



Dr. Amitava Kar  
Department of Human Physiology  
Kabi Nazrul Mahavidyalaya

EDUCATIONAL QUALIFICATION: M.Sc., Ph D, F.I.M.A.R

SPECIALIZATION/AREA OF INTEREST: Cardiovascular and Exercise Physiology

PROFESSIONAL EXPERIENCE: More than 33 years of service as a college teacher

ATTENDED ORIENTATION/ REFRESHER TRAINING/ PH.D.COURSE WORK:

Sl. No.	Type of Course	Period of training	Academy/ Institution

No.

PUBLICATION DETAILS:

Articles:

Sl. No.	Published by	Title of Paper	Title of the Book / Journal	Editor of the Book/Journal	Year of Publication & ISBN/ISSN number

1. Amitabha Kar, Priyanka Choudhury, Jeshima Deb Barma, Dipa Debnath, "Overweight and Familial hypertension- A Comprehensive Approach of Negative Biofeedback in Human Body", International Journal of Applied Research, ISSN: 2394-5869, Vol:2, Issue:4, March:2016, Page: 680-686.
2. Partha Majumder, Anjana Mazumdar, Amitabha Kar, Sufal Halder, "Prolonged Administration of Various Calcium Channel Blocker Drugs Jeopardizes the Homeostasis of Our Body, Though They Are Life Saving", International Journal of Medical and Health Research, ISSN: 2454-9142, Volume 2; Issue 3; March 2016; Page No. 21-24.
3. Partha Majumder, Anjana Mazumdar, Amitabha Kar and Sufal Halder, " Analysis of codon and amino acid usage pattern in four replicons of radiation-resistant bacterium *Deinococcus radiodurans*- A challenging factor for waste clean up & new industrial approach," International Journal of Applied Research 2016;2(1): 314-319.
4. Partha Majumder, Anjana Majumdar, Amitabha Kar, Sufal halder and Priyanka

Choudhury, "Positive Biofeedback of Erythropoietin by enhancing Nerve Regeneration and functional recovery", International Journal of Advanced Science and Research . ISSN: 2454-4227, Impact factor: (RJIF 5.24), Volume;1, Issue:3, March:2016, Page: 26-29.

5. Partha Majumder , Anjana Mazumdar, Sufal Halder, Amitabha Kar and Priyanka Choudhury, "Integration and regulation of fuel metabolism in maintaining homeostasis in human body", International Journal of Applied Research, ISSN: 2394-7500, Impact Factor: 5.2, IJAR:2016, 2(3), 481-487
6. Partha Majumder, Anjana Mazumdar, Amitabha Kar, Sufal Halder and Priyanka Choudhury, "Positive Biofeedback of Nitric Oxide in Human Body", European Journal of Biotechnology and Biosciences, ISSN: 2321-9152, Impact Factor:5.44, Volume:4, Issue:3, Pages: 41-47.
7. Partha Majumder, Amitabha Kar and Sankari das, "Insights about the role of glucocorticoid action in the pathophysiology of the Metabolic Syndrome", International Journal of Advanced Scientific Research, ISSN: 2456-0421, Vol:1, Issue; 4, July: 2016, Page: 68-76.
8. Partha Majumder, Amitabha kar and Sankari das, "A glimpse of Fructose, insulin resistance, and metabolic dyslipidemia", International Journal of Advanced Science and Research, ISSN: 2455-4227, Vol: 1, Issue:7, July: 2016, page: 37-46.
9. Partha majumder, Amitabha kar and sankari das, "A comprehensive biofeedback of beta-hydroxy-beta-methylbutyrate (HMB) on exercise physiology and body composition across varying levels of age, sex, and training experience", International Journal of advanced Science and Research, ISSN: 2455-4227, Vol: 1, Issue:7, July:2016, page: 23-36.
10. Partha Majumder, Amitabha kar and Sankari Das, "Comparisons between intragastric and small intestinal delivery of corresponding nutrition in the critically ill: a comprehensive approach and meta-analysis", International Journal of Advanced Science and Research, ISSN: 2456-0421, Vol:1, Issue:4, July:2016, Page: 77-83.
11. Veera Talukdar, Amitabha Kar, Partha Majumder, " A Glimpse on Chronic lymphocytic leukemia and its insights of molecular heterogeneity", International Journal of Applied Research, ISSN :2394-7500, Vol:2, Issue:10, Page: 643-652.
12. Sankari Das and Dr. Amitabha Kar. An insight of consequences of body weight on altered expression of nuclear receptors and interrelation of cyclooxygenase-2 in human colorectal cancers International Journal of Applied Research 2017; 3(4): 577-584
13. Dr. Amitabha Kar A comprehensive approach to the treatment of atherosclerosis by increased ApoA-I and HDLcholesterol levels International Journal of Applied Research 2017; 3(1): 840-847
14. Dr. Amitabha Kar A Topological model of moderate exercise and chronic stress that produces counteractive effects on different areas of the brain International Journal of Applied Research 2017;3(4):585-592
15. Dr. Amitabha Kar and Dr. Partha Majumder A comprehensive study on prolonged air pollution exposure and Cardio-Respiratory mortality International Journal of Applied Research 2017; 3(12): 510-520
16. Dr. Amitabha Kar and Dr. Partha Majumder : A comprehensive study about the Neurobiology of of suicide: A correlation neurobiology of suicide: A of suicide :correlation

with serotonergic systems paying

regards to serotonin receptors . International Journal of Biology Research 2017,2(2), 55-66.

.17. Dr. Amitabha Kar and Aparajita Kar. A comprehensive analysis of retinal pericytes and cytomegalovirus infectivity: (HCMV-induced congenital ocular disease)

International Journal of Applied Research  
2018;4(12): 91-97

18. Dr. Amitabha Kar. Mesmerising study on HIV/AIDS-associated malignancies  
International Journal of Physiology, Nutrition and Physical Education 2018; 3(2): 1074-1078

19. Dr. Amitabha Kar and Dr. Partha Majumder The spectrum of biological events: An insight beyond the modern synthesis. International Journal of Physiology, Nutrition and Physical Education 2018; 3(2): 1101-1106

20 . Dr. Amitabha Kar and Dr. Partha Majumder. A comprehensive study regarding a better insight into physiology of fluids and barriers of the brain International Journal of Physiology, Nutrition and Physical Education 2018; 3(2): 1107-1112

21. Dr. Amitabha Kar. RNA interference: A comprehensive knowledge gain regarding gene knock-down from cell physiology. International Journal of Physiology, Nutrition and Physical Education 2018; 3(2): 1079-1082

#### Books:

Sl. No.	Published by	Title of the Book / Journal	Year of Publication & ISBN/ISSN number
1.	Vyasdev Prakashani	Manab Sharirvidya (Paper 1)	Now at press, ISBN number will be available in a few days.

#### PROJECT WORK:

Sl. No.	Title of the Project Work	Sponsored by	Name of the Organizations the Project carried out	Project Duration

Completed Minor research Project sanctioned by NERO, UGC, Guwahati before 2013.

#### CHAired TECHNICAL SESSIONS IN INTERNATIONAL/ NATIONAL/STATE SEMINAR

Sl. No.	Date & Venue	Type of Seminar/ Conferences/ Workshop	Organized by	Title of the Seminar

Nil.

INTERNATIONAL/NATIONAL/STATE SEMINAR/WORKSHOP ATTENDED AND PRESENTED PAPER:

Sl. No.	Date & Venue	Type of Seminar/ Conferences/ Workshop	Organized by	Title of the Seminar	Title of the Paper Presented

Before 2013.

Association of membership in different areas has been submitted in Departmental SSR