

CURRICULUM VITAE

Name: Nilotpal Mandal

1. Designation: Government approved PTT
2. College: MAHISHADAL GIRLS' COLLEGE
3. Date of Birth: 14TH day of January, 1981 (14-01-1981)y
4. Cast : OBC-B
5. Father's Name: Tarun Kanti Mandal
6. Mother's: Amitamandal
7. Address: Parmanent: VILL+ P.O.-Ragra
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8. E-mail: mandalnilotpal@gmail.com
9. Contact No.: 9932648049
10. Educational Qualification:

NAME OF THE EXAM	BOARD/COUNCIL/ UNIVERSITY	YEAR OF PASSING	MARKS OBTAINED	TOTAL MARKS	% OF MARKS	DIVISION/ CLASS
MADHYAMIK	W.B.B.S.E	1996	577	800	60.77	1 ST
H.S	W.B.C.H.S.E	1998	522	1000	49.2	2 ND
B.Sc. (PHYH)	Vidyasagar University	2002	417	800	52.12	2 nd
M.Sc. (Nutrition & Dietetics)	Vidyasagar University	2004	892	1200	58.6	2 nd

11. Language Known : English, Bengali, Hindi

12. Teaching Experiences:

Name of School /College	Date of Joining	Date of Leaving	Total Duration	Teach
Mahishadal Girls' College	14.09.2005	Contd.	13 year	General and Honours

13. Hobbies: Reading, gardening, sports, recitation, drama.

14. Research Experience: About fourteen years (since November 2004) research experience in the field of Neurobiology in the Dept. of Human Physiology with Community Health, Vidyasagar University, PaschimMedinipur, West Bengal, India.

15. Presentation of Papers:

Sl.No.	Year	Venue	Level	Topic
	2005	National seminar on Bio-Medical Laboratory Science	National	Effect of Lesion of Posterior Cerebellar Vermis on some Immune Responses in Rat. National seminar on Bio-Medical Laboratory Science,
4.	2006	13 th State Science Congress	National	PMN Activity on Amygdala lesion in Rat.
5		4 th Congress of Federation of Indian Physiological Society, 11-13 January 2007, DRDO, Delhi, India.	National	Effect of Water Extract of <i>Moringaoleifera</i> Root Extract on The Spontaneous Electrical Activity of Brain of Rats
	2009	UGC sponsored national seminar on "Current trends of researches in health and disesses". Vidyasagar University.	National	Effects of lesion of Central nucleus of Amygdala on some immune responses and hematological parameters in rats.
1	2010	Mahishadal Girls' college	National	Anthropology in Human development A bio- cultural perspective
2	2012	Mahishadal Girls' college	National	Food and Nutrition in Community Health rural Perspective of West Bengal
3	2013	Mahishadal Girls' college	National	Food Fortification In

				Community Health Rural Perspective of India
4	2017	HIHS	National	Nutritional Modification in Therapeutic Diets
5	2017	MahishadalGirls'college	International	Global Innovation & Research in Education, Sports Sciences and Yoga.

16. Seminar/Workshop Participations:

1	2004	XVith Annual Conference of PSI	National	Some Immune Responses After Electrolytic Lesion of Basolateral Amygdala in Rats.
2	2005	International Symposium and XXVI, IADNS Annual Conference	International	The effect of lesion of Amygdala on LAI in Rat.
3	2005	National seminar on Bio-Medical Laboratory Science	National	Effect of Lesion of Posterior Cerebellar Vermis on some Immune Responses in Rat. National seminar on Bio-Medical Laboratory Science,
4.	2006	13 th State Science Congress	National	PMN Activity on Amygdala lesion in Rat.
	2006	<i>Proc. 18th Annual Conf. of PSI</i>	National	1. Effect of water extract of <i>Marsilea quadrifolia</i> on the spontaneous electrical activity of rats' brain.
5		4 th Congress of Federation of Indian Physiological Society, 11-13 January 2007, DRDO, Delhi, India.	National	Effect of Water Extract of <i>Moringa oleifera</i> Root Extract on The Spontaneous Electrical Activity of Brain of Rats
6	2006	<i>Proc. 18th Annual Conf. of PSI.</i>	National	Effect of water extract of <i>Marsilea quadrifolia</i> on the spontaneous electrical activity of rats' brain.
7	2007	<i>Proc. 4th Cong. of FIPS</i>	National	The effect of lesion of medial septum and striaterminalis on some immune responses in rats. <i>Proc. 4th Cong. of FIPS,</i>

8	2007	Annals of Neurosciences	National	Effect of hypobaric hypoxia on some immune responses in rats.,
9	2009	96 th Indian Science Congress	national	Effects of lesion of Amygdala on phagocytic activity of WBC and delayed type of hypersensitivity in male albino rats.
10	2009	“Current trends of researches in health and diseases”. Vidyasagar University	National	Role of medial septum on some immune responses in rats.
11	2009	Vidyasagar University	National	Effects of lesion of Central nucleus of Amygdala on some immune responses and hematological parameters in rats.
12	2009	Vidyasagar University	National	Effects of naproxen on some immune responses in simulated hypobaric hypoxia in male albino rats.
13	2010	97 th Indian Science Congress.	National	Power spectrum analysis of cortical EEG after stimulation of medial septum glutamatergic receptors in conscious rats.
14	2010	97 th Indian Science Congress.	National	Effect of Vitamin C on the Hypobaric Hypoxia induced immune changes in male rats.
15	2010	Mahishadal Girls' college	National	Anthropology in Human development A bio- cultural perspective
16	2012	Mahishadal Girls' college	National	Food and Nutrition in Community Health rural Perspective of West Bengal
17	2013	Mahishadal Girls' college	National	Food Fortification In Community Health Rural Perspective of India
18	2017	HIHS	National	Nutritional Modification in Therapeutic Diets
19	2017	Mahishadal Girls' college	International	Global Innovation & Research in Education, Sports Sciences and Yoga.

2. 1. **N. Mandal**, D. Majumder, S. Ghosh & T.K. Ghosh (2004): Some Immune Responses After Electrolytic Lesion of Basolateral Amygdala in Rats. XVIth Annual Conference of PSI 16th – 18th December 2004, page – 31.*
- 3.
4. 2. **N. Mandal**, D. Majumder and T.K. Ghosh (2005): The effect of lesion of Amygdala on LAI in Rat. International Symposium and XXVI, IADNS Annual Conference November 25.7.2005, Page 27-28.*
- 5.
6. 3. Arpita Roy, Manish Kumar Bhattacharjee, **Nilotpall Mandal** and Tushar Kanti Ghosh (2005) : Posterior Cerebellar Vermis on some Immune Responses in Rat. National seminar on Bio-Medical Laboratory Science, December 17.19.2005, page – 27 Effect of Lesion of.*
- 7.
8. 4. **N. Mandal**, D. Majumder and T.K. Ghosh (2006) : PMN Activity on Amygdala lesion in Rat. 13th State Science Congress, 28 February – 1 March 2006, Cronic Number : D16, Page 155.*
- 9.
10. 5. **Mandal N.**, Santra S., Chakraborty U. and Ghosh T.K. : Effect of Water Extract of *Moringaoleifera* Root Extract on The Spontaneous Electrical Activity of Brain of Rats. 4th Congress of Federation of Indian Physiological Society, 11-13 January 2007, DRDO, Delhi, India. *
- 11.
12. 6. **Mandal N** , M.. Sarkar, U. Chakraborty and T. K. Ghosh: Effect of water extract of *Marsilea quadrifolia* on the spontaneous electrical activity of rats' brain. *Proc. 18th Annual Conf. of PSI*, Abst. No. PP 8, P-118, 2006.*
- 13.
14. 7. Dutta G, P. Barik, **N. Mandal** and T. K. Ghosh: The effect of lesion of medial septum and striaterminalis on some immune responses in rats. *Proc. 4th Cong. of FIPS*, Abst. No. S 10.1, P-71, 2007.
- 15.
16. 8. Ghosh, T.K, **Mondal, N.**, Dutta, G.. Effect of hypobaric hypoxia on some immune responses in rats. *Annals of Neurosciences*, 14(supplement), P- 64, 2007.
- 17.
18. 9. **Mandal, N.**, Dutta, G., Ghosh, T.K. Effects of lesion of Amygdala on phagocytic activity of WBC and delayed type of hypersensitivity in male albino rats. 96th Indian Science Congress, Abs. No. 68.P-57, 2009. (Section of medical science including Physiology).*
- 19.
20. 10. Dutta, G., **Mandal, N.**, Goshami, A.R., Sahu, S., Ghosh, T.K. Role of medial septum on some immune responses in rats. UGC sponsored national seminar on “Current trends of researches in health and disesses”. Vidyasagar University. P- 38, 2009.
- 21.
22. 11. **N. Mandal**, G. Dutta, A. R Goswami, S. Sahu, U. Chakraborty, and T.K. Ghosh. Effects of lesion of Central nucleus of Amygdala on some immune responses and hematological parameters in rats. UGC sponsored national seminar on “Current trends of researches in health and disesses”. Vidyasagar University. P- 40, 2009.*

23.

24. 12. A. R. Goswami, G. Dutta, S. Sahu, **N. Mandal** and T. K. Ghosh. Effects of naproxen on some immune responses in simulated hypobaric hypoxia in male albino rats. UGC sponsored national seminar on "Current trends of researches in health and diseases". Vidyasagar University. P- 34, 2009.

25.

26. 13. Dutta. G, Goswami. A.R., **Mandal. N.**, Ghosh. T.K. Power spectrum analysis of cortical EEG after stimulation of medial septum glutamatergic receptors in conscious rats. 97th Indian Science Congress. Abs. No. 79.P-160, 2010. (Section of medical science including Physiology).

27.

28. 14. A. R. Goswami, G. Dutta, S. Sahu, **N. Mandal** and T.K. Ghosh. Effect of Vitamin C on the Hypobaric Hypoxia induced immune changes in maulrats. 97th Indian Science Congress. Abs. No. 31.P-115, 2010. (Section of medical science including Physiology).

29. Publications

Published Proceedings (National):

1. **Mandal N.**, Sahu A., (2010) Role of supplementary diet on iron deficiency anemia in pregnant women of Tamuk. Anthropology in human development: A bio-cultural perspectives. part-II, 123-134.

2. **N. Mandal**, D. Majumder, S. Ghosh & T.K. Ghosh (2004): Some Immune Responses After Electrolytic Lesion of Basolateral Amygdala in Rats. XVIth Annual Conference of PSI, P – 31.

3. Arpita Roy, Manish Kumar Bhattacharjee, **Nilotpal Mandal** and Tushar Kanti Ghosh (2005) : Effect of Lesion of Posterior Cerebellar Vermis on some Immune Responses in Rat. National seminar on Bio-Medical Laboratory Science, P– 27.

4. **N. Mandal**, D. Majumder and T.K. Ghosh (2006) : PMN Activity on Amygdala lesioned Rat. 13th State Science Congress, Cronic Number : D16, P 155.

5. **Mandal N** , M. Sarkar, U. Chakraborty and T. K. Ghosh: Effect of water extract of *Marsilea quadrifolia* on the spontaneous electrical activity of rats' brain. *Proc. 18th Annual Conf. of PSI*, Abst. No. PP 8, P-118, 2006.*

6. **Mandal N.**, Santra S., Chakraborty U. and Ghosh T.K. : Effect of Water Extract of *Moringa oleifera* Root Extract on The Spontaneous Electrical Activity of Brain of Rats. 4th Congress of Federation of Indian Physiological Society, DRDO, Delhi, India. 2007.

7. Dutta G, P. Barik, **N. Mandal** and T. K. Ghosh: The effect of lesion of medial septum and striaterminalis on some immune responses in rats. *Proc. 4th Cong. of FIPS*, Abst. No. S 10.1, P-71, 2007.

8. **Mandal, N.**, Dutta, G., Ghosh, T.K. Effects of lesion of Amygdala on phagocytic activity of WBC and delayed type of hypersensitivity in male albino rats. 96th Indian Science Congress, Abs. No. 68.P-57, 2009. (Section of medical science including Physiology).*

1. Dutta, G., **Mandal, N.**, Goshami, A.R., Sahu, S., Ghosh, T.K. Role of medial septum on some immune responses in rats. UGC sponsored national seminar on “Current trends of researches in health and disesses”. Vidyasagar University. P- 38, 2009.
2. **N. Mandal**, G. Dutta, A. R Goswami, S. Sahu, U. Chakraborty, and T.K. Ghosh. Effects of lesion of Central nucleus of Amygdala on some immune responses and hematological parameters in rats. UGC sponsored national seminar on “Current trends of researches in health and disesses”. Vidyasagar University. P- 40, 2009.*
3. A. R. Goswami, G. Dutta, S. Sahu, **N. Mandal** and T. K. Ghosh. Effects of naproxen on some immune responses in simulated hypobaric hypoxia in male albino rats. UGC sponsored national seminar on “Current trends of researches in health and disesses”. Vidyasagar University. P- 34, 2009.
4. Goswami A.R., **Mondal N.** and Ghosh T.K. (2009). Effect of Simulated Hypobaric Hypoxia on some Immune Responses in Male Albino Rats. Proc. 96th ISC Section Medical Sciences (Including Physiology), Part II, pp-58 & 59.
5. **Mandal N.**, Chaudhuri S., Dutta G., Goswami A.R. and Ghosh T.K. (2010). Effects of Exercise Training on Some Non-specific Immune Responses in Male Rats. UGC sponsored national seminar on “*Emerging Issues in Physiology and Allied Sciences*”. Organised by Dept. of Human Physiology with Community Health, Vidyasagar University Midnapore-721102, West Bengal, India, pp- 48.
6. Dutta. G, Goswami. A.R., **Mandal. N.**, Ghosh. T.K. Power spectrum analysis of cortical EEG after stimulation of medial septum glutamatergic receptors in conscious rats. 97th Indian Science Congress. Abs. No. 79.P-160, 2010. (Section of medical science including Physiology).

7. A. R. Goswami, G. Dutta, S. Sahu, **N. Mandal** and T.K. Ghosh. Effect of Vitamin C on the Hypobaric Hypoxia induced immune changes in maulrats. 97th Indian Science Congress. Abs. No. 31.P-115, 2010. (Section of medical science including Physiology).
8. Goswami A.R.,Dutta G., **Mandal N.** and Ghosh T.K. (2011). Effects of Naproxen on the Neurotransmitter Levels of the Different Brain Areas in Male Rats Exposed to Simulated Hypobaric Hypoxia. Proc. 98th Indian Science Congress, Section XI: Medical Sciences (including Physiology), Part-II, Abs. No. 31, pp-209,
9. **NilotpaiMandal.**, SayantaniMaiti., SudipBhui and SomnathMishra. Iron Status of Premenopausal Women of Tamluk at PurrbaMidnapur in West Bengal: Prevalence of Deficiency in High and Low socio-economic groups. *National Seminar cum Workshop on Application of Advance Techniques in Bio-Medical Laboratory Science*. Organized by Dept. of Bio-Medical Laboratory Science & Management, Vidyasagar University.pp-91,2011.
10. Goswami A.R.,Dutta G, **Mandal N** and Ghosh T.K. (2012). Effects of Vitamin C on the Neurotransmitter Levels of the Different Brain Areas in Male Rats exposed to Simulated Hypobaric Hypoxia. International Conference on *Frontiers in Biological Researches (ICFBR-2012)*. Organized by Dept. of Human Physiology with Community Health, Vidyasagar University. Abs. No. 32, pp-108.

30. Articales/ Edited Volumes / Books:

Full Research Article(International):

- 1.Dutta. G, Mandal. N., Goswami A.R. and Ghosh. T.K (2011). Effects of Electrolytic Lesion of Medial Septum on Some Immune Responses in Rats.Neuroimmunomodulation 18:232–239.
- 2 .Sahu S., Dutta G., Mandal N., Goswami A.R. and Ghosh T.K. (2012) Anticonvulsant effect of Marsileaquadrifolia Linn. onpentylenetetrazole induced seizure: A behavioral and EEG study in rats. J. Ethnopharmacol. DOI 10.1016/j.jep.2012.02.039
4. Goswami A.R., Mandal N., Dutta G. and Ghosh T.K. (2012). Effects of naproxen on the hypobaric hypoxia-induced immune changes in male rats. Eur J ApplPhysiolDOI 10.1007/s00421-012-2317-9.

5. N. Mandal., A. Bera., S.Maity., D. Sahu. Effectiveness of Weekly Supplementation of Iron to Control Anaemia among Adolescent Girls of Lodha and rural area of Narayangarh (West Bengal), India. *Tribal health Bulaten by ICMR.2014.(on press)*.
6. N. Mandal, S. Maity, D. Sahu, 'A Study of Correlation between growth and development of physical active children (5-8 years) with different race (Hindu, Muslim and Behari) of Haldia' at PurbaMedinapur in West Bengal, India, International Journal of Physical Education, Sports and Health, Page-73-80, Issue-4, Vol -1, 2015.
7. N. Mandal, S. Maity, D. Sahu, 'A Study of Correlations between dominant handgrip strength with some selected anthropometric and physiological characteristics in inter-college male volleyball players of West Bengal, India, International Journal of Physical Education, Sports and Health, Page-17-22, Issue-5, Vol-1, Year-2015.
8. NilotpallMandal, GoutamDutta, AnandarajGoswami, TusharkantiGhosh, 'Effect of lesion of Amygdaloid nuclei on blood immunocytes in male albino rats', The Pharma Innovation, Page: 102-106, Issue -8, Vol-4, Year-2015.
9. N. Mandal, S. Maiti& E. Bera, 'Nutritional status (Iron, B12, Folate) of Premenopausal women (16-40 years) of rural area at Tamluk town' PurbaMidnapore in West Bengal, A Multilingual Multidisciplinary Peer Reviewed Journal, Pages – 116-127, Vol – VIII, Year – 2015.
10. AnushreeSankarSahu, NilotpallMandal, 'A Study of Supplementary diet on iron deficiency anemia in pregnant women of Tamluk' at PurbaMidnapur District in West Bengal, India, International Journal of Physical Education, Sports and Health, Page – 05-13, Issue – 1, Vol -1, Year -2016.
11. AnushreeSankarSahu, SamitMitra, NilotpallMandal, 'A Study on safe motherhood and child survival in coming days and to reduce infant mortality: Promote maternal and child health care', International Journal of Physical Education, Sports and Health, Page – 14-24, Issue- 1, Vol -1, Year-2016.
12. SayantaniMaity, Kushik Das, NilotpallMandal, 'To investigate which solvent extract (aqueous, methanol, acetone and hexane) of Apple banana is more potent content of phyto compound', International Journal of Physical Education, Sports and Health, Page – 14-24, Issue- 1, Vol -1, Year-2016.
13. NilotpallMandal, AnandarajGoswami, GoutamDutta, DurjoyMazumdar, TusharkantiGhosh, 'Basolateral amygdala influences the phagocytosis of Reticuloendothelial cells in rats', Page -38-41, Issue -9, Vol -4, Year - 2016

31. Career Oriented Courses: N/A
32. Performed Assigned Duties: Exam duty (Both College and University- Invigilator), In B.Sc. level: As an examiner in Practical and Theoretical paper of sub –Nutrition/ Physiology from 2005 to till now. Examiner of N.S.O.U.
33. Special Academic Achievement: Nil
34. Professional Qualification :
35. Social Service: Health awareness Programme,
36. Other Qualification: Nil
37. Declaration: I do hereby declare that the abovementioned information is true and will be responsible if it is found false or incorrect.

[NilotpalMandal]
Govt. Approved P.T.T.
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