



**RAMAKRISHNA MISSION**  
**VIVEKANANDA CENTENARY COLLEGE**

*“Swami Vivekananda Center for Multidisciplinary Research in Basic Science and Social Sciences”*

**Names of the Candidates for the Ph. D Registration, 2022**

SL. NO.	Name	Date of Registration	Subject	Title of the Thesis	Name of the Supervisor	Registration No.
Botany						
1	SUMIT KUMAR POLLEY	06-07-2022	Botany	Isolation and characterization of microfungi from different natural sources and evaluation of their ability to degrade polyethylene plastics	Dr. Swapan Kr. Ghosh	A01-1112-314-001-2022 of 2022-2023
2	SACHCHIDA NANDA GHATAK	06-07-2022	Botany	Isolation and characterization of soil microflora and their application as bio-control of fungal pathogens of two medicinally important plants <i>Mentha arvensis</i>	Dr. Swapan Kr. Ghosh	A01-1112-314-002-2022 of 2022-2023

				and <i>Withania somnifera</i> for crop improvement		
3	CHIRANJIT MAITI	06-07-2022	Botany	Isolation, characterization of bioactive molecules from microfungi and their anti-cancerous activity against A549 cell line of lung cancer and also their immunomodulatory activity in mice model	Dr. Swapan Kr. Ghosh	A01-1112-314-003-2022 of 2022-2023
<b>Mathematics</b>						
4	SOUMYA PATRA	06-07-2022	Mathematics	Some Operations research models with Fuzzy optimization techniques	Dr. Partha Ray	A01-1152-313-001-2022 of 2022-2023
5	SOUMON ROY	06-07-2022	Mathematics	Some studies on the value distribution theory of the difference operator of meromorphic functions.	Dr. Bikash Chakraborty	A01-1112-313-002-2022 of 2022-2023

6	MD IMRAN ALI	06-07-2022	Mathematics	Study of vector bundle associated with covering space and its application on various field of algebraic topology.	Dr. Pravanjan Kumar Rana	A01-1142-313-003-2022 of 2022-2023
<b>Zoology</b>						
7	RAKESH KR PATRA	06-07-2022	Zoology	An approach towards the development of biomarkers linked to viral disease resistance or tolerance in <i>Penaeus monodon</i> through meta-transcriptomic study.	Dr. Ajoy Mallik	A01-1111-315-001-2022 of 2022-2023
8	PRADIPTA KUMAR GHOSH	06-07-2022	Zoology	Ecological roles of small mangrove root encircled pools for growth and development of fish juveniles in Indian Sundarban Mangrove Biosphere.	Dr. Arunava Mukherjee	A01-1112-315-002-2022 of 2022-2023
9	AVIK SARKAR	06-07-2022	Zoology	An approach towards the development of cost- effective virus detection tools through virus prevalence study using multi- omics techniques in <i>Penaeus monodon</i> aquaculture.	Dr. Ajoy Mallik	A01-1112-315-003-2022 of 2022-2023