

RKMVCC News letter

Issue : 4

January – December 2020



Our inspiration



Do not lower your goals to the level of your abilities. Instead, raise your abilities to the height of your goals.

Swami Vivekananda



All religions are true. God can be reached by different religions. Many rivers flow by many ways but they fall into the sea. They all are one.

Sri Ramakrishna Dev



There is no treasure equal to contentment and no virtue equal to fortitude.

Sri Maa Sarada Devi

Principal's Desk



Swami Kamalasthananda
Principal, Ramakrishna Mission
Vivekananda Centenary College, Rahara,
Kolkata

The Ramakrishna Mission Vivekananda Centenary College, Rahara tries to provide education that not only accelerates the external developments of human but also improves the trend of internal development. In continuation with this attempt we are glad to bring out the fourth issue of the RKMVCC News Letter containing the highlights of the various efforts put forth by the College and the support and admiration from various corners of the society which has been enriching it. In this issue we use different corners of our college building for the page background.

College Dynamics

- ❖ Academics
- ❖ National Youth Day Celebration
- ❖ Wall Magazine Competition
- ❖ Annual Sports Meet
- ❖ Saraswati Puja Ceremony
- ❖ Annual Prize Distribution Ceremony
- ❖ College Achievement
- ❖ Students' Achievement
- ❖ Seminar & Workshops
- ❖ NSS Activity





Academics

- ❖ New PG Department
- ❖ Online courses
- ❖ Microvision

New PG Department

One new PG programme M.Sc. in Zoology was introduced from this academic session 2020 – 2021.



Online Courses

Coursera for Campus:

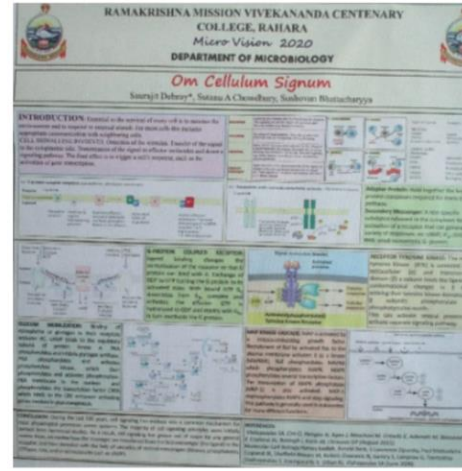
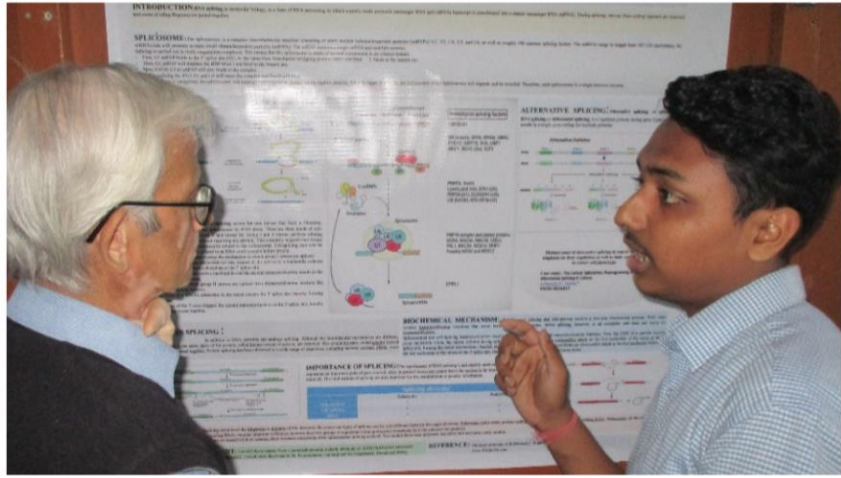
The College had registered for Coursera for Campus online course programme 378 students completed 1140 Coursera courses.





Microvision

A Poster Competition of Department of Microbiology



On 25th January, 2020 an intra-departmental Poster Competition and Presentation entitled Microvision was organized by the Department of Microbiology, where the whole department are participated. Prof. Abhay Shankar Chakraborti, Department of Biophysics and Molecular Biology, University of Calcutta grace the occasion as judge.

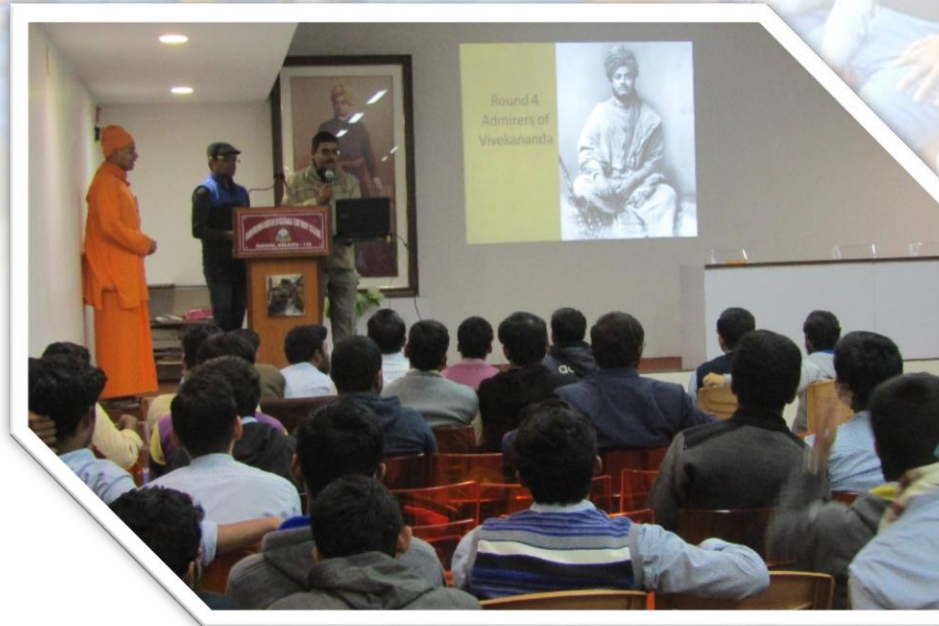
National Youth Day Celebration

A full-length statue of Swami Vivekananda stands in the center of a courtyard. He is depicted in a standing pose with his arms crossed, wearing a traditional orange robe and a turban. A long, white garland is draped over his shoulders. The statue is set on a small, dark, rectangular base. The background features a light-colored wall with a decorative horizontal band and two large windows with metal grilles. The entire image has a warm, orange-toned overlay.



An Intra-College Art Competition on the topic ‘Swami Vivekananda - An Inspiration’ was organized in the College on 11th January, 2020. The Paintings were displayed in an Art Exhibition.

A quiz competition and essay writing competition was also organized based on Life and Message of Swami Vivekananda for the celebration of National Youth Day 2020



Wall Magazine Competition 2020



SCIENCE TODAY GREEN CHEMISTRY PARAMANU

An Intra College Wall Magazine
Competition cum exhibition was
organized on 11th January, 2020.
This year the Department of
Microbiology (named as
'Anuvikshan') won the Best Wall
Magazine award 2020.

ANUVIKSHAN

Editorial's Column:

Indiscriminate use of antibiotics is the leading cause of antibiotic resistance of pathogenic bacteria. Several drugs are being rendered ineffective due to antibiotic resistance. To overcome this problem, researchers have their research into phytochemical effects of medicinal plants. WHO estimates that 90% of people around the world using herbal medicines are able to protect themselves from bacterial infections. In ancient times, Indian civilization is well accustomed to use natural antibiotics. For example, antiseptical activities of plants are recorded in "CHARAK SAMHITA" and other Indian scriptures. Zingiber is the biggest herb in the drug and it consists of many varieties. "Navaratri" is one of them. "Navaratri" consists of nine plants, they are Ravara (Ravara), Kachari (Kachari), Haridra (Haridra), Jangam, Bilwa (Bilwa), Dalim (Phenyl), Ashoka, Mandarika and Eran. Several other different types of Zingiber. These plants have numerous antimicrobial activity against many harmful microorganisms. There is a clear and modern microbiological data showing the natural antibiotic activity, which were already manifested in India from 1940s Era.

Department of Microbiology

ধান্য



Oryza sativa

The antimicrobial activity of rice plant was associated against bacterial infection. It was found that rice plant has antibacterial activity against Gram positive and Gram negative bacteria. It was found that rice plant has antibacterial activity against Gram positive and Gram negative bacteria. It was found that rice plant has antibacterial activity against Gram positive and Gram negative bacteria.



মুস্তা

Murraya paniculata

The antimicrobial effect of murraya extract of leaf against various pathogens. It was found that murraya extract has antibacterial activity against Gram positive and Gram negative bacteria. It was found that murraya extract has antibacterial activity against Gram positive and Gram negative bacteria.



কচী

Eclipta alba

The antimicrobial activity of the leaf and root of Eclipta alba. It was found that Eclipta alba extract has antibacterial activity against Gram positive and Gram negative bacteria. It was found that Eclipta alba extract has antibacterial activity against Gram positive and Gram negative bacteria.



জয়ন্তী

Sesbania sesban

Opuntia extract of Sesbania sesban leaf extract has antibacterial activity against Gram positive and Gram negative bacteria. It was found that Sesbania sesban extract has antibacterial activity against Gram positive and Gram negative bacteria.



মেনেক

Echinacea purpurea

The antimicrobial activity of Echinacea purpurea extract. It was found that Echinacea purpurea extract has antibacterial activity against Gram positive and Gram negative bacteria. It was found that Echinacea purpurea extract has antibacterial activity against Gram positive and Gram negative bacteria.



হরিদ্রা

Eucalyptus globulus

The antimicrobial activity of Eucalyptus globulus extract. It was found that Eucalyptus globulus extract has antibacterial activity against Gram positive and Gram negative bacteria. It was found that Eucalyptus globulus extract has antibacterial activity against Gram positive and Gram negative bacteria.



বিশ্ব

Asplenium nidus

The antimicrobial activity of Asplenium nidus extract. It was found that Asplenium nidus extract has antibacterial activity against Gram positive and Gram negative bacteria. It was found that Asplenium nidus extract has antibacterial activity against Gram positive and Gram negative bacteria.

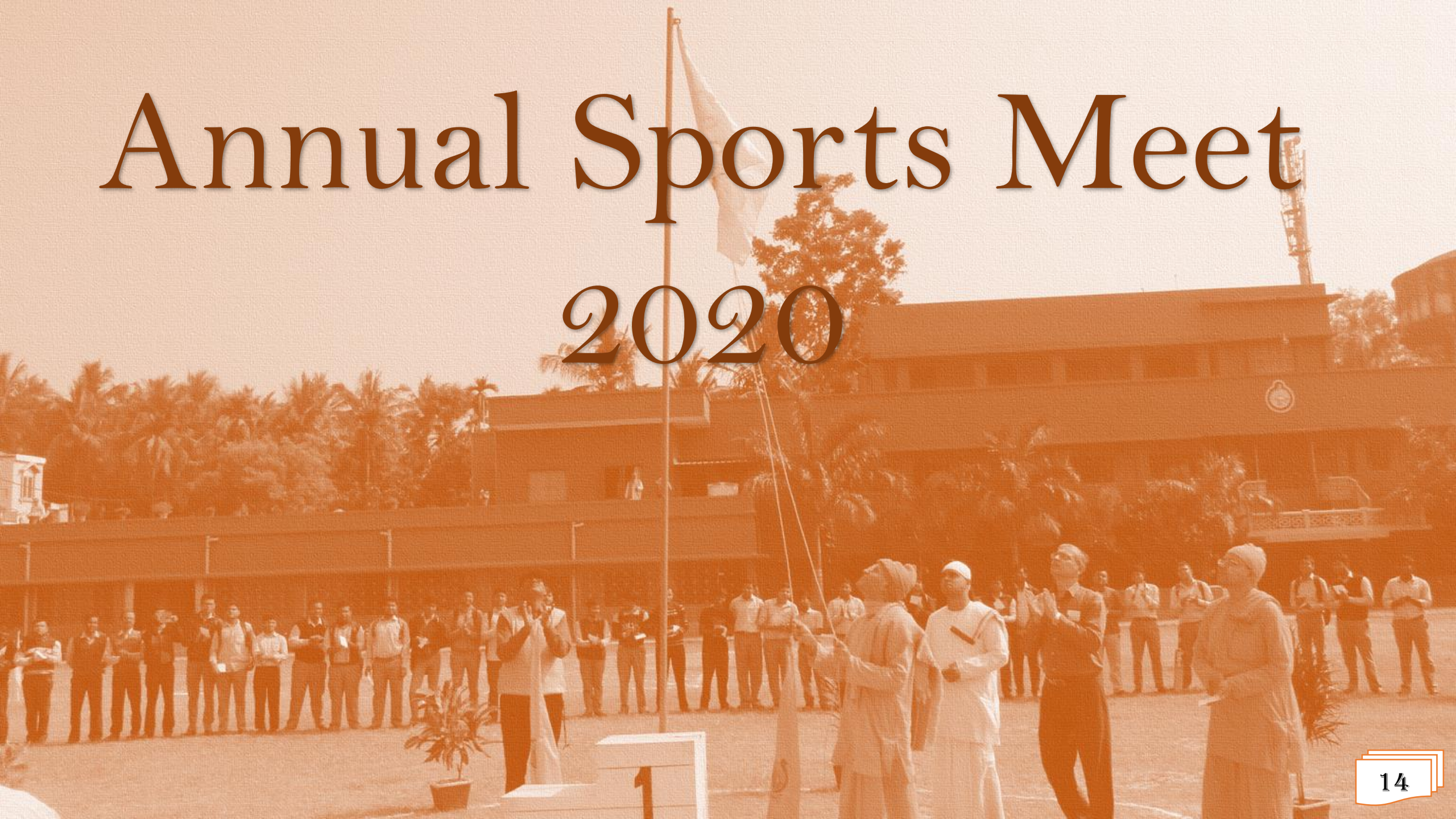


দাড়িম

Punica granatum

The antimicrobial activity of Punica granatum extract. It was found that Punica granatum extract has antibacterial activity against Gram positive and Gram negative bacteria. It was found that Punica granatum extract has antibacterial activity against Gram positive and Gram negative bacteria.

Annual Sports Meet 2020





Like every year Annual Sports Meet 2020 was held on 10th January & 14th January, 2020. A variety of events such as 100 mt. race, 200 mt. race, 800 mt. race, discus throw, high jump, long jump, shot-put, different types of relay races were fixed for active participation. Some events were also organised for the participation of staff members and teachers. The main attraction of the sports meet was the event- Go As You Like. Students presented several demonstrations on healthy socio-economic and moral life of the society. A friendly cricket match between students and staff members declared the end of the annual sports.

Saraswati Puja Ceremony 2020



29th January, 2020 on the auspicious day of shree panchami, the students and staffs of the institution assembled in the college to pay homage to the deity of knowledge, art and creativity -- Holy Mother Saraswati. with the desire of gaining academic success and prosperity,

The rituals of the worship reflect the eternal sense of devotion and traditional way of praying to the almighty for the success of an individual and an institution as a whole. The enchanting of hymns and prayers intertwined with the fragrance of the puja accessories make the whole atmosphere of the campus heavenly. Music plays an indispensable role of expression and unification of the people in all the ceremonies of the Ramakrishna mission.





Saraswati puja finds its benevolence in the music presented by the staffs and students of the college. Students are wholeheartedly participate in all the rituals of holistic puja and its preparations. The ritual of `Mangaal Aarti and Pushpanjali` leaves a serene touch of celestial pleasure in the viewer's mind. Prasad distribution process follows a systematic order such that no one returns empty handed.



A photograph of three men standing behind a table during an award ceremony. The man on the left is wearing a dark suit, glasses, and a white scarf. The man in the center is wearing a white shirt and a dark vest with a white scarf. The man on the right is wearing a white kurta and a white cap. All three are holding a certificate that features a portrait of a man. In the background, a banner reads "KRISHNA MISSION ANDA CENTRE COLLEGE".

Annual Prize Distribution Ceremony 2020

Swami Kamalasthananda



Annual Prize Distribution ceremony was organized in the College on 19th February, 2020. Mr. Zha Li You, The Consulate General of P R China in Kolkata graced the occasion as the Guest in Chief and Mr. Subhasish Chakraborty, CMD, DTDC grace the occasion as special guest.



College Achievement

RAMAKRISHNA MISSION
VIVEKANANDA CENTENARY COLLEGE

NIRF Ranking

2020:

As per the result
declared by MHRD on
11th June, 2020; our
college has secured 11th
rank in India.





Global Common Society International (GCS international) awarded the College with an award for ceaseless efforts for the promotion of world peace and contribution to the mankind on 5th February, 2020.



World Taekwondo also awarded the College as Honorary Black Belt

The college has achieved the following awards / certificate throughout the whole year of 2020:

Reason	Authority	Date
Safety and Health at Work	Nexa (Process Safety Engineers), Surat- 395009	08/05/2020
Highest standards of integrity and good governance	Central Vigilance Commission (Govt. of India)	10/05/2020
Ek Bharat Shreshtha Bharat Quize	Ministry of Tourism Govt. of India	10/05/2020
Standard precautions: Waste Management	World Health organization	13/05/2020

Reason	Authority	Date
Early Childhood Programming in the field	UNICEF	30/05/2020
Centre for Excellence in e- Learning (up to 31st January, 2022)	Information Technology Development Board (Govt. of India)	02/06/2020
E- Learning ICMR-NIM Modules on Nutrition Education Programme on Basic Nutrition	Ministry of Women and Child Development, Govt. of India	06/06/2020
E- Learning ICMR-NIM Modules on Nutrition Education Programme on Infant and Young Child Feeding	Ministry of Women and Child Development, Govt. of India	06/06/2020
E- Learning ICMR-NIM Modules on Nutrition Education Programme on Anaemia	Ministry of Women and Child Development, Govt. of India	06/06/2020

Reason	Authority	Date
E- Learning ICMR-NIM Modules on Nutrition Education Programme on Food Fortification	Ministry of Women and Child Development, Govt. of India	07/06/2020
E- Learning ICMR-NIM Modules on Nutrition Education Programme on Immunisation	Ministry of Women and Child Development, Govt. of India	07/06/2020
E- Learning ICMR-NIM Modules on Nutrition Education Programme on WASH	Ministry of Women and Child Development, Govt. of India	08/06/2020
E- Learning ICMR-NIM Modules on Nutrition Education Programme on Physical Activity (YOGA)	Ministry of Women and Child Development, Govt. of India	08/06/2020
E- Learning ICMR-NIM Modules on Nutrition Education Programme on Mother Health and Nutrition	Ministry of Women and Child Development, Govt. of India	09/06/2020

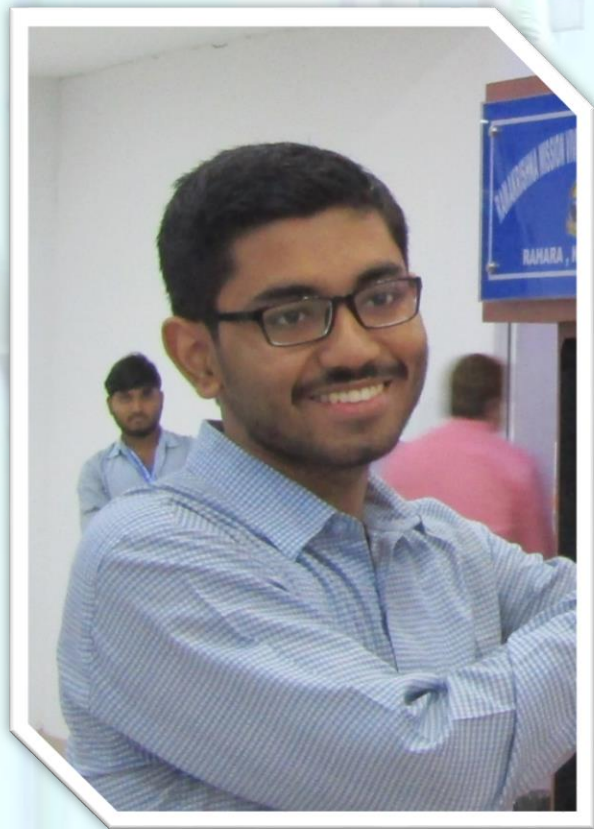
Reason	Authority	Date
Impact on Oral Health and Education Training	Harvard Medical School (Accredited by ACCME)	26/07/2020
Hematologic Complication of COVID-19	Harvard Medical School (Accredited by ACCME)	26/07/2020
The Community Tracing Collaboration: Working Toward Covid-19 control in Massachusetts Through a Test- Trace- Isolate- Support Approach	Harvard Medical School (Accredited by ACCME)	19/07/2020
COVID-19 and Nursing Homes	Harvard Medical School (Accredited by ACCME)	19/07/2020
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)	01/05/2020

Reason	Authority	Date
Gender & power in COVID-19 why diversity is critical to solving global Health Emergencies	Stanford University School of Medicine (Accredited by ACCME)	31/07/2020
Online Self- paced Course	United States Institute of Peace	08/03/2020
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?	Stanford University School of Medicine (Accredited by ACCME)	31/07/2020
The Community Tracing Collaboration: Working Toward COVID-19 control in Massachusetts Through a Test-Trace- Isolate- Support Approach <i>(31st students of Department of Microbiology of RKMVC College, Rahara, Completed Online Course)</i>	Harvard Medical School (Accredited by ACCME)	02/12/2020

Reason	Authority	Date
Fire and Safety Management	Nexa (Process Safety Engineers), Surat- 395009	08/05/2020
COVID-19, Awareness & Prevention (online course)	Global Institute of Healthcare Management	06/05/2020
Child Right and Why They Matter (online course)	UNICEF	14/06/2020
Fire and Safety Management	Nexa (Process Safety Engineers), Surat- 395009	08/05/2020



Students' Achievement



- **Padmanava Dasgupta** from the Department of Zoology secured All India Rank **5** in JAM exam 2020.
- 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.**



- Sukriti Maity, Department of Zoology was selected for the prestigious **International Scholarship from Macquarie Group International Scholarship from edX** among over 35,000 applicants from UK, US, India and Australia
- Sukriti Maity, Department of Zoology 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, Department of Zoology became the **Trust Level 2 Member, Collaboratively Understanding Biology Education (CUBE), Tata Institute of Fundamental Research (TIFR)** in Nov.'20

Rishav Kar & Anubhab
Das Department of
Microbiology secured 1st
position in Innovative
Poster competition
organized by Maulana
Azad college, Kolkata.



- Anubhab Das, Department of Microbiology 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.



- Dhaibat Chakraborty, Department of Microbiology 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.



Student Projects:

Sukriti Maity, Department of Zoology 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]

Rakesh Ghosh, Department of Microbiology completed two months summer project entitled “**Corona virus disease (COVID -19) a study on the disease and its pathogenesis**” under the supervision of Prof. Jayasri Das Sarma, Dept. of Biological Science, IISER, Kolkata.



Sourabh Kundu & Anubhab Das, Department of Microbiology completed three months summer project entitled “**Analyzing the binding pattern of CD4 transcript variants with HIV- 1 envelope glycoprotein gp120 considering the HIV disease progression**” under the supervision of Dr. Rachana Banerjee, JIS Institutes of Advanced Studies & Research, Kolkata

Ayonava Sarkar, Department of Microbiology completed one month summer internship entitled “**Microbiology & Fermentation Technology**” conducted by Biolim Centre for Science and Technology, Chennai.



Student Publication:

Author	Article	Journal
Rishav Kar & Kaushik Bhattacharya Department of Microbiology	Pathogenesis of RNA Virus and Recently Available Therapeutics in Treatment – A Review	International Research Journal of Modernization in Engineering Technology and Sciences, Vol. 2, Issue 7
Nobendu Mukherjee, Department of Microbiology	Polycystic Ovary Syndrome (PCOS) Symptoms, Causes & Treatments – A Review	International Journal of Science and Research (IJSR), ISSN: 2319-7064, Vol 9, Issue 7
Arghya Acharyya Department of Zoology	Uses Of R.O.S.(H ₂ O ₂) In Nano-robot Technology : For Aggressive Cancer Treatment Without Side Effects	Cancer Research Journal
Nobendu Mukherjee, Department of Microbiology	Molecular Inhibitor for Inhibiting Breast Cancer – A path other than surgery	International Journal of Scientific Research in Engineering and Management, Vol. 4, Issue 8

Author	Article	Journal
Rishav Kar & Dr. Sujoy Pal Department of Microbiology	Medico Ethnobotanical Effects and Other Health Benefits on Nine Divine Plants of Navapatrika	International Journal of Engineering Applied Sciences and Technology, Vol. 5, Issue 3
Nobendu Mukherjee Department of Microbiology	Neuroimaging & Other Biomarkers For Alzimer's Disease – A Brief Review	International Journal of Research Vol 9 Issue 8
Rishav Kar, Department of Microbiology	Immunotherapy will be More Promising Tool than Antimicrobial Therapy in Future: A review	International Journal of Science and Research (IJSR), ISSN: 2319-7064, Vol 9 Issue 10
Nobendu Mukherjee Department of Microbiology	A Brief Review on the Overview on Immunology of COVID-19: Current State of the Research	International Journal of Science and Research (IJSR) Vol 9 Issue 11
Nobendu Mukherjee Department of Microbiology	A Brief Glimpse on Advancement of CRISPER/Cas in Research	International Journal of Research in Engineering and Science (IJRES) vol. 8, Issue 10.

Author	Article	Journal
Rejoy Chakraborty, Arpan Bairagi and Prof. Samir Kumar Bandyopadhyay Department of Computer Science	Design and implementation of Two Layer Encryption System in Cryptography	International Journal of Scientific Development and Research - IJSDR [ISSN: 2455-2631]
Arpan Bairagi, Rejoy Chakraborty, Shree Mitra and Dr. Soumya Paul, Department of Computer Science	A Novel Approach for Searching an Element in a Sorted Array – Log Search	International Journal of Information Science and Computing [Print ISSN: 2348-7437 & Online ISSN: 2454-9533]
Soumen Halder and Anubrata Das, Department of Computer Science	IoT on E-Health: Application and Security Challenges	International Journal of Information Science and Computing [Print ISSN: 2348-7437 & Online ISSN: 2454-9533]
Soumen Halder and Prof. Samir Kumar Bandyopadhyay, Department of Computer Science	A Smart Application of IoT for Green Environment	International Journal for Research in Applied Science & Engineering Technology - IJRASET [ISSN: 2321-9653]

Publication of Book Chapters

Author	Book Chapter Title	Publisher Name
Soumen Halder, Arkadip Maitra and Dr. Soumya Paul, Department of Computer Science	Comparative study of Different Data Science Classification Algorithms	Information, Communications and Computation Technology (ICCT): The Pillar for Transformation by New Delhi Publisher [ISBN: 978-93-88879-95-8]



Nobendu Mukherjee, from the
Department of Microbiology achieved
Young Achiever Award 2020, by
Institute of Scholars (InSc), Bengaluru;
for his publication of International
Journal of Science and Research (IJSR)



Seminars & Webinars

Date: 2nd February, 2020

Seminar on 'Imaging and Measuring the Killer Platelet Thrombi and Emboli: Saving patients from myocardial infarct (MI) and Stroke with Rapid Interventions with Thrombolytic Drugs and Device'



Speaker: Prof. Mrinal K. Dewanjee.
Neurobiology, Neuro-degeneration & Repair,
National Eye Institute, National Institutes of
Health, Bethesda, MD 20892, USA



Date: 10th February, 2020

Seminar on
'Drug repositioning
/repurposing: Future
drug development
strategy against viral
infection'

Speaker: Prof. Anirban Basu,
Professor, National Brain Research
Centre (NBRC) Haryana

**Date: 28th February,
2020**

Seminar on Human Genetics



**Speaker: Prof. Partha P Majumder, Former Director, NIBMG,
Kalyani and President, Indian Academy of Sciences.**

Speaker:

**Date: 22nd and
23rd June, 2020**

**Celebration of
International Yoga Day
2020
Online Webinar**

- 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



Date: 1st July, 2020

**Webinar on “STEM Education and
Then What?”**



**Speaker: Prof. Subhasish Choudhry,
Director; IIT Bombay**

**Webinar on Yantra,
Tantra, Mantra**



**Speaker: Sri Tapan Misra, Former director, Space
Application centre, Department of Space, ISRO**

Date: 3rd July, 2020

Webinar on Molecular Detection of Diabetes
Mellitus from Exhaled Breath Analysis



Speaker: Dr. Chiranjit Ghosh, Post-doctorate
Research Fellow, Division of Infectious Disease,
Harvard Medical School/BWH, Harvard University

Webinar on Biophysics of protein folding
aggregation in Neurodegenerative diseases



Speaker: Dr. Sumanta Ghosh, Postdoctoral
Research Fellow, University of Texas, USA

Date: 18th July, 2020

Webinar on Capacity Building & Career Guidance



**Speaker: Prof. Anil Sahasrabudhe, Chairman, All India Council for
Technical Education, New Delhi**

Date: 22nd July, 2020

Webinar on Career prospects for
students in higher education in the basic
sciences - a contemporary perspective



Speaker: Prof. Sarit K. Das, Director, Indian Institute
of Technology, (IIT) Ropar

Webinar on Algorithm Design: An
Overview of Recent Advancement



Prof. Diptarka Chakraborty, Assistant Professor,
National University of Singapore

Date: 23rd July, 2020

International webinar On Capacity
Building & Career Guidance



Speaker: Dr. Anujit Chakraborty, Assistant
Professor of Economics, University of
California, Davis

Date: 24th July, 2020

Webinar on Capacity Building &
Career Guidance



Speaker: Prof. Santanu Choudhury,
Director, Indian Institute of Technology
(IIT), Jodhpur

Date: 23rd August, 2020

International webinar on Swami
Vivekananda : The man and His
message in a national perspective.



Speaker: Revered Swami Devapriyanandaji
Maharaj, The Spiritual Director, Ramakrishna
Vedanta Center, Lusaka, Zambia

Date: 29th August, 2020

One Day International Webinar on Mathematics
and Mathematical Sciences

Topic: Are We Prepared To Accept The Reality?

Speaker: Prof. Ravi P.
Agarwal, Texas A & M
University-Kingsville.



Date: 26th September, 2020

Induction Program For the Newly admitted
UG students of Microbiology of the college



Speaker: Prof. Pratip Kumar Kundu,
Director Calcutta School of Tropical
Medicine, Kolkata

Date: 28th September, 2020

Induction Program For the Newly admitted
UG students of Chemistry of the college



Speaker: Dr. Ashok Kumar Mishra,
Professor and Dean Academic Research,
Department Of Chemistry, IIT Madras.

Date: 29th September, 2020

Induction Programme For the Newly
admitted UG students of Zoology of the
college



Speaker: Prof. Arun Bandyopadhyay,
Director, Indian Institute of Chemical
Biology (IICB)

Date: 30th September, 2020

Induction Programme For the Newly
admitted UG students of Mathematics
of the college



Speaker: Prof. Asok Kumar Nanda,
Indian Institute of Science Education
and Research- (IISER) Kolkata

Date: 1st October, 2020

Induction Programme For the Newly
admitted UG students of Physics of the
college



Speaker: Prof. Rajesh Gopakumar,
International Centre for Theoretical
Sciences (ICTS-TIFR), Bengaluru

Date: 14th October, 2020

Induction Programme For the Newly
admitted UG students of Botany of the
college



Speaker: Dr. Subhra Chakraborty,
Director, National Institute of Plant
Genome research, New Delhi

Date: 2nd October, 2020

Induction Programme For the Newly admitted UG students of Computer Science of the college



Speaker: Professor Amlan Chakrabarti, Professor and Director, A.K.Choudhury School of Information Technology, University of Calcutta

Speaker: Prof. Krishnendu Mukhopadhyay, Prof. In-charge, Advanced Computing and Microelectronics Unit, Indian Statistical Institute



Date: 8th November, 2020

**Motivation Programme For the Newly admitted B.Sc.
students of the college 2020**



Speaker: Dr. Paromita Roy, Deputy
Director, Jagadis Bose National Science
Talent Search (JBNSTS)



Speaker: Dr. Smarajit Manna, Student
Advisor, Jagadis Bose National Science
Talent Search, (JBNSTS)

Date: 13th November, 2020

Induction Programme For the Newly
admitted M.Sc. Mathematics students of the
college 2020



Speaker: Prof Rajeeva Laxman Karandikar,
Director, Chennai Mathematical Institute,
Siruseri, Kelambakkam

Date: 18th November, 2020

Induction Programme For the Newly
admitted M. Sc. Chemistry students of the
college 2020



Speaker: Prof. Amitava Patra, FRSC,
FNASc, FASc Director, Institute of Nano
Science and Technology, Government of
India Habitat Centre, Phase - X,

Date: 21st November, 2020

Induction Program For the Newly admitted
M.Sc. Zoology students of the college 2020



Speaker: Dr. Subeer Majumdar. FNA,
FNASc, FASc, Director, National
Institute of Animal Biotechnology,
Hyderabad

Date: 23rd November, 2020

Induction program For the Newly admitted
M.Sc. Botany students of the college 2020



Speaker: Professor S.K. Barik,
Director, CSIR-National Botanical
Research Institute, Rana Pratap Marg

Date: 28th November, 2020

Motivational Programme For the students of
Department of Microbiology of the college



Speaker: Prof. Ramkrishna Sen, Professor &
Head, Department of Biotechnology, Indian
Institute of Technology (IIT), Kharagpur.

Date: 5th December, 2020

Webinar on 'Understanding the social
language of bacteria: Speak or not to
speak?'



Speaker: Dr. Subhadeep Chatterjee,
Scientist, Centre for DNA Fingerprinting
& Diagnostics, Hyderabad-500039,
(Bhatnagar Awardee-2020)

Date: 5th December, 2020

Topic- Covid19: Possible strategies
to prevent neurodegenerative
diseases



Speaker: Dr. Malabendu Jana, Assistant
Professor, Rush University Medical
Center Neurological Science, Chicago,
USA

Webinar on Covid-19: History, Awareness and Therapeutic

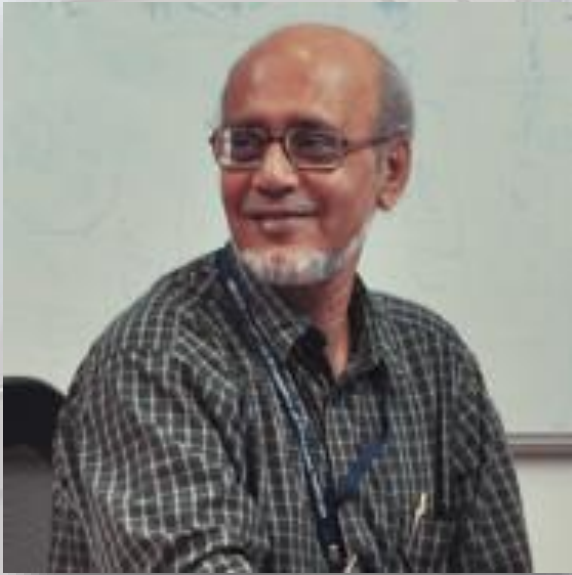


Topic- Pandemic time
and Educational
Institutions : looking to
Positivity

Speaker: Prof. Projit Kumar Palit, Professor,
Department of History, Jadunath Sarkar School of
Social Sciences, Assam University, Silchar

Date: 8th December, 2020

Webinar on 'Awesome geographical sweep of a mutant coronavirus, with some hesitations.'



Speaker: Prof. Partha P Majumder, Former Director, NIBMG, Kalyani and President, Indian Academy of Sciences.

Date: 11th December, 2020

Webinar on Bacterial warfare mediated by Type VI Secretion system



Speaker: Dr. Biswanath Jana, Department of Clinical Microbiology and Immunology, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel.

NSS Activities



On the very outset of the complete Lockdown, the research scholars, teachers and resident staff-members of the college has prepared the Hand Sanitizer as part of the relief work conducted by Ramakrishna Mission Head Quarter, for the use by vendors of the local market, Police persons, bank employee, Electric supply employee, post office employee and other persons, preferably those who are working on the forefront during pandemic situation.



During the complete lockdown for pandemic situation, the college has started the distribution of the food grains, vegetables, cereals, edible oil and soap to our nearby adopted village to mitigate the plight of villagers.



During the pandemic situation the relief camp of distribution of the food grains, vegetables, cereals, edible oil and soap started in several corners of the state like Hasnabad, Madhyamgram, Kalyani and several villages of Sunderban area.



Many ex-students of this college also started several initiatives for the poor villagers, slum dwellers in different districts of West Bengal.





As part of the NSS work, the college has organized a service activity in Barasat area, 24-parganas (north) with the help of the local people on 28th December, 2020. Blankets and mosquito nets were distributed to sixty needy people of the locality.



Passages of Light



"Let me tell you how to love all equally. Do not demand anything of those you love. If you make demands, some will give you more and some less. In that case you will love more those who give you more and less those who give you less. Thus your love will not be the same for all. You will not be able to love all impartially."

----- Sri Maa Sarada Devi