



DEPARTMENT OF ZOOLOGY

Ramakrishna Mission Vivekananda Centenary College,
Rahara, Kolkata 700118



**DEPARTMENTAL
INFORMATION PROFILE
FOR
UG ADMISSION 2023**

For Application details : rkmvccrahara.org

Departmental Lab Facilities and Infrastructures:

Names of programmes offered :

- ✓ B.Sc. Zoology
- ✓ M.Sc. Zoology
- ✓ Ph.D Zoology

Special Features

- ✓ Awarded funds from DBT STAR College Scheme
- ✓ ICT Enabled Class rooms
- ✓ Special Training Academy for Competitive examinations like JAM, JGEEBILS (TIFR), GATB, CUET etc
- ✓ Regular Seminars, Lecture Workshops, Hands-on-Training Workshops
- ✓ Summer Internships in Reputed Institutions like CDRI Lucknow, BHU, IIT Ropar, IIT Kharagpur, ISI Kolkata, IACS Kolkata, Calcutta University, Zoological Survey of India, Kolkata etc.
- ✓ Experienced Teachers providing mentorship.
- ✓ Students have qualified for the Prestigious Science Academies Summer Research Fellowship Programme.
- ✓ Excellent Performance in National Level Examinations like Rank 5 in JAM Biotechnology 2020.

UG Student Academic Achievements in various M.Sc./ Integrated Ph.D/ Ph.D entrance examinations in reputed Institutions:

- Names of institutions joined/qualified for:
 - IISc Bangalore
 - DBS-TIFR, Mumbai
 - IIT Bombay
 - IISER Mohali
 - IISER Pune
 - National Institute for Biomedical Genomics (NIBMG)
 - Indian Association for the Cultivation of Science (IACS), Kolkata.
 - Banaras Hindu University (BHU)
 - North Eastern Hilly University (NEHU)
 - Ashoka University
 - Kalinga Institute of Industrial Technology
 - Amrita Vishwa Vidyapeetham
 - Jadavpur University
 - Different universities in USA, Europe.

- DBT STAR Lab : Microtome, Vortex mixer, Electrophoresis Power supply, Magnetic stirrer with hot plate, Colony counter, Microscope Olympus i20, Bacteriological incubator, Micro oven, Horizontal electrophoresis, Weighing balance, Digital camera, Stereo Microscope Magstereo
- Biochemistry and Molecular Biology Lab : Gradient PCR, Cold Centrifuge, Table top Centrifuge, pH meter, Weighing Balance, Digital stereo microscope, Spectrophotometer (research grade), UV trans illuminator, Gel apparatus, Dissecting microscope, Tissue homogeniser, Multimeter, Refrigerator, Vortex, Magnetic stirrer, Colony counter
- Microbiology Lab : Laminar, BOD incubator, Autoclave, Microwave oven, Water distillation plant, Weighing balance
- Entomology Lab : Desiccator, Dissecting binocular, microscope, Insect nets
- Zoology Museum: 475 preserved specimen
- Central Instrument Facility: HPTLC , UV and IR Spectrophotometers, Freeze Dryer, Gelldoc, Ultracentrifuge

Research Labs and allied Infrastructure

- Shrimp Genomics and Disease Biotechnology Research Lab :
 - ✓ Real time PCR,
 - ✓ Gradient PCR,
 - ✓ Cold Centrifuge, Centrifuge,
 - ✓ Class II A2 biosafety cabinet,
 - ✓ BOD incubator,
 - ✓ Water Bath, Double Distillation plant,
 - ✓ Weighing balance, pH meter, Vortex,
 - ✓ Magnetic Stirrer,
 - ✓ Aquarium for experimental setup, Desiccator, -20°C Fridge, Fridge, UV trans illuminator, Electrophoresis apparatus
 - ✓ Server Workstation for Bioinformatics and Bigdata Analysis.
- Ecosystem & Ecology Lab
 - ✓ -20°C Fridge, Centrifuge, Vortex, Separation funnel, Mixer grinder, Microscope, Weighing Balance, Refractometer, Aquarium for experimental setup
- Pharmacology and Disease Biology Lab
 - ✓ -20°C Fridge, Microscope, Weighing balance, pH meter, BOD incubator, Electrophoresis apparatus, Soxhlet apparatus

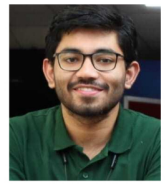
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Website: rkmvccrahara.org



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RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE, RAHARA

SOME NOTABLE STUDENT PROGRESSION 2019-2022



Padmanava Dasgupta

Integrated MS-Ph.D
Microbiology and Cell
Biology Dept.
IISc Bangalore
All India Rank 5 in
IITJAM Biotechnology
2020
AIR 10 in GATE Life
Sciences 2022



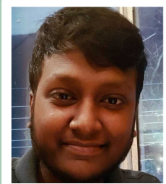
Mojammel Ali Khan

Ph.D , Molecular
Biophysics unit,
Indian Institute of
Science (IISc),
Bangalore
M.Sc Biotechnology
from JNU, New Delhi



Sayan Gupta

Ph.D, Indian Institute
of Chemical Biology
(IICB) Kolkata
ICMR NET All India
Rank 1, 2021



Uday Saha

Integrated MS-Ph.D
Cancer Biology Unit
Biotechnology
Department
National Institute of
Biomedical Genomics
(NIBMG)



Tanmoy Dutta

Integrated MS-Ph.D
NIBMG
Ph.D, Department of
Molecular and Clinical
Medicine , Institute of
Medicine,
University of
Gothenburg, Sweden



Dhruva Datta

M.Sc. Biotechnology
IIT Bombay



Sukriti Maity

M.Sc. Biology
(by Research),
Ashoka University.
Selected for M.Sc.
Dissertation at
Rockefeller University,
USA



Aritra Bhattacharya

Selected for Ph.D.
Department of Biology,
Texas A&M University,
Texas, USA



Dipak Shil

M.Sc Animal Biology &
Biotechnology
Hyderabad Central
University
Project Associate
Infection Biology Group
CSIR- Centre for Cellular
& Molecular Biology,
Hyderabad



Arghya Acharyya

M.Sc Biotechnology,
Department of Life
Science & Biotechnology
Jadavpur University



Abhinav Bagchi

Ph.D,
Department of Biology
and Biochemistry,
University of
Houston, USA



Bhaskar Sinha

M.Sc. Biotechnology
Madurai Kamaraj
University



Sourav Halder

Ph.D, Department of
Biotechnology,
National Centre for Cell
Science (NCCS) , Pune



Sekhar Kundu

M.Sc in Molecular and
Human Genetics,
Banaras Hindu
University (BHU)



Subhrajyoti Mallick

M.Sc Biochemistry &
Molecular Biology
Department of
Biochemistry and
Molecular Biology,
Pondicherry University.



Neelesh Saha

M.Sc Environmental
Technology
Banaras Hindu
University (BHU)



Rajat Roy

M.Sc Biotechnology
Department of
Biotechnology and
Bioinformatics
North Eastern Hill
University, Shillong



Amartya Bagchi

Msc. Marine Biology
Madurai Kamaraj
University
Project Associate
CSIR- National
Institute of
Oceanography ,Goa



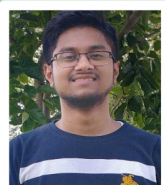
Sushrut Ghosh

M.Sc Molecular
Medicine, Dept. of
Human Genetics &
Molecular Medicine,
Central University of
Punjab



Indrajit Mondal

M.Sc Biotechnology,
Department of Life
Science &
Biotechnology
Jadavpur University



Koustav Maiti

M.Sc Human Genetics,
Dept. of Human
Genetics & Molecular
Medicine,
Central University of
Punjab



Pratyush Das Sarma

M.Sc
Department of Zoology
Gauhati University



Aakash Chettri

M.Sc Human Genetics,
Dept. of Human
Genetics & Molecular
Medicine,
Central University of
Punjab



Manas Saha

M. Sc. Biotechnology,
KIIT School Of
Biotechnology,
Kalinga Institute of
Industrial Technology.
Bhubaneswar



Anurup Nayek

M.Sc Molecular
Medicine, Dept. of
Human Genetics &
Molecular Medicine,
Central University of
Punjab



Subhradip Pandit

Ph.D. Scholar, UGC-JRF
Cell Molecular Biology
& Molecular Genetics
Laboratory
Cooch Behar Panchanan
Barma University



Arnab Mandal

Msc Biotechnology,
Amrita School Of
Biotechnology, Amrita
Vishwa Vidyapeetham



Satyaki Bhowmik

Ph.D
Cancer Biology and
Inflammatory Disorder
Division,
CSIR-Indian Institute
of Chemical Biology
(IICB), Kolkata



Soham Basu

M.Sc Biochemistry
Department of
Biochemistry
University Of Calcutta



Supriya Chakraborty

Integrated MS-Ph.D
IISER Mohali
Ph.D, Department of
Biology, University of
Miami, USA



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RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE RAHARA

DEPARTMENTAL LABORATORY FACILITIES



DBT STAR Lab



Biochemistry and Molecular Biology Lab



Microbiology Lab



Entomology Lab



Zoology Museum



Pharmacology and Disease Biology Lab



Over head projector



Ecosystem & Ecology Lab



Shrimp Genomics and Disease Biotechnology Research Lab