

:FACULTY DETAILED RESEARCH DATA:

Name of the Faculty: MR. MANOJIT BYSACK

Designation: ASSISTANT PROFESSOR

Department: MEDICAL LABORATORY TECHNOLOGY

School: ALLIED HEALTH SCIENCES

Research Area: IMMUNOLOGY, MICROBIOLOGY, INFECTIOUS DISEASE MODEL

Details of research portfolio of faculty:

A. Researcher's ID details:

Google Scholar ID: SZyXRI4AAAAJ

Orchid ID: 0009-0008-9370-7852

Scopus ID:

Vidwan ID: 525794

B. Publication details:

1. Conference proceedings/ Conference paper:

Sl. No.	Name of the Conference	Title of the paper	Month & Year of Publication	Author(s) Name	National/ International	doi number (if any)	ISSN/ISBN no.

2. Publications in SCI/Scopus indexed Journals:

S L No	Name of the Journal (mention SCI/scopus)	Title of the paper	Month & Year of Publication	Author(s) Name (Highlight the corresponding and 1 st author in every article)	doi number	Issue No. & Volume No.	Page no.	ISSN of the journal
1.	The Microbe [SCOPUS]	The role of microglia in Zika virus pathogenesis: Possible diagnostic and	SEPT, 2024	Subhrajyoti Paul, Sudipta Patra, Ayan Mondal,	http://doi.org/10.1016/j.microb.2024.100180	5	100180	2950-1946

		therapeutic strategies		Gungun Sharma Adhikari, Piu Ghosh, Manojit Bysack, Rajen Dey*				
2.	Journal of Advanced Zoology [WOS & UGC Care]	Abrogation Of Gram Negative Bacteria Induced Inflammation	MAR, 2024	Manojit Bysack* , Rajen Dey	https://doi.org/10.53555/j.az.v45i2.4453	45(2)	1564-1573	0253-7214
3.	Journal of Advanced Zoology [WOS & UGC Care]	A Systematic Review On Consequential Interventions Of Mucuna Pruriens In Male Infertility	MAR, 2024	Ayan Sengupta , Priyanshu Ganguly, Preeti Patra, Ankita Ballav, Banashree Ash, Shayani Das, Rajen Dey, Manojit Bysack*	https://doi.org/10.53555/j.az.v45i2.4455	45(2)	1574-1580	0253-7214
4.	Journal of Advanced Zoology [WOS & UGC Care]	Review: Beneficial Effect Of Bark Extract Of Terminalia Arjuna On Human Heart	MAR, 2024	Anwesha Samanta , Rabishankar Taladhi, Papon Mondal, Sayed Golam Tanbir, Mijanur Rahaman, Saumadip Fadikar, Manojit Bysack*	https://doi.org/10.53555/j.az.v45i2.4452	45(2)	1559-1563	0253-7214
5.	Journal of Advanced Zoology [WOS & UGC Care]	A Review: Suppressed Activity Of Respiratory System After Covid-19.	MAR, 2024	Manojit Bysack* , Ayan Sengupta, Banashree Ash, Preeti Patra, Ankita Ballav, Shayani Das, Priyanshu Ganguly	https://doi.org/10.53555/j.az.v45i2.4456	45(2)	1581-1586	0253-7214
6.	Journal of Advanced Zoology	Pathogenesis And Consequences Of Zika Virus	MAR, 2024	Subhrajyoti Paul , Sudipta	https://doi.org/10.53555/j.az.v45i2.4448	45(2)	1549-1553	0253-7214

	[WOS & UGC Care]	Infection.		Patra, Ayan Mondal, Gungun Sharma Adhikari, Piu Ghosh, Manojit Bysack, Rajen Dey*				
7.	Journal of Advanced Zoology [WOS & UGC Care]	Ascorbic Acid: Therapeutic Implications In Neurodegenerative Diseases.	MAR, 2024	Rajen Dey* , Manojit Bysack	https://doi.org/10.53555/j.az.v45i2.4450	45(2)	1554-1558	0253-7214
8.	International Journal of Applied Research [WOS & UGC Care]	Role of diet in type II diabetes mellitus: A comprehensive review	SEPT, 2024	Arka Chatterjee , Rajen Dey, Manojit Bysack*	https://doi.org/10.22271/allresearch.2024.v10.i1e.12170	10(11)	282-284	2394-5869
9.	International Journal of Applied Research [WOS & UGC Care]	A thorough review of liver cirrhosis: Epidemiology, causes, etiology, pathophysiology, diagnosis, and treatment management	SEPT, 2024	Arka Chatterjee , Rajen Dey, Manojit Bysack*	https://doi.org/10.22271/allresearch.2024.v10.i1e.12171	10(11)	285-289	2394-5869
10.	International Journal of Applied Research [WOS & UGC Care]	Evaluation of cardiovascular risks through the assessment of cholesterol level	OCT, 2024	Sibu Jana , Rajen Dey and Manojit Bysack*	https://dx.doi.org/10.33545/26649926.2024.v6.i2c.246	6(2)	152-156	2664-9934
11.	International Journal of Applied Research [WOS & UGC Care]	Contribution of liver enzymes in diagnosing hepatic diseases: A review	OCT, 2024	Soumaditya Das , Rajen Dey and Manojit Bysack*	https://dx.doi.org/10.33545/26649926.2024.v6.i2b.244	6(2)	145-148	2664-9934

3. Book chapter:

Sl. No.	Title of the book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)
1.	A REVIEW ON PREVALENCE OF HEPATITIS C AMONG PREGNANT WOMEN, Archive of Human Health and Wellbeing	AKINKI PUBLICATIONS	Anwesha Samanta and Manojit Bysack*	2024	978-93-6135-299-7	https://doi.org/10.22271/ed.book.2750
2.	DENGUE – PATHOGENESIS AND DIAGNOSTIC APPROACHES: A REVIEW, Archive of Human Health and Wellbeing	AKINKI PUBLICATIONS	Shayani Das and Manojit Bysack*	2024	978-93-6135-299-7	https://doi.org/10.22271/ed.book.2750
3.	AN INDEPTH EXPLORATION OF THE POTENTIAL THREAT POSED BY STAPHYLOCOCCUS AUREUS, RECENT TRENDS ON HEMATOLOGY AND INFECTIOUS DISEASE	SWAMI VIVEKANANDA UNIVERSITY (INSTITUTIONAL PUBLISHER)	Manojit Bysack*	2024	978-93-6076-130-1	
4.	AN IN-DEPTH INVESTIGATION OF RISK FACTORS ASSOCIATED WITH SEPSIS AND THE POTENTIAL TREATMENT MODALITY, Regulatory Haematoidices Vol-1	SWAMI VIVEKANANDA UNIVERSITY (INSTITUTIONAL PUBLISHER)	Manojit Bysack*	2024	978-93-340-7137-5	
5.	AN IN-DEPTH EXPLORATION OF CELLULAR INJURY, THE ASSOCIATED RESPONSES, AND MECHANISMS OF CELLULAR ADAPTATION, Pathoinsights: Dissecting Disease Mechanisms	SWAMI VIVEKANANDA UNIVERSITY (INSTITUTIONAL PUBLISHER)	Manojit Bysack*	2025	978-93-342-1790-2	

4. Text/Reference book published from reputed national/international publishers:

Sl. No.	Title of the Text/Reference book	Publishers	Author(s) Name (Highlight the corresponding and 1 st author in every article)	Year	ISBN No.	doi no. (if applicable)

5. Project granted:

Sl. No	Sponsoring Agency	Name of the project	Duration		Amount in Lakhs	PI/ CO-PI
			Starting Month & Year	Ending month & Year		

6. Consultancy Project Grant:

Sl No.	Project title	Funding Agency	Duration	Completed (yes/no)	Sanctioned amount (in Rs.)	PI and CO-PI (if any)

7. Patent/IPR granted:

Sl. No.	Name of the patent	Name of the applicant	Name of the inventor	Date of File	Date of Publication	Whether Granted (yes/no); If yes, Date of Grant	Application No.
1.	System for automatic blood support in an operation theatre	Swami Vivekananda University, Mr. Manojit Bysack, Dr. Rajen Dey, Mr. Prabal Patla, Mr. Hasan Ali, Ms. Arpita Ghanti, Ms. Dipika Maity, Mr. Debanjan Giri	Mr. Manojit Bysack , Dr. Rajen Dey, Mr. Prabal Patla, Mr. Hasan Ali, Ms. Arpita Ghanti, Ms. Dipika Maity, Mr. Debanjan Giri	25.02.2025	21.03.2025	NO	202531016528A

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