



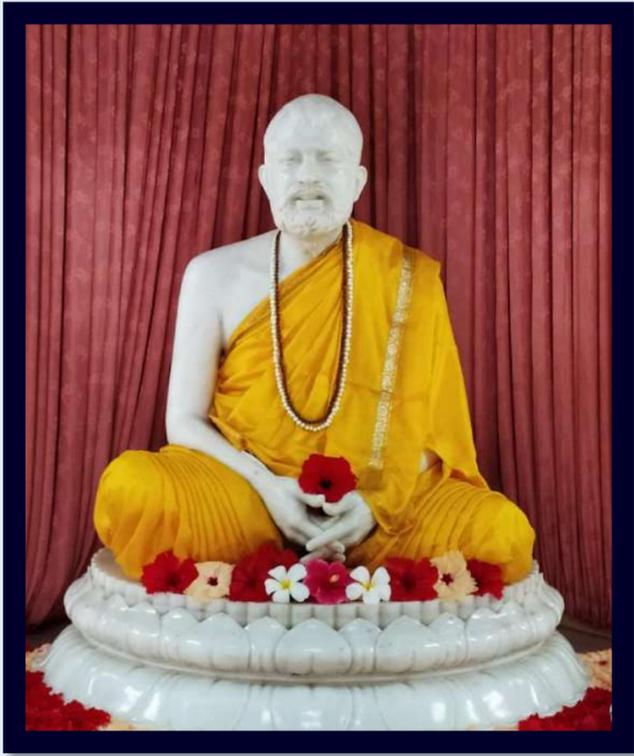
RKMYCC NEWS LETTER



Issue : 5

January – December 2021

Our Inspirations

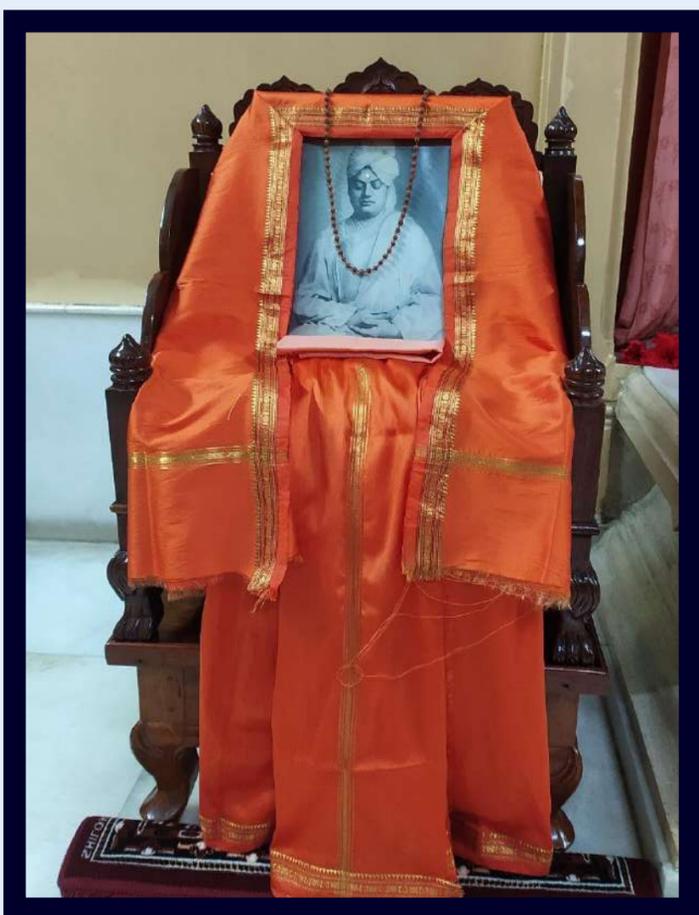


All religions are true and God can be reached by different religions. Many rivers flow in many ways, but they fall into the sea. They all are one.

..... Sri Ramakrishna Dev

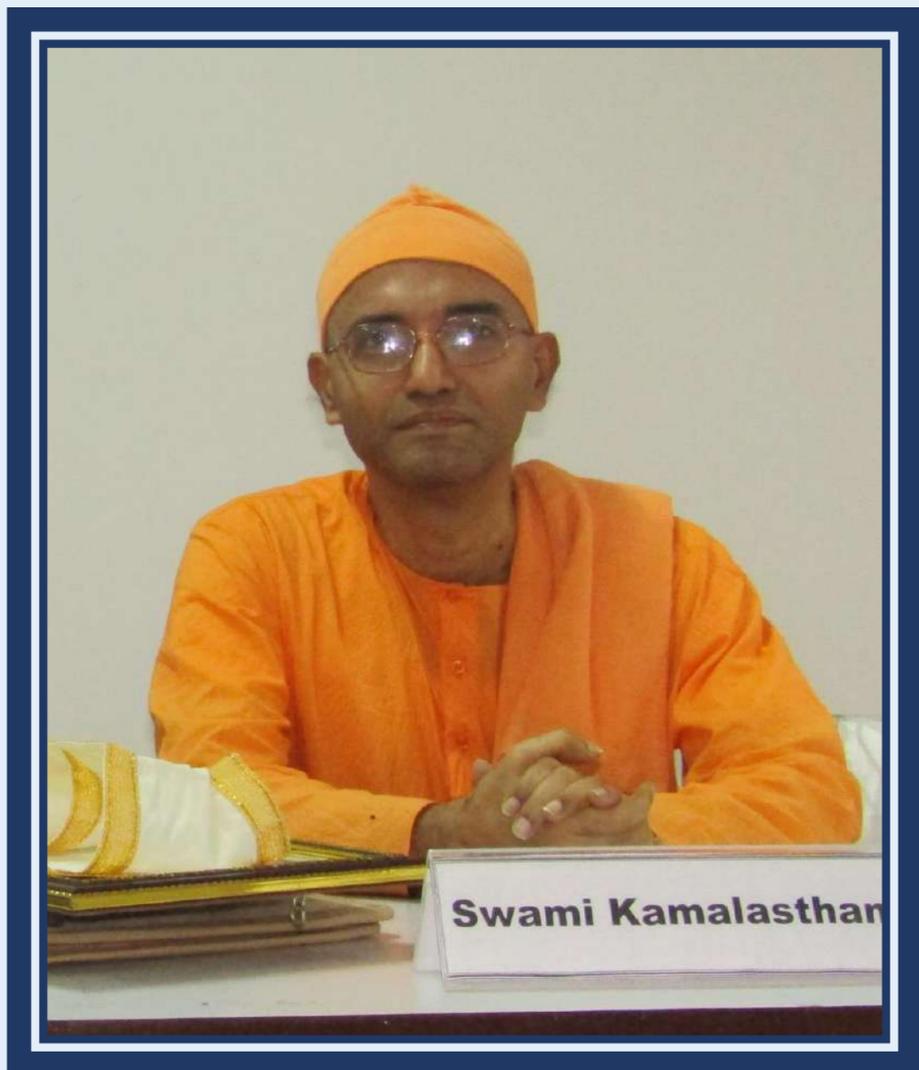
If you want peace of mind, do not find fault with others. Rather learn to see your own faults. Learn to make the whole world your own.

..... Sri Ma Sarada Devi



Experience is the only teacher we have. we may talk and reason all our lives, but we shall not understand a word of truth

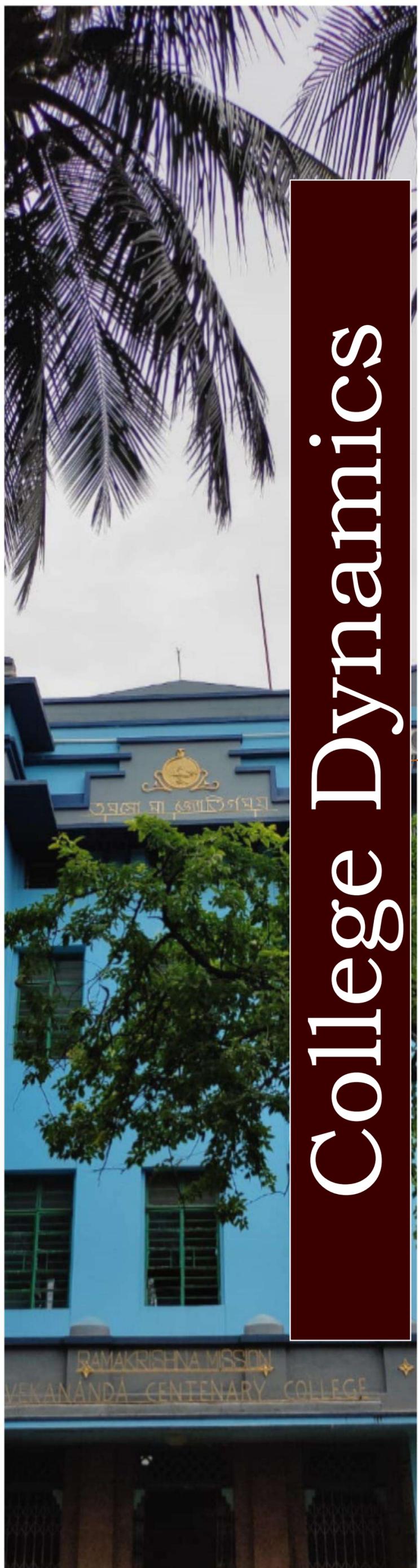
..... Swami Vivekananda



Principal's Desk

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 fifth 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. Here we have used our different corners of various lab for designing this issue.

Swami Kamalasthananda
Principal
Ramakrishna Mission
Vivekananda Centenary College, Rahara



College Dynamics

Academics

National Youth day, 2021

Saraswari Puja Celebration 2021

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

Convocation

College Achievements

Teachers' Achievements

Students' Achievements

Outreach Programmes

Webinar, Seminars & Workshops

Student Induction Programme

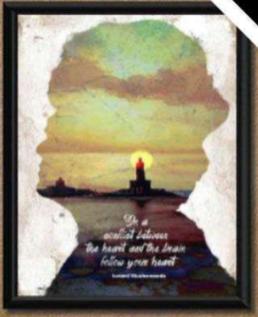
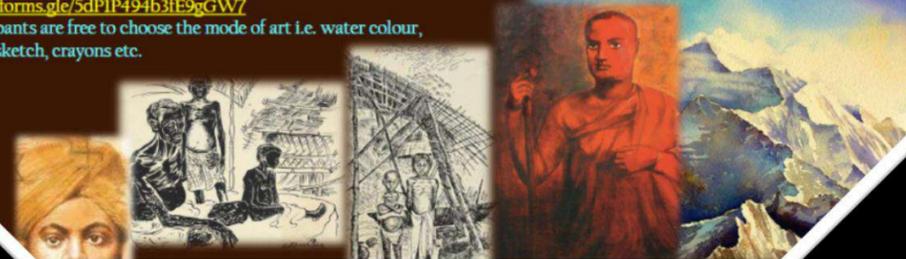
NSS Activities

National Youth Day Celebration


INTRA-COLLEGE ART COMPETITION
On
Swami Vivekananda: An Inspiration
Commemorating National Youth Day, 2022

Organized by
Ramakrishna Mission Vivekananda Centenary College, Rahara

Instructions:
All students of our College can participate.
The Topic is Swami Vivekananda: An Inspiration
The drawing/painting should be submitted online by 31st January, 2022, 8.00 p.m. The art should be uploaded in the following google form link as PDF:
<https://forms.gle/5dPIP494b3fE9gGW7>
Participants are free to choose the mode of art i.e. water colour, pencil sketch, crayons etc.

INTRA-COLLEGE
Online Essay Competition
Commemorating
National Youth Day, 2022

Topic:
Swami Vivekananda
&
The Rise of India

Organized by
Ramakrishna Mission Vivekananda Centenary College,
Rahara

Instructions:

- All students of our College can participate.
- Essays should be uploaded as PDF by 31st January, 2022, 8:00pm in the following Google form link:
<https://forms.gle/ZRCHAUqZUj9M6yPh7>
- Essays should have Name, Department, Year, Roll No., Phone No. of the students
- Essays should not exceed 500 words and should be handwritten




An Intra-College Online Art Competition on the topic ‘Swami Vivekananda-An Inspiration’ was organized in the College on 12th January, 2021. Online Essay Competition on the topic ‘Swami Vivekananda and the Rise of India’ and Online Extempore Competition on the topic ‘Why do I admire Swami Vivekananda’ were also organized on 12th January, 2021.

Result of Extempore Competition	
Name	Rank
Rohan Ghosh	1st
Kousik Bhattacharya	2nd
Jaidip Patra	2nd
Saptak Das	3rd
Swarnava Chatterjee	3rd

Result of Essay Competition	
Name	Rank
Sutanu Mukhopadhyay	1st
Koushik Mitra	2nd
Ahan Roy	2nd
Anubhab Jana	3rd
Nirmalendu Mukherjee	3rd

Result of Art Competition	
Name	Rank
Ramit Mitra	1st
Ahan Roy	2nd
Pratyay Chakraborty	2nd
Pinaki Ghosh	3rd
Siddhartha Das	3rd

The college has organized the National Youth Day celebration on 12.02.2021 in the Barasat, Subhas Gram area. About 150 local school students have participated in this program. They have participated in essay competition, elocution competition, music competition in the life and message of Swamiji.

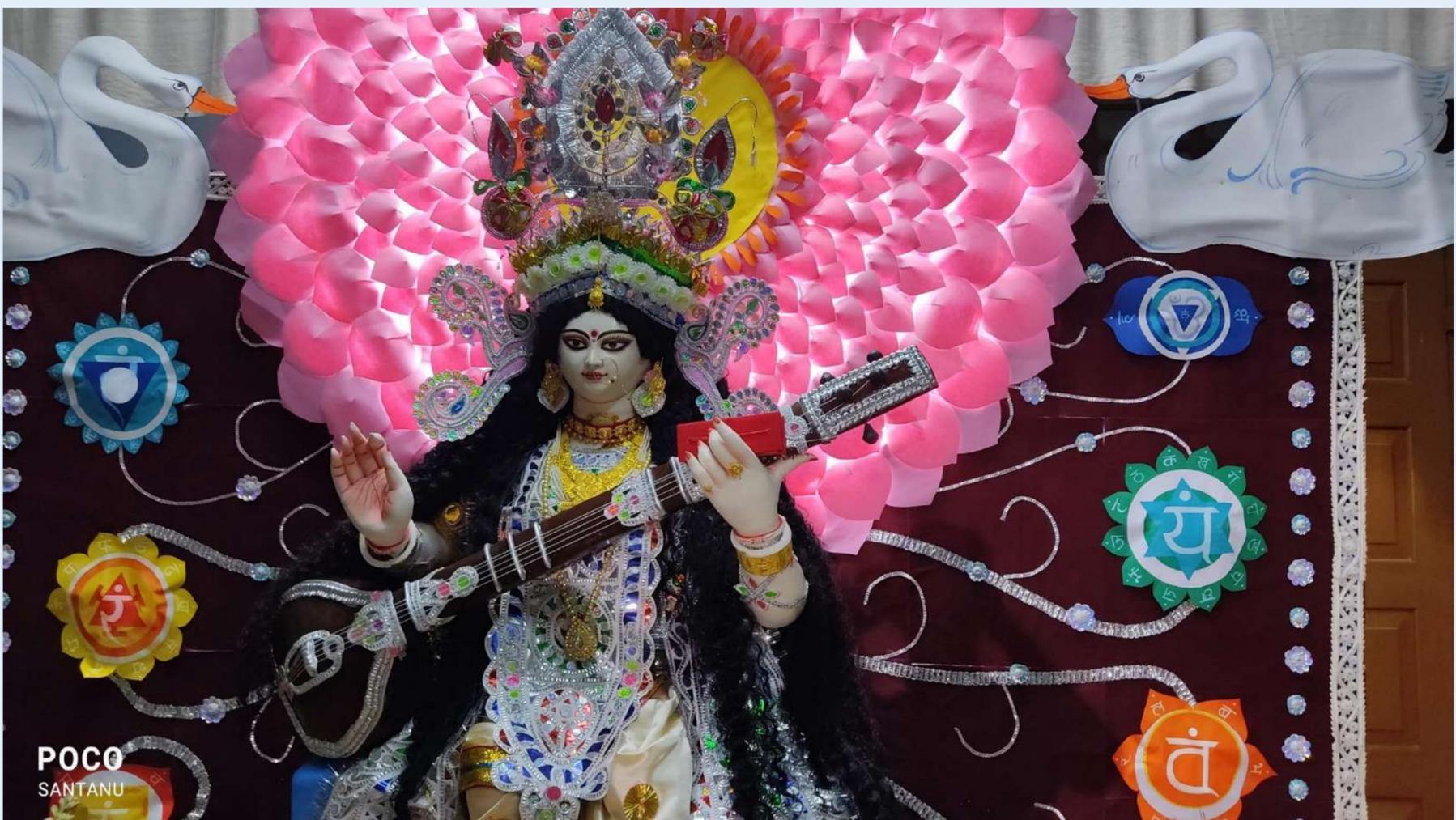
Saraswati Puja Celebration 2021





On the auspicious day of 'Saraswati Puja' (16th February, 2021) the students, ex-students and faculty members of Ramakrishna Mission Vivekananda Centenary College, Rahara came together to seek the blessings of the goddess of knowledge, music, art and culture. The event was celebrated with a lot of devotion and dedication by worshipping of Holy Mother Saraswati. Students were engaged for decoration, all preparations and worshipping Maa Saraswati to seek wisdom, artistic and technical skills, academic excellence and a good heart. 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..

Yoga, the primordial practice of our ancestors who shaped out the great culture of our motherland; the legacy is still being continued in our modern times. Yoga has been referred a higher level of consciousness and more stable mind, not be effected by any reason what so ever, and full control of our thoughts or chitta. During high meditative state in our physical body, the brain governs all the systems stops down, there is not pleasure and nor pain. To recognize such ecstasy, we choose the basic idea of Kundalini Yoga for the decoration of our Saraswati puja Sanctorum. Old scripture of Yogasiddhantam narrates the metaphoric human body compiles into naadi and chakras. Naadi is an energy channel that flows right from the brain up until the endpoint where the internal energies are twist together in the form of Kundalini. In the decoration of Chalachitra we can found the major six chakras alongside the Goddess twining with the major three naadi of Ida, Pingala and Susumna.





During the last step of Yoga, the transversal flow of energy which cuts through the nervous system by the flow of Susumna reaches to the “Grand Lotus – Sahasra chakra”. The main focus of our; is that Sahasra chakra which is enlightened the background of Mother Saraswati, to whose existence we blessed by chitta and buddhi. By channelizing the energy flow to the mental bliss in a human body to realize chitta state of mind is known to us – Sacchidananda which is here represented by Paramahansa.

With this idea our students can decorate the surroundings by environmental sustainable material like paper etc. The ritual was graced with the presence of all the students, ex-students and faculty members and all well-wishers of the college.



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



An Intra-College Online 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.

The college has organized the National Youth Day celebration on 12.02.2021 in the Barasat, Subhas Gram area. About 150 local school students have participated in this program. They have participated in essay competition, elocution competition, music competition in the life and message of Swamiji.



Convocation

5th Samavartana (Convocation) for UG, PG and Ph.D. Courses for the students who passed out in 2020 and 2021 was organized by the College on 20th December, 2021 in the presence of Most Revered Srimat Swami Suviranandaji Maharaj, General Secretary, Ramakrishna Math and Ramakrishna Mission & Hon'ble Chancellor, Ramakrishna Mission Vivekananda Educational and Research Institute & Alumnus of our college, as the Chief-Guest and Prof. Mahua Das, Hon'ble Vice Chancellor, West Bengal State University. This year 646 UG & PG students and 01 Ph.D. scholar received their certificates.





College Achievements

Special certificates achieved to the college

Sl. No.	Purpose	Authority	Date
1	Jal Shakti Abhiyan : Catch The Rain”	National Water Mission & MyGov. in	17/04/2021
2	The Festivals of India	MyGov Manipur	17/04/2021
3	Wetland Management and Biodiversity Conservation	Govt of India	13/06/2021
4	International Day of Yoga	Ministry of Ayush MoA, Govt. Of India	13/06/2021
5	Clinical management of patients with COVID 19: Initial approach to the acutely ill patient	World Health organization	16/06/2021
6	COVID-19 and work: Staying healthy and safe at work during the COVID-19 pandemic	World Health organization	16/06/2021
7	Guidance on mask use in the context of COVID 19	World Health organization	16/06/2021
8	COVID-19 vaccine-specific resources	World Health organization	16/06/2021
9	Health and peace: Concepts and tools for frontline workers	World Health organization	16/06/2021
10	Prevention, identification and management of infections in health workers in the context of COVID 19	World Health organization	16/06/2021
11	Introduction to Infection Prevention & Control (IPC)	World Health organization	16/06/2021
12	Leadership and programme management in Infection Prevention and Control (IPC)	World Health organization	16/06/2021
13	Standard precautions: The role of personal protective equipment (PPE)	World Health organization	16/06/2021
14	Transmission-based Precautions	World Health organization	16/06/2021
15	COVID-19 infodemic management: risk communication and community engagement challenges	World Health organization	16/06/2021
16	Clinical management of patients with COVID-19 - Rehabilitation of patients with COVID-19	World Health organization	16/06/2021
17	COVID-19 vaccination training for health workers	World Health organization	16/06/2021
18	Neglected tropical diseases in the context of the COVID 19 pandemic: impact and guidance	World Health organization	16/06/2021
19	Orientation to national deployment and vaccination planning for COVID-19 vaccines	World Health organization	16/06/2021
20	Clinical management of patients with COVID-19 General considerations	World Health organization	17/06/2021

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

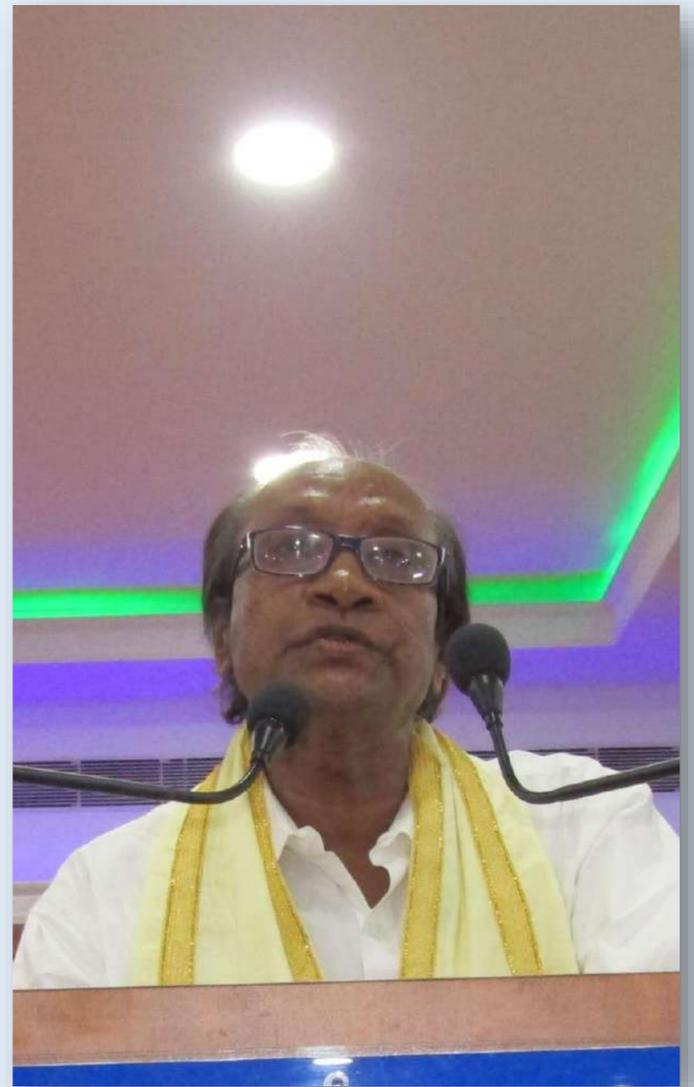


NIRF Ranking:

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



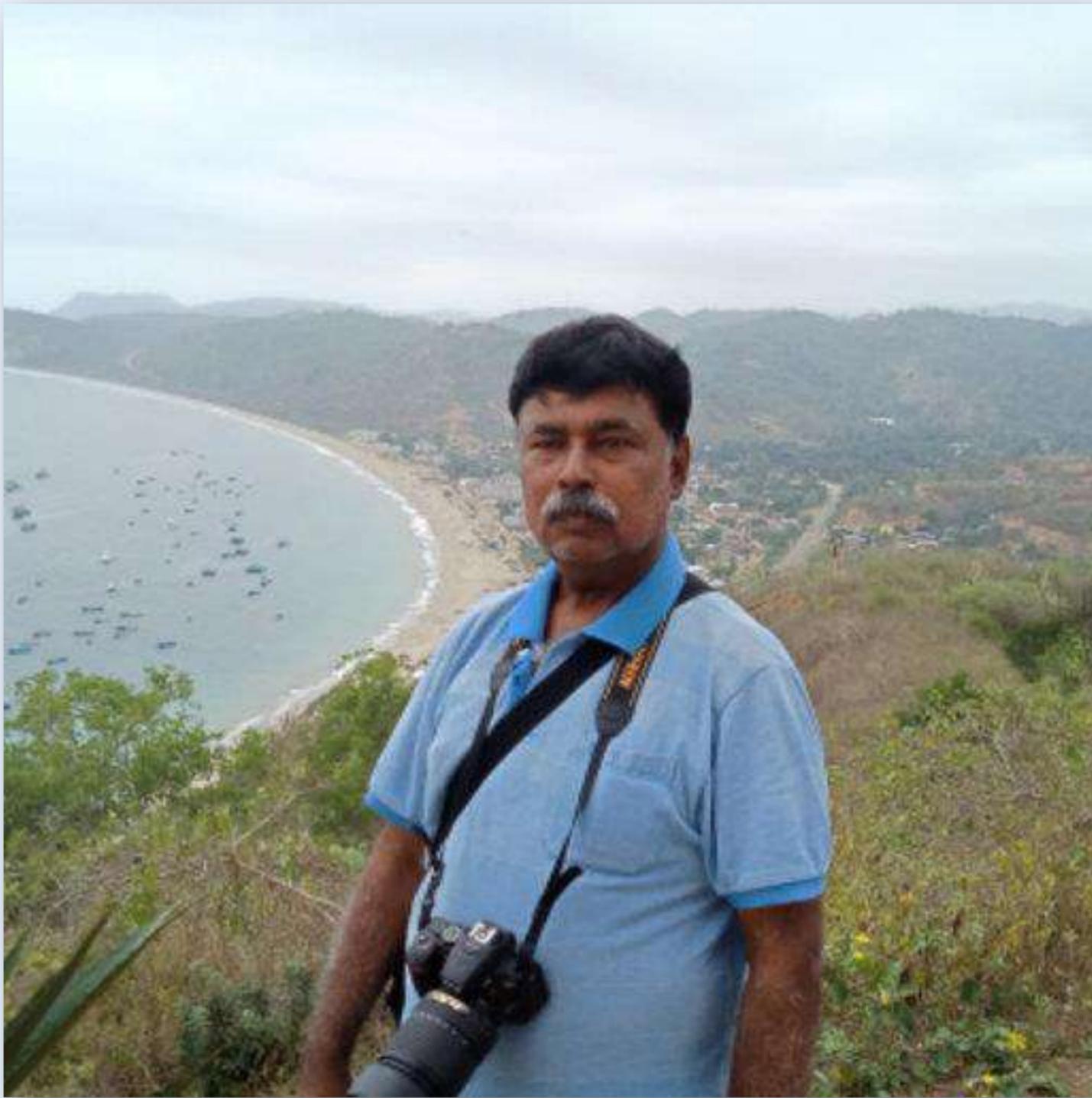
Teachers' Achievements



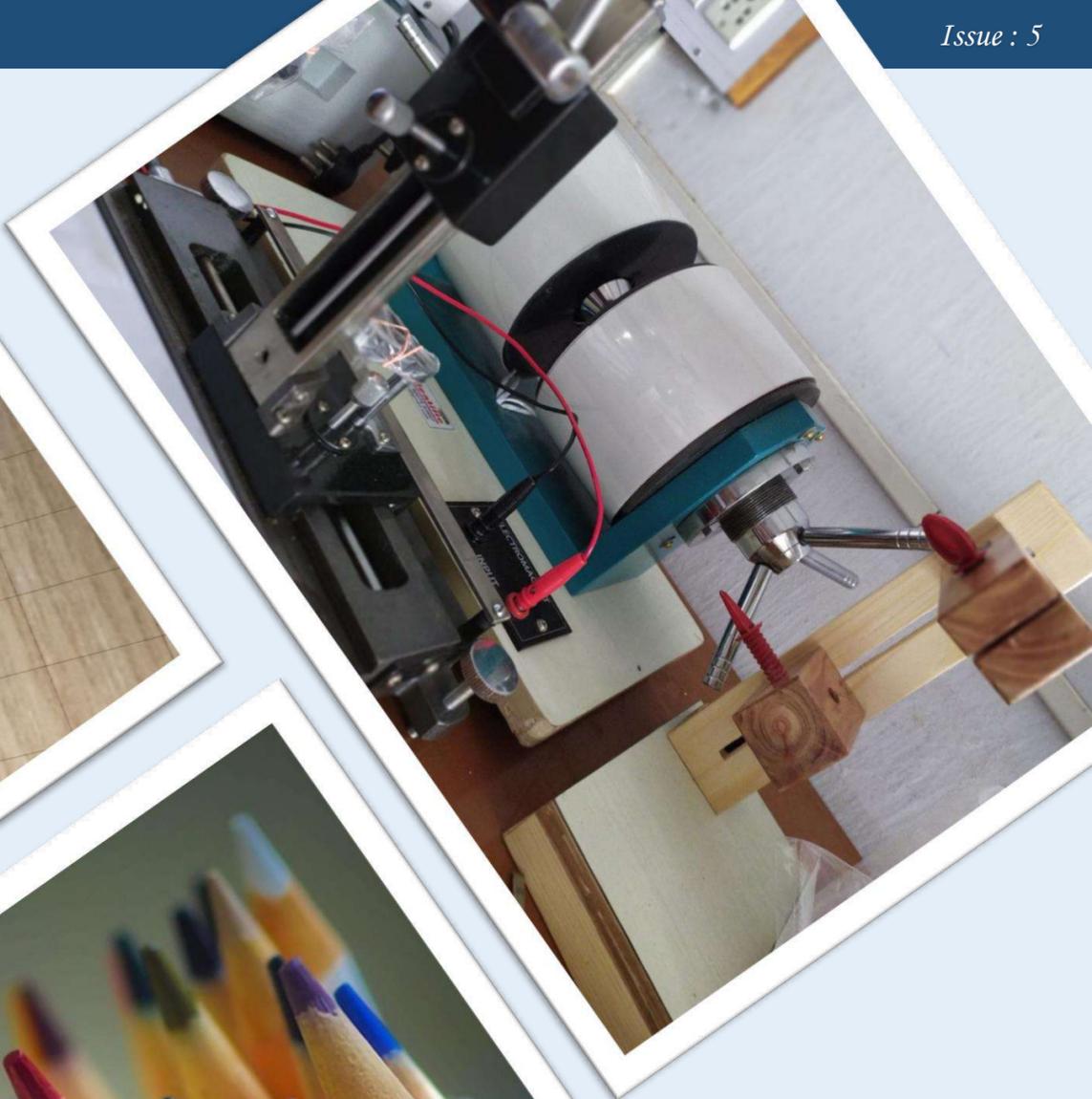
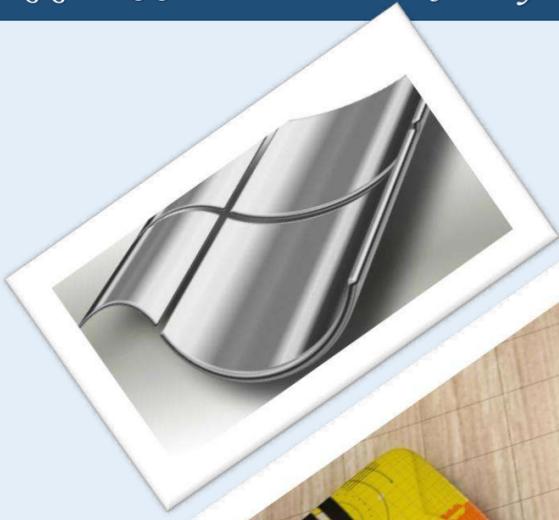
*Dr. Chandrakanta Bandyopadhyay,
Department of Chemistry, Dr. Pradyot Kumar
Medda, Department of Zoology and Dr. Asok
Kumar Pal, Department of Physics got the
Excellence in Teaching Award from
UNICEF.*



Dr. Swapan Kumar Ghosh and Dr. Biswajit Ghosh, Department of Botany Got the Excellence in Research Award from UNICEF



Dr. Bulganin Mitra, Department of Zoology, received the Life Time Achievement Awards, 2021 from Mr Debashis Sen, Chairman, Hidco On Behalf Of Nature Mates.



Students' Achievements



Anamitra Sen from Department of Zoology was awarded First Prize in the Online Inter-college Paper Presentation Competition held on 5th October, 2021, as part of “Listen to Youth Initiative” organized by Department of Botany and Zoology, under the aegis of IQAC of Vidyasagar Metropolitan College, Calcutta

Rishav Kar, Department of Microbiology, got Young Researcher Award 2021, organized by Institute of Scholars (INSC) Bengaluru. for his review article Medico Ethnobotanical Effects and Other Health Benefits on Nine Divine Plants of Navapatrika, published in International Journal of Engineering Applied Sciences and Technology, Vol. 5, Issue 3



Sawan Bhattacharya,
Department of Computer
Science 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.



- ✓ Sawan Bhattacharyya Department of Computer Science presented his dissertation work on 'Post Quantum Cryptography- A brief survey of classical cryptosystems, their fallacy and the advent of post-quantum cryptography with the deep insight into hashed based signature scheme' done under the supervision of Dr. Amlan Chakraborti. AK Chowudhury School of Information Technology, University of Calcutta at the 5th International Conference on Data Management, Analytics and Innovation (ICDMAI 2021) on 17th January, 2021
- ✓ Sawan Bhattacharya, Department of Computer Science 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 comfort with and about Quantum Computing and Quantum Machine Learning using Qiskit.



Nirmalendu Mukherjee, Department of Microbiology stood 1st and Tamonash Debnath, Department of Microbiology stood 2nd Position in intercollege debate competition organized by Vijaygarh Jyotish Ray College, Kolkata in collaboration with Science Association of Bengal, Kolkata on the occasion of World Environment Day, 5th June, 2021



Sayonil Sen, Department of Zoology got the Second Prize in Online Poster Competition on Environmental Pollution on 10th February, 2021 organised by COHORT Team DS Bengal-Can supported by Switch on Foundation

Chandan Bahumik, our 2018 B.Sc. Mathematics Hons. alumnus, received the Chairman Board of Governors Gold Medal after completing M.Sc. in Mathematics and Computing from Indian Institute of Technology (IIT) Kharagpur in 2021



Anamitra Sen, Akash Chatterjee and Mayukh Mitra students of Department of Zoology have secured the winners position for the PPT Presentation competition on 24th April 2021 at Earth Day Competition themed “Restore our Earth” by Team Bengal CAN.

*Sandip Acharyya,
Department of
Zoology, stood 3rd in
online quiz contest
organized by Alipore
Zoo, Kolkata*



*Sandip Acharyya, Department of Zoology, stood
3rd in Intercollege quiz competition organized by
Bijoygarh Jyotish Roy college in collaboration
with Science Association of Bengal, Kolkata on
the occasion of World Environment Day, 5th June,
2021*



Abhishek Shyam Chowdhury and Arpan Mondal, Department of Botany stood 3rd in poster competition organized by Acharya Brojendra Nath Seal College Cooch behar.

- *Sukriti Maity, 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, 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, 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.*



Competition on Concept note on Ecological Restoration WWF-INDIA

Prizes won by our students:

Ecological Restoration for Wildlife and Biodiversity -

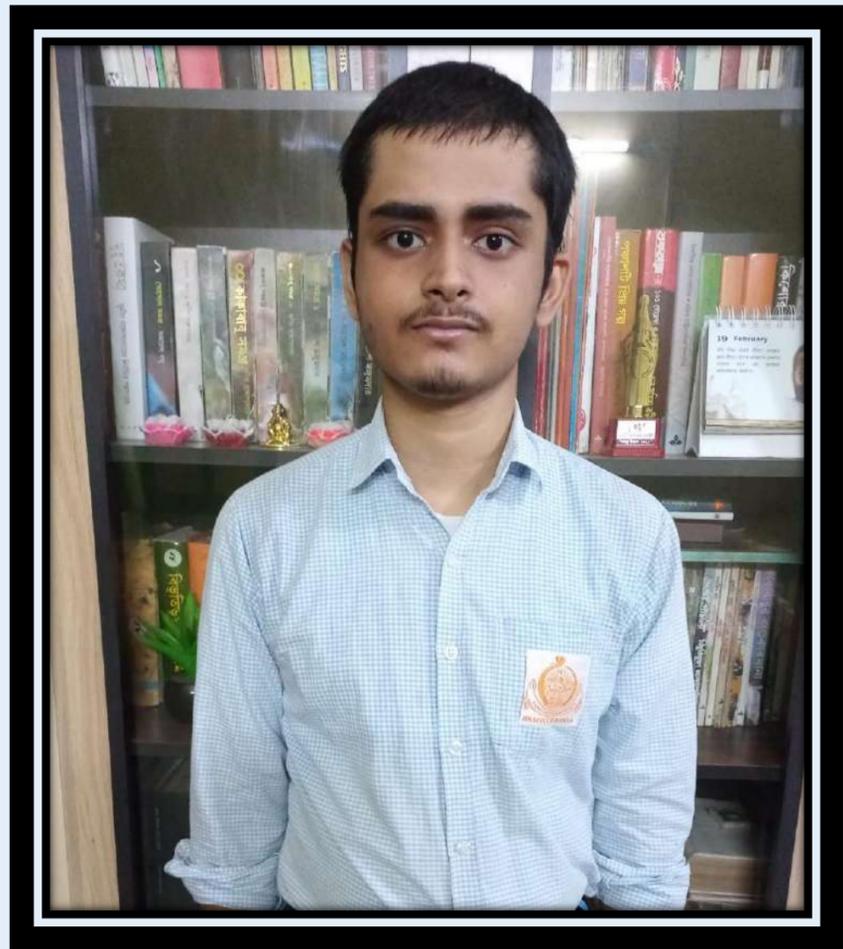
Arghya Acharyya, Dept. of Zoology,

Ecological Restoration for Climate and Environment

- Anamitra Sen, Arghya Acharyya, Dept. of Zoology,

Ecological Restoration for Habitat and Home -

Mayukh Mitra, Arghya Acharyya, Dept. of Zoology,



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 .

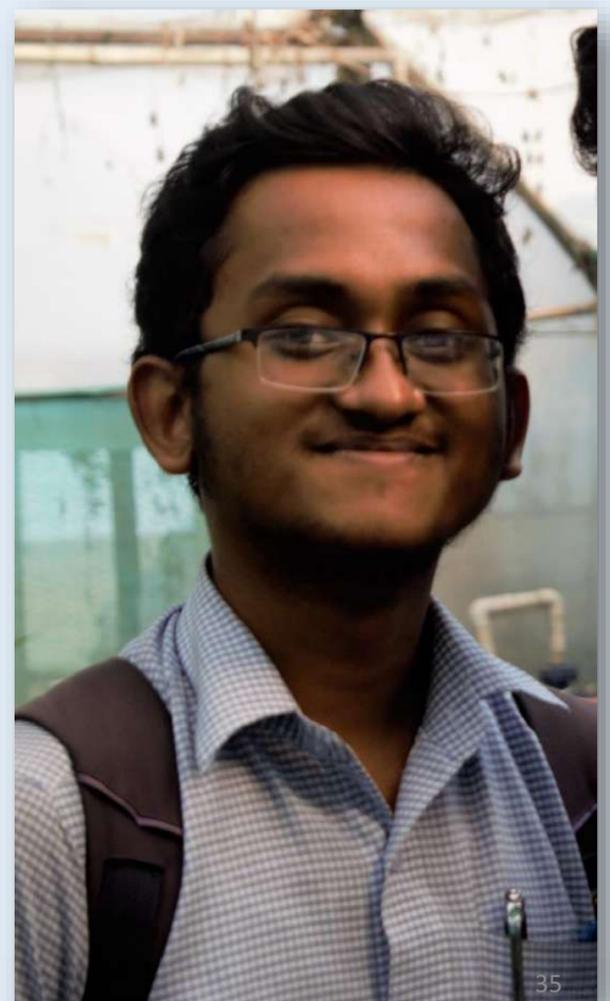


Devjyoti Mondal, student in Department of Zoology got selected for the Mentx internship under the guidance of Dr. Ahmad Masood Khan, Assistant Professor, Biodiversity & Environmental Studies, Department of Wildlife Sciences, Aligarh Muslim University, Aligarh.



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

Anubhab Das, 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.





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.



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 Chattopadhyaya, head, Center of Health Science and Technology at JIS Institute of Advance Studies and Research, Kolkata

Koushik Bhattacharya, Department of Microbiology participated a workshop on “Computational Structural Based Screening and Molecular based Dynamics” conducted by Rajiv Gandhi Centre for Biotechnology (RGCB)

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.

- ✓ *Anamitra Sen Department of Zoology has successfully secured COVID-19 Awareness Survey & Research internship at Dr. APJ Abdul Kalam Research Foundation through Internshala.*
- ✓ *Anamitra Sen Department of Zoology has successfully secured Research (Biologist) internship at FaunaNation (Flora & Fauna Conservation & Development Society) through Internshala.*
- ✓ *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..*

Publication

Journal	Article	Author
Ambient Science, 2021: Vol. 08(1); 39-40	First Report of Geocoris (Geocoris) lituratus (Geocoridae: Hemiptera) as Egg Predator of Graphium agamemnon (Papilionidae: Lepidoptera) in Urban Landscape, West Bengal	Dipak Shil, Amarttya Bagchi , Prachyaprachetah Sarkar, Dept. of Zoology
Journal of Biosciences volume 46, Article number: 102 (2021)	Diatoms: Miniscule biological entities with immense importance in synthesis of targeted novel bioparticles and biomonitoring	Rohan Kr Biswas (PG Botany) & Dr. Avik Kumar Choudhury (Dept. of Botany,



A paper entitled 'Proving inequalities via definite integration: a visual approach' by Nazrul Haque, a Sem VI student of the Department of Mathematics has been accepted for publication by The Mathematical Gazette of the Cambridge University Press.



Publication

Journal	Article	Author
International Journal of Research in Engineering and Science (IJRES) vol. 8, Issue 10.	A Brief Glimpse on Advancement of CRISPER/Cas in Research	Nobendu Mukherjee Dept. of Microbiology
International Journal of Science and Research (IJSR)	A Brief Review on the Overview on Immunology of COVID-19: Current State of the Research	Nobendu Mukherjee Dept. of Microbiology
International Journal of Pharmaceutical Research and Applications (IJPRA) Vol. 6, Issue 1	Analysis of Potentiality and Anti-Tumour activity of Cap in cancer treatment	Nobendu Mukherjee, Dept. of Microbiology
World Journal of Pharmaceutical Research (WJPR) Vol. 10, Issue 6	Treatments Discovery So Far on SARS-COVID 19: A Brief Report	Nobendu Mukherjee, Dept. of Microbiology ₄₁



Publication

Journal	Article	Author
International Research Journal of Modernization in Engineering Technology and Science (IRJMETS) Vol. 3, Issue 7	Historical Background of Biological Warfare	Santanu Kuilya, Department of Microbiology
Journal of Chengdu University of Technology vol. 26	Are the Staphylococcal phages detrimental for them or it makes them detrimental foe us? A review	Subrata Patra, Koushik Bhattacharya & Rishav Kar Department of Microbiology





Publication

Journal	Article	Author
ADVENT : The Biological Magazine Volume-1(2021) published by The Advent Biological Society TABS	Study of Avian Neighbours of Baranilpur, Aryapally, Purba Barddhaman, West Bengal, India	Anamitra Sen Department of Zoology
ADVENT : The Biological Magazine Volume-1(2021) published by The Advent Biological Society TABS	Plausible Role Of Il-4 And TGF- B In Activation Of TH2 And <i>Wuchereria bancrofti</i> Mediated Inflammation Amelioration By Applying Rocaglamide	Dhruba Datta, Department of Zoology

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.



Outreach Programme

Outreach Programme organized Ramakrishna Mission Vivekananda Centenary College, Rahara by under DBT STAR College Scheme in collaboration with Govt Sponsored Multipurpose School for Boys' Taki House on 9th April 2021 (Friday):

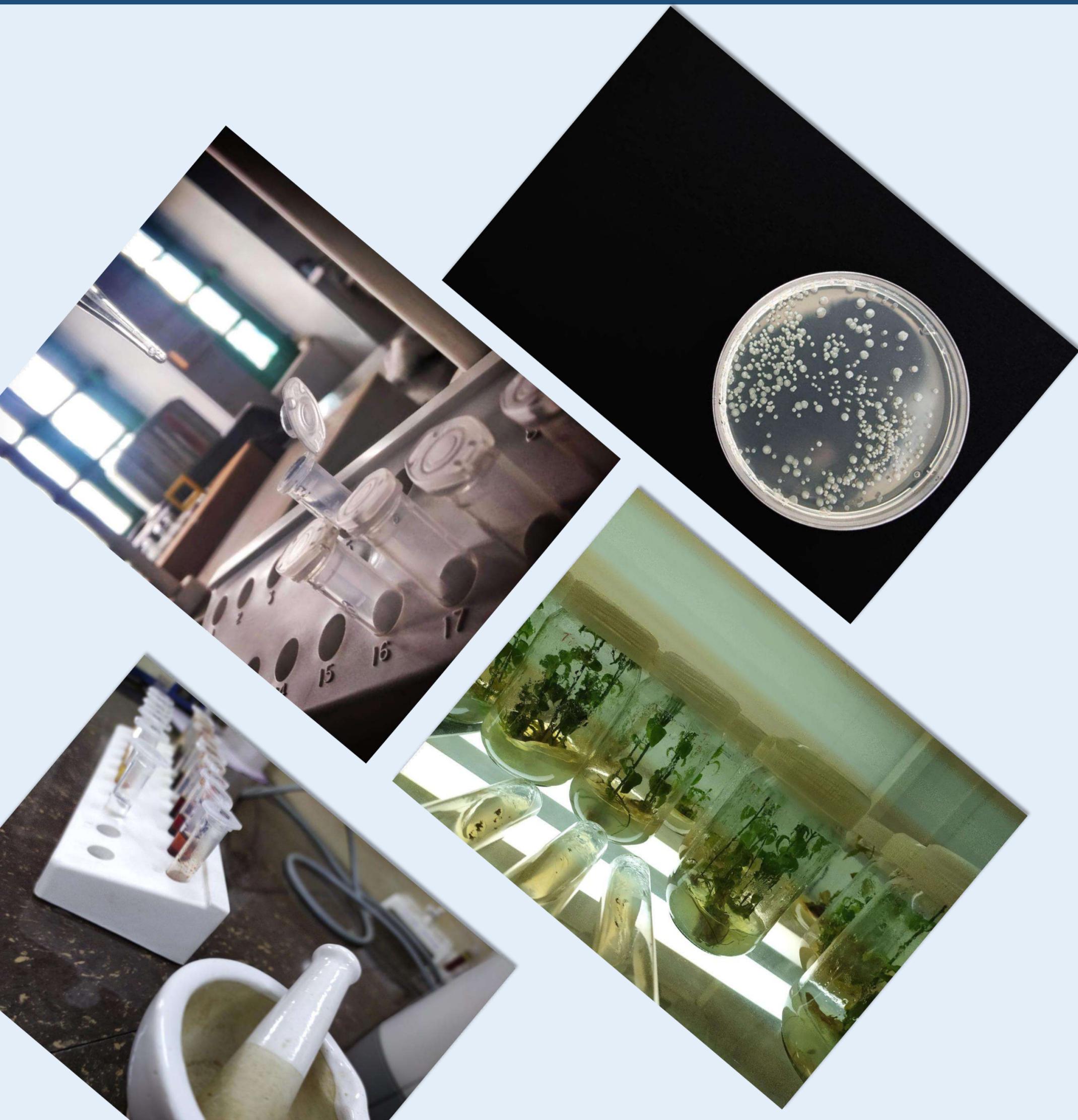
<p>Lecture 1 Subject: Zoology Title: Why We Need To Know Ecology</p>	<p>Dr Arunava Mukherjee Department of Zoology</p>
<p>Lecture 2 Subject: Chemistry Title: History of Coordination Chemistry</p>	<p>Dr Sougata Sarkar, Department of Chemistry</p>
<p>Lecture 3 Subject: Physics Title: Origami and Modern Science</p>	<p>Dr Kalyan Brata Chatterjee, Department of Physics</p>
<p>Lecture 4 Subject: Botany Title: Light and Life: The Indispensable Process of Photosynthesis</p>	<p>Dr Avik Kumar Choudhury, Department of Botany</p>

Interdepartmental Enrichment Programme:

Organized Ramakrishna Mission Vivekananda Centenary College, Rahara by under DBT STAR College Scheme

7th April, 2021 (11am – 4.00pm)

- ✓ Dr. Kalayan Brata Chatterjee, Physics, RKMVCC
(Topic :The art of estimation)
- ✓ Dr. Anirban Kundu, Botany, RKMVCC
(Topic: Protein bioinformatics – Structural dynamics and properties)
- ✓ Dr. Sougata Sarkar, Chemistry, RKMVCC
(Topic: Chemistry of Buffer Solution)
- ✓ Dr. Subham Mookherjee, Zoology, RKMVCC
(Topic: Environmental water sources and diarrhea)
- ✓ Dr. Phonindra Nath Das, Mathematics
(Topic: LaTeX for scientific documentation)

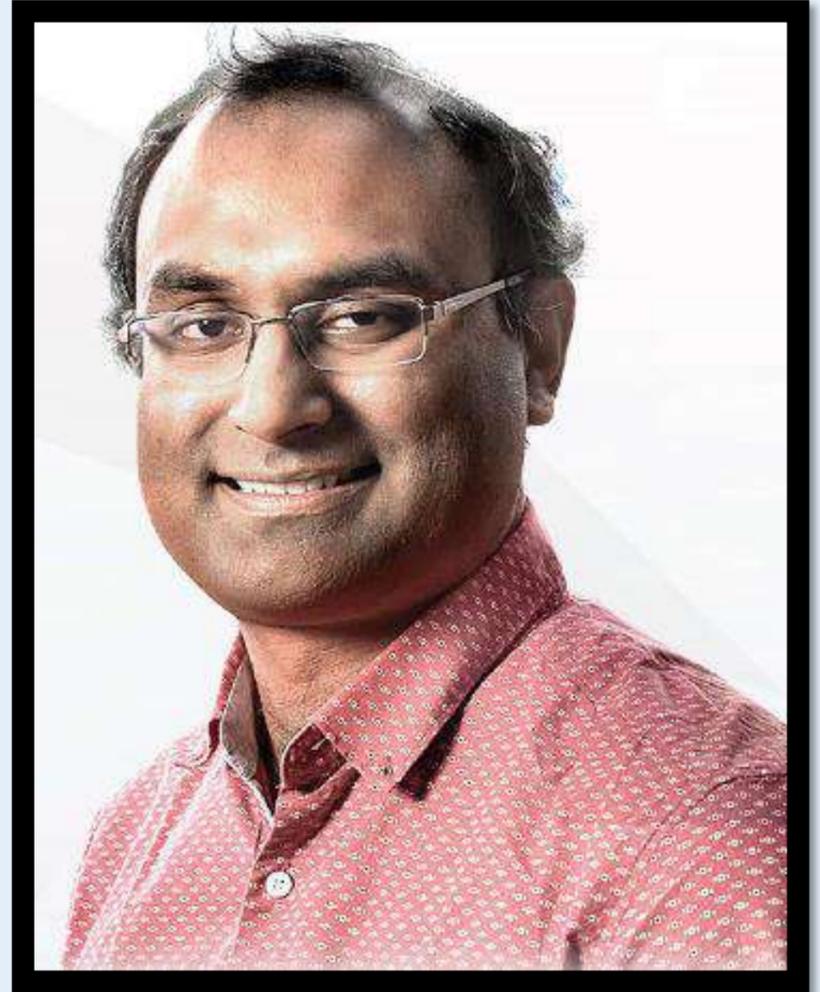


Webinars Seminars & Workshops

Date: 2nd January, 2021

Webinar on “Large deviations for random graphs”

Speaker: Prof. Sourav Chatterjee,
Professor of Mathematics and
Statistics Stanford University, USA
(Infosys Prize awardee 2020 in
Mathematics)



Date: 4th January, 2021

Webinar on “Emerging Physics and Devices with Atomic Membranes”

Speaker: Prof. Arindam Ghosh,
Professor, Department of Physics,
Indian Institute of Science (IISc),
Bangalore (Infosys Awardee 2020
in Physical sciences)



Date: 8th January, 2021

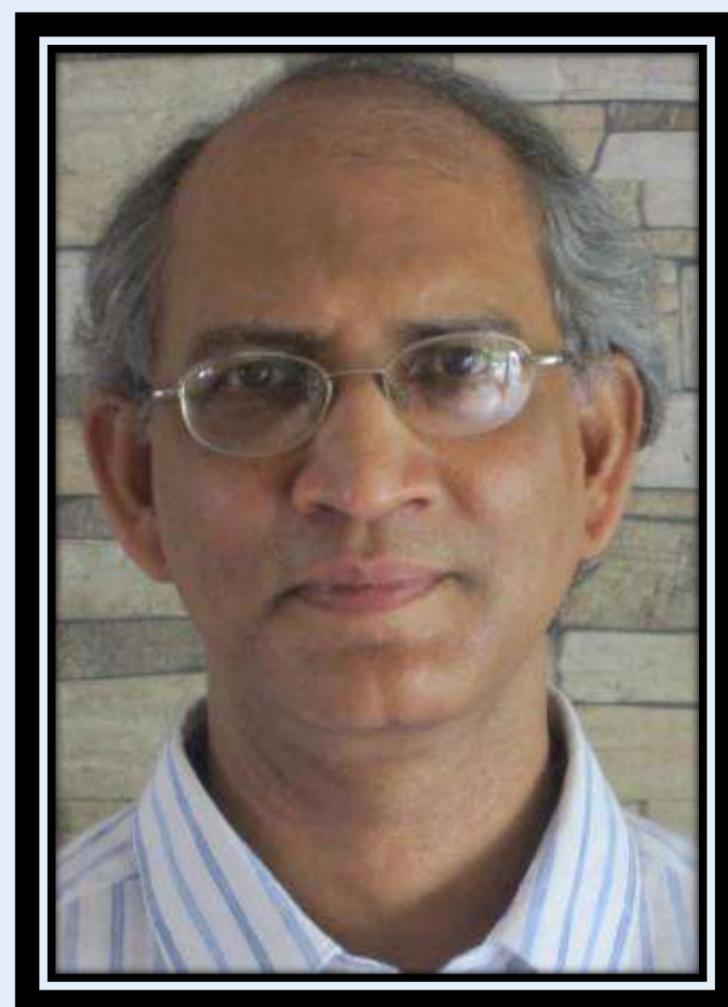
Webinar on “Protein folding and interactions”

Speaker: Prof. Pinakpani

Chakrabarti, Senior Professor and

J.C. Bose Fellow, Department of

Biochemistry, Bose Institute



Date: 12th January, 2021

Webinar on “Swami Vivekananda : His Life and Message”

Speaker: Prof. Subramanian

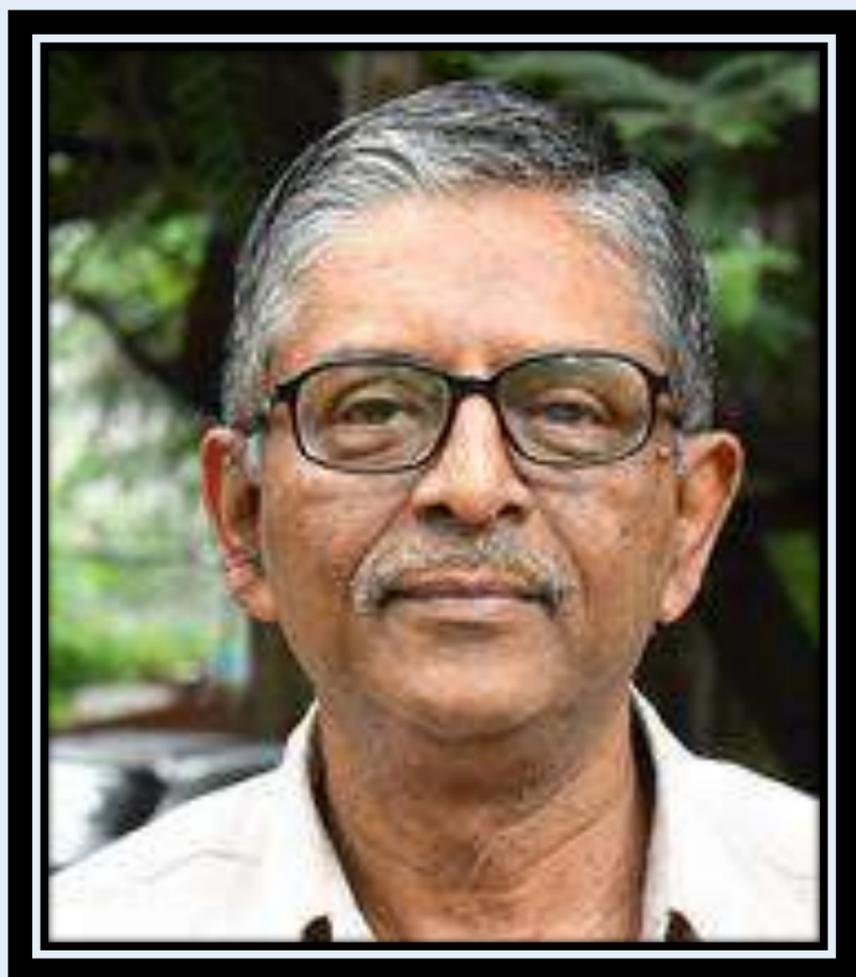
Yashonath, Emeritus Professor,

Solid State and Structural

Chemistry Unit (SSCU), Indian

Institute of Science, (IISC),

Bangalore





Date: 23rd January, 2021

Webinar on Webinar on “Novel Aspects of Modern Physics”

Speaker: Professor Nilmani

Mathur, Dept. of Theoretical

Physics, Tata Institute of

Fundamental Research (TIFR),

Mumbai.

Date: 28th January, 2021

Webinar on “West Bengal Health Scheme for Govt. and Govt. Aided College and University Teachers and Officers of West Bengal.”

Speaker: Dr. Partha Karmakar,

Deputy Secretary Academic,

WBBSE, Former OSD & Ex-

officio Assistant Director of Public

Instruction, Govt. of West Bengal



Date: 11th February, 2021

Webinar on “Basic field approaches for pollination”

Speaker: Dr. Udipta Chakraborti

Former Research Scholar

University of Kalyani

Date: 20th February, 2021

Webinar on Scientific Beekeeping for Managed
Pollination and Production of Quality Honey and other
Hive Products”

Speaker: Dr. Dipak Nayak

Sr. Scientist & In-Charge

ICAR-Central Institute for Subtropical Horticulture,

Regional Research Station, Malda, WB

Webinars Organized by DBT STAR College Scheme, Department of Chemistry, Ramakrishna Mission Vivekananda Centenary College, Rahara



Date: 31st March, 2021

Webinar on “Tackling the Flu: From
H1N1 to SARS-CoV-2”

Speaker: Dr. Arindam Mondal,

Assistant Professor , IIT Kharagpur



Date: 8th May, 2021

Webinar on “Amino Acids and Trisubstituted
Methanes (TRSMs) as Versatile Synthons: Rays
of Hope for Autophagic Cell Death and
Tuberculosis respectively?”

Speaker: Dr. Gautam Panda Scientist F, Senior
Principal Scientist & Professor CSIR- Central
Drug Research Institute (CDRI), Lucknow

Webinars Organized by DBT STAR College Scheme, Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara



Date: 31st March, 2021

Webinar on “Chiral checkpoints
during protein biosynthesis”

Speaker: Dr. Rajan Sankaranarayanan

Chief Scientist, Structural Biology

Laboratory CSIR-Centre for Cellular
and Molecular Biology (CCMB),

Awarded Infosys Prize 2020 in Life
Sciences

Date: 8th May, 2021

World Environment Day Webinar on

Broken Chain of Events: connecting predation risk to
prey population abundance

Speaker: Dr. Maria Thacker, Associate Professor,

Macrophysiology Lab, Centre for Ecological Sciences,

IISc Bangalore

Workshop & Webinar Organized by Department of Computer Science, Ramakrishna Mission Vivekananda Centenary College, Rahara



Date: 25th February, 2021

Webinar on Introduction to Data Science

Speaker: Prof. Anirban Mukhopadhyay
of Kalyani University

Date: 1st March, 2021

Webinar Basics of image processing and
pattern recognition

Speaker: Dr. Kaushik Roy, WBSU



Date: 7th April, 2021

The department of Computer Science organized a two day
cyber security workshop in collaboration with Zero Dollar
Security

Speaker: CEO Mr. Sohag along with his colleagues Mr.
Harshit and Mr. Debjeet

Webinar Organized by Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara



Date: 20th September, 2021

Webinar on “Gut Microbiome, Brain and Behaviour”

Speaker: 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

Date: 30th December, 2021

Webinar on “Food Technology for a Better Tomorrow”

Speaker: Prof. Hari Niwas Mishra,

Department of Agricultural and Food Engineering, Indian Institute of Technology (IIT) Kharagpur



Workshop Organized by Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara



Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara organized 14 days' Intradepartmental workshop on **“Biostatistics & Bioinformatics”** where, 52 students are enrolled. Dr. Sekhar Pal, Asst. Professor, Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara was the resource person for the workshop

Date: 10th June, 2021

Webinar on Recent trends in security and authentication in communications

Speaker: Prof. Jyotsna Kumar Mandal

Date: 12nd June, 2021

Webinar on How to face interview board of various industries, what is their expectations from students etc.

Speaker: Shri Subir Bandyopadhyay

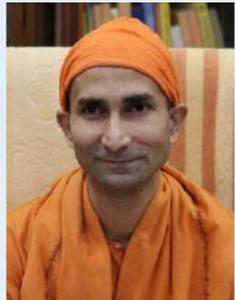
Date: 24th June, 2021

Celebration of 7th International Yoga Day

Webinar on Yoga and Youth of India

Speaker:

- ✓ 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



Date: 13th & 14th July, 2021

National Webinar on The Philosophy of Education and
Swami Vivekananda

Sponsored by Indian Council of Social Science Research,
New Delhi

Speaker:

- ✓ 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

Date: 16th July, 2021

Webinar on "Water, water everywhere Understanding how water plays important role in life and science"

Speaker: Prof. Biman Bagchi,
Distinguished Professor, Indian
Institute of Science (IISc),
Bangalore



Date: 24th September, 2021

Webinar on "Science For All:
To Do Cutting-Edge Research
at Trifling Cost"

Speaker: Prof. Raghavendra
Gadagkar, DST Chair

Professor, Centre for Ecological
Sciences, Indian Institute of
Science (IISc) Bangalore

Date: 6th October, 2021

Webinar on IPR: Issues and Challenges in Higher Education

Topic: A Peep into IPR on Academic Research: Role of Information Professionals

Speaker: Dr. Saptarshi Ghosh, University of North Bengal



RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE
 DEPARTMENT OF ZOOLOGY
 DBT STAR COLLEGE PROGRAM
OPPORTUNITIES AND SCOPES IN FOREST SERVICES IN INDIA
 Orientations, and Career Counseling
DR. NARAYAN CHANDRA SAHA
 FORMER DY. DIRECTOR, DVC, FOREST

Patron
 Swami Kamalasthanada
 DBT Coordinator
 Swami Vedanuragananda
 Departmental Coordinator
 Dr. Arunava Mukherjee

Convener
 Dr. Ajoy Mallik
 Joint Convener
 Dr. Subham Mookerjee
 Dr. Subhajit Maity

Registration link:
<https://forms.gle/mhVcSv94NqC17WJ4A>

8TH OCTOBER 2021
19:00 HRS.

Date: 8th October, 2021

Webinar on Opportunities and Scopes in Forest Services In India

Orientations and Career Counseling for UG students of our college

Speaker: Dr. Narayan Chandra Saha, Former Dy. Director, DVC, Forest

Webinars Organized by DBT STAR College Scheme, Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara



Date: 26th October, 2021

Webinar on “The story of how life could
have originated on Earth”

Speaker: Dr. Sudha Rajamani,

Indian Institute of Science Education
and Research (IISER), Pune

Online Workshops arranged (by the Department of Zoology):

1) TOPIC : Mapping & GIS System

DATE:15.02.2021

Ritam Dutta

Senior Research Fellow

Zoological survey of India

M-Block, New Alipore, Kolkata

Ph.D scholar, University of Madras.

2) TOPIC: Practical Demonstration on the dissection of Corbicula & Stinger Of Honey Bees & Mouthparts of Mosquito

DATE: 18.02.21

Sankarsan Roy

Ph. D. Research Scholar, Dept. of Zoology, Vidyasagar University

And District Entomologist,

Dept. of Health & Family Welfare, GoWB, Purulia.

Date: 09th October, 2021

Webinar on “Plagiarism in scholarly publication: What, Why and How?”

Speaker: Dr. Sibsankar Jana,
Assistant Prof., University of
Kalyani



Date: 8th November, 2021 to 15th November, 2021

**National level Intercollegiate Online Faculty
Development Program on Outcome Based
Education & Bloom’s Taxonomy**

Organized by Internal Quality Assurance Cell (IQAC)
of this college, in association with IPSR solutions
limited, Kottayam.

Workshop Organized by Department of Zoology, 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 enrolled.



Workshop Organized by DBT STAR College Scheme, Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara

Date: 21st December, 2021

Workshop On Sampling, Isolation, Preservation &
Identification Of Soil Microarthropods

Resource Person: Dr. Guru Pada Mandal Scientist E Zoological
Survey of India

Date: 23rd December, 2021

Workshop Organised by the Department of Zoology
In Collaboration with Purba Midnapre 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

Resource Persons: Dr. Anupam Khan W.B.F.S., Divisional Forest
Officer, Purba Medinipur Forest Division

Mr. Balaram Panja W.B.F.S., Assistant Divisional Forest Officer, Purba
Medinipur Forest Division



Date: 28th December, 2021

Sri Ramakrishna Endowment Lecture

Instituted by Prof. Projit Kumar Palit, Professor, Department of History, Assam university, Silchar

Topic: Swami Vivekananda's Practical Vedanta

Speaker: Revered Swami Suparnanandaji Maharaj, Secretary, The Ramakrishna Mission Institute of Culture, Golpark

National Level Seminar on 27th and 28th December, 2021

On “Planetary Crisis and Human Liberation”

Sponsored by: Indian Council of Philosophical Research



National Level Seminar on 27th and 28th December, 2021

On “Planetary Crisis and Human Liberation”

Sponsored by: Indian Council of Philosophical Research

List of Speakers:

- ✓ Prof. Sankar Kumar Ghosh, Former Vice Chancellor, Kalyani University, Professor, Department of Biotechnology, Assam University, Silchar
- ✓ Prof. Projit Kumar Palit, Professor, Department of History, Assam university, Silchar
- ✓ Prof. Anil Kumar Sarkar, Professor of History, University of Kalyani, West Bengal
- ✓ Prof Subhabrata Dutta, Professor , Department of Social Work, Assam University, Silchar
- ✓ Prof. Sirajul Islam, Professor and Former Head Dept. of Philosophy and Religion, Visva-Bharati University, Santiniketan
- ✓ Professor KantiLal Das, Department of Philosophy, North Bengal University, West-Bengal

National Level Seminar on 27th and 28th December, 2021

On “Planetary Crisis and Human Liberation”

Sponsored by: Indian Council of Philosophical Research

List of Speakers:

- ✓ Professor Bhupendra Chandra Das, Head, Department of Philosophy, Vidyasagar University
- ✓ Prof. Amal Kumar Harh, Professor, Department of Philosophy, Cooch Behar Panchanan Barma University, Cooch Behar.
- ✓ Dr. Akhil Sarkar, Assistant Professor, Nabadwip Vidyasagar College, Nadia, West Bengal
- ✓ Dr. Santanu Dey, Associate Professor, Department of History, Ramakrishna Mission Vidyamandira, Belur Math.
- ✓ Prof Rajkumar Modak, Department of Philosophy, Sidho-Kanho-Birsha University, Purulia, West Bengal
- ✓ Dr. Kuheli Biswas, Assistant Professor, Department of Philosophy University of Kalyani,

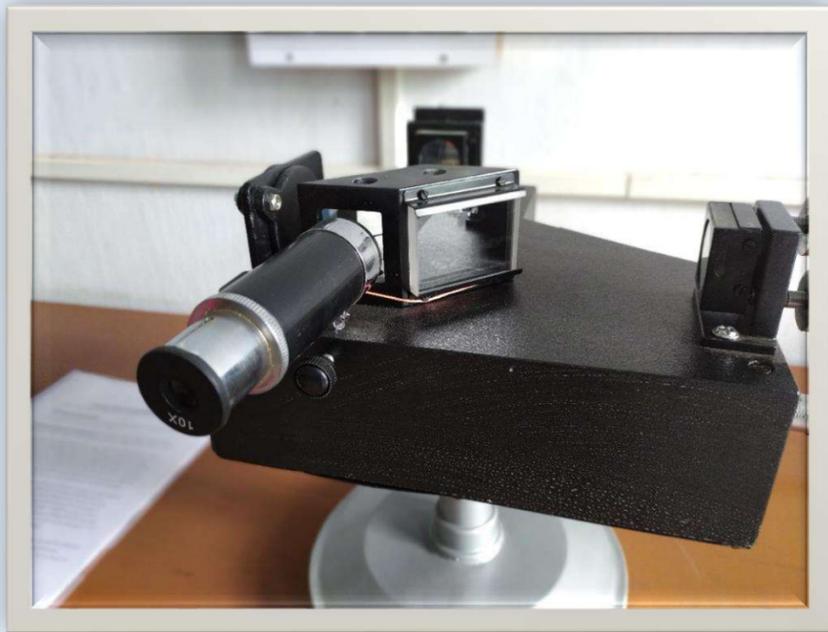
National Level Seminar on 27th and 28th December, 2021

On “Planetary Crisis and Human Liberation”

Sponsored by: Indian Council of Philosophical Research

List of Speakers:

- ✓ Prof. Saswati Mutsuddy, Former Head, Department of Pali, University of Calcutta
- ✓ Dr. Mrinalkanti Chattoopadhyay, Principal, Kandra Radhakanta Kundu Mahavidyalaya, West Bengal
- ✓ Dr. Buddhadev Bhattacharya, Sr. Assistant Professor, Dept. of Philosophy, Nava Nalanda Mahavihara, (Deemed University), Ministry of Culture, Govt. of India, Nalanda, Bihar.
- ✓ Prof. Samar Kumar Mondal, Professor, Department of Philosophy, Jadavpur University
- ✓ Dr Prasanta Sarkar, Assistant Professor Department: Philosophy, University of Burdwan
- ✓ Swami Vedanuragananda, Controller of Examinations, RKMVCC



Student Induction Programme

Induction Programme on 15th September, 2021 For the newly admitted UG students of Chemistry



Topic: The status of Chemistry Research in India: From P. C. Ray to the present"

**Speaker: Professor Vadapalli Chandrasekhar,
Centre Director, Tata Institute of Fundamental
Research (TIFR) Hyderabad**

Induction Programme on 16th September, 2021 For the newly admitted UG students of Computer Science



**Topic: An open interaction on the perspective of
Computing Technology**

**Speaker: Professor P. Nagabhushan
Director, Indian Institute of Information Technology,
Allahabad**

Induction Programme on 17th September, 2021 For the newly admitted UG students of Botany



Topic: 'Abiotic Stresses in Agriculture: Impacts and Management'

Speaker: Dr. H. Pathak

Director, ICAR-National Institute of Abiotic Stress Management (NIASM) Baramati, Pune,

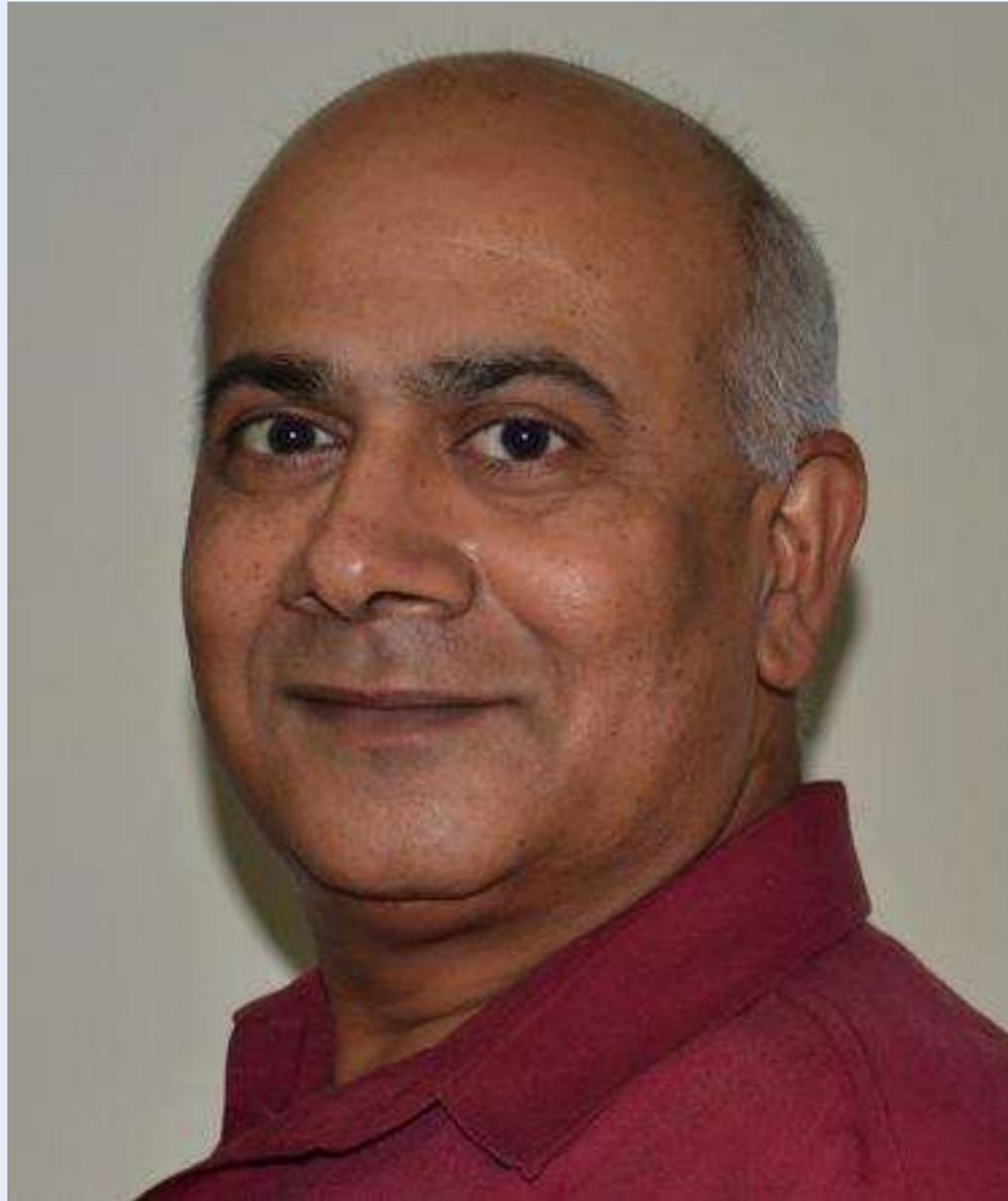
Induction Programme on 18th September, 2021 For the newly admitted UG students of Microbiology



Topic: Opportunities in Microbiology and Life Sciences

**Speaker: Professor V. M. Katoch
Former Director General, Indian Council of
Medical Research (ICMR)**

Induction Programme on 19th September, 2021 For the newly admitted UG students of Zoology



Topic: 'Modern Science and Nation Building'

Speaker: Dr. D.M. Salunke

Director, International Centre for Genetic
Engineering & Biotechnology

Induction Programme on 19th September, 2021 For the newly admitted UG students of Physics



Topic: 'A journey towards our nearest star the Sun'

Speaker: Prof. Dipankar Banerjee,
Director, Aryabhata Research Institute of
Observational Sciences (ARIES)

Induction Programme on 4th October, 2021 For the newly admitted PG students of Chemistry



**Topic: Crystal Engineering of Solid-state
Pharmaceuticals: From Synthons to Salt- Cocrystal
Drugs**

**Speaker: Prof. Ashwini Nangia, Professor of
Chemistry, University of Hyderabad, Hyderabad,
Former Director, CSIR National Chemical
Laboratory, Pune**

Induction Programme on 5th October, 2021 For the newly admitted PG students of Zoology



Topic: Genotype to Phenotype through Omics: An Overview.

**Speaker: Prof. Ranganath, Hassan Annegowda
Visiting Professor at Indian Institute of Science,
Bangalore;**

**Formerly Director, National Assessment and
Accreditation Council (NAAC); Former Vice
Chancellor, Bangalore University**

Induction Programme on 7th October, 2021 For the newly admitted PG students of Botany



Topic: Why and how to be a Plant Scientist?

**Speaker: Prof. Ravinder K Kohli,
Vice-Chancellor, Amity University Punjab
Former Vice-Chancellor, Central university, Punjab
JC Bose National Fellow**

Induction Programme on 8th October, 2021 For the newly admitted PG students of Mathematics



Topic: The games that mathematicians play

Speaker: Prof. Gadadhar Misra

**Professor, Department of Mathematics (IISc.),
Former Chairman Department of Mathematics,
IISc, Bangalore**

Vice President, Indian National Science Academy



RSS Activity





Covid Vaccination Camp

Covid Vaccination Camp was organized in the College on 09th October, 2021. All total 105 students and staff members received vaccine doses

Yas Cyclone Relief Activities:

The NSS Unit of the college was engaged in various service activities in the Yas cyclone affected Sunderbans and coastal areas. Dry food, rice, dal, soyabean, mustard oil, vegetables, medicine, baby food to 230 families, 50 clothes, Rs 500 to two families were distributed in those areas.



Eye Camp

Eye Screening and Cataract Operation Camp, 2021 was organized by Ramakrishna Mission Vivekananda Centenary College Rahara, on 17-12-2021. Total 154 patients were screened. Out of them total 77 patients were operated. Free Eye glasses were distributed to 87 people.

Eminent Visitors' Column



It was an honor for me to visit the RKNVC College and presenting a talk on my research. I thoroughly enjoyed interacting the students and visiting the lab and campus here.

..... Dr. Anjan Debnath, Amoebosoa
Core Director, Center for Discovery
and Innovation in Parasitic
Diseases (CDIPD)

This college is a pride of place for the people of this area and all who are associated with this great institute.

.... Swami Suvirananda
General Secretary
Ramakrishna Math & Ramakrishna Mission



Crowning glory to the WBSU as the institution grooms the students being toppers in each and every fields of education

.... Prof. Mahua Das
Vice-Chancellor
West Bengal State University

Passages of Light



Our duty is to encourage every one in his struggle to live up to his own highest idea, and strive at the same time to make the ideal as near as possible to the Truth.

..... Swami Vivekananda