



**RAMAKRISHNA MISSION
VIVEKANANDA CENTENARY COLLEGE**

(An Autonomous College under WBSU)

P.O. RAHARA, KOLKATA-700118

WEST BENGAL, INDIA

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“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 | 06-03-2022 | 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 | 06-03-2022 | Botany | Isolation and characterization of soil microflora and their application as bio-control of fungal pathogens of | Dr. Swapan Kr. Ghosh | A01-1112-314-002-2022 of 2022-2023 |

Sri. K. K. Ghosh
Principal

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| | | | | two medicinally important plants <i>Mentha arvensis</i> and <i>Withania somnifera</i> for crop improvement | | |
| 3 | CHIRANJIT MAITI | 06-03-2022 | 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 |
| Mathematics | | | | | | |
| 4 | SOUMYA PATRA | 06-03-2022 | Mathematics | Some Operations research models with Fuzzy optimization techniques | Dr. Partha Ray | A01-1152-313-001-2022 of 2022-2023 |
| 5 | SOUMON ROY | 06-03-2022 | 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 |


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|----------------|----------------------|------------|-------------|--|--------------------------|------------------------------------|
| 6 | MD IMRAN ALI | 06-03-2022 | 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 |
| Zoology | | | | | | |
| 7 | RAKESH KR PATRA | 06-03-2022 | 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 | 06-03-2022 | 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 | 06-03-2022 | 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 |


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