



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 : 28-01-2021

NOTICE

An online meeting of the Internal Quality Assurance Cell (IQAC) of R.K.M.V.C. College, Rahara, will be held at the Conference Room of the college on Saturday, the 30th January, 2021 at 4.00 PM.

Members are requested kindly to attend.

Sw. Kamalasthananda

(Swami Kamalasthananda)
Principal & Chairperson of IQAC

Agenda:

1. To consider the report of the AQAR 2019-2020, which is ready for final submission.
2. Any other matter with the permission of the Chair.

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

Proceedings of the meeting of the IQAC held through webinar of the college on Saturday, the 30th January, 2021 at 4.00 PM.

MEMBERS PRESENT (ON LINE)

Swami Kamalasthananda, Principal, in Chair
Swami Vedavidyananda- Management representative
Br. Parachaitanya - Management representative
Dr. P.K. Medda - (Co-ordinator)
Dr. A. Pal -Teacher
Dr. C.K. Bandyopadhyay - Teacher
Dr. B.B. Chattopadhyay - Teacher
Dr. B.Ghosh - Teacher
Dr. K.R. Sur- Teacher
Dr. C.K. Das - Teacher
Swami Vedavidyananda- Teacher
Dr. P.K. Rana - Teacher
Sri Diptarup Das - Community Representative
Sri Tarun Halder - Student
Dr. T. CHatterjee- Alumni
Dr. Sujay Pal - Alumni

Swami Kamalasthananda, Principal, took the chair.

Dr. P. K. Medda read out the report of the AQAR 2019-20, which is ready for final submission. Since the report is voluminous, he presented some highlights or significant contributions prepared by IQAC. This report is based upon the annual activities of the IQAC cell. It also highlights the progress and achievements of the students, teaching and research activities of the faculty members, introduction of new courses, seminar and workshop arranged by the institution, value-based courses run by the college, patent and award received by the faculty members, infrastructural development of the college, and other academic and co-curricular activities of the college.

Resolved that report of the AQAR 2019-20 be adopted and placed on record. Further resolved that the report of the AQAR 2019-20 be uploaded to the NAAC website as per NAAC guidelines.

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

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

Coordinator, IQAC
Ramakrishna Mission
Vivekananda Centenary College
Rahara, Kolkata-700118

Sw. Kamalasthananda
(Swami Kamalasthananda)
Chairman

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



RAMAKRISHNA MISSION
VIVEKANANDA CENTENARY COLLEGE
RAHARA, KOLKATA- 700 118




Some salient points of the AQAR (2019-2020) prepared by the IQAC:

Significant contributions made by IQAC during the current year (maximum five bullets):

1. Application for NIRF ranking and securing All India Rank 11 at the level of College Category.
2. Organization of National and International Seminars and Workshops related to development of teaching-learning, research and innovation, value and ethics. and Orientation of other Colleges for NIRF in various workshops.
3. Promoting participation of students in various skilled-oriented Hands on training workshops and participation of students in summer internship programmes like Science Academies SRPF, VSRP of TIFR, MTTS of NBHM etc. in various prestigious national institutes and universities like CDRI, Lucknow, TIFR, IISER, IITs, BHU etc.
4. Introduction of New Courses:
 - a) Two new certificate courses: a) Psychoinformatics and b) IOT/Robotics
 - b) New DBT, Govt. of India sponsored PG Diploma course: Skill Development Programme in Agriculture Biotechnology "Quality Assurance Testing of Tissue Culture Raised Plants"
5. The College has been recognised as DBT Star college by the Department of Biotechnology (DBT) under the Scheme on DBT STAR college. In this scheme the five departments of the college has got fund for the up- gradation of laboratory infrastructure.

Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

| Plan of Action | Achievements/Outcomes |
|---|--|
| 1. Application for NIRF Ranking | 1. The college secured 11 th rank in college level. |
| 2. Organization of seminars and workshops | 2. 47 seminars : International Seminar 7 (two days' duration) , National Seminar 27 and Institutional Seminar 8, state level seminar 5 |
| 3. Participation of students in | |

| | |
|--|---|
| <p>academic and co-curricular activities</p>  | <p>Padmanava Dasgupta and Soham Basu, student of Vth Semester Zoology (Honours) won the First prize in GENETIQUIZ 2019 competition organized by Calcutta Consortium on Human Genetics (CCHuGe)</p> |
| | <p>Debanjit Mandal, of Mathematics Hons. who stood Fourth in International Youth Mathe Challenge got selected to participate in a workshop to be held in December 2019 in Egypt.</p> |
| | <p>Ritam Chakraborty (student of third semester Mathematics) has successfully completed mini-MTTS Programme of NBHM in Madurai</p> |
| | <p>Debapratim Paramanik, Raju Mondal and Anomitra Neogy (1st Semester) stood Second in Model competition of District Students-Youth Science Fair 2019, organised by Department of Youth Service and Sports, Government of West Bengal</p> |
| | <p>Niladri Sekhar Patra and Debadri Bera received Gold Honour for being placed among top 5% in International Youth Math Challenge, Germany</p> |
| | <p>Five students of our College Padmanava Dasgupta, Soham Basu, Aakash Chhetri of Zoology (Hons.) and Rishav Kar, Anubhab Das of Microbiology (Hons.) and qualified for the National Level in the Wetlab Championship and Shaastra (IIT Madras Event) on Natural Medicine and its scope in Biomedical Sector.</p> |
| | <p>NPTEL Course Toppers</p> |
| | <p>Soumen Halder -Computer science</p> |
| | <p>Sukantha Dey-chemistry</p> |
| | <p>Arijit Paul- Mathematics</p> |
| 4. Students Achievements | <p>Pushkar Pramanik - physics</p> |
| | <p>Suprateem Mukherjee and Diptesh Biswas , two students of PG Diploma in Agriculture Biotechnology received the Second Prize in Science Model Competition in West Bengal State Student Youth Science Fair, 2019 held during 17-19th November, 2019</p> |
| | <p>1. Padmanava Dasgupta from the Department of Zoology secured All India Rank 5 in JAM exam 2020.</p> |



Students who completed their graduation from the college this year got selected for various prestigious institutions for M.Sc/Integrated Ph.D. like **IISc Bangalore, TIFR, IISER, HRI, IIT, IACS, NIBMG, JNCASR, Hyderabad Central University, Madurai Kamraj University, Pune University etc.**

Anubhav Das, 4th Sem Microbiology (H) qualified prestigious Indian Academy of Sciences Summer Fellowship programme, 2020 and got the chance for doing his project under the guidance of Prof. Rupak Dutta, IISER Kolkata.

Rishav Kar & Anubhav Das 4th Sem Microbiology (H) secured 1st position in Innovative Poster competition organised by Maulana Azad college, was also encouraged by the members.

Dhaibat Chakraborty, 4th sem Microbiology (H) has presented a paper titled “Ameliorative effect of Mixed Bacterial Culture of Soil from Coastal Areas and Hot Spring Concrete” in International Conference organised by University Institute of Technology.

Sukriti Maity, IIIrd Semester Zoology (H) was inducted as **Associate, Young Science Academy of India (YAI)** in Nov.’20 by Dr. Felix Bast, President, YAI for successful completion of the internship

Sukriti Maity, IIIrd Semester Zoology (H) became the Trust Level 2 Member, Collaboratively Understanding Biology Education(CUBE), Tata Institute of Fundamental Research (TIFR) in Nov.’20


4. Students Achievements

Sukriti Maity, IIIrd Semester Zoology (H) undertook the following projects:

Anti Bacterial Resistance Mediated by Class B Metallo-Beta-Lactamase L1 Under the supervision of Prof. Saugata Hazra, Department of Biotechnology, IIT Roorkee [Aug.’20-Present]

Meta-analysis and Disease Association Studies of the PTPN22 Gene in Humans Under the supervision of Dr.Venkata Ramireddy Narala, Assistant Professor, Department of Zoology, Yogi Vemana University [Oct. ’20- Present]

VISL Internship, Real-time Drug Release Monitoring from Drug Delivery Systems: Under the supervision of Dr. Deepak Kumar, Assistant Professor, School of Pharmaceutical Sciences, Shoolini University [Jul 2020- Sep 2020]

| | |
|---|--|
|  | Rishav Kar published paper in International Journal of Engineering Applied Sciences and Technology , Vol. 5, Issue 3 |
| | Nobendu Mukherjee published paper in International Journal of Scientific Research in Engineering and Management , Vol. 4, Issue 8, International Journal of Science and Research (IJSR) , International Journal of Research |
| | Rishav Kar, Kaushik Bhattacharya, Dept of Microbiology published paper in International Research Journal of Modernization in Engineering Technology and Sciences , Vol. 2, Issue 7 |
| | Arghya Acharyya, Dept. of Zoology published paper in Cancer Research Journal |
| | Rejoy Chakraborty, Arpan Bairagi and Prof. Samir Kumar Bandyopadhyay published paper in International Journal of Scientific Development and Research - IJSDR [ISSN: 2455-2631] |
| | Arpan Bairagi, Rejoy Chakraborty, Shree Mitra and DR. Soumya Paul published paper in International Journal of Information Science and Computing [Print ISSN: 2348-7437 & Online ISSN: 2454-9533] |
| | Soumen Halder and Anubrata Das published paper in International Journal of Information Science and Computing [Print ISSN: 2348-7437 & Online ISSN: 2454-9533] |
| | Soumen Halder and Prof. Samir Kumar Bandyopadhyay published paper in International Journal for Research in Applied Science & Engineering Technology - IJRASET [ISSN: 2321-9653] |
| | Soumen Halder, Arkadip Maitra and DR. Soumya Paul contributed book chapter in publisher : Information, Communications and Computation Technology (ICCT): The Pillar for Transformation by New Delhi Publisher [ISBN: 978-93-88879-95-8] |
| | <u>Coursera for Campus:</u> |
| | The College registered for Coursera for Campus online course programme in which 378 students completed 1140 Coursera courses. |
| 5. Achievement of the Institution | Appreciation Certificate to the college: |
| | Nexa (Process Safety Engineers), Surat- 395009 in the field of Safety and Health at Work |



| |
|--|
| Central Vigilance Commission (Govt. of India) in the field of Highest standards of integrity and good governance |
| Ministry of Tourism Govt. of India) in the field of Ek Bharat Shreshtha Bharat Quize |
| World Health organization in the field of Standard precautions: Waste Management |
| UNICEF in the field of Early Childhood Programming in the field |
| Information Technology Development Board (Govt. of India) in the field of Centre for Excellence in e-Learning (up to 31st January, 2022) |
| Ministry of Women and Child Development, Govt. of India in the field of E- Learning ICMR-NIM Modules on Nutrition Education Programme on Basic Nutrition |
| Ministry of Women and Child Development, Govt. of India in the field of E- Learning ICMR-NIM Modules on Nutrition Education Programme on Infant and Young Child Feeding |
| Ministry of Women and Child Development, Govt. of India in the field of E- Learning ICMR-NIM Modules on Nutrition Education Programme on Anaemia |
| Ministry of Women and Child Development, Govt. of India E- Learning ICMR-NIM Modules on Nutrition Education Programme on Food Fortification |
| Ministry of Women and Child Development, Govt. of India E- Learning ICMR-NIM Modules on Nutrition Education Programme on Immunisation |
| Ministry of Women and Child Development, Govt. of India in the field of E- Learning ICMR-NIM Modules on Nutrition Education Programme on WASH |
| Ministry of Women and Child Development, Govt. of India in the field of E- Learning ICMR-NIM Modules on Nutrition Education Programme on Physical Activity (YOGA) |
| Ministry of Women and Child Development, Govt. of India in the field of E- Learning ICMR-NIM Modules on Nutrition Education Programme on Mother Health and Nutrition |
| Harvard Medical School (Accredited by ACCME) in the field of Impact on Oral Health and Education Training |
| Harvard Medical School (Accredited by ACCME) in the field of Hematologic Complication of COVID-19 |
| Harvard Medical School (Accredited by ACCME) in the field of The Community Tracing Collaboration: Working Toward Conid-19 control in Massachusetts Through a Test- Trace- Isolate- Support Approach |



Harvard Medical School (Accredited by ACCME) in the field of **COVID-19 and Nursing Homes**

Stanford University School of Medicine (Accredited by ACCME) in the field of **Personal Protective Equipment (PPE) for both Anesthesiologists and other Airway Managers: Principles and Practice During the COVID-19 Pandemic**

Stanford University School of Medicine (Accredited by ACCME) in the field of **Gender & power in COVID-19 why diversity in critical to solving global Health Emergencies**

United States Institute of Peace in the field of **Online Self- paced Course**

Stanford University School of Medicine (Accredited by ACCME) in the field of **Basic Biology of COVID-19 virus (SARS-CoV-2): How sensitive is the virus to UV? How long does it survive on Cardboard or Plastic?**

Harvard Medical School (Accredited by ACCME) in the field of **The Community Tracing Collaboration: Working Toward Conid-19 control in Massachusetts Through a Test- Trace- Isolate- Support Approach** (31 students of the college completed the course)

Nexa (Process Safety Engineers), Surat- 395009 in the field of **Fire and Safety Management**

Global Institute of Healthcare Management in the field of **COVID-19, Awareness & Prevention (online course)**

UNICEF in the field of **Child Right and Why They Matter** (online course)

New programmes/courses introduced during the Academic year

| Programme/Course | Date of introduction |
|----------------------|----------------------|
| M.Sc. Zoology | 1.7.2020 |

Value-added courses imparting transferable and life skills offered during the year

| Value added courses | Date of introduction | Number of students enrolled |
|--|----------------------|-----------------------------|
| Value Education and Indian Culture Course as a Skill Enhancement Course | 01/07/2019 | 272 |

Field Projects / Internships under taken during the year

| Project/Programme Title | No. of students enrolled for Field Projects / Internships |
|--|---|
| The College registered for Coursera for Campus online course programme | 378 |
| Science Academies Summer Research | 1 |

ONLINE IQAC MEETING HELD On 30.01.21 At 4.00 PM**MEMBERS PRESENT**

| NAME | SIGNATURE |
|----------------------------|------------------|
| 1. Swami Kamalasthananda | Present |
| 2. Swami Vedanuragananda | Present |
| 3. Swami Vedavidyananda | Present |
| 4. Br. Parachaitanya | Present |
| 5. Dr. P. K. Medda | Present |
| 6. Dr. A. Pal | Present |
| 7. Dr. C.K. Bandyopadhyay | Present |
| 8. Dr. B. B. Chattopadhyay | Present |
| 9. Dr. B. Ghosh | Present |
| 10. Dr. K. R. Sur | Present |
| 11. Dr. C. K. Das | Present |
| 12. Dr. P. K. Rana | Present |
| 13. Sri Diptarup Das | Present |
| 14. Dr. Sujay Pal | Present |
| 15. Sri Tarun Halder | Present |
| 16. Dr. Tuhin. Chatterjee | Present |