



CURRICULUM VITAE

Name : Dr. AMIT KARMAKAR
Designation : Part-Time Teacher (Govt. approved)
 Midnapore College (Autonomous)
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Date of Birth : 07/01/1985
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➤ **List of research papers published in National/ International journals:**

Serial No	Type of Publication	Name of the Journal	Title of the Paper	Year of Publication	Author
1.	Research article	Microbial Ecology	Monalisha Karmakar, Parimal Dua, Amiya Kumar Panda, and Chandradipa Ghosh, Quorum Sensing Autoinducer(s) and Flagellum Independently Mediate EPS Signaling in <i>Vibrio cholerae</i> Through LuxOindependent Mechanism	2018	Amit Karmakar

2.	Research article	Heliyon	Virulence gene profiles, biofilm formation, and antimicrobial resistance of <i>Vibrio cholera</i> non-O1/non-O139 bacteria isolated from West Bengal, India	2018	Amit Karmakar
3.	Research article	Journal of Pathogens	Prevalence of Panton-Valentine Leukocidin Gene among Community Acquired <i>Staphylococcus aureus</i> : A Real-Time PCR Study	2018	Amit Karmakar
4.	Research article	International Journal of Pharma and Bio Sciences (International)	A Simple Procedure for Isolation, Identification and Characterization of <i>Vibrio cholerae</i> from Clinical Samples	2017	Amit Karmakar
5.	Research article	Canadian Journal of Infectious Diseases and Medical Microbiology (International)	Biochemical and Molecular Analysis of <i>Staphylococcus aureus</i> Clinical Isolates from Hospitalized Patients	2016	Amit Karmakar
6.	Research article	Journal of Bio Innovation (International)	Coronary Artery Disease (Cad) Risk Factors and Cardio-Respiratory Fitness In Pre and Post-Menopausal	2016	Amit Karmakar

			Women		
7.	Research article	Medical Science (International)	Multidrug Resistant Pathogenic <i>Staphylococcus aureus</i> in the Pimples	2015	Amit Karmakar
8.	Research article	IOSR Journal of Pharmacy (International)	Analysis of Virulence Potentials of Community Acquired <i>Staphylococcus aureus</i> , Isolated from a Slam Population of West Bengal, India	2012	Amit Karmakar

➤ **List of Books/chapters in book published :**

Serial No	Type of Publication	Name of the Book	Year of Publication	Author
1	Nil	Nil	Nil	Nil
2				
3				

➤ **Area of Teaching:**

- i) Bio-physics,
- ii) Microbiology
- iii) Molecular Biology

➤ **Extracurricular Activities:**

➤ **Internal evaluation**

- i) Appointed as a Internal Examiner for Physiology (Gen) Paper-PHYG-401 for End Semester Examination (UG) of Semester IV, 2017, Midnapore College (Autonomous).
- ii) Appointed as a Internal Practical Examiner for Physiology (Gen) Paper-PHYG-402 for End Semester Examination of Semester IV, 2016, Midnapore College (Autonomous).
- iii) Appointed as a Examiner for Physiology (Gen) Paper-G-401 and 201 for 4th and 2nd Semester Examination, 2016, Midnapore College (Autonomous).
- iv) Appointed as a Scrutineer for M.Sc 6th Semester Examination, 2017. Midnapore College (Autonomous).

➤ **Paper setter**

- v) Appointed as a Paper Setter in Physiology (Gen) Paper PHYG-401 for End Semester Examination of Semester IV, 2016, Midnapore College (Autonomous).
- vi) Appointed as a External Practical Examiner for B.Sc Part-II (Gen) in PHYG (O&N) Paper-III in 2016 and 2017, Vidyasagar University.
- vii) Appointed as a Scrutineer for the B.P.Ed 1st Semester, 2016 Paper BCC-101, 102, 104, Vidyasagar University.
- viii) Appointed as a Scrutineer for the B.Sc Part-II (Gen) Examination 2015 in Physiology (Gen) for Paper-I, Vidyasagar University.

➤ **Details of Seminars Conference, Symposia organized:**

Amit Karmakar, Debarati Jana, Saikat Senapati, Parimal Dua, Kunal Dutta, Prangya Paramita Das and Chandradipa Ghosh. A Comparative Study of Prevalence of *pvl* gene between Community Acquired and Hospital Acquired *Staphylococcus aureus*. 104th Indian Science Congress (Section of Medical sciences including Physiology) 3-7 January, 2017. th

Amit Karmakar, Parimal Dua and Chandradipa Ghosh. Virulence Potential of Clinical Strains of Methicillin Resistant *Staphylococcus aureus* (MRSA) -A Study on Murine Intravenous Sepsis Model. 103th Indian Science Congress (Section of Medical sciences including Physiology) held at Mysore University, Mysore during 3-7 Jan, 2016.

Amit Karmakar, Parimal Dua and Chandradipa Ghosh. Biochemical and molecular characteristics of *Staphylococcus aureus* clinical isolates from hospitalized patients. Paper Presented (Poster) and abstract published in UGC Sponsored national Seminar on "Trends of Physiological researches from Laboratory to Community", Department of Human Physiology with Community Health, Vidyasagar University, West Bengal. March 30-31, 2016.

Kunal Dutta, **Amit Karmakar**, and Chandradipa Ghosh. Effects of different leaf extract on Methicillin resistant *Staphylococcus aureus* (MRSA) clinical isolates. Paper Presented (Poster) an Abstract Published in National Symposium on "Bioresource Management", Faculty of Science, Vidyasagar University, West Bengal. 26-27 April, 2016.

Amit Karmakar, Debarati Jana, Saikat Senapati, Parimal Dua, Kunal Dutta, Prangya Paramita Das and Chandradipa Ghosh. Prevalence of *pvl* gene in community acquired methicillin resistance *Staphylococcus aureus* (CA-MRSA). XXVIIIth PHYSICON-2016, 16-18 November, 2016.

Amit Karmakar, Parimal Dua and Chandradipa Ghosh. Prevalence of *mecA* genes among multi-drug resistant *Staphylococcus aureus* isolates from Midnapore Medical College and Hospital, West Bengal, India. 102th Indian Science Congress (Section of Medical sciences including Physiology) held at University of Mumbai, Mumbai during 3-7thJan, 2015.

Amit Karmakar, Parimal Dua and Chandradipa Ghosh. Identification and Detection of biofilm formation ability among the orthopaedic wound isolates of *Staphylococcus aureus*. 101th Indian Science Congress (Section of Medical sciences including Physiology) held at University of Jammu, Jammu during 3-7thJan, 2014.

Amit Karmakar, Parimal Dua and Chandradipa Ghosh. Prevalence of genes encoding extracellular virulence factors among *Staphylococcus aureus* isolates from the Midnapore Medical College and Hospital, West Bengal, India. Paper Presented In International Seminar On "Recent Advances In Clinical Research With Special Emphasis On Ba/Ba Study" Held In Jadavpur University, Kolkata During 11-15thSep, 2014.

➤ **Associated with any other Organization:**

- i) Life member of Indian Science Congress Association.

Faculty development Courses or programmes attended:

- i) Participated in the UGC sponsored Orientation Programme held at UGC-Academic staff College, Jadavpur University on 10.11.2014 to 06.12.2014.

➤ **Other Activities:**

- i) Participated in the workshop for revision of syllabus for Honours and Pass course of Vidyasagar University in Physiology organized by the Department of Human Physiology with Community Health, Vidyasagar University on 21th February, 2014.

