RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE

Rahara, Kolkata 700 118

Prospectus 2023

- 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

तमसो मा ज्योतिर्गमय

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 3 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, Botany , Physics, Zoology and Mathematics.
- The college is also providing UGC Recognized Certificate Courses for degree students.
- Note: *Some Day-section classes of subjects like 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 & CBCS

- **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.
- **Choice Based Credit System (CBCS):** The CBCS provides choice for students to select from the prescribed courses (core, elective or minor or soft skill courses).
- **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 Choice Based Credit System:

- **Core Course (14 for Honours 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 core requirement is termed as a Core 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.

- **Generic Elective (GE) Course (4 for honours courses):** An elective course chosen from an unrelated discipline/subject, with an intention to seek exposure beyond discipline/s of choice is called a Generic Elective.

- **Ability Enhancement Courses (AEC):** The Ability Enhancement (AE) Courses may be of two kinds: Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC).

- An undergraduate degree with Honours in a discipline may be awarded if a student completes 14 core papers in that discipline , 2 Ability Enhancement Compulsory Courses (AECC), minimum 2 Skill Enhancement Courses (SEC) and 4 papers each from a list of Discipline Specific Elective and Generic Elective papers, respectively.

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. Bandyopadhay 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

- The College introduced the Post Graduate Course in Mathematics 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.

M Sc. Course in Physics

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

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.

UGC Recognized Certificate Course

The College has introduced two UGC Recognized certificate courses for the students pursuing degree course in our college.

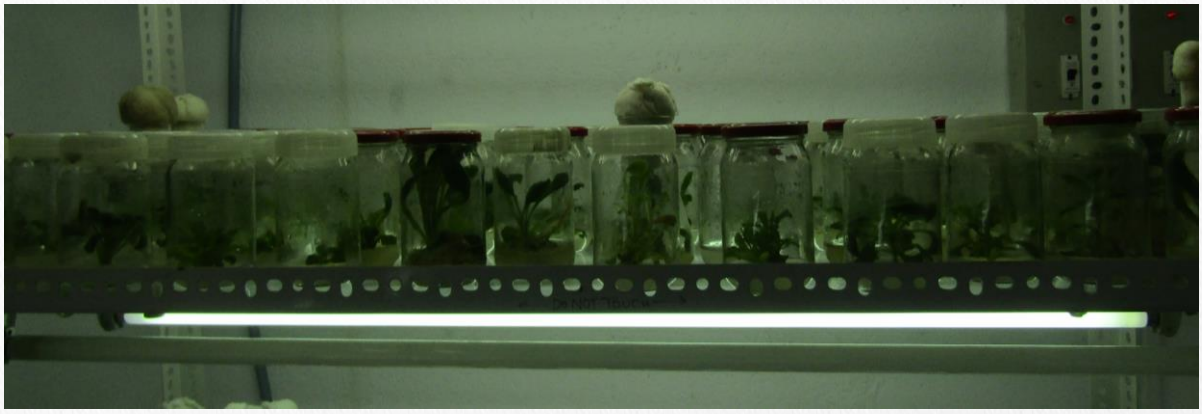
1. **Mushroom Cultivation and Management**
2. **Web Designing for Beginners**

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.	Floriculture and Landscaping
2.	Sports Medicine and Talent Identification
3.	Environmental Protection / Management
4.	Field Study and Environment Education
5.	Yoga for Physical and Mental Health
6.	Communicative English & Language Practice
7.	Robotics & IOT
8.	Physicoinformatics

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.



Post Graduate Diploma Course:

A Post Graduate Diploma course in Agriculture Biotechnology on "Quality Assurance Testing of Tissue Culture Raised Plants" was introduced in 2018-19 session. This is a Skill Development Programme sponsored by Department of Biotechnology (DBT), Govt. of India. This one-year diploma course is certified by Life Sciences Sector Skill Development Council (LSSSDC**),** Ministry of Skill Development and Entrepreneurship, Govt. of India.

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 88 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
2022 – 23 Session

Sl no.	Date	Seminar & Workshop	Speakers
1.	5th July, 2022	Seminar on 'Bioactive natural product and Drug design'	**Prof. Arun Ghosh** Ian P. Rothwell Distinguished Professor, Department of Chemistry, Purdue University, USA
2.	6th August, 2022	Seminar on 'Bioengineering based strategies to modulate cell functionality and to combat infections : new perspective to old challenges'	**Prof. Bikramjit Basu**, Materials Research Centre and Center for Biosystems Science and Engineering
3.	9th August, 2022	Induction Programme for the newly admitted UG students of Chemistry	**Prof. Dulal Panda**, Director National Institute of Pharmaceutical Education And Research (NIPER) Mohali
4.	11th August, 2022	Induction Programme for the newly admitted UG students of Computer Science	**Prof. Arvind Choubey**, Director, Indian Institute of Information Technology
5.	12th August, 2022	Induction Programme For the newly admitted UG students of Microbiology	**Dr. J Gowrishankar**, Director, Indian Institutes of Science Education and Research (IISER) Mohali

Sl no.	Date	Seminar & Workshop	Speakers
6.	13th August, 2022	Induction Programme For the newly admitted UG students of Botany	**Dr. A.K. Shasany,** Director, ICAR- National Institute for Plant Biotechnology
7.	15th August, 2022	Induction Programme For the newly admitted UG students of Physics	**Sunil Kumar, Palakurissi Balagopal,** Director, Indian Institute of Technology (IIT) Palakkad
8.	16th August, 2022	Induction Programme For the newly admitted UG students of Mathematics	**Dr Anish Ghosh,** Tata Institute of Fundamental Research (TIFR) Bhatnagar Awardee
9.	17th August, 2022	Induction Programme For the newly admitted UG students of Zoology	**Prof. Sudhanshu Vrati,** Director, Regional Centre for Biotechnology
10.	22nd August, 2022	Awareness Programme on 'Save the Frogs' organized by Depatment of Zoology, along with Debate Competition and Elocution Competition	

Sl. No.	Date	Seminar & Workshop	Speakers
9.	2nd September, 2022	International Seminar on Material Science, Under DBT STAR college Scheme, Topics: "Human Interactive energy harvester and self-powered electronics"	**Dr. Suman Nandy** Department of Materials Science, CENIMAT-13N, NOVA School of Science and Technology, Portugal
10.	28th September, 2022	International colloquium and student interaction session. Organized by Department of Botany	**Dr. Amit Roy**, Czech University of Life sciences, Prague, Czech Republic.
11.	5th September, 2022	Disaster Management Awareness journey at the Haldia Riverfront Beach. The programme was organized in collaboration with other groups from Vigyan Prasar, Government of India; Indian Institute of Chemical Biology (IICB) and West Bengal State University (WBSU).	
12.	26th - 28th September, 2022	Three days Workshop on "Hands on training in Plant Biotechnology"	

Sl. No.	Date	Seminar & Workshop	Speakers
13.	9th - 11th November, 2022	Three days Workshop on "Hands on training in plant tissue culture techniques" Number of participated Institutes : 9 Number of Participants: 32	
14.	22nd – 24th November, 2022	Three days Workshop on "Hands on training in Molecular Biology Techniques" Number of participated Institutes : 12 Number of Participants: 31	
15.	10th November, 2022	Celebration of World Science Day Organised by Department of Botany Poster competition for UG and PG students	**Prof. Gourav Gangopadhyay**, HOD, Division of Plant Biology Bose Institute, Kolkata.
16.	3rd – 4th January 2023	Two days' intradepartmental workshop on Basic idea of Biostatistics. Organised by Department of Microbiology	**Dr. Sayantan Banerjee,** Associate Professor, Operations Management & Quantitative Techniques Area, Indian Institute of Management, (IIM) Indore

Sl no.	Date	Seminar & Workshop	Speakers
17.	17th January, 2023	An Invitation to Chaos -organised by Dept of Mathematics, under the DBT STAR Scheme	**Dr. Sankhadip Chakraborty** Southern University of Science and Technology, China
18.	18th January, 2023	Seminar on Intellectual Propert Rights In association with IQAC, Ramakrishna Mission Vivekananda Centenary College, Rahara, West Bengal	**Dr. Kausik Bag**, Examiner of Patents & Designs, The Patent Office, Kolkata Dr. Sankhadeep Pal, Examiner of Patents & Designs, The Patent Office, Kolkata
19.	30th January, 2023	Seminar of Therapeutic potential of rab11 in treatment of Parkinsons disease	**Prof. Jagat Kumar Roy**, Zoology Dept. BHU
20.	30th January, 2023	Genetics Seminar and Hands on Training Workshop organized by Dept. of Zoology under DBT STAR Scheme	**Prof. Jagat Kumar Roy**, Department of Zoology, BHU
21.	2nd February, 2023	One day seminar on " Science and the music" organized under DBT STAR College scheme	**Dr. Debojyoti Chakraborty** Scientist, CSIR-Institute of Genomics and Integrative Biology(IGIB), New Delhi, India

Sl no.	Date	Seminar & Workshop	Speakers
22.	10th February, 2023	Seminar on "Is there any N Playground in SMetropolis!"	**Dr. Srimoy Bhattacharya** Post Doctoral Fellow, University of Witwatersrand, South Africa
23.	17th February, 2023	Seminar on "Drosophila melanogaster: an excellent system to unravel the mechanistic in-depths of human neurodegenerative disorders"	**Dr. Surajit Sarkar,** Dept of Genetics, Delhi University
24.	17th February, 2023	Seminar on 'And as we moved, we embraced and we absorbed' organized by Dept. of Zoology under DBT STAR Scheme	**Prof. Partha Pratim Majumder,** Distinguished Professor, National Institute of Biomedical Genomics,Kalyani
25.	17th February, 2023	Seminar on " Iron (III) Complexes of a Hexadentate Thioether- Appended 2-Aminophenol Ligand : Redox-Driven Spin State Switchover"organized by Dept. of Chemistry under DBT STAR Scheme	**Prof. R.N Mukherjee,** Indian Institute of Technology IIT Kanpur

Sl no.	Date	Seminar & Workshop	Speakers
26.	6th-11th March, 2023	ATM (Advanced Training in Mathematics) School in collaboration with National Centre for Mathematics (a joint centre of TIFR and IIT Bombay) on 'TEW ON Analysis and Topology	Prof. Pratulananda Das, Jadavpur University Topic: Metric space topology Dr. Amiya Mondal, IISER Berhampur Topic:Topology in $\mathbb{R}$ Dr. Pabitra Barik, IISER Berhampur Topic:Calculus of two variables Dr. Sushil Gorai, IISER Kolkata Topic: Complex Analysis
27.	13th March, 2023	Surface Enhanced Raman Spectroscopy: A Molecular Detective organized by Dept. of Physics and Dept of Chemistry under DBT STAR Scheme	Joydeep Chowdhury, Prof., Jadavpur University
28.	16th March, 2023	One day Hands-on training on " Analysis of Avian Droppings: A non-invasive and cost-effective process to describe diet of birds " Organized by Ecosystem and Ecology Laboratory Department of Zoology under the DBT STAR College Scheme	
29.	17th March, 2023	One day Hands-on training on "Squamation pattern analysis in fish" Organized by Ecosystem and Ecology Laboratory Department of Zoology under the DBT STAR College Scheme	

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.90/-**
Development Fee	**-**	**Rs.70/-**
Generator Fee	**-**	**Rs. 50/-**

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. 660/-
College Examination Fee	Rs. 2000/-
Library Fee	Rs. 1000/-
Students' Activities &Welfare	Rs. 120/-
Ceremonials including Saraswati Puja	Rs. 100/-
Water &Electricity	Rs. 1040/-

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.

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.

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.

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 × 401 = 72,18,000/- 30000 × 115 = 34,50,000/-	824	1,78,54,920/-
Inspire- Scholarship.	60,000 × 84 = 50,40,000/-		
Sitaram Jindal Foundation	1200 × 4 = 4,800/- 13800 × 3 = 41,400/- 17000 × 2 = 34,000/- 6600 × 9 = 59,400/- 18000 × 1 = 18,000/- 12100 × 1 = 12,100/- 1400 × 1 = 1,400/- 2400 × 2 = 4,800/- 9000 × 1 = 9,000/- 8400 × 1 = 8,400/- 6300 × 1 =6,300/-		
National Scholarship	10000 × 189 = 18,90,000/-		
Tution Fee Waiver Stipend from R.K.M.V.C.C.	1320 × 1 = 1,320/-		
Bhutoria Memorial Trust Scholarship.	7000 × 8 = 56,000/-		
Total			1,78,54,920/-

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 (SlROs)** by the MINISTRY OF SCIENCE AND TECHNOLOGY, Govt. of India.
- According to **NIRF the college in 11th** position in the National Level.

NIRF Ranking 2019:

- 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 8th April, 2019; our college has secured 8th 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

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 Chinmoy Choudhury, B.Sc., M.A., 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. Kalipada Pal, (Management appointed)

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

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

Prof. Chandrakanta Bandyopadhyay, M.Sc., Ph.D

Prof. K. Bhattacharyya, (Emeritus Professor)

Prof. M. N. Bishnu, (Visiting Faculty)

Sri. Gangadhar Chakraborty, B.Sc., G. L. I.

Sri Ramesh Chandra Pal, Store Keeper

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.

Sri Soumya Patra. M.Sc.

Prof. Amit Biswas, (Management appointed)

Prof. A. Hore (Management appointed)

Prof. P. Seth (Management appointed)

Prof. P. C. Pal (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. Bidyut Bhushan Chattopadhyay, M.Sc., (Head of the Department)

Prof. Swapan Kumar Ghosh, M.Sc., Ph.D.

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 Ashok Khanra, Specimen Collector

Sri Shankar M. Rao, Lab Attendant

Department of Zoology

Prof. Pradyot Kumar Medda, M.Sc., Ph.D. (Head of the Department)

Prof. Debkumar Datta, M.Sc., Ph.D.

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.

Dr. Subhajit Maity M.Sc, Ph. D

Dr. Subham Mookerjeee M.Sc, Ph. D

Prof. Bulganin Mitra, (Emeritus Professor)

Prof. Pannalal Das, (Management appointed)

Sri Priyobrata Sinha, (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. Bivabasu 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. Debasish Malik, (Guest Faculty)

Sri Avijit Chakraborty, (Guest Faculty)

Department of Computer Science

Swami Vedanuragananda, Co-ordinator (Honorary Monastic Member)

Prof. Pravanjan Kumar Rana, M.Sc., Ph.D. (Advisor)

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)

Sri Biswajit Biswas, M.Sc. M.Tech.

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.

College Office

Sri Diptarup Das, Office Staff

Sri Chimay Mandal Office Staff

Sri. Anup K. Kamath, Office Staff

Sri. Kartik Bagdi, Office Staff

Sri Chiranjib Mondal, Office Staff

Sri Barun Bachar, Office Staff

Sri Saptarshi Chakraborty, Office Staff

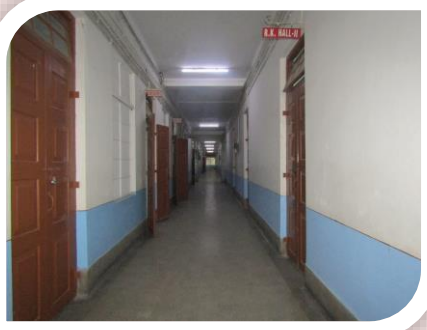
Sri Shoven Mitra, Office Staff

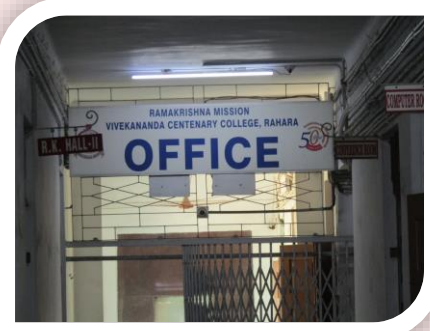
Sri Srikanta Bagdi, Office Staff

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 ॥