



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 2022



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.)**
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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.
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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.

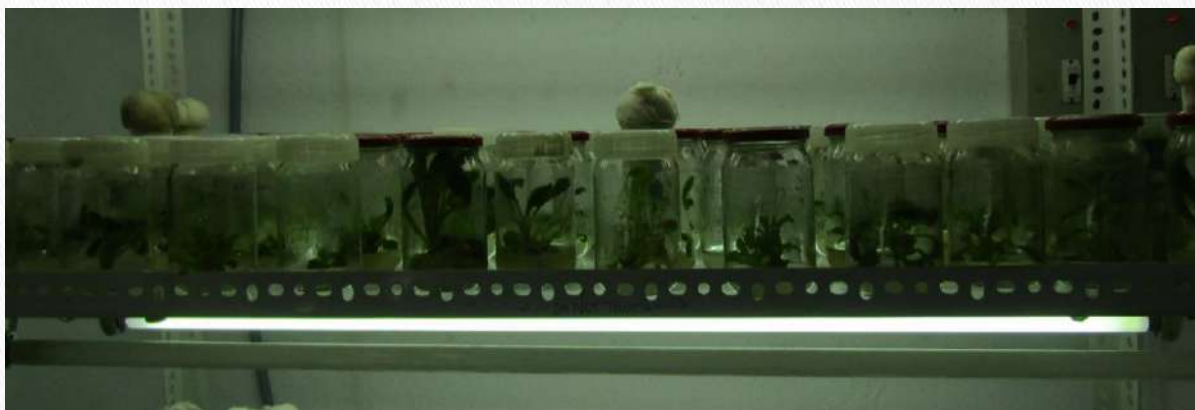
Sl. No.	Course Name
1.	Floriculture and Landscaping
2.	Sports Medicine and Talent Identification
3.	Environmental Protection / Management
4.	Field Study and Environment Education
5.	Yoga for Physical and Mental Health
6.	Communicative English & Language Practice
7.	Robotics & IOT
8.	Physicoinformatics



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.

Webinars, Seminars and Workshops

Sl no.	Date	Webinar & Workshop	Speakers
1.	24 th June, 2021	Celebration of 7th International Yoga Day Webinar on Yoga and Youth of India	<ul style="list-style-type: none"> ✓ Prof B.R. Ramakrishna, Vice Chancellor, Swami Vivekananda Yoga Anusandhana Samsthana ✓ Prof. Y. Narahari, Dean of Division EECS, IISC, Bangalore ✓ Dr. Sreekrishnan Venkiteswaran, CTO, GTS cloud unit, IBM
2.	13 th & 14 th July, 2021	National Webinar on The Philosophy of Education and Swami Vivekananda Sponsored by Indian Council of Social Science Research, New Delhi	<ul style="list-style-type: none"> ✓ Swami Divyasudhananda, Principal, Ramakrishna Mission Vidyapith, Deoghar, Jharkhand ✓ Swami Ekachittananda, Principal, Ramakrishna Mission Vidyamandira, Belur Math ✓ Swami Narasimhananda, Secretary, Ramakrishna Mission Sevashrama, Kozhikode, Kerala ✓ Prof. Bishnupada Nanda, Professor, Department of Education, Jadavpur University. ✓ Dr Saradindu Mukherjee, Member, ICHR, New Delhi ✓ Prof. Kumar Ratnam, D.Litt., Member Secretary, ICHR, New Delhi
3.	16 th July, 2021	Webinar on "Water, water everywhere Understanding how water plays important role in life and science"	Prof. Biman Bagchi , Distinguished Professor, Indian Institute of Science (IISC), Bangalore

Sl no.	Date	Webinar & Workshop	Speakers
4.	15 th September, 2021	Induction Programme For the newly admitted UG student of Chemistry Topic: The status of Chemistry Research in India: From P. C. Ray to the present"	Professor Vadapalli Chandrasekhar, Centre Director, Tata Institute of Fundamental Research (TIFR) Hyderabad
5.	16 th September, 2021	Induction Programme For the newly admitted UG student of Computer Science Topic: "An open interaction on the perspective of Computing Technology".	Professor P. Nagabhushan Director, Indian Institute of Information Technology, Allahabad
6.	17 th September, 2021	Induction Programme For the newly admitted UG student of Botany Topic: 'Abiotic Stresses in Agriculture: Impacts and Management'	Dr. H. Pathak Director, ICAR-National Institute of Abiotic Stress Management (NIASM) Baramati, Pune,
7.	18 th September, 2021	Induction Programme For the newly admitted UG student of Microbiology Topic: " Opportunities in Microbiology and Life Sciences".	Professor V. M. Katoch Former Director General, Indian Council of Medical Research (ICMR)
8.	19 th September, 2021	Induction Programme For the newly admitted UG student of Zoology Topic: 'Modern Science and Nation Building'	Dr D.M. Salunke Director, International Centre for Genetic Engineering & Biotechnology

Sl. No.	Date	Webinar & Workshop	Speakers
9.	20 th September, 2021	Webinar on “Gut Microbiome, Brain and Behaviour” Organized by Department of Microbiology, RKMVCC Rahara	Dr. Amit Ghosh, J.C.Bose Distinguished Professor, National Institute of Cholera and Enteric Diseases (NICED) Formerly Director, Institute of Microbial Technology, Chandigarh & School of Biological Sciences Indian Institute of Advanced Research, Gandhi Nagar, Gujarat
10.	22 nd September, 2021	Induction Programme For the newly admitted UG student of Physics Topic: A journey towards our nearest star the Sun	Prof. Dipankar Banerjee, Director, Aryabhata Research Institute of Observational Sciences (ARIES)
11.	24 th September, 2021	Webinar on “Science For All: To Do Cutting-Edge Research at Trifling Cost” Organized by Department of Zoology, RKMVCC Rahara	Prof. Raghavendra Gadagkar, DST Chair Professor, Centre for Ecological Sciences, Indian Institute of Science (IISc) Bangalore
12.	4 th October, 2021	Induction Programme for the newly admitted PG students of Chemistry Topic: Crystal Engineering of Solid-state Pharmaceuticals: From Synthons to Salt-Cocrystal Drugs	Prof. Ashwini Nangia, Professor of Chemistry, University of Hyderabad, Hyderabad, Former Director, CSIR National Chemical Laboratory, Pune

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13.	5 th October, 2021	Induction Programme for the newly admitted PG students of Zoology Topic: Genotype to Phenotype through Omics: An Overview.	Prof. Ranganath, Hassan Annegowda Visiting Professor at Indian Institute of Science, Bangalore; Distinguished Professor for Life, University of Mysore; Formerly Director, National Assessment and Accreditation Council (NAAC); Former Vice Chancellor, Bangalore University
14.	6 th October, 2021	Webinar on IPR: Issues and Challenges in Higher Education Topic: A Peep into IPR on Academic Research: Role of Information Professionals	Dr. Saptarshi Ghosh , University of North Bengal
15.	7 th October, 2021	Induction Programme for the newly admitted PG students of Botany Topic: Why and how to be a Plant Scientist?	Prof. Ravinder K Kohli , Vice-Chancellor, Amity University Punjab Former Vice-Chancellor, Central university, Punjab JC Bose National Fellow
16.	8 th October, 2021	Induction Programme for the newly admitted PG students of Mathematics Topic: The games that mathematicians play!	Prof. Gadadhar Misra Professor, Department of Mathematics (IISc.), Former Chairman Department of Mathematics, IISc, Bangalore Vice President, Indian National Science Academy

Sl. No.	Date	Webinar & Workshop	Speakers
17.	8th October, 2021	Opportunities and Scopes in Forest Services In India Orientations and Career Counseling for UG students of our college	Dr. Narayan Chandra Saha , Former Dy. Director, DVC, Forest
18.	9 th October, 2021	Webinar on Plagiarism in scholarly publication: What, Why and How?	Dr. Sibsankar Jana , Assistant Prof., University of Kalyani
19.	26 th October, 2021	DBT STAR COLLEGE Programme organized by the Department of Zoology The story of how life could have originated on Earth	Dr. Sudha Rajamani , Indian Institute of Science Education and Research (IISER), Pune
20.	8 th November 2021 to 15 th November 2021	National level Intercollegiate Online Faculty Development Program on Outcome Based Education & Bloom's Taxonomy Organized by Internal Quality Assurance Cell (IQAC)	in association with IPSR solutions limited, Kottayam.
21.	21 st November 2021	DBT Star College Program Workshop On Sampling, Isolation, Preservation & Identification Of Soil Microarthropods	Dr. Guru Pada Mandal Scientist E Zoological Survey of India

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22.	23 rd December, 2021	<p>Workshop Organised by the Department of Zoology</p> <p>In Collaboration with Purba Midnapore Forest Division Monitoring And Survey Of Plantation Created By Purba Midnapore Forest Division Through Mgnrega During 2021-2022 As Directed By Honorable Chief Minister To Protect Sea Coast From Natural Calamities</p>	<p>Dr. Anupam Khan W.B.F.S., Divisional Forest Officer, Purba Medinipur Forest Division</p> <p>Mr. Balaram Panja W.B.F.S., Assistant Divisional Forest Officer, Purba Medinipur Forest Division</p>
23.	28 th December, 2021	<p>Sri Ramakrishna Endowment Lecture Instituted by Prof. Projit Kumar Palit, Professor, Department of History, Assam university, Silchar</p> <p>Topic: Swami Vivekananda's Practical Vedanta</p>	<p>Revered Swami Suparnanandaji Maharaj, Secretary, The Ramakrishna Mission Institute of Culture, Golpark</p>
24.	30 th December, 2021	<p>Webinar on "Food Technology for a Better Tomorrow"</p> <p>Organised by Dept. of Microbiology, RKMVCC, Rahara</p>	<p>Prof. Hari Niwas Mishra, Dept. of Agricultural and Food Engineering, IIT Kharagpur</p>

Sl. No.	Date	Webinar & Workshop	Speakers
25.	27 th & 28 th December, 2021	<p>National Level Seminar On “Planetary Crisis and Human Liberation”</p> <p>Sponsored by Indian Council of Philosophical Research</p>	<p>✓ Prof. Sankar Kumar Ghosh, Former Vice Chancellor, Kalyani University, Professor, Department of Biotechnology, Assam University, Silchar</p> <p>✓ Prof. Projit Kumar Palit, Professor, Department of History, Assam university, Silchar</p> <p>✓ Prof. Anil Kumar Sarkar, Professor of History, University of Kalyani, West Bengal</p> <p>✓ Prof Subhabrata Dutta, Professor , Department of Social Work, Assam University, Silchar</p> <p>✓ Prof. Sirajul Islam, Professor and Former Head Dept. of Philosophy and Religion, Visva- Bharati University, Santiniketan</p> <p>✓ Professor KantiLal Das, Department of Philosophy, North Bengal University, West- Bengal</p> <p>✓ Professor Bhupendra Chandra Das, Head, Department of Philosophy, Vidyasagar University</p>

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	27 th & 28 th December, 2021	<p>National Level Seminar On “Planetary Crisis and Human Liberation”</p> <p>Sponsored by Indian Council of Philosophical Research</p>	<p>✓ Prof. Amal Kumar Harh, Professor, Department of Philosophy, Cooch Behar Panchanan Barma University, Cooch Behar.</p> <p>✓ Dr. Akhil Sarkar, Assistant Professor, Nabadwip Vidyasagar College, Nadia, West Bengal</p> <p>✓ Dr. Santanu Dey, Associate Professor, Department of History, Ramakrishna Mission Vidyamandira, Belur Math.</p> <p>✓ Prof Rajkumar Modak, Department of Philosophy, Sidho-Kanho-Birsha University, Purulia, West Bengal</p> <p>✓ Dr. Kuheli Biswas, Assistant Professor, Department of Philosophy University of Kalyani,</p> <p>✓ Dr. Lily Biswas, Department of Philosophy, University of Kalyani</p> <p>✓ Prof. Saswati Mutsuddy, Former Head, Department of Pali, University of Calcutta</p> <p>✓ Dr.Mrinalkanti Chattoopadhyay, Principal,Kandra Radhakanta Kundu Mahavidyalaya, West Bengal</p>

Sl. No.	Date	Webinar & Workshop	Speakers
	27 th & 28 th December, 2021	<p>National Level Seminar On “Planetary Crisis and Human Liberation”</p> <p>Sponsored by Indian Council of Philosophical Research</p>	<p>✓ Dr. Buddhadev Bhattacharya, Assistant Professor, Dept. of Philosophy, Nava Nalanda Mahavihara, (Deemed University), Ministry of Culture, Govt. of India, Nalanda, Bihar.</p> <p>✓ Prof. Samar Kumar Mondal, Professor, Department of Philosophy, Jadavpur University</p> <p>✓ Dr Prasanta Sarkar, Assistant Professor Department: Philosophy, University of Burdwan</p> <p>✓ Swami Vedanuragananda, Controller of Examinations, RKMVCC</p>
26.	12 th February, 2022	<p>One Day Seminar under DBT STAR College Scheme on “The Art of Science Communication”</p> <p>Organised by Dept. of Zoology, RKMVCC, Rahara</p>	Dr. Manas Pratim Das , Programme Executive, All India Radio, Kolkata
27.	12 th March, 2022	<p>One day DBT STAR career Orientation Program in collaboration with Current affairsreview</p> <p>Organised by Dept. of Mathematics, RKMVCC, Rahara</p>	Sri Amit Kumar Bose , Eminent person in Civil Service Coaching

Sl. No.	Date	Webinar & Workshop	Speakers
28.	12 th March 2021	One Day DBT STAR seminar on - Life style modification & health promotion program for students: prevention, counseling & wellbeing. Organised by Dept. of Botany, RKMVCC, Rahara	Dr. Biswajit Das , Chief Medical officer, Coal India Limited, Govt. of India.
29.	15 th March & 16 th March, 2022	National Level Workshop on – “Herbarium Methodology and plant Nomenclature.” Organized by Dept. of Botany, RKMVCC, Rahara In collaboration with Central national Herbarium (CNH), ENVIS resource partner on Biodiversity (Flor), Botanical Survey of India (MoEF & CC)	Dr. K. Karthigeyan , Scientist-E, CNH, BSI
30.	21 st March, 2022	One day seminar on – ABC of Genome Editing. Organised by Dept. of Botany, RKMVCC, Rahara	Dr. Kutubuddin Ali Molla , Scientist, Crop Improvement Division, ICAR National Rice Research institution, Cuttack.
31.	22 nd March, 2022	One day international Seminar on- Regulatory mechanism of eukaryotic gene expression and genome integrity with implication in disease pathogenesis and therapeutic development Organised by Dept. of Chemistry, RKMVCC, Rahara	Prof. Suresh Ranjan Bhoumik , Prof., Dept. of Biochemistry and Molecular Biology, Southern Illinois University School of Medicine.

Sl. No.	Date	Webinar & Workshop	Speakers
32.	27 th March, 2022	One day international Seminar on- NMR in Life and Science. Organised by Dept. of Chemistry, RKMVCC, Rahara	Prof. Tapas Mal , Prof., Dept. of Chemistry , NMR Director, The Pennsylvania State University
33.	26.03.2022	Famers' meet on the Farming Techniques of Medicinal Plants	Coordinator Dr. Biswajit Ghosh 110 farmers participated
34.	23 rd to 28 th May, 2022	Workshop cum hands-on-training on Plant Biotechnology	Coordinator Dr. B.iswajit Ghosh 30 students from different institutes participated.
35.	23 rd April, 2022	Understanding the syllabus of IAS Examination & Analysis of previous years question papers DBT STAR College Scheme, Dept. of Mathematics	Amit Kumar Bose , and eminent faculty member in the civil services coaching

Freshers' Welcome & Inauguration of Swami Vijnanananda Gallery on Indian Knowledge Systems on 17th March, 2022

In presence of

- Revered Swami Balabhadranandaji Maharaj, Assistant General Secretary, Ramakrishna Math & Ramakrishna Mission, Belur Math
- Prof. Virendra Kumar Tewari, Director, IIT Kharagpur
- Prof. Joy Sen, Chairperson, Centre of Excellence for Indian Knowledge System, IIT Kharagpur
- Prof. Suman Chakraborty, Dean SRIC, IIT Kharagpur



Freshers' Welcome 2022





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. $100 \times 12 = 1200$)

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



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 or 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.



Library:

**Ramakrishna Mission**
Vivekananda Centenary College, Rahara

**JOURNAL OF ADVANCED SCIENTIFIC
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QUICK LINKS

- Editorial Board Members
- Instructions for Authors
- JASER Editorial Office
- Archives

YEAR 2020, VOL. 1 (CURRENT ISSUE)

TABLE OF CONTENTS



Journal of
Advanced Scientific
Education and Research

Ramakrishna Mission Vivekananda Centenary College, Rahara

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Type keywords to search

Search

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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.	$18000 \times 45 = 8,10,000/-$ $30000 \times 28 = 8,40,000/-$	190	5183080/-
Inspire- Scholarship.	$60,000 \times 49 = 29,40,000/-$		
Sitaram Jindal Foundation	$1500 \times 1 = 1,500/-$ $6600 \times 6 = 39,600/-$ $3000 \times 4 = 12,000/-$ $21600 \times 2 = 43200/-$		
National Scholarship	$10000 \times 37 = 3,70,000/-$		
Sri Ashesh kumar Choudhury Memorial Scholarship	$10,500 \times 1 = 10,500/-$		
National Scholarship	$10000 \times 37 = 3,70,000/-$		
Sri Ashesh kumar Choudhury Memorial Scholarship	$10,500 \times 1 = 10,500/-$		
L I C	$8000 \times 1 = 8,000/-$		
Tution Fee Waiver Stipend from R.K.M.V.C.C.	$1320 \times 4 = 5,280/-$		
P.M.S Scholarship	$30,000 \times 1 = 30,000/-$		
Bhutoria Memorial Trust Scholarship.	$7000 \times 10 = 70,000/-$		
Alumni Scholarship	$3000 \times 1 = 3,000/-$		
Total			5183080 /-



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. 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.

Prof. Tanmoy Pal, 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. 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, COE & Co-ordinator

Swami Vedavidyananda, Honorary Monastic Faculty

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.

Dr. Sourav Saha (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





“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 ॥