

**RAMAKRISHNA MISSION
VIVEKANANDA CENTENARY COLLEGE**
Bahara, Kolkata 700 118



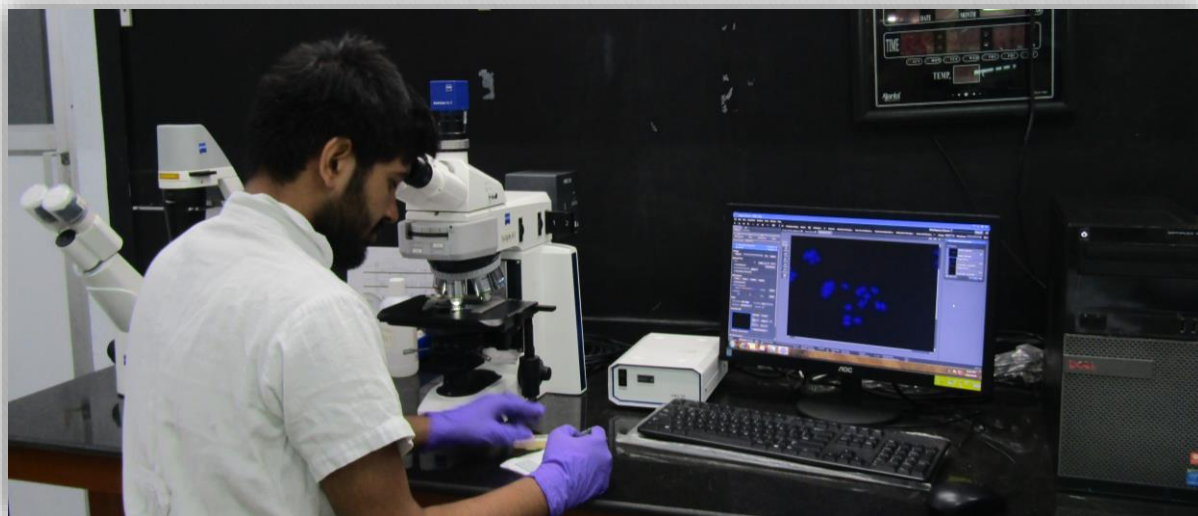
Prospectus 2025

- ❖ Accredited by NAAC with Grade A++.
- ❖ College with Potential for Excellence (CPE).
- ❖ WBDST-FIST Award college
- ❖ DST-FIST Award college 2 times
- ❖ INSTITUTIONAL MEMBER of APQN
- ❖ BOOST-II Award by West Bengal DBT
- ❖ DBT-STAR College by DBT India
- ❖ Swami Vivekananda Centre for Multidisciplinary Research in Basic Sciences and Social Sciences
- ❖ Autonomous College
- ❖ Recognition of SIROs by Ministry of Science and Technology, New Delhi
- ❖ NIRF All India Ranking 3rd in 2024



History:

- The Ramakrishna Mission Boys' Home at Rahara, a branch centre of the Ramakrishna Mission, was founded in 1944 as an orphanage with a nucleus of 37 boys rendered orphan by the Great Bengal Famine of 1942-1943. Since then the Home grew in dimensions and activities adhering to the principle of serve to mankind in the spirit of worship. Today, the Home is an educational complex with several schools and colleges wherein nearly four thousand students are receiving education and training in different subjects and trades according to the aptitude of each individual.
- This College which forms an integral part and unit of this educational complex is owned and managed by the Ramakrishna Mission. The foundation stone of the College was laid by Swami Vireswaranandaji Maharaj, the then General Secretary of the Ramakrishna Mission, on 3rd December, 1961 and the College started functional in July, 1963.
- The College was established with a view to commemorating the First Birth Centenary of Swami Vivekananda, the Illustration Patriot-Saint of India and with a view to imparting a general education on a religious background in the light of the teachings of Ramakrishna - Vivekananda so that the young pupils may get ample opportunities to build up their character to make themselves useful to their families and to fulfil at the same time their basic obligation to the country. The college was established and is being maintained and administered by the Ramakrishna Mission.
- There is no provision for hostel accommodation.



Course of Studies:

- The college has arrangements for teaching Honours in Physical Sciences and Biological Sciences only. There is provision for 4 years Honours Degree Course, in this college the classes being held from 10-30* a.m. (see Note)
- The college has also arrangements for teaching Post-Graduate Course in Chemistry, Physics, Botany, Zoology, Microbiology, Mathematics & Computing and Computer Sc.
- The college is also providing UGC Recognized Certificate Courses for degree students.
- Note: *Some classes may be held before 10 -30 a.m. & students seeking admission should be prepared to adjust themselves with the routine. Similarly the students of PG should also be prepared to adjust if required. In case of Computer Courses such adjustment is very essential.





Autonomous System & Semester

- **Semester:** Each semester will consist of 15-18 weeks of academic work equivalent to 90 actual teaching days. The odd semester may be scheduled from July to December and even semester from January to June.
- **Credit Point:** It is the product of grade point and number of credits for a course.
- **Credit:** A unit by which the course work is measured. It determines the number of hours of instructions required per week. One credit is equivalent to one hour of teaching (lecture or tutorial) or two hours of practical work/field work per week.
- **Grade Point:** It is a numerical weight allotted to each letter grade on a 10 -point scale.
- **Semester Grade Point Average (SGPA):** It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester. It shall be expressed up to two decimal places.
- **Cumulative Grade Point Average (CGPA):** It is a measure of overall cumulative performance of a student over all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is expressed up to two decimal places.
- **Grade Point:** It is a numerical weight allotted to each letter grade on a 10- point scale.
- **Letter Grade:** It is an index of the performance of students in a said course. Grades are denoted by letters O, A+, A, B+, B, C, P and F.

Outlines of Academic System:

- **Major Course (18 for Major courses) :** Also the course designed for papers under this category aim to cover the basics that a student is expected to imbibe in that particular discipline. A course, which should compulsorily be studied by a candidate as a major requirement is termed as a Major course.

- **Elective Course:** Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.
- **Discipline Specific Elective (DSE) Course (4 for honours courses):** Elective courses offered under the main discipline/subject of study is referred to as Discipline Specific Elective.
- **Minor Course (6 for honours courses) :** A Minor course chosen from an unrelated discipline/subject, with an intention to seek exposure beyond discipline/s of choice is called Minor course.
- **Ability Enhancement Courses (AEC):** The Ability Enhancement (AE) Courses may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC).
- **Multidisciplinary Courses (MD):** Multi-disciplinary minors look at a specific topic from the viewpoints of different disciplines. Exploring a particular topic across various disciplinary boundaries helps broaden the intellectual horizon and equips with the ability to look at an issue from multiple standpoints.
- An undergraduate degree with Honours in a discipline may be awarded if a student completes 18 major papers in that discipline , 2 Ability Enhancement Compulsory Courses (AECC), minimum 2 Skill Enhancement Courses (SEC), 3 Value added course (VAC), 3 Multidisciplinary Courses and different papers each from a list of Discipline Specific Elective and Minor papers.



Subjects Offered & Eligibility for Admission

B.Sc. Honours

- **Physics (Hons.)**
- **Chemistry (Hons.)**
- **Mathematics (Hons.)**
- **Botany (Hons.)**
- **Zoology (Hons.)**
- **Microbiology (Hons.)**
- **Computer Science (Hons.)**

Students who have passed the Higher Secondary (10+2) or an equivalent examination are eligible for admission to the Degree Course provided, they have passed in five subjects and in each subject of the combination of subjects chosen for study.



M. Sc. Course in Chemistry

- Post Graduate Course in Chemistry has been started in the college with spacious class-rooms and well-equipped laboratories furnished by modern sophisticated instruments. In college library, there is a separate facility meant for PG students and faculty members with rich collection of Books and Journals. Modern teaching aids like DLP Projectors, Laptops, etc. are used in PG classes. With sophisticated computer laboratory easy and unlimited access to internet is always available.
- Since 1995, the motto of our Chemistry Department has been two- fold, namely, exposure of students to advanced research techniques and thought-provoking seminar activities by the students. The department is actively engaged in UGC, CSIR and DBT funded research projects leading to more than 50 publications in reputed National and International Journals.
- A large number of Professors from Calcutta University, Jadavpur University, West Bengal University of Technology and Indian Association for Cultivation of Sciences have shown their keen interest in helping the development of our PG Department. Highly reputed teachers like Professor G.N. Mukherjee, Debsankar Roy, Rupendranath Banerjee, Chittaranjan Sinha, Raja Banerjee, J.P. Naskar, D. Ghosh, Souvik Chatterjee, etc. have agreed to participate in the academic upliftment of our P.G. Department.

Ph.D Course in Chemistry

- Our Chemistry department has done their research activity for last nineteen (19) years. The university of Calcutta has recommended Dr. C.K. Bandyopadhyay and Dr. Tapas Ghosh, faculty member of our college, for acting as guide in conducting Ph.D works. Four (4) students has got Ph.D degrees under University of Calcutta and their entire research work was carried out in our college.



M.Sc. Course in Botany

- Post Graduate Course in Botany has been started in the college with spacious class rooms equipped with well-equipped laboratories furnished by modern sophisticated instruments like HPTLC, PCR, Gel Doc system, Laminar Air Flow, Digital Microscopes (Leica), DNA Bank, Ultra Centrifuge (Beckman), etc. In college library, there is a separate facility meant for PG students and faculty members with rich collection of Books and Journals. All PG class rooms are equipped with modern teaching aids like Projectors, Laptops etc. Smart class room for user-friendly e-classroom is the unique feature of the teaching-learning process of the college. With sophisticated computer laboratory easy and unlimited access to internet is always available.
- The department is actively engaged in UGC,CSIR and DBT funded research projects.
- A large number of professors from Calcutta University, Kalyani University, Burdwan University and Indian Institute of Chemical Biology have shown their keen interest in helping the development of our PG Department. Eminent teachers like Professor Satyesh Roy, Ambarish Mukherjee, T.B. Jha, Manas Ranjan Majumdar, Arun Bnerjee etc. Enrich the students with their wisdom and academic experience.

Ph.D Course in Botany

- Our Botany department is doing research for more than ten(10) years. Dr. S.K. Ghosh and Dr. B. Ghosh of the department are conducting Ph.D. research work as a guide in UGC,CSIR, AYUSH and DBT funded research projects. It has up-to-date Tissue-culture and Mycology laboratories where Ph.D. students are doing their research works. Post-Doctoral research work is also going on this department.

M.Sc. Course in Mathematics and Computing

- The College introduced the Post Graduate Course in Mathematics and computing from the academic session 2018-19.

Ph.D. Course in Mathematics

- The Department of Mathematics has also initiated a Ph.D. course from 2018-19.

M.Sc. Course in Zoology

- The College introduced the Post Graduate Course in Zoology from the academic session 2020-21.

Ph.D. Course in Zoology

- The Department of Zoology has also initiated a Ph.D. course from 2021-22.
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M Sc. Course in Physics

- The College introduced the Post Graduate Course in Physics from the academic session 2022-23.

M Sc. Course in Microbiology

- The College introduced the Post Graduate Course in Microbiology from the academic session 2024-25.

M Sc. Course in Computer Science

- The College introduced the Post Graduate Course in Computer Science from the academic session 2024-25.

Skill Enhancement Course in Value Education & Indian Culture

The college offers a Skill Enhancement Course in Value Education & Indian Culture. This Course is designed in a way to facilitate all-round development of the students. An attempt is made to enlighten the student regarding the science of inner wellbeing and the art of outer effectiveness. The college has published a text book named 'Jivan Sopan' for conducting the Skill Enhancement Course in well-structured way.

Certificate Course

The students after admission in the First Year degree course will be eligible to join the certificate course. The students can pursue the degree course and the add-on certificate course simultaneously. At present the following eight Certificate Courses are provided to the Undergraduate students apart from the above two.

Sl. No.	Course Name
1.	Amateur Station Operator Certificate
2.	Ancient Indian Mathematics: An IKS Approach
3.	Environmental Protection / Management
4.	Mushroom Cultivation and Management
5.	Apps Design and Development
6.	Techniques in Robotics & IOT
7.	Course in Physical Education and Fitness (CCPEF)



Swami Vivekananda Centre for Multidisciplinary Research in Basic Sciences and Social Sciences

The college has established the “Swami Vivekananda Centre for Multidisciplinary Research in Basic Science and Social Science” from the academic session 2015-2016. This has been approved by the West Bengal State University vide letter No. WBSU/Reg/Permission/ Letter/970/14-15 dated 20-03-2015. The establishment of the Research Centre has also been appreciated by UGC. The Research Centre has started its functioning from the current academic session with Ph.D. RET examination, Viva-voce, etc.







Infrastructural Facilities

- To run any science laboratory two main essential components required are: continuous water and un-interrupted clean electric power supply.
- There are two deep tube- wells to take care of round the clock continuous water supply in the college campus.
- The college has three generators, which are connected with AMF (Auto main Failure) panels, so that they can start or shut down themselves automatically without any human intervention as and when main supply is disrupted.
- Facilities generated by the college for the purpose of higher education:
- ICT enabled classrooms in every Department equipped with multimedia projectors for state of the art presentation system.
- One Classroom with smart board and facilities for distance-mode e-classes in collaboration with Ramakrishna Mission Vivekananda University, Belur Math.
- The electric power supply of the college is stabilized through 325KVA Transformer
- 25KVA Green power supply through a big battery-bank.
- Photocopy (Xerox) scanning facility available for preparation and dissemination of study materials and questions papers. Scanners of high quality like the Book Eye Scanners for creating pdf of teaching materials cum study materials, Eye Ball Scanners, Document scanners are present for various academic purposes.



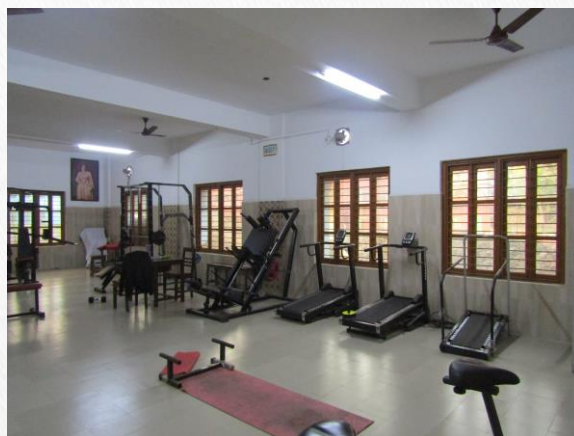


- Two 200-seater, centrally Air-conditioned Seminar Halls - Swami Vivekananda Hall & Sri Ma Sarada Devi Hall equipped with the modern audio-visual system is used for seminars, workshops, invited lectures etc.
- A 1200-seater, centrally Air-conditioned Seminar Hall- Sri Ramakrishna Hall equipped with the modern audio-visual system is used for seminars, workshops, invited lectures etc.
- Swami Brahmananda Hall is a Yoga cum Physical training centre where 1000 students can perform Yoga at a time.
- One well equipped language lab. for language study of the student.
- One Air-conditioned Conference room important academic meetings and discussion amongst the faculty members.
- A rich resource of chemicals, samples and instruments along with a tidy, high class lab ambience comprising of granite-top working spaces, proper exhaust system, fume chambers, continuous water supply etc. Makes the lab facilities a matter of pride for the college.
- Broadband connectivity with wi-fi system ensures uninterrupted internet facility.
- Completely computerized catalogue in the library.
- RFID gate for auto monitoring entry and exit of the library.
- RFID card for attendance and issue –return of the book .
- A 112 KW Grid-connected Solar power generation unit for promoting the use of non-conventional energy resources and for minimizing the electric consumption of the college
- A Poly House for Botanical research.
- A Shade Net House for temperature and light intensity-controlled plant growth.
- A Mushroom Cultivation Unit for Certificate Course with a museum displaying various types of mushrooms.



College Canteen:

- The College Canteen provides healthy snacks and lunch to the students and staff members in a hygienic environment. It also arranges for Free Tiffin Scheme and concessional Lunch Scheme of the College. Apart from regular features, the canteen also arranges lunch or special snacks and dinner for National and International seminars and conferences held in the College.



Sister Nivedita Multigym:

- The Multigym of the College was inaugurated in 2016 by the Hon'ble Consul General of Ireland, Mr Brian McElduff. It is equipped with all sorts of modern fitness equipment for overall physical exercise. The students and staff members use it regularly with full enthusiasm. A trainer is also engaged for consultation. The college focuses on all round development of the personality including the physical, intellectual and humane aspects.

Seminars and Workshops

2024 – 25 Session

Sl no.	Date	Seminar & Workshop	Speakers
1.	08 th July, 2024	Seminar on “Innovative Ideas in Chemistry”	Dr Sengottuvelan Balasubramanian , Retired Professor of Inorganic Chemistry from the University of Madras
2.	15 th July, 2024	Induction Programme for UG Students of Computer Science	Prof. Rajat Kumar Pal , Research Advisory Committee, Dept. of Computer Science and Engineering, University of Calcutta
3.	15 th July 2024	Seminar on Mathematics Organized by Dept. of Mathematics	Dr. Amartya Kr Dutta , ISI Kolkata
4.	17 th July, 2024	Seminar on Exploring the Knoevenagel Reaction: from Drug Design to Fluorescent Materials Organized by Department of Chemistry	Prof. Parthasarathi Addy , Department of Chemistry, BITS Pilani, Rajasthan
5.	22 nd July, 2024	Seminar on Attitude of Learning and Teaching Organized by Department of Chemistry	Prof. Nitin Chattopadhyay , Former Dean, Department of Chemistry, Jadavpur University

Sl no.	Date	Seminar & Workshop	Speakers
6.	23rd July 2024	Seminar on Mathematical Models in Applied Sciences	Prof. Sandip Banerjee , IIT Roorkee Organized by Dept. of Mathematics
7.	29th July, 2024	Induction Programme For the newly admitted UG students of Biological Sciences on “Algal Biotechnology: An emerging area of study and research in the new millennium”	Prof. Ramakrishna Sen , Department of Biotechnology, Date: 29 Indian Institutes of Technology (IIT) Kharagpur
8.	31 st July, 2024	Induction Programme for UG Physics Recent Space Mission to Comets and our Present- Day Understanding of the Origib of Solar System	Prof. Asoke K. Sen , Department of Physics, Assam University, Silchar
9.	13 th August, 2024	Seminar on Management Career in Human Resourse Management	Prof. Nishit Kumar Sinha , Chairperson PGPHRM at IIM Indore
10.	24 th August, 2024	Seminar on ‘ Novel approaches to curb breast cancer: Counteracting metabolic and immune landscape ’ Organized by Department of Zoology	Dr. Saptak Banerjee , Senior Scientific Officer –II, Department of Immunoregulation and Immunodiagnostics, Chittaranjan National Cancer Institute, Kolkata

Sl. No.	Date	Seminar & Workshop	Speakers
11.	29 th August, 2024	Seminar cum Interaction session on “ Holistic approach to Ph. D. in Abroad ” organized by Department of Microbiology, RKMVCC	Rimly Roy , Director & Student Mentor Head, Frame Learning Souvik Roy , Head Student advisor, Frame Learning
12.	21 st September, 2024	Seminar and Interactive Session on “ Entrepreneurship on Biotechnology and Related Fields ” Organized by Department of Microbiology	Dr. Subhalakshmi Ghosh , Director, ALONA Life Sciences Private Limited Dr. Aminul Islam , Managing Director, ALONA Life Sciences Private Limited
13.	1 st October, 2024	Seminar on ‘ Safe Drive, Save Life ’ and Road Safety	Sri Alok Rajoria , IPS, Commissioner of Police, Barrackpore Police Commissionerate Sri Atul V. , IPS Dy. Commissioner of Police, Barrackpore Police Commissionerate
14.	5 th November, 2024	Utsav Sammilani	Tridib Kumar Chattopadhyay , General Secretary of the Publishers & Booksellers Guild, Dr. Pradyot Kumar Medda , Department of Zoology, RKMVCC

Sl no.	Date	Seminar & Workshop	Speakers
15.	16 th November, 2024	Seminar on “ Chemistry, Metallurgy and Material Science in Ancient and Medieval India ”	Prof. Venkatnarayan Ramanathan , Department of Chemistry, IIT Banaras Hindu University (BHU)
16.	27 th November, 2024	Seminar on ‘ Indian Traditional Knowledge Association with Identity and Therapeutic Uses of Plants ’ Organized by the Departments of Botany, Zoology and Microbiology	Dr. Subrahmanya Kumar , Associate Professor of Ayurveda Biology and Holistic Nutrition, TDU University, Bengaluru, India
17.	30 th November, 2024	Seminar on ‘ Youth & Radio ’ Celebrating 166 th Birth Anniversary of J.C. Bose Pioneer of Radio Communication	Sri Shitanshu Shekhar Engineer in Charge ERHQ, Kolkata Wireless Monitoring Organisation D.O.T Govt. of India Ambarish Nag Biswas Secretary West Bengal Radio Club (Amateur Radio/HAM Radio) Sodepur, Kolkata
18.	3 rd December, 2024	Interactive Session with Computer Science students organized by the Department of Computer Science	Dr. Shivakumara Palaiahnakote , University of Salford, UK

Date: 26th-28th December, 2024

Three Days National Level Workshop on Genetic Counselling, Genomic Diagnosis & NGS Data Analysis

Organising Secretary

Dr. Koutilya Bhattacharjee,

Convener Dr. Ajoy Mallik

Department of Zoology

Ramakrishna Mission Vivekananda Centenary College, Rahara

Genetics, Genomics and Genetic Counselling in Medical Practice Keynote Address by **Dr. Shailesh Pande ICMR-NIRRH, India**

Genetic Counselling and BGCI, leading to the Future **Dr. Pavani Upendram General Secretary, BGC India**

“Components and sections required in Pre-Test and Post-Test Genetic Counselling report”

Panel discussion Chairperson - Dr. Pavani Upendram (Medical Geneticist and Genetic Counsellor) Moderator – **Professor Subir Dasgupta (Honourary Emeritus Professor in Zoology)**

Panellists - **Dr. Kushagrathi Ghosh (Clinician, Foetal Expert) Dr. Shiuli Mukherjee (Clinician, IVF specialist) Dr. Mansi Vishal (Senior Lab Genetic Counsellor Oncogenetics) Dr. Emili Banerjee (Senior Genetic Counsellor, Reproductive Genetics) Mr. Venkatesh Pochaboina (Senior Genetic Counsellor, Ophthalmogenetics)**

Building a Successful Career in Biomedical Genomics Your Queries Experts' Answers

Professor Subir Dasgupta (Honourary Emeritus Professor in Zoology) Dr. Mansi Vishal (Genetic Counsellor) Dr. Emili Banerjee (Genetic Counsellor) Mr. Venkatesh Pochaboina (Genetic Counsellor)

Applications of NGS in Clinics – from Exome to Genome Sequencing & VoUS Interpretation
Dr. Ashwin Dalal CDFD, India

Importance of Genetic Counselling in NGS based Analysis Dr. Emili Banerjee Neuberger Diagnostics, India

Overview of NGS and Basics of NGS Data Analysis Dr. **Aneek Das Bhowmik Atal Incubation Centre – CCMB, India**

Understanding Annotated VCF, Variant Filtering & Shortlisting – live demo & Exercise Dr. Aneek Das Bhowmik Atal Incubation Centre – CCMB, India

Exome Sequencing in Clinical Practice – Case Studies Dr. Aneek Das Bhowmik Atal Incubation Centre – CCMB, India

Genomics in Oncology **Dr. Vinod Scaria, IGIB, New Delhi**

Sl no.	Date	Seminar & Workshop	Speakers
19.	17 th December, 2024	Seminar on ' Microplastics as an Emerging Pollutant: Effects on Ecosystem and Way Forward ' jointly organised by Swami Vivekananda Centre for Multidisciplinary Research in Basic Sciences and Social Sciences & the Department of Zoology, RKMVCC	Dr. Mahua Saha Principal Scientist Department of Chemical Oceanography CSIR-National Institute of Oceanography Dona Paula, Goa, India
20.	07 th January, 2025	Seminar on ' Academic Career switching and public health from global to local perspectives ' Jointly organized by Swami Vivekananda Centre for Multidisciplinary Research in Basic Sciences and Social Sciences & Department of Zoology RKMVCC	Dr. Amitabha Sarkar, Public Health Fellow, Tampere University, Finland
21.	17 th January, 2025	Seminar on ' Translating Genomics into Health Care ' And screening of 'Vision of the Blind Lady' Organised by Department of Zoology Ramakrishna Mission Vivekananda Centenary College, Rahara	Dr. Arijit Mukhopadhyay Professor of Precision Health, University of Salford, United Kingdom
22.	18 th February, 2025	CELEBRATION OF INTERNATIONAL WETLAND DAY, 2025 "Protecting Wetlands for Our Common Future" organized by P.G. Department of Botany, RKMVCC in collaboration with P.G. Department of Zoology, RKMVCC sponsored by East Kolkata Wetlands Management Authority, Pranisampad Bhavan, Sector-III, Salt Lake, Kolkata- 700 106	Dr. Anirban Roy, WBBB Dr. Neera Sen Sarkar, Associate Professor in Botany, Kalyani University Dr. Subhendu Mazumder, Associate Professor in Zoology, Shibpur Dinabandhu Institution.

Sl no.	Date	Seminar & Workshop	Speakers
23.	22 nd February, 2025	One day Seminar on ' Prospect of PG course in Mathematics and Computing ' Organised by Department of Mathematics	Sri Abhijit Gayen , Project Development officer in TETHER Software Company
24.	7 th March, 2025	The 2025 Science Day Lecture ' Cancer Stem Cell: The Pivotal piece of Cancer Puzzle ' Organized by Indian National Academy of Engineering INAE-Kolkata Chapter in association with Department of Zoology Ramakrishna Mission, Vivekananda Centenary College, Rahara, Kolkata -700118	Prof. Tanya Das , PhD, FNASc, FAScT, FPSI ICMR Emeritus Scientist, Bose Institute, Kolkata
25.	08 th March, 2025	Seminar on Techniques, Applications and Prospects of Human Molecular Genetics and Cytogenetics Department of Zoology Ramakrishna Mission, Vivekananda Centenary College, Rahara, Kolkata -700118	Prof. (Dr.) Ashoke K. Pal Professor (Human Genetics) (Retd.) Centre for Genetics and Genomics Mahatma Gandhi Institute of Medical Sciences, Sevagram-442102, Maharashtra, India

Sl no.	Date	Seminar & Workshop	Speakers
26.	18 th & 19 th March, 2025	<p>Anujeevan: 2 Days National Symposium on “Microbes: Miracle or Menace Innovation for Health, Environment & Industry”</p> <p>Organised by Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College</p>	<ul style="list-style-type: none"> ✓ Prof. Anirban Basu, Scientist, BRIC National Brain Research Centre (NBRC), Haryana ✓ Dr. Sourish Ghosh, Senior Scientist, CSIR-Indian Institute of Chemical Biology (CSIR–IICB), Kolkata ✓ Mr. Dhritiman Ghosh, Industrial Microbiologist QCF of Starmilk Products Pvt. Ltd. ✓ Dr. Avisek Mahapa, Senior Scientist Infectious Diseases Division CSIR-Indian Institute of Integrative Medicine (CSIR–IIIM), Jammu ✓ Dr. Dipak Manna, Assistant Professor, School of Biological Sciences RKMVERI

Date	Workshop	Resource Person
14- 19th March 2024.	Workshop on "Molecular Biology: Tools & Techniques"	Dr. Biswajit Ghosh, Department of Botany, RKMVCC Rahara
1-5th April 2024.	Workshop on " Molecular Biology: Tools & Techniques"	Dr. Biswajit Ghosh, Department of Botany, RKMVCC Rahara
28 th October to 29 th October, 2024	Two-Days Hands-On Workshop on "Molecular Techniques for Gene Expression Analysis"	Dr. Ajoy Mallik, Department of Zoology
7 th November to 8 th November, 2024	Two-Days Hands-On Workshop on "Molecular Biology Tools & Techniques"	Dr. Ajoy Mallik, Department of Zoology
22 nd December to 23 rd December, 2024	2-Days Hands-On Workshop on "Biochemistry and allied fields - From pipette to cuvette"	Dr. Arunava Mukherjee and Dr. Ajoy Mallik, Department of Zoology
22 nd January to 23 rd January, 2025	2 Days Hands-On Workshop on "Decoding Cytogenetics : Exploring Cell Division and modes of Inheritance"	Dr. Arunava Mukherjee and Dr. Ajoy Mallik, Department of Zoology
20 th February, 2025	One Day Faculty Lecture Workshop on "Techniques, Applications and Future Prospects of Metagenomics and Aquaculture Engineering in Advance Research"	Dr. Ajoy Mallik, Department of Zoology
3 rd March to 7 th March, 2025	5-Days Hands-On Workshop on "Molecular and Immunological Tools and Techniques"	Dr. Bibhabasu Hazra, Dr. Subrata Kundu and Dr. Avijit Chakraborty, Department of Microbiology



College Fee

- The following fees per month are payable in advance reckoning from the month of July. Any change in the rates will be notified in due course on the college Notice Board. (The following rates of fees are liable to increase if amount of Government grant is reduced in future). A separate fee-structure for P.G. course is furnished on page 33.

(Establishment fee Rs. 50 × 12 = 600)

Admission fee Rs. 1000 /-

Semester fee Rs. 2000/-

Certificate Course fee Rs. 1500/-

- Students must clear their college dues before being allowed to sit for the Test and Semester Examination. Establishment Fee is same for all the students.

Tuition fee	-	Rs. 110/-
Laboratory Fee	-	Rs. 100/-
Development Fee	-	Rs. 100/-
Generator Fee	-	Rs. 100/-

Session Charges

- Besides the fees detailed above, the following are to be paid at the time of admission and the beginning of every new session.
- The session charges are same for all the students. Students having Botany, Zoology & Microbiology combination will have to bear the cost for excursions included in the syllabus.

Renovations & Repair	Rs. 1700/-
College Examination Fee	Rs. 2000/-
Library Fee	Rs. 1200/-
Students' Activities & Welfare	Rs. 120/-
Ceremonials including Saraswati Puja	Rs. 100/-
Water & Electricity	Rs. 1700/-



Caution Money Deposit

- At the time of admission, students are required to make a Caution Money Deposit according to the following rates.
- All caution money deposits are refundable to the students within 3 months from the date of publication of the results of University Examination after necessary deduction for Laboratory and Library damage, breakages or losses of College property, if any. A minimum amount of Rs.100/- will be deducted from each student for general breakage, wear & tear. No interest is paid on the caution money deposits. The caution money deposit shall be forfeited and transferred to the Principal's Aid Fund if the same is not withdrawn within one year from the date of leaving the college of the date of publication of the results of the relevant public examination whichever is earlier.

Hons.

Laboratory Deposit	: Rs.	100/-
Library Deposit	: Rs.	100/-
Total	: Rs.	200/-

Registration Fee

- Students of the First Year Class will be required to pay a sum of Rs. 210/- at the time of admission as University Registration Fee. Any student falling to maintain necessary regular contact with the college office in connection with the University Registration formation shall forfeit his seat.
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Migration Fee

- Students coming from Universities and Education Boards other than the W.B State University and the West Bengal Council for Higher Secondary Education may be provisionally admitted on payment of prescribed migration fee (if any) for their selected course of studies. Such students will have to furnish certain particulars in prescribed forms, and also a migration certificate from his previous University/ Council/ Board in due course.

Collection of Tuition Fees

- Fees are payable generally at the beginning of each session. All the students promoted to next higher class in this College will be required to pay all college fees including session charges within two weeks from the date of commencement of respective classes. The name of the student who will be defaulter will be struck-off from the rolls of the college.

Transfer

- A transfer fee of Rs.-200/- is charged for transfer. Before transfer certificate is issued to student, he must follow all the formalities as instructed at the time of his admission and must clear all his college dues, if any. A Transfer certificate is generally issued to a student 10 days from the date of his application for the same, duly countersigned by guardians. Student whose presence in the Institution is considered to be detrimental to the interests of the College, will be issued transfer certificate and it will not be open to the student or guardian concerned to ask for the reason.
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Library

- The college has a library run on modern lines with fully computerised on-line access system with RFID tagging. Each student is provided one RFID tagging card which are to be returned if the student discontinues his studies at the college. The college Library remains open from 7-00 a.m. to 5-15 p.m. on full working days. In addition to the normal library facilities from Lending and Reference sections, students are also provided with books on long term loan on payment of 20% of the cost of books as handling charges.



Religious Instruction:

- The College is under the management and supervision of the Ramakrishna Mission Boys' Home. The students are, therefore, expected to participate in all religious and social functions and activities of the Mission. The special feature of the College is to impart religious instruction of a very broad and catholic nature as preached and practised by Sri Ramakrishna and propounded by his disciple Swami Vivekananda. Ramakrishna-Vivekananda literature is available in the library and students are expected to make effective use of it.
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Dress

- The college has prescribed uniforms for UG & PG students respectively. It is mandatory for the students to wear college uniform.



Discipline

- Students should conform to the rules and discipline of the college. They should be respectful to the teachers and other staff members of the college. They should regularly see the notice on the Notice Board and act accordingly. They should also scrupulously avoid all political activities and demonstrations. Collection of any sort of funds from among the students or holding of meeting in and around the premises is not allowed without the prior permission of the Principal. Any breach of discipline will be seriously dealt with and the decision of the Principal in all such cases shall be final.

Stipends and Free Studentship

- Students, if eligible may receive SC/ST, national merit, national loan or other scholarships. Application for such stipends is to be made through the Principal in the prescribed form.
- The following is the list of scholarships received by our students. Some scholarships are directly transferred to the students to own Bank Account. Their names are not counted here.

Name of the Scholarship	Amount (Rs)	Total Students	Total Amount (Rs)
Merit-cum-Means	18000 × 441 = 79,38,000/- 30000 × 165 = 49,50,000/-	943	2,40,06,500/-
Inspire- Scholarship	60,000 × 134 = 80,40,000/-		
Sitaram Jindal Foundation (64 Students)	6, 97,000/-		
National Scholarship	12000 × 79 = 9,48,000/-		
Indusind Bank	24000 × 1= 24,000/-		
RKMVCC Lunch Scheme	30000 × 40 = 12,00,000		
L.I.C Scholarship	24000 × 1= 24,000/-		
Reliance Foundation	50000 × 2 = 1,00,000/-		
Shyamal Kr. Ghosh and Kalpana Ghosh Scholarship	3000 × 1 = 3,000/- 3500 × 1 = 3,500/-		
Airforce Association Scholarship	12000 × 1 = 12,000/-		
Bhutoria Memorial Trust Scholarship.	7000 × 5 = 35,000/- 4000 × 8 = 32,000/-		
Total			



Attendance

- Students seeking admission to this College should be very regular in attendance at classes. For all the students, the promotion to next higher class will depend on very regular class attendance for theory and practical separately in each subject and securing qualifying mark at all the examinations held during the year. Similarly in class of re-admission, any student who has failed to attend the classes regularly, his case will not be considered for re-admission. All the guardians are requested to be careful about their wards in connection with attendance, promotion, etc.
- Any newly-admitted student found remaining absent for three consecutive working days w.e.f the date of commencement of classes without the permission of the Principal will forfeit his seat.
- A student to be sent up for the Semester Examination must have attended the classes regularly (theoretical & practical classes taken separately in each subject) and secured qualifying marks in all the examinations held during the year.
- A student failing to attend the classes regularly will be treated as non-collegiate and subsequently may not be allowed to appear in the examination.



Salient Points

- The college is a **Post-Graduate Science College**.
- Twenty (20) Students of different department are working for their Ph.D thesis in the College Laboratories.
- The College is a **DST-FIST Centre**.
- The college is a **WBDST-FIST Centre**.
- The college is a **DBT-STAR college status**.
- The college is **BOOST Centre by WB DBT**
- The College is centre for Campus Recruitment by the multi-national organisations like TCS, ACC etc.
- Accredited by **NAAC with Grade-A++**

College with Potential for Excellence(CPE)

- College has got **Autonomous status** from UGC
- College has got the Recognition of **Scientific and Industrial Research Organisations (SIROs)** by the MINISTRY OF SCIENCE AND TECHNOLOGY, Govt. of India.
- According to **NIRF the college in 3rd** position in the National Level.



NIRF Ranking 2024:

- The National Institutional Ranking Framework (NIRF) was approved by the MHRD and launched by Honorable Minister of Human Resource Development on 29th September 2015.
- This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover “Teaching, Learning and Resources,” “Research and Professional Practices,” “Graduation Outcomes,” “Outreach and Inclusivity,” and “Perception”.
- As per the result declared by MHRD on 2024; our college has secured 3rd rank in India.



Schedule of Fees and Charges per annum for M.Sc. Course

Particulars	First Instalment (Rs.)	Second Instalment (Rs.)	Total (Rs.)
	(A)	(B)	(A+B)
Tuition Fee	960.00	960.0	1920.00
Laboratory Fee	4000.00	4000.00	8000.00
Course Fee	10000.00	10000.00	20000.00
Development Fee	1620.00	1620.00	3240.00
Electricity	360.00	360.00	720.00
Examination Fee	440.00	440.00	880.00
Students' Activities & Welfare	70.00	70.00	140.00
Ceremonials	30.00	50.00	80.00
Identity Card	20.00		20.00
Total	17500.00	17500.00	35000.00

College Faculties:

Honorary Monastic Members

Swami Kamalasthananda Principal

Swami Vedanuragananda, Controller of Examinations

Swami Mokshapadananda, Office Superintendent cum Treasurer

Swami Kavishwarananda, Assistant Controller of Examinations

Controller of Examination Office

Swami Vedanuragananda, Controller of Examinations

Swami Kavishwarananda, Assistant Controller of Examinations

Prof. Pannalal Das, Assistant Controller of Examinations

Prof. Manas Moulic, Assistant Controller of Examinations

Sri Subhasish Samanta

Sri Sandip Goswami

Sri Bimalendu Baidya

Department of Physics

Prof. Asok Kumar Pal, M.Sc., Ph.D. (Head of the Dept.)

Prof. Chandan Kumar Das, M.Sc., Ph.D.

Prof. Atisdipankar Chakraborty, M.Sc., Ph.D.

Prof. Sankhasubhra Nag, M.Sc., Ph.D.

Prof. Rajen Kundu, M.Sc., Ph.D.

Prof. Bhaskar Haldar, M.Sc.

Prof. Kalyan Brata Chatterjee, M.Sc., Ph.D.

Prof. Anjan Kumar Chandra, M.Sc., Ph.D.

Prof. Palash Nath, M.Sc., Ph.D.

Dr. Guru Charan Mahato, M.Sc., Ph.D., FICCE, G.L.I

Sri Tapan Chatterjee, Lab Attendant

Sri Jagadish Samanta, Lab Attendant

Department of Chemistry

Prof. Tapas Ghosh, M.Sc., Ph.D. (Head of the Department)

Prof. Kumar Ranabir Sur, M.Sc. Ph.D.

Prof. Ranjan Patra, M.Sc., Ph.D.

Prof. Subhabrata Banerjee, M.Sc., Ph.D.

Prof. Buddhadeb Dutta, M.Sc., Ph.D.

Prof. Bipul Mondal, M.Sc., Ph.D.

Prof. Debabrata Jana, M.Sc., Ph.D.

Prof. Kaustab Mandal, M.Sc., Ph.D.

Prof. Supratim Suin, M.Sc., Ph.D.

Prof. Saugata Sarkar, M.Sc., Ph.D.

Prof. Chandrakanta Bandyopadhyay, M.Sc., Ph.D (Emeritus Professor)

Prof. Kalipada Pal, (Management appointed)

Prof. G . N. Mukherjee, (Visiting Faculty)

Prof. S. C. Bagchi, (Emeritus Professor)

Prof. Gautam Gangopadhyay, (Emeritus Professor)

Sri. Anal Ranjan Naskar, Lab. Attendant

Sri Basudeb Debnath, Lab. Attendant

Sri Biswanath Mandal, Lab. Attendant

Department of Mathematics

Prof. Pravanjan Kumar Rana, M.Sc., Ph.D. (Head of the Department)

Prof. Partha Ray, M.Sc. Ph. D.

Prof. Abhishek Kanti Biswas, M.Sc. Ph. D.

Prof. Bikash Chakraborty, M.Sc. Ph. D.

Prof. Kshitish Chandra Mistri, M.Sc. Ph. D.

Prof. Phonindra Nath Das, M.Sc. Ph. D.

Prof. Santanu Biswas, M.Sc. Ph. D.

Sri Soumya Patra. M.Sc.

Prof. Amit Biswas, (Management appointed)

Prof. A. Hore (Management appointed)

Prof. Dilip Kumar Ganguly (Visiting Faculty)

Prof. Sanjib Kumar Datta (Visiting Faculty)

Prof. Chinmay Ghosh (Visiting Faculty)

Prof. Bappaditya Ghosh (Visiting Faculty)

Prof. Anup Kumar Koley (Visiting Faculty)

Department of Botany

Prof. Swapan Kumar Ghosh, M.Sc., Ph.D. (Head of the Department)

Prof. Biswajit Ghosh, M.Sc., Ph.D., PG Coordinator

Prof. Harishankar Dey, M.Sc., M.Phil, Ph.D.

Prof. Anirban Kundu, M.Sc., Ph.D.

Prof. Biswajit Roy, M.Sc., Ph.D.

Prof. Avik Kumar Choudhury, M.Sc., Ph.D.

Prof. Anirban Bhar, M.Sc., Ph.D.

Prof. T. B. Jha, (Visiting Faculty)

Prof. Ambarish Mukherjee (Visiting Faculty)

Prof. Manas Ranjan Majumdar (Visiting Faculty)

Dr. Niloy Chakraborty, M.Sc., Ph.D, G. L. I.

Sri Tarapada Parya, Specimen Collector

Sri Shankar M. Rao, Lab Attendant

Department of Zoology

Swami Vedanuragananda, (Coordinator)

Prof. Koutilya Bhattacharjee, M.Sc., Ph.D.

Prof. Arunava Mukherjee, M.Sc., Ph.D.

Prof. Samir Sardar, M.Sc.

Prof. Rupak Kumar Das, M.Sc.

Prof. Ajoy Mallik, M.Sc., Ph.D.

Prof. Tanmoy Paul, M.Sc, Ph. D

Dr. Subham Mookerjee M.Sc, Ph. D

Prof. Bulganin Mitra, (Emeritus Professor)

Prof. Pannalal Das, (Management appointed)

Prof. Pradyot Kumar Medda, M.Sc., Ph.D. (Management appointed)

Prof. Abhay Shankar Chakraborti (Visiting Faculty)

Sri Partha Bose, Lab.Attendant

Sri Kanailal Sarkar, Lab.Attendant

Department of Microbiology

Swami Kavishwarananda, Co-ordinator (Honorary Monastic Member)

Prof. Bibhabasu Hazra, M.Sc., Ph.D.

Prof. Basudev Murmu, M.Sc.

Prof. Sekhar Pal, M.Sc., Ph.D.

Dr. Subrata Kundu, M.Sc., Ph.D.

Dr. Sujoy Pal, M.Sc., Ph. D.

Dr. Somuyadip Paul, M.Sc., Ph. D.

Dr. Avijit Chakraborty, M.Sc., Ph. D. (Management appointed)

Dr. Debasish Malik, M.Sc., Ph. D. (Guest Faculty)



Department of Computer Science

Swami Vedanuragananda, Co-ordinator (Honorary Monastic Member)

Prof. Manas Pal, M.Sc., M. Tech.

Prof. Chayan Halder, M.Sc., Ph.D.

Prof. Samir Kumar Bandyopadhyay, Ph.D.(CU), Ph.D. (UK) (Emeritus Professor)

Prof. Soumya Paul, M.Sc., M. Tech, Ph.D., D.Lit. (Guest faculty)

Dr. Biswajit Biswas, M.Sc. M.Tech., Ph. D.

Sri Prasenjit Das, M.Sc. M.Tech.

Dr. Shambo Chatterjee, M.Sc. M.Tech., Ph. D.



Swami Vivekananda Centre for Multidisciplinary Research in Basic Sciences and Social Sciences

Dr. Tuhin Chatterjee, Coordinator

Centre for Professional Studies

Dr. Tuhin Chatterjee, Coordinator

Sri Debabrata Shom, Joint Coordinator



Library

Dr. Rabi Kumar Dey, Ph.D. Librarian

Dr. Sudip Diswas, Ph.D., Librarian

Sri. Pradip Das, Library Attendant

Sri Tanmay Kar, Library Attendant

Language Department

Prof. Manas Moulic, M.A.

Swami Vijnanananda Gallery on Indian Knowledge Systems

Dr. Sujoy Pal, Coordinator



College Office

Sri Diptarup Das, Office Staff

Sri Chimay Mandal Office Staff

Sri. Kartik Bagdi, Office Staff

Sri Chiranjib Mondal, Office Staff

Sri Barun Bachar, Office Staff

Sri Saptarshi Chakraborty, Office Staff

Sri Shoven Mitra, Office Staff

Sri Srikanta Bagdi, Office Staff

Sri M. Yadav, Office Staff

Sri Rajendra Yadav, Office Staff

Sri Debasish Sarder, Office Staff





“We want the education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one’s own feet.”

...Swami Vivekananda

ॐ असतो मा सद्गमय।
तमसो मा ज्योतिर्गमय।
मृत्योर्मा अमृतं गमय।
ॐ शान्तिः शान्तिः शान्तिः॥