



RAMAKRISHNA MISSION
VIVEKANANDA CENTENARY COLLEGE
(An Autonomous College under West Bengal State University)
P.O. RAHARA, KOLKATA-700118
WEST BENGAL, INDIA

College with Potential for Excellence (CPE)
Accredited by NAAC with Grade A

Ph: 033-2568-2049
Email: rkmvccollege@rkmvccrahara.org
Website: rkmvccrahara.org

Date : 01-10-2021

NOTICE

An online meeting of the Internal Quality Assurance Cell (IQAC) of R.K.M.V.C. College, Rahara, will be held on ~~Wednesday~~, the 6th October, 2021 at 4.30 PM.

Members are requested kindly to attend.

Sw. Kamalasthananda

(Swami Kamalasthananda)
Principal & Chairperson of IQAC

Agenda:

1. To confirm the proceedings of the last meeting
2. To consider the report regarding the activities of the college since last meeting held.
3. To consider the matter in respect of Refresher, Orientation courses and Faculty Development Program attended by our faculty members.
4. Any other matter with the permission of the Chair.

Principal
Ramakrishna Mission
Vivekananda Centenary College
Rahara, Kolkata-700 118

R.K.M.V.C. COLLEGE, RAHARA, KOLKATA - 700 118.

Proceedings of the meeting of the IQAC held through webinar of the college on Wednesday, the 6th October, 2021 at 4.30 PM.

MEMBERS PRESENT

Swami Kamalasthananda, Principal, in Chair
Swami Vedanuragananda- Management representative
Br. Parachaitanya - Management representative
Dr. P.K. Medda - (Co-ordinator)
Dr. Palash Nath -Teacher
Dr. Saugata Sarkar - Teacher
Dr. Anirban Kundu - Teacher
Dr. Ajoy Mallik - Teacher
Dr. Saradindu Panda, Principal, Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex
Dr. Subhrangshu Sanyal, CEO of IIM Calcutta Innovation Park – Industrialists
Prof. Alok Kumar Banerjee, Former VC, University of Kalyani.- Management
Prof. Projit Kumar Palit, Professor, Dept. of History, Assam University, Silchar – Senior Administrative officer
Dr. Sekhar Pal- Teacher
Dr. Chayan Halder – Teacher
Dr. Sudip Biswas- Teacher
Dr. Kshitish Chandra Mistri - Teacher
Sri Diptarup Das - Community Representative
Dr. Sujay Pal - Alumni
Dr. Tuhin CHatterjee- Alumni
Sri Tarun Halder - Student

Swami Kamalasthananda, Principal, took the chair.

1. Proceedings of the last meeting held on 04.04.2021 read and confirmed.
2. Activities of the college from 5th April, 2021 to 5th October, 2021 :

Sem II/IV/VI Mid-Semester Examinations:

UG/PG Mid-Semester Examinations were held on 21st June, 2021 to 26th June, 2021.

Sem II/IV/VI End-Semester Examinations:

UG/PG End Semester Theory Examinations for Sem VI/IV were held on 24th July, 2021 to 30th July, 2021 and practical examinations were completed within 7th August, 2021. Results for the UG/PG Final semester were published on 17th August, 2021.

B.Sc. Final Semester Result Summary:

Subject	Appeared	QS	GPW	GPWX	X
Physics	36	36	-	-	-
Chemistry	62	62	-	-	-
Mathematics	56	56	-	-	-
Botany	38	38	-	-	-
Zoology	47	47	-	-	-
Microbiology	23	23	-	-	-
Computer Science	18	18	-	-	-
TOTAL	280	280	-	-	-

Sw. Kamalasthananda
Principal
Ramakrishna Mission
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M.Sc. Final Semester Result Summary:

Subject	Appeared	QS	GPW	GPWX	X
Chemistry	33	33	-	-	-
Botany	26	26	-	-	-
Mathematics	19	19	-	-	-
TOTAL	78	78	-	-	-

UG/PG End Semester Theory Examinations for Sem II/IV were held on 7th August, 2021 to 14th August, 2021 and practical examinations were completed within 21st August, 2021. Results were published on 24th September, 2021.

NIRF Ranking:

The National Institutional Ranking Framework (NIRF) of MHRD ranked our College **15th in India** and **3rd in West Bengal** on 9th September, 2021.

Ist Year B.Sc Admissions 2021:

- Online Application forms for B.Sc Admissions were available from **2nd August-13th August, 2021**
- This year Online Admission tests were held for UG admissions on **16th, 17th & 18th August, 2021.**
- All total **372** students took admission in the college.
- B.Sc Ist Year classes in the Autonomous CBCS mode commenced from **13th September, 2021.**

M.Sc Applications , 2021:

- Online Applications for P.G. Admissions were available from **2.09.2021 to 13.09.2021**. Admissions were being held from 16.09.2021. A total of **130** students got admitted.
- Ist year PG class started from **30th September, 2021.**

List of Webinars organized:

Date	Webinar	Speaker
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
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

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
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
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
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,
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)
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
20 th September, 2021	Webinar on " Gut Microbiome, Brain and Behaviour "	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

22 nd September, 2021	Induction Programme For the newly admitted UG student of Physics Topic: A journey towards our nearest star the Sun	Prof. (Dr.) Dipankar Banerjee, Director, Aryabhata Research Institute of Observational Sciences (ARIES)
24 th September, 2021	Webinar on "Science For All: To Do Cutting-Edge Research at Trifling Cost"	Prof. Raghavendra Gadagkar, DST Chair Professor, Centre for Ecological Sciences, Indian Institute of Science (IISC) Bangalore
25 th September, 2021	Induction Programme For the newly admitted UG student of Mathematics Topic: 'Higher studies in mathematics: Prospects and challenges'	Prof. Kalyan Chakraborty Director, KSCSTE KERALA SCHOOL OF MATHEMATICS Kozhikode, Kerala, India
4 th October, 2021	Induction Programme For the newly admitted PG student of Chemistry Topic: 'Crystal Engineering of Solid state Pharmaceuticals: From Synthons to Salt Cocrystal Drugs'	Professor Ashwini Nangia Senior Professor of Chemistry, University of Hyderabad, Hyderabad Former Director, CSIR National Chemical Laboratory, Pune
5 th October, 2021	Induction Programme For the newly admitted PG student of Chemistry Topic: 'Genotype to Phenotype through Omics: An Overview'	Professor Hassan Annegowda Ranganath Visiting Professor, Indian Institute of Science (IISC), Bangalore; Former Director, National Assessment and Accreditation Council (NAAC); Former Vice Chancellor, Bangalore University

Students' achievements:

- Sourabh Kundu from Department of Microbiology has successfully completed one-month summer internship on the subject "**Single molecule level detection of cisplatin drug treated DNA**" under the guidance of Dr. Rupa Mukhopadhyay, senior scientist, Department of Life science, Indian Association for the Cultivation of Science (IACS), Kolkata
- Somnath Roy, Joydip Majumder, and Sohamdeep Chakraborty from Department of Microbiology has successfully completed one-month summer internship training on the subject "**Principles of Computer aided Drug Design**" at NIELT (National Institute of Electronics and Information Technology) Guwahati during 29th June to 30th July, 2021.
- Anubhab Das, from Department of Microbiology qualify the Young Academy of India's MentX 2021 programme and doing the internship on "**Laser molecular spectroscopy and imaging methods for fast label-free detection of viruses**" under the guidance of Dr. Mrinal Majumder, Department of Biophysics Manipal School of Life science.
- Koushik Bhattacharya, and Rakesh Ghosh from Department of Microbiology has successfully completed one-month summer internship training on the subject "**Adaptive Evolution in Microbial Genome**" Under the guidance of Prof. Sujoy Chattopadhyay, head, Center of Health Science and Technology at JIS Institute of Advance Studies and Research, Kolkata

- Arghya Acharya, UG Fifth Semester student and Arya Mukherjee, UG Third Semester student from the Department of Zoology got selected Young Academy of India's MentX programme for doing the internship under Dileep Vasudevan, PhD, Scientist, DBT - Institute of Life Sciences, Bhubaneswar.
- A paper entitled 'Proving inequalities via definite integration: a visual approach' by Nazrul Haque, a Sem VI student of the Dept. of Mathematics has been accepted for publication by The Mathematical Gazette of the Cambridge University Press.
- Sawan Bhattacharya, a Fourth Semester, Computer Science Hons student received the Certificate of Quantum Excellence in 2021 Qiskit Global Summer School on Quantum Machine Learning in the field of Quantum Computing, Quantum Machine Learning which continued from July, 2021 to August, 2021 where he received the highest grade 100/100. He completed the two-week intensive course provided by IBM Quantum, completing all graded lab work assignments with a final cumulative score above 75%, demonstrating applied understanding and using Qiskit.
- Sawan Bhattacharya received the Certificate of achievement for successful completion of two months summer internship at QRDLAB Pvt Ltd during 20/5/2021 to 18/07/2021.
- 18 students of the Second Semester student of the Department of Zoology Devjyoti Mondal, Swapnamoy Chakraborty, Anamitra Sen, Debnath Bid, Kaushik Mitra, Sandip Acharya, Debjyoti Goswami, Akash Roy, Subhamoy Mondal, Tathagata Chowdhury, Pratyush Kumar Datta, Arya Mukherjee, Debabrata Das, Subhagata Ghosh, Akash Chatterjee, Debayan Chakraborty, Rajat Subhra Bhattacharya participated in the Online International Summer Program 2021 Osaka University, Graduate School of Science.
- Arghya Acharya, Sem IV student and Anamitra Sen, Sem II student from the Dept. of Zoology received a Certificate of Appreciation from WWF-India, West Bengal State Office for exceptional performance in a virtual interactive session for the observation of World Environment Day in a virtual programme on 'Sharing thoughts for Ecological Restoration' on 6th June, 2021 on the topics 'Ecological restoration for Wildlife and Biodiversity' and 'Ecological restoration for climate & environment' respectively.
- Koushik Bhattacharya participated a workshop on "Computational Structural Based Screening and Molecular based Dynamics" conducted by Rajiv Gandhi Centre for Biotechnology (RGCBI)
- Anamitra Sen, Third Semester student of the Department of Zoology submitted a proposal on the topic 'Non-conventional way of Hydrogen Economy - Hydrogen fuel & car in greener & cost-efficient way' for Nasser Bin Hamad International Youth Creativity Award which has got selected for the judging round.
- Sukriti Maity, a Fifth Semester student in the Department of Zoology has been selected internationally amongst the top 50 candidates to participate in Scientific Illustration Workshop organized by the Centre for Cognitive and Brain Sciences, IIT Gandhinagar.
- Sukriti Maity, a Fifth Semester student in the Department of Zoology has participated in the hands-on training program on NGS & Other large scale biological data analysis conducted by Shodhaka Life Sciences Pvt. Ltd., from 5th

June 2021 to 19th June 2021 The training mainly focused on the use of biological databases and tools for mass scale data analysis.

- Sukriti Maity, a Fifth Semester student in the Department of Zoology successfully completed the online quiz with 95% score conducted by Junglemahal Zoological Park, Jhargram held on 1st July 2021 by the Directorate of Forests, Govt. of West Bengal Jhargram Division.
- Many students qualified for the entrance examinations in different M.Sc. and Integrated Ph.D courses in reputed institutions like TIFR, IITs, IISERs, HRI, Kerala School of Mathematics, RKMVERI etc.
- Students of the Department of Computer Science got job placements in various reputed companies like WIPRO, TCS etc.

Workshops organized:

- Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara organized 14 days' Intradepartmental workshop on "**Biostatistics & Bioinformatics**" by Dr. Sekhar Pal, Asst. Professor, Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara.
- An interdepartmental Workshop on '**How to Write a Review : through Computational Approach**' was organised by Department of Zoology, DBT STAR College with Dr. Ajoy Mallik, Asst. Professor, Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara as the resource person, for the students of the Department of Botany, Zoology and Microbiology from 9/05/2021 to 20/05/2021 where 159 students enrolled and for the students of the Departments of Physics, Chemistry, Mathematics and Computer Science on the topic '**Review Paper Writing : Processes & Prospects In Future Research**' from 20/09/2021 to 05/10/2021 where 198 students got enrolled.

Celebration of 128th Anniversary of Swami Vivekananda's Chicago Address:

An Intra-College Online Essay Competition on the topic 'Significance of Swami Vivekananda's Chicago Address in the Reawakening of India' and Online Extempore Competition on the topic 'Swami Vivekananda's Chicago Address: An Inspiration for me' were organized on 11th September, 2021. Swami Urjitananda, Controller of Examinations, Ramakrishna Mission Shikshana Mandira was the special guest for the Online Extempore Competition.

Recognition received by the college:

Agency	Area	Date
UNICEF	Centre of Eminence in MANAGEMENT INFORMATION SYSTEM of the Institution	03.09.2021
UNICEF	Centre of Excellence in Capability Enhancement and Development Schemes	03.09.2021
UNICEF	Playing active role in setting up INCUBATION CENTRES and START-UPS	03.09.2021
UNICEF	RKMVCC-Rahara-NSS for commendable efforts in various service activities conducted in rural villages	03.09.2021

UNICEF	RKMVCC-Rahara-Alumni for commendable efforts in relief work during the COVID-19 pandemic	03.09.2021
UNICEF	Swami Vivekananda Centre for Multidisciplinary Research in Basic Science and Social Science , as a "Centre of Excellence in Research and Education for Social Transformation"	01.08.2021
Stanford University School of Medicine	Swami Vivekananda Centre for Multidisciplinary Research in Basic Science and Social Science , as a "Centre of Excellence in Research and Education for Social Transformation"	01.08.2021
UNICEF	Centre of Eminence in Online teaching and learning	30.7.2021
UNICEF	Centre of Excellence in Environmental Management and Green Management	30.7.2021
UNICEF	Centre of Excellence in Energy Management and Conservation	30.7.2021
UNICEF	Centre of Eminence in Green Building Audit	20.08.2021

3. List of Professors in Refresher Course/Faculty Development Programme/Career advancement

IQAC Coordinator informed that the following eligible teachers have applied for career advancement from Stage-1 to Stage-2

Sl. No.	i) Name ii) Designation	Date of appointment	Eligible Post with Grade Pay and date of Career Adv.	Subject
1)	i) Dr. Avik Kumar Choudhury, ii) Assistant Professor (Stage-1) AGP-Rs.6000/-	02.12.2014	Assistant Professor (Stage-2) AGP-Rs.7000/- w.e.f. 02.12.2018	Botany
2)	i) Dr. Anirban Kundu, ii) Assistant Professor (Stage-1) AGP-Rs.6000/-	01.12.2014	Assistant Professor (Stage-2) AGP-Rs.7000/- w.e.f. 01.12.2018	Botany
1)	i) Dr. Biswajit Roy, ii) Assistant Professor (Stage-1) AGP-Rs.6000/-	01.12.2014	Assistant Professor (Stage-2) AGP-Rs.7000/- w.e.f. 01.12.2018	Botany
1)	i) Dr. Harisankar Dey, ii) Assistant Professor (Stage-1) AGP-Rs.6000/-	01.12.2014	Assistant Professor (Stage-2) AGP-Rs.7000/-	Botany

			w.e.f. 01.12.2018	
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Resolved that IQAC Coordinator and Principal be authorized to proceed appropriate authorities for formation of screening committee and other necessary formalities for the Career Advancement of the above mentioned teachers.

4. In the meeting, distinguished external members shared their valuable opinions.

- **Dr. Saradindu Panda** has given some suggestions. He suggested to strengthen the publications or R&D data of our faculty members. He suggested to increase the participation of our students in various internship or projects or field study. Regarding the publication of patent, he suggested for taking the help of Patent Attorney, who will assist the faculty in filing patent applications and in obtaining patents. He proposed for giving the names of such experts in the field. He said that IPR generation has become easier under Atal Ranking of Institutions on Innovation Achievements (ARIIA) and Kalam Program for Intellectual Property Literacy and Awareness Campaign (KAPILA).
- **Dr. Subhrangshu Sanyal** mentioned the name of Dr. Mahuya Hom Choudhury, Scientist C, Patent Information Centre, West Bengal State Council of Science & Technology, who can guide the faculties to file Patents, Copyright and other means of IP protection.
- **Prof. Projit Kumar Palit** suggested to promote the rank in NIRF in the coming years. He also suggested to identify the areas in different parameters of framework for further strengthening.
- **Prof. Alok Kumar Banerjee** appreciated the above suggestions given by the members. He spoke on organizing Orientation Programme and Refresher course under UGC by the college. Principal Maharaj, in reply, informed that UGC did not allow such Academic Staff College program under purview of college.

The meeting ended with a vote of thanks to the Chair.

Pradyot Kumar Medda
(Dr. P. K. Medda)
IQAC Coordinator

Coordinator, IQAC
Ramakrishna Mission
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Sw. Kamalasthananda
(Swami Kamalasthananda)
Chairman

Principal
Ramakrishna Mission
Vivekananda Centenary College
Rahara, Kolkata-700 118



ONLINE IQAC MEETING HELD On 06.10.21 At 4.30 PM

MEMBERS PRESENT

NAME	SIGNATURE
1. Swami Kamalasthananda	Present
2. Swami Vedanuragananda	Present
3. Br. Parachaitanya	Present
4. Dr. P. K. Medda	Present
5. Dr. Palash Nath	Present
6. Dr. Saugata Sarkar	Present
7. Dr. Anirban Kundu	Present
8. Dr. Ajoy Mallik	Present
9. Dr. Subhrangshu Sanyal	Present
10. Dr. Saradindu Panda	Present
11. Prof. Alok Kumar Banerjee	Present
12. Prof. Projit Kumar Palit	Present
13. Dr. Sekhar Pal	Present
14. Dr. Chayan Halder	Present
15. Dr. Sudipta Biswas	Present
16. Dr. Kshitish Chandra Mistri	Present
17. Sri Diptarup Das	Present
18. Sri Tarun Halder	Present
19. Dr. Tuhin. Chatterjee	Present
20. Dr. Sujay Pal	Present