



RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE

Rahara, Kolkata 700 118

- ❖ 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
- ❖ NIRF India ranking: In 2019 - 8th in India, In 2020 11th in India
- ❖ Recognition of SIROs by Ministry of Science and Technology, New Delhi

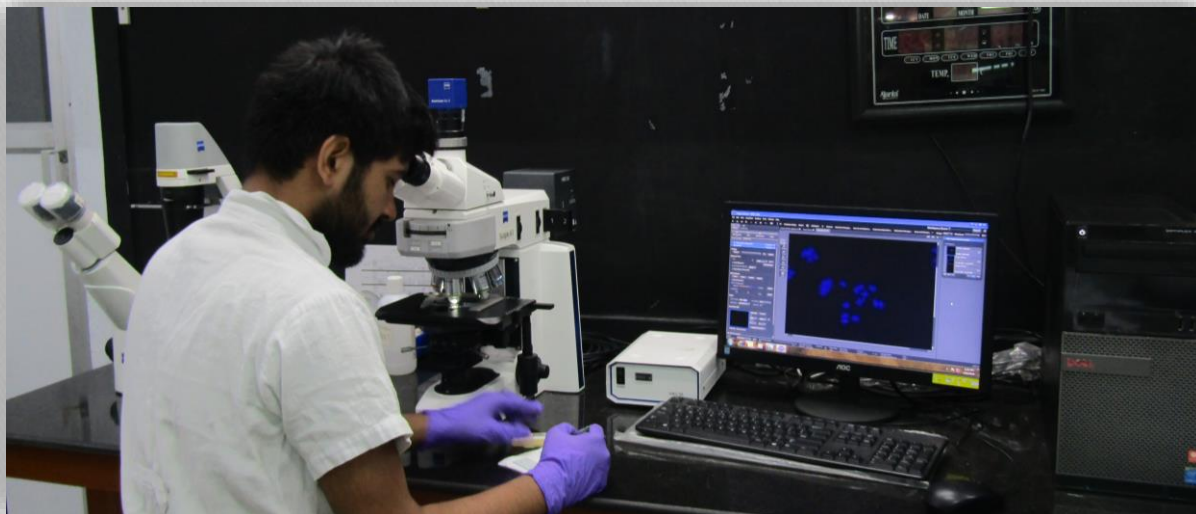


Prospectus 2021



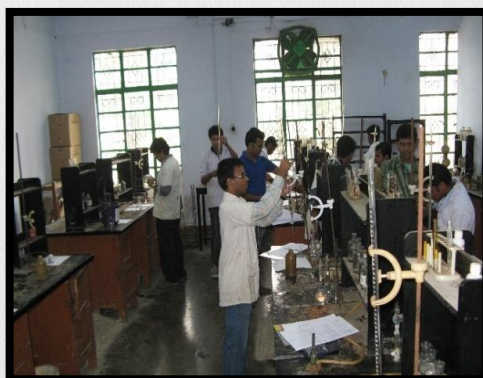
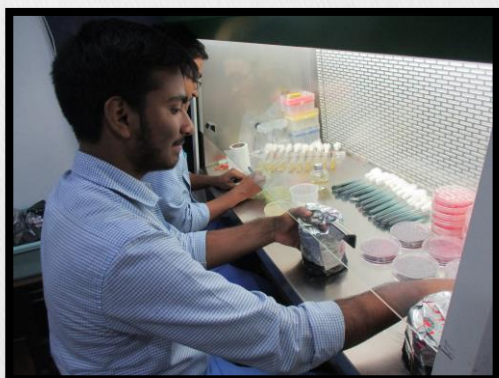
History:

- 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 , 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.)**
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- 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

- 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.



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.

Webinar and Workshop

Sl no.	Date	Webinar & Workshop	Speakers
1.	22nd and 23rd June, 2020	Celebration of International Yoga Day 2020 Online Webinar	<ul style="list-style-type: none">✓ Prof. Ramesh Chandra Sinha, Chairman, Indian Council of Philosophical Research, New Delhi✓ Prof. N. C. Panda, Professor of Sanskrit, ICCR Chair Visiting Professor, Silpakorn University, Bangkok, Thailand✓ Dr. Uday Shankar Ray, Prof. Department of Sports Science and Yoga, Ramakrishna Mission Vivekananda Educational and Research Institute✓ Dr. Jagannath Patil, Specially appointed Professor, Ministry of Education, Culture, Sports and Technology (MEXT), Tokoyo, Japan
2.	1st July, 2020	Webinar on “ STEM Education and Then What? ”	Prof. Subhasish Choudhry , Director; Indian Institute of Technology, (IIT) Bombay

Sl no.	Date	Webinar & Workshop	Speakers
3.	1st July, 2020	Webinar on Yantra, Tantra, Mantra	Sri Tapan Misra , Former director, Space Application centre, Department of Space, ISRO
4.	3rd July, 2020	Webinar on Molecular Detection of Diabetes Mellitus from Exhaled Breath Analysis	Dr. Chiranjit Ghosh , Post-doctorate Research Fellow, Division of Infectious Disease, Harvard Medical School/BWH, Harvard University
5.	3rd July, 2020	Webinar on Biophysics of protein folding aggregation in Neurodegenerative diseases	Dr. Sumanta Ghosh , Postdoctoral Research Fellow, University of Texas, USA
6.	18th July, 2020	Webinar on Capacity Building & Career Guidance	Prof. Anil Sahasrabudhe , Chairman, All India Council for Technical Education, New Delhi
7.	22nd July, 2020	Webinar on Career prospects for students in higher education in the basic sciences - a contemporary perspective	Prof. Sarit K. Das , Director, Indian Institute of Technology, (IIT) Ropar
8.	22nd July, 2020	Webinar on Algorithm Design: An Overview of Recent Advancement	Prof. Diptarka Chakraborty , Assistant Professor, National University of Singapore

Sl. No.	Date	Webinar & Workshop	Speakers
9.	23rd July, 2020	International webinar on Capacity Building & Career Guidance	Dr. Anujit Chakraborty , Assistant Professor of Economics, University of California, Davis
10.	24th July, 2020	Webinar on Capacity Building & Career Guidance	Prof. Santanu Choudhury , Director, Indian Institute of Technology (IIT), Jodhpur
11.	23rd August, 2020	International webinar on Swami Vivekananda : The man and His message in a national perspective.	Revered Swami Devapriyanandaji Maharaj , The Spiritual Director, Ramakrishna Vedanta Center, Lusaka, Zambia
12.	29th August, 2020	One Day International Webinar on Mathematics and Mathematical Sciences Topic: Are We Prepared To Accept The Reality?	Prof. Ravi P. Agarwal , Texas A & M University-Kingsville
13.	26th September 2020	Induction Program For the Newly admitted UG students of Microbiology of the college	Prof. Pratip Kumar Kundu , Director Calcutta School of Tropical Medicine, Kolkata
14.	28th September, 2020	Induction Program For the Newly admitted UG students of Chemistry of the college	Dr. Ashok Kumar Mishra , Professor and Dean Academic Research, Department Of Chemistry, IIT Madras.

Sl. No.	Date	Webinar & Workshop	Speakers
15.	29th September 2020	Induction Programme For the Newly admitted UG students of Zoology of the college	Prof. Arun Bandyopadhyay , Director, Indian Institute of Chemical Biology (IICB)
16.	30th September 2020	Induction Programme For the Newly admitted UG students of Mathematics of the college	Prof. Asok Kumar Nanda , Indian Institute of Science Education and Research- (IISER) Kolkata
17.	1st October, 2020	Induction Programme For the Newly admitted UG students of Physics of the college	Prof. Rajesh Gopakumar , International Centre for Theoretical Sciences (ICTS-TIFR), Bengaluru
18.	2nd October, 2020	Induction Programme For the Newly admitted UG students of Computer Science of the college	<ul style="list-style-type: none"> • Prof. Amlan Chakrabarti, Professor and Director, A.K.Choudhury School of Information Technology, University of Calcutta • Prof. Krishnendu Mukhopadhyay, Prof. In-charge, Advanced Computing and Microelectronics Unit, Indian Statistical Institute
19.	14th October, 2020	Induction Programme For the Newly admitted UG students of Botany of the college	Dr. Subhra Chakraborty , Director, National Institute of Plant Genome research, New Delhi

Sl. No.	Date	Webinar & Workshop	Speakers
20.	8th November 2020	Motivation Programme For the Newly admitted all B.Sc. students of the college in 2020	<ul style="list-style-type: none"> ▪ Dr. Paromita Roy, Deputy Director, Jagadis Bose National Science Talent Search (JBNSTS) ▪ Dr. Smarajit Manna, Student Advisor, Jagadis Bose National Science Talent Search, (JBNSTS)
21.	13th November 2020	Induction Programme For the Newly admitted M.Sc. Mathematics students of the college 2020	Prof Rajeeva Laxman Karandikar, Director, Chennai Mathematical Institute, Siruseri, Kelambakkam
22.	18th November 2020	Induction Programme For the Newly admitted M. Sc. Chemistry students of the college 2020	Prof. Amitava Patra, FRSC, FNASc, FASc Director, Institute of Nano Science and Technology, Government of India Habitat Centre
23.	21st November 2020	Induction Program For the Newly admitted M.Sc. Zoology students of the college 2020	Dr. Subeer Majumdar. FNA, FNASc, FASc, Director, National Institute of Animal Biotechnology, Hyderabad
24.	23rd November 2020	Induction program For the Newly admitted M.Sc. Botany students of the college 2020	Professor S.K. Barik, Director, CSIR-National Botanical Research Institute, Rana Pratap Marg

Sl. No.	Date	Webinar & Workshop	Speakers
25.	28th November 2020	Motivational Programme For the students of Department of Microbiology of the college	Prof. Ramkrishna Sen, Professor & Head, Department of Biotechnology, Indian Institute of Technology (IIT), Kharagpur.
26.	5th December 2020	Webinar on 'Understanding the social language of bacteria: Speak or not to speak?'	Dr. Subhadeep Chatterjee, Scientist, Centre for DNA Fingerprinting & Diagnostics, Hyderabad-500039, (Bhatnagar Awardee-2020)
27.	5th December 2020	Webinar on Covid-19: History, Awareness and Therapeutic	Dr. Malabendu Jana, Assistant Professor, Rush University Medical Center Neurological Science, Chicago, USA Prof. Projit Kumar Palit, Professor, Department of History, Jadunath Sarkar School of Social Sciences, Assam University, Silchar
28.	8th December 2020	Webinar on 'Awesome geographical sweep of a mutant coronavirus, with some hesitations.'	Prof. Partha P Majumder, Former Director, NIBMG, Kalyani and President, Indian Academy of Sciences.
29.	11th December 2020	Webinar on Bacterial warfare mediated by Type VI Secretion system	Dr. Biswanath Jana, Department of Clinical Microbiology and Immunology, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel.

Sl. No.	Date	Webinar & Workshop	Speakers
30.	11 th February, 2021	Webinar on ‘ Basic field approaches for pollination ’	Dr. Udipta Chakraborti Former Research Scholar University of Kalyani, Kalyani, Nadia
31.	15 th February, 2021	Workshop on Mapping & GIS System	Ritam Dutta Senior Research Fellow Zoological survey of India
32.	18 th February, 2021	Workshop on Practical Demonstration on the dissection of Corbicula & Stinger of Honey Bees & Mouthparts of Mosquito	Sankarsan Roy Ph. D. Research Scholar, Dept. of Zoology, Vidyasagar University
33.	20 th February, 2021	Webinar on ‘ Scientific Beekeeping for Managed Pollination and Production of Quality Honey and other Hive Products ’	Dr. Dipak Nayak Sr. Scientist & In-Charge ICAR-Central Institute for Subtropical Horticulture, Regional Research Station, Malda,
34.	31 st March, 2021	Webinar on Tackling the Flu: From H1N1 to SARS-CoV-2	Dr. Arindam Mondal, Assistant Professor , IIT Kharagpur
35.	8 th May, 2021	Webinar on ‘ Amino Acids and Trisubstituted Methanes (TRSMs) as Versatile Synthon: Rays of Hope for Autophagic Cell Death and Tuberculosis respectively?	Dr. Gautam Panda Scientist F Senior Principal Scientist & Professor CSIR-CDRI (Central Drug Resistant Research Institute), Lucknow

Sl. No.	Date	Webinar & Workshop	Speakers
36.	9th May, 2021	Interdepartmental Workshop on 'How to write a review: through computational approach'	Dr. Ajoy Mallick , Assistant Professor, Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara
37.	12th May, 2021	Webinar on Chiral checkpoints during protein biosynthesis	Dr. Rajan Sankaranarayanan FNASc, FNA Chief Scientist, Structural Biology Laboratory CSIR-Centre for Cellular and Molecular Biology (CCMB),
38.	5 th June, 2021	World Environment Day Webinar on Broken Chain of Events: connecting predation risk to prey population abundance	Dr. Maria Thacker , Associate Professor,,Macrophysiology Lab, Centre for Ecological Sciences, IISc Bangalore,
39.	6 th June, 2021	Workshop on Biostatistics & Bioinformatics	Dr. Sekhar Pal , Assistant Professor, Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara



Procedure of Admission

- Admission is open to **MALE** students only. Applications for admission are to be made to the Principal of the college in prescribed form immediately after the publication of the results of the qualifying examination of the Board or Council or University.
- The application process is fully online mode. The procedure of selection of the eligible candidates will be notified in the college website. The cut off marks for applying in any subject will also be mentioned with the number of intake capacity of the students in each department.
- In the matter of admission, the decision of the Principal will be final. The names of the candidates selected for interview will be duly notified. Other details about admission will be duly notified and guardians should go through them carefully before seeking admission of their wards in this college. It will not be possible to entertain any admission related correspondence through postal/ courier services.
- No change in combination of subjects is allowed after admission. Seats are reserved for students belonging to Scheduled Caste, Scheduled Tribes, OBC-A & OBC-B as per usual norms.
- The students of the college who discontinue or fail in the Examinations cannot claim re-admission. Students who will be unsuccessful in the Examinations or deficient in attendance may not be allowed to continue in the college. It is highly undesirable that a student should prosecute his studies in a particular class for the second time. The decision, in the matter of readmission, however, will be taken by the Principal of the college and his decision will be final.



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)

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. 1500/-
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.
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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.	$18000 \times 39 = 7020000$ $30000 \times 38 = 1140000$	128	4037280/-
Inspire- Scholarship.	$60,000 \times 35 = 2100000$		
Post Matric.	$4000 \times 1 = 4000$ $4320 \times 4 = 17280$		
Sitaram Jindal Foundation.	$6000 \times 5 = 30000$ $1500 \times 4 = 6000$		
LIC	$20000 \times 1 = 20000$		
Staff Benefit fund N. F. Railway Division	$10000 \times 2 = 20000$		
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 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

Br. Parachaitanya, 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. Chandrakanta Bandyopadhyay, M.Sc., Ph.D. (Head of the Department)

Prof. Tapas Ghosh, M.Sc., Ph.D.

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. 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 Tarapad Parya, Specimen Collector

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 Mookerjee 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

Br. Parachaitanya, Co-ordinator (Honorary Monastic Member)

Prof. Anirban Bhar, Joint Co-ordinator

Prof. Avik Kumar Chaudhury, Asistant Co-ordinator

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 Vedavidyananda, 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.

Sri Sourav Biswas (Guest Faculty)

Sri Joydeep Kumar Dam (Guest Faculty)



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

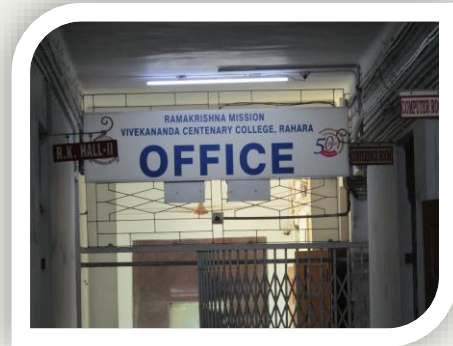
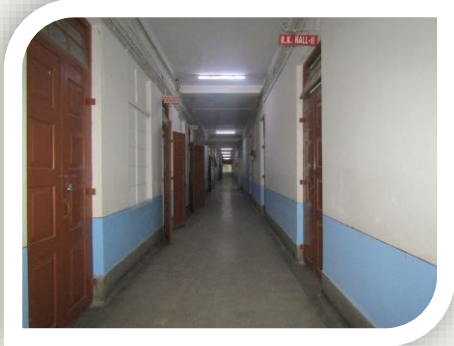
Sri Shoven Mitra, Office Staff

Sri Srikanta Bagdi, Office Staff

Sri M. Yadav, Office Staff

Sri Rajendra Yadav, Office Staff

Sri Debasish Sarder, Office Staff





Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success.

.....**Swami Vivekananda**