath J. (1998). Effect of Human chorionic gonadotrophin supplementation on testicular activities in lithium treated Bidderectomised adult toad (*Bufo melanostictus*). Zoological Science, 4, 29-34. (**Impact Factor 1.076/14**)
37. **Nandi DK.**, Ghosh D, Parua S, Debnath J. (1994). Effect of lithium Chloride on testicular Δ^5 - 3β and 17β hydroxysteroid dehydrogenase, acid phosphatase and gametogenesis in *Bufo melanostictus*. Ind. J. Exp. Biol, 32, 337-339. (**Impact Factor 1.195/14**)
38. Ghosh D, **Nandi DK**, Debnath J. (1993). Effect of lithium chloride on testicular steroidogenesis in the hypophysectomised toad (*B. melanostictus*). Med. Sci. Res, 21, 241-243.

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

Sl No	Paper title	Author name	Sponsored	Institute
1	Impact Of Functional Foods.....uremic rats.	Nandi DK, Roy S, Pradhan S, Das K, Mandal S,	102 nd Indian Science Congress,	University of Mumbai, 3-7 January, 2015
2	Pathophysiology of kidney disease.....a review	Das K, Nandi DK	UGC sponsored national seminar	Mahishadal Girls College, Mahishadal, 2014
3	Cost effective....experimental animals	Nandi DK, Das K	DIPAS DRDO	DIPAS DRDO 2013
4	Review of DST INSPIRE Science Camp	Nandi DK	DST INSPIRE	Pondicherry university, Port Blair, Andaman, 12-13April, 2013
5	Treatment of.....functional foods.	Nandi DK	3 rd Biennial conference of South Asian Association of Physiologists (SAAP-3)	Hotel Taj Samudra, Colombo, Srilanka 7 th - 9 th Nov, 2012
6	Characterization.....rats.	Nandi DK	99 th Indian Science Congress Association	KIIT Unicersity, Bhubaneswar, 2012
7	Effect of..... uremic male albino rats.	Nandi DK	Physicon 2011	NRI Medical college & Hospital, Vijaywada, 2011
8	Reno-protective.....male rats.	Nandi DK	St. Jhon Medical College, Bangalore	St. Jhon Medical College, Bangalore 2010
9	Dehydration induced uremia on Wister strain albino male rats.(Abstract)	Das K., Tulsian T., & Nandi D.K	Proceeding of XIX th Annu. Conf. Physiol. Soc. Of India. 6-8 th December.	Manav Rachana Educational Institutions, Faridabad Institute of Technology, Faridabad(Haryana)6 th -8 th Dec,2007.

10	Study on cardiorespiratory indices of under weight, over weight and normal weight of anagement female college students in Raja N. L. Khan Women's College, Paschim Medinipur, West Bengal	Koushik Das & Dilip K. Nandi	Proceeding of XIX th Annu. Conf. Physiol. Soc. Of India. 6-8 th December.	Manav Rachana Educational Institutions, Faridabad Institute of Technology, Faridabad (Haryana) 6 th –8 th Dec, 2007.
11	Nutritional Status of Adolescent Girls in Two Different Socioeconomic Groups of WestBengal	Gupta J,Patra S, Nandi D K	Proceeding of National Seminar on Bio-Medical Laboratory Science	VIH, Midnapore 17 th – 19 th Dec 2005
12	Assessment of Nutritional Status of Postmenopausal Hypertensive Women	Bhattacharya U, Das S S, Nandi D K	Proceeding of National Seminar on Bio-Medical Laboratory Science	VIH, Midnapore 17 th – 19 th Dec 2005
13.	Nutritional Status of Adolescent Girls In Two Different Socioeconomic Groups of WestBengal	Gupta J,Patra S, Nandi D K	Proceeding of National Seminar on Bio-Medical Laboratory Science	VIH, Midnapore 17 th – 19 th Dec 2005
14.	Effect of Rifampicin On Liver Activity of Albino Rat	Maji S, Maiti S Samanta S, Parua S, Nandi, D.K & M C Mandal	Proceeding of XVI th Annual Conference of The Physiological Society if India-2004.	Raja N.L. Khan Women's College, 17 th –19 th Dec 2004.
15.	Effect of tannic acid on the liver function of male albino rat	Maji, S., Samanta, S., Parua, S., Nandi, D.K. , and Mondal K. C.	Proceeding of 'Xth West Bengal State Science & Technology Congress' p-210. (2003)	Vidyasagar University
16.	Effect of tannic acid on normal gastrointestinal flora of albino rat.	Samanta, S., Giri, S., Parua, S., Nandi, D.K. , Pati, B. R., and Mondal K. C.	Proceeding of 'Xth West Bengal State Science & Technology Congress' p-211. (2003)	Vidyasagar University
17.	Effect of ascorbic acid supplementation on hep-atic and renal toxicity in sodium arsenite treated female albino rats.	S. Chattopadhyay, S. Ghosh, D. K. Nandi , J. Debnath, and D. Ghosh	1 st National Conference on Envirionment.	Science City, Calcutta 2-5 Feb., 1999
18.	Effect of lithium chloride on histology of Bidder's organ in castrated toad (<i>B. melanostictus</i>)	D. K. Nandi , D. Ghosh, S. Parua, and J. Debnath	8 th Annu. Conf. Physiol. Soc. Of India	Vidyasagar University 6-8 th December, 1996.
19.	Effect of cold exposure on testicular acid and alkaline phosphatase in toad (<i>B. melanostictus</i>).	S. Parua, D. Ghosh, D. K. Nandi and J. Debnath	8 th Annu. Conf. Physiol. Soc. Of India	Vidyasagar University 6-8 th December, 1996.
20.	Studies on ovarian steri-odigenesis in sodium arsenite treated albino rats: Dose and duration dependent responses.	S. Chattopadhyay, D. Ghosh, D. K. Nandi , S. Parua and J. Debnath,	8 th Annu. Conf. Physiol. Soc. Of India	Vidyasagar University 6-8 th December, 1996.

21.	How Science-Minded are science students-an attitude survey.	D. K. Nandi , and N. Bhattacharya	2 nd West Bengal State Science Congress	University of Calcutta 28 th Feb-2 nd March, 1995
22.	Rural Industrialization – a way to self reliance	B. Chanda, D. K. Nandi, N. Bhattacharya, and T. Mishra.	2 nd West Bengal State Science Congress	University of Calcutta 28 th Feb-2 nd March, 1995

8. Books Published (The given format should be followed): NIL

Surname, Forename.(1st Author), & Surname, Forename (2nd Author). (Year of Publication). *Title of the Book* (Edition ed.). City: Publisher.

***The lists for Papers (Journal/ Conference) and Books must be in descending order of the publication date**

9. Honours/ Awards

- **Prof. B.B Sarkar Memorial Lecturer Awards, 2004, by Physiological Society Of India**
- Awarded social service certificate in the cause of **humanity through Medicare, rescue and relief work**

organized by St. John Ambulance Association, West Bengal state centre in the year 197.

10. Research Guidance (Ph D)

Sl No	Name of the Research Scholars	Title of the Ph. D. Thesis	Fellow or Scholarship	Year of Registration Name of the University	Research Publications and Remarks	Supervisors
Ph. D. SCHOLARS & DST INSPIRE FELLOW						
1.	Daniel Paul	Possible Antigonadal Activities of composite extract of root of <i>Achyranthes aspera</i> and leaf <i>Stephania hernandifolia</i> in male albino rat	-	Registration-2007, Vidyasagar University	International-05 Awarded.	Dr. Dilip Kumar Nandi, Asso. Prof. & Prof. Debidas Ghosh (Vidyasagar University)
2.	Koushik Das	Effect of root extract of <i>Withania sominifera</i> & bark extract of <i>Terminalia arjuna</i> on dehydration induced oxidative stress & uremia in male albino rats	-	Registration-2008, Vidyasagar University	International-11 Thesis Submitted	Dr. Dilip Kumar Nandi & Prof. Debidas Ghosh (Vidyasagar University)
3.	Arpita Mandal	Effect of probiotics on experimentally induced uremic male rats.	DST Inspire Fellow, Govt. of	Registration-2010, Vidyasagar University	International-05 Thesis Submitted.	Dr. Dilip Kumar Nandi & Dr. Keshab Ch. Mondal (

			India			Vidyasagar University)
4.	Arpita Patra	Effect of probiotics on experimentally induced uremic male rats.	-	Registration-2012, Vidyasagar University	International-02 Running	DO
5.	Suchismita Roy	Effect of root extract of <i>Asparagus racemosus</i> on experimentally induced uremic rats.	DST Inspire Fellow, Govt. of India	Registration-2012, Vidyasagar University	International-03 Running	Dr. Dilip Kumar Nandi & Dr. Sanjoy Kar (Midnapore College)
6.	Shrabani Pradhan	Effect of Lipoic Acid on acetaminophen and CCl4 induced uremic rats.	DST Inspire Fellow, Govt. of India	Registration-2013, Jadavpur University.	International-02 Running	Dr. Dilip Kumar Nandi and Dr. Sukhen Das (Jadavpur University)
7.	Shreya Mandal	Effect of bark extract of <i>Terminalia arjuna</i> on dehydration induced oxidative stress & uremia in male albino rats	UGC-Major Fellow		International-01	Dr. Dilip Kumar Nandi
8.	Animesh Samanta	Analysis of the intestinal lactic acid bacterial communities of human at high altitude condition and probiotic supplementation for improvement of health and renal profiles.	DRDO-Major Project	Registration-2014, Vidyasagar University	International-02 Running	Dr. Dilip Kumar Nandi and Dr. Sanjay Kar (Midnapore College)
9.	Soumi Chakraborty.	Studies on Hypocholesteromic and antioxidative activities Oilseeds of Brassicaceae family	-	Registration-2013, Jadavpur University.		Dr. Dilip Kumar Nandi and Dr Paramita Bhattacharya (JU)
10.	Ujjwal Mollah	Studies on present scenario of Health, Nutritional and Socio-economical status of tribes children of Jangal Mohal area in West Bengal	-	Registration-2014, Vidyasagar University	-	Dr. Dilip Kumar Nandi and Dr. Sandip Sinha (Vidyasagar University)

Research Guidance (M Phill):

Sl No	Name of The student	Title of the M.Phil Dissertation	Name of the University	Year of Registration	Remarks
1.	Mr. Koushik Das	“Effect of leaf extract of <i>Oscimum sanctum</i> on dehydration induced oxidative stress and uremia”	Vinayaka Mission university, Salem (DDE)	Dec, 2007	Awarded
2.	Mr. Dilip Kumar Mandal	Effect of root extract of <i>Withania sominifera</i> on dehydration induced oxidative stress	Do	Dec, 2007	Awarded
3.	Mr. Malay Kumar Patsa	Food habit & iron deficiency anemia of population in Block-I, Bankura District.	Do	Dec, 2007	Awarded
4.	Mr. Koushik Das	Assessment of Nutritional status of rural children -boys.	Do	Dec, 2007	Awarded
5.	Mrs. Sayanti De	Assessment of Nutritional status of rural children -girls.	Do	Dec, 2007	Awarded
6.	Mrs. Madhumita Pandey	Pattern of specific anthropometrics variable & blood pressure in Indian male with & without Coronary heart disease patients.	Do	Dec, 2007	Awarded
7.	Mr. Mahasin Mondol	Food habit & iron deficiency anemia of population in Block-I, Bankura District	Do	Dec, 2007	Awarded
8.	Mr. Suhas Barik	Effect of Meso cycle training on specific soccer skill test.	Annamali University	March, 2008	Awarded

11. Patents: NIL**12. Project Works:**

Sl.	Funding Agency (Date and File No.)	Title of the Project Work	Name of the Scholar	Amount	Status [Completed (Year)/ Ongoing]
1.	UGC	Effect of Terminalia arjuna on acetaminophen induced uremic albino mala rats.	Shreya Mandal	Rs. 10,25,800 /-	Completed (July, 2015)
2	DIPAS DRDO	Analysis of the intestinal lactic	Animesh	Rs.	Completed

		acid bacterial communities of human at high altitude condition and probiotic supplementation for improvement of health and renal profiles.	Samanta	8,50,000 /-	(August, 2014)
3	UGC	Effect of lithium chloride on female Reproductive system in albino rats.	-		Completed
4	UGC (F. PSW-163/06-07 (ERO) DT 10.02. 2007)	Herbal Management of Experimental Hypochlorhydria using crude extract of Finland pumitory (Fumaria vaillantia loisel): An Experimental approach on rat as laboratory animal model animal	-		Completed
5.	ICMR	Role of leaf extract of Stephania hernandifolia (aknadi) on fertility regulation in male : an evaluation for male pill of plant origin for 21 century.	-		Completed
6.	Ministry of Science and Technology Govt. of India	Possible effect of seed extract of Tamarindus indica on insulin dependent Diabetes Mellitus (IDDM) & IDDM induced testicular Disorders.			Completed
7.	AICTE	Role of leaf extract of Stephania hernandifolia fertility regulation in female rat an evaluation.			Completed

13. Collaborative Programs:

- i. **Bose Institute:** Prof. Tanya Das, Dept. of Molecular Medicine, Address: P 1/12, CIT Rd, Kankurgachi, Kolkata, West Bengal-700054, E mail- tanya@bic.boseinst.ernet.in
- ii. **Indian Institute of Technology:** Prof. Mahitosh Mandal, School of Medical Science & Technology) Address: Kharagpur, Paschim Medinipur, West Bengal. E mail- mahitosh_mandal@yahoo.com, mahitosh@smst.iit.kgp.ernet.in
- iii. **Jadavpur University:** Dr. Paramita Bhattacharyay, Dept. Of Food Technology.
- iv. **Vidyasagar University,** Prof. Debidas Ghosh, Dept. of Biomedical Laboratory Science & Management and

Clinical Nutrition & Dietetics.

Prof Keshab Ch. Mondal, Dept. of Microbiology,

Address: P.O.- Vidyasagar University Dist. Paschim Medinipur, West Bengal

721102, E mail- mondalkc@gmail.com, kcmondal@mail.vidyasagar.ac.in.

v. **Cytometry Solutions Pvt. Ltd**, Dr. Sanjaya K Mallick, **Tripti Mitra's Garden**, Balia, Kolkata

Pin:700084

14. Invite Lectures

Sl.	Topic of the Lectures	Institute	Year
1	Therapeutic efficacy of..... of rats.	Indian Science Congress, university of Mumbai	2015
2	Pathophysiology of kidney disease.....:a review	Mahishadal Girl's College	2014
3	Cost effective....functional foods	Physiological Society of Sri Lanka, Sri Lanka	2013
4	Review of DST INSPIRE Science Camp	Pondicherry university, Port Blair, Andaman	2013
5	Cost effective....experimental animals	DIPAS- DRDO	2013
6	Anti uremic effect of.....uremic rats.	Mahishadal Girls College	2012
7	Perspective of National rural health Mission.	Bjkul Milani Mahavidyalaya (UGC sponsored national seminar)	2012
8	Reno-protective.....male rats.	St. Jhon Medical College, Bangalore	2010
9	Characterization.....rats.	Indian Science Congress (KIIT University)	2012
10	Effect of..... uremic male albino rats.	NRI Medical college & Hospital, Vijaywada	2011

15. Membership of Learned Societies

- The Indian Science Congress Association.
- Physiological Society of India (PSI) & Assistant Secretary of EC Committee.
- Nutrition Society of India (NSI)
- St. John Ambulance Association.
- Indian Red Cross Society.
- Biotech Research Society, India (BRSI).
- Vice President of South Asian Association of Physiologists (SAAP)
- Federation of Indian Physiological Societies(FIPS)

16. Seminar/ Conference/ Workshop

Sl	NAME	SPONSORING AGENCY	PLACE AND DATE
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No			
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	102 nd Indian Science Congress on Science & Technology for Human Development	Indian Science Congress Association	University of Mumbai, from 3-7 January,2015
3	National seminar on "Community metabolic Disorder and dietary therapeutic approaches".	ICMR sponsored	Raja N L Khan Womens College, 22-23 rd December, 2014
4	Physicon 2014 on 'better physiology: better life'	Physiological Society of India	Department of Physiology & Zoology, Berhampore Girls' College, Berhampore. 19 - 21st December, 2014.
5	International Conference on Emerging Trends in Biotechnology (ICETB 2014)	BRSI, New Delhi	Jawaharlal Nehru University (JNU), New Delhi, India.6-9 Nov, 2014
6	DST INSPIRE Science Camp Workshop-2013	DST, New Delhi	Pondicherry university, Port Blair, Andaman, 12-13April, 2013.
7	Indian Science Congress -2013	Indian Science Congress	University of Calcutta, Kolkata 3 rd – 7 th January, 2013
8	3 rd Binnial conference of South Asian Association of Physiologists (SAAP-3)	SAAP	Hotel Taj Samudra, Colombo, Srilanka 7 th -9 th Nov, 2012
9	UGC Sponsored National Seminar Modern trends in Life Science	UGC	Department of Life sciences of Raja N L Khan Women's College 17-18 th March, 2012
10	UGC Sponsored National Seminar Modern trends in Life Science	UGC	Department of Nutrition Mahisadal Women's College 15-16 th February, 2012
11	UGC Sponsored National Seminar "Rural Health & Nutrition : Recent Trend & Monitoring"	UGC	Department of Physiology Bajkul Milani Mahavidyalay20-21 th January 2012
12	Indian Science Congress 2011	Indian Science Congress	Bhubaneswar, 2012
13	Physicon 2011	Physiological Society of India	NRIH Medical College Vijaywada 21-23 December 2011
14	UGC Sponsored National Seminar	UGC	Department of Human Physiology with Community Health, 30 th March, 2010
15	International Seminar on " Higher Education and Employability"	Vidyasagar University Research Association	Vidyasagar University, 27 th Feb, 2009
16	Orientation Programme for Academic Counselors	Netaji Subhas Open University,	Panskura Banamali College, 28 th Feb, 2009
17	UGC Sponsored National Seminar on " Current Trends of Researches in Health and Diseases"	UGC	Department of Human Physiology with Community Health, 30 th March, 2009
18	UGC ponsored State Level Seminar on Organic Farming for Green and Clean World	UGC	Raja N L Khan Women's College, 24 th Sep,2008
19	XIX th Annual Conference of PSI, "Current Approach of Physiology to Therapeutics and Rehabilitation"	UGC	Manav Rachana Educational Institutions, Faridabad Institute of Technology, Faridabad (Haryana)6 th –8 th Dec,2007.

20	Workshop on "PCP for PG Courses	NSOU & UGC	Kolkata 2 nd February, 2005
21	Seminar on 114 th Birth Annual of NM BASU & Physiological meet	Dept. of Physiology, Raja N L Khan Women's College	Paskura Banamali College 11 th March, 2005
22	Seminar on INFLIBNET	UGC	Kolkata 8 th November, 2005
23	International Symposium on "medical Plants & Herbal Products in Biomedicine & their efficacy in the present Era & XXVI Annual Conference of IABMS -2005"	UGC & DRDO	Science City, Kolkata 25-27 th November, 2005
24	Seminar on "Role of Teaching Community on conservation of academic climate & Standard in Educational Institution"	V.U	K.D. College, Midnapore 19 th Nov, 2005
25	Workshop on the Revise syllabi of Physiology (Hons & Gen)	VU & WBCUTA	Midnapore college, Midnapore 15 th Dec. 2005
26	National Seminar on "Bio-Medical Laboratory Science"	ICMR, DST, DRDO & UGC	VIH, Midnapore 17-19 th Dec, 2005
27	Seminar on "EDUSET"	AIU & NSOU	Kolkata 7 th December, 2004
28	16 th Annual Conference of PSI	UGC, DRDO	Rabindra Neer, Raja N L Khan Women's College 16 th - 18 th December, 2004
29	NSS, NI- Camp 2004	Ministry of Youth & Welfare Government of India	Raja N L Khan Women's College 23 rd - 31 st December, 2004
30	"Platinum jubilee celebration of WBCUTA" inaugurated by Prof. Amartya Sen.	WBCUTA	Calcutta University Centenary Hall 12 th January, 2003
31	Seminar on "Globalization and its impact on Higher Education in India"	WBCUTA	Precidency College Derozio Hall 13 th January, 2003
32	"All India open Universities Vice-chancellors conference and seminar on best practices in open distance learning in emerging scenario"	Council of Distance Education and Netaji Subash open University	Sisir Mancha, Kolkata 2 nd -3 rd February' 2003
33	Seminar on "Bharatiya Sabhyata O Sanskritick Prabhaya	UGC	Rabindra Neer, Raja N L Khan Women's College 8 th February' 2003
34	Seminar on "Centenary celebration of Physiology as a basic science in India"	Dept. of Physiology, Raja N L Khan Women's College	Rabindra Neer, Raja N L Khan Women's College 6 th March' 2002
35	Seminar on Role of Distance Education in Higher Education	NSOU, Kolkata.	NSOU, Kolkata 24 th March, 2002
36	Attended 'Ronald Ross Memorial Oration' delivered by Dr. Arun Roy, Bose Institute, Kolkata on "Brain, Behavior and Hormone",	Physiological Society of India and Vidyasagar University	Department of Human Physiology with Community Health, Vidyasagar University 18 th April, 2002
37	National seminar on "Developing	The commonwealth of	Kalakunj, Kolkata

	open and distance learning into a science”	Learning & IGNOU, New-Delhi	30 th August, 2002
38	Seminar on “Impact of globalization on Higher Education”	WBCUTA	Balurghat College 28 th September, 2002
39	“110 th Birthday celebration of Prof. N. M. Basu and Physiological meet”	Dept. of Physiology, Raja N L Khan Women’s College	Rabindra Neer, Raja N L Khan Women’s College, on 30 th March’ 2001
40	Workshop on Youth Parliament for Colleges	Dept of Parliamentary Affairs, Govt. of W. Bengal	Assembly house, Calcutta, 18 th January, 2000
41	Sixth State conference of PBVM	PBVM, State committee	Zilla Parishad, Midnapore, 23-26 th January, 2000
42	Workshop on ‘Continuing Education Programme’ preparation of Books for new literate	National literacy Mission and Midnapore Literacy and Immunization Samity	Planning & Development Society, Barua, Midnapore, 7 th Feb, 2000
43	National Symposium on the emerging issues of the Biological Science in the New Millenium	UGC & MCKV Institute of Engineering	Vidyasagar University, Midnapore, 23-25 th March 2000
44	Seminar on the syllabus of Environmental Study of Vidyasagar University	UGC & Govt. of W. Bengal	Raja N L Khan Women’s College, 28 th May, 2000
45	Vigyan Abhijan-2000	Ministry of Youth Affairs, Govt of WB	Midnapore Zilla Parishad, 8-9 th July, 2000
46	Workshop of Teacher’s Training on Environmental Studies	UGC & V U	Vidyasagar University 20 th July, 2000
47	74 th Biannual Conference & Annual General Meeting	WBCUTA, AIFUCTO & World Federation of Teacher’s Union	Bolpur College 22-23 rd July 2000
48	Orientation –cum-Workshop of the Counselor’s	NSOU	Raja N L Khan Women’s College, 30 th July 2000
49	Public seminar on Libraries management rules Act and Role of Local Library Authorities	Directorate of Library Services, Govt. of W.B. and Raja Rammohan Roy Library Foundation	Sanskriti Bhawan, Burdwan, 15 th Sep. 2000
50	Workshop on Bioinformatics and its application	Dept. of Biotechnology, Govt. of India & IIT Kharagpur	IIT, Kharagpur, 29-30 th September, 2000
51	XV Annual Conference of Paschim Banga Itihas Samsad	Vidyasagar University, Midnapore & Paschim Banga Itihas Samsad (PBIS)	VU campus, Midnapore 23-26 th Jan., 1999
52	National Conference on Environment	DST, Govt. of WB & Dept. of Environment, Govt. of WB and AIPSN, PBVM	Science City, Calcutta, 2-5 th February, 1999
53	Seminar on the occasion of Platinum Jubilee of Association of Indian Universities-‘Emerg-ing areas in Higher Education and 14anagement of Distance Deucation’.	UGC & Association of Indian Universities and Netaji Subhas Open University (NSOU)	NSOU Campus, Calcutta 14-15 th Semptember, 1999

54	National Seminar on the Problems & Prospect of Vocational Education in India	Directorate of Public Instruction (DPI), Govt. of WB and UGC	Rana N L Khan Women's College, Midnapore, 7-8 th February, 1998
55	Biennial Conference of West Bengal College & University Teacher's Association (WBCUTA)	WBCUTA, State Committee	Science City, Calcutta 4-5 th April, 1998.
56	Faculty Development Programme on Entrepreneurship	DST, Govt. of WB and WBCON, Calcutta	NSOU Study Centre, Midnapore, 15-26 th June, 1998.
57	International Symposium on Biotech Industry-a challenge for 2005 with special reference to fermentation	Dept. of Biotechnology, Govt. of India, and All India Biotech Association	Humardardh University, New-Delhi, 4-7 th Nov., 1998
58	Desh-ko-Janein Desh-ko-Badlein (DJKB) National Training Camp for State resource persons	DST, Govt. of Kerala, AIPSN & BGVS (Bharat Gyan Vigyan Samity)	IRTC, Palakkad, Kerala, 14-22 nd Jene, 1997
59	State Level Training Camp on DJDB	STATE Institute of Panchayats and Rural Development (SIPRD) Govt. of West Bengal	SIPRD, Kalyani, Nadia, 4-6 th September, 1997
60	National Seminar on Science, Philosophy and Society	Calcutta School of Philosophical Research and PBVM, State Committee	Bangla Academic, Calcutta, 8-10 th Aug, 1997
61	Workshop on State Technology Application	DST, Govt. of WB & PBVM State Committee	Ranindrabhanan, Howrah, WB, 24-25 th Aug, 1997
62	7 th All India People's Science Congress	DST, Govt. of Madhyapradesh & AIPSN	Bhopal (MP), 15-18 th Feb 1996
63	VIII Annual Conference of the Physiological Society of India	Vidyasagar University & Physiological Society of India (PSI)	Vidyasagar University 6-8 th December, 1996
64.	Fifth State Conference of PBVM	Zilla Parishad, Jalpaiguri & PBVM, State Committee	Jalpaiguri, 25-28 th December, 1996
65.	Second West Bengal State Science Congress	W. B. State Council of Science & Technology. & DST, Govt. of WB and University of Calcutta	University of Calcutta, 28 th Feb-2 nd March, 1995
66.	Fourth State Conference of PBVM and Exhibition	DST, Govt. of West Bengal & PBVM State Committee	Jadavpur University, 4-6 th Oct, 1994
67.	Third State Conference of PBVM	PBVM, State Committee & DST, Govt. of West Bengal	Rabindrabhanan, Bali, Howrah, 23-25 th , January, 1993
68.	All India Children Science Festival & Teachers Exchange Programme	DST, Govt of India & All India People Science Network (AIPSN)	Jalpaiguri, 23-30 th Dec, 1993
69.	National Workshop on Bharat Jan Gyan Vigyan Jatha-II	National Council of Science & Technology Communication, DST, Govt of India	DST, New Delhi, 5 th August, 1992

17. Other Notable Activities:

- Consultant: Cytometry Solutions Pvt. Ltd. Kolkata
- Board of studies member of Nutrition (UG & PG), Vidyasagar University
- Board of studies member of Physiology (UG & PG), Midnapore College
- Hony. District Secretary, St. John Ambulance Association
- Convener of Pension and service book subcommittee, Raja N L Khan Women's College
- Head Examiner, Moderator and Examiner of Physiology (UG, PG), Nutrition (UG, PG), BMLT of Vidyasagar University, Sidho Kanho Birsa University, Burdwan University, Kalyani University etc.
- IGNOU Observer
- Former coordinator and EC member of Netaji Subhas Open University(NSOU)
- EC Member , Optometry college of Vision Science, Kolkata
- Former District General Secretary of Bharat Gyan Vigyan Jatha & Sishu Viyan Utsab-1993 under AIPSN & National Council Of Science Technology Communication(NCSTC),DST.