

# Ramakrishna Mission Vivekananda Centenary College

(Autonomous)

Rahara, North 24 Parganas, West Bengal : 700118



*Affiliated to West Bengal University*

**College with Potential for Excellence**

**RUSA-funded Institution**

**DST-FIST Awarded College**

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**Email : [rkmvcccollege@rkmvccrahara.org](mailto:rkmvcccollege@rkmvccrahara.org)**


**Report on workshops/seminars conducted on Research  
Methodology, Intellectual Property Rights (IPR), Entrepreneurship  
and Skill Development during the year 2018-2019**



  
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**Rahara, Kolkata-700 118**




The following is the Report on workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year 2018-2019:


Date	Title of the Seminar / Workshop	Speaker Details
13 <sup>th</sup> July, 2018	Workshop on Mathematics organized by Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Arijit Ganguly</b> , Post Doc Fellow, Tel Aviv University, Israel (Formerly Doctorate from TIFR)
Participants students, teachers and scholars: 65		
13 <sup>th</sup> July 2018	Seminar on ' <b>Recent Trends in Particle Physics</b> ' organized by Department of Physics, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Srimoy Bhattacharya</b> , IIT Guwahati
Participants students, teachers and scholars: 70 He discussed about the different trends in particle physics and it's utilities		
17 <sup>th</sup> July, 2018	Seminar on ' <b>Prokaryotes: the Origin of Life</b> ' organised by Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Alokemoy Basu</b> , ABN Seal College, Coochbehar
Participants students, teachers and scholars: 40 He discussed how the prokaryotic cell had originated and how life is originated from different molecules		
11 <sup>th</sup> August, 2018	Seminar on ' <b>World Elephant Day</b> ' organised by Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Sri Subrata Palchowdhury</b> , Forest Department, West Bengal
Participants students, teachers and scholars: 65 He discussed about the conservation of elephants in different sanctuary.		
		

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Date	Title of the Seminar / Workshop	Speaker Details
17 <sup>th</sup> August, 2018	Seminar on “ <b>Safety Drive in journey and Save Life</b> ”	<b>Sri Arnab Dutta</b> , OC, Dumdum GRP <b>Sri Ashesh Biswas</b> , IPS, Supdt. of Rlwy Police, Sealdah GRP <b>Sri Ananda Roy</b> , IPS, DCP, BKP Zone-N, Barrackpore Commisionerate <b>Sri Mrityunjoy Bannerjee</b> , IC, Khardah PS.
Participants: students, teachers and scholars: 150 They discussed about the methods and measures used to prevent road users from being seriously injured. Typical road users include pedestrians, cyclists, motorists, vehicle passengers, horse riders, and passengers of on-road public transport (mainly buses and trains).		
22 <sup>nd</sup> September, 2018	Seminar on ‘ <b>Diabetes</b> ’ Organized by The Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Partha Chakraborty</b> , IICB, Kolkata
Participants: students, teachers and scholars: 120 He discussed about the occurrence, symptoms, prevention and diagnosis of Diabetes. He also mentioned that diabetes is due to either the pancreas not producing enough insulin, or the cells of the body not responding properly to the insulin produced. Insulin is a hormone which is responsible for helping glucose from food get into cells to be used for energy.		
05 <sup>th</sup> October, 2018	Seminar on ‘ <b>A tale of Two Gases</b> ’ Organized by The Department of Chemistry, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Rahul Banerjee</b> , Associate Professor, Department of Chemical Science; Indian Institute of Science Education and Research (IISER), Kolkata, Shanti Swarup Bhatnagar Awardee
Participants students, teachers and scholars: 95 He discussed about history of innovation of the hydrogen and oxygen gas, how the whole chemistry lies between the different mechanism of these two gases.		
		



  
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Date	Title of the Seminar / Workshop	Speaker Details
06 <sup>th</sup> October, 2018	Seminar on ' <b>Genetics of Cancer</b> ' Organized by The Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Runa Sur</b> , Department of Biophysics and Molecular Biology, Calcutta University
Participants students, teachers and scholars: 87 She discussed about the occurrence and mechanism of different type of cancer and how this disease spread through generation to generation.		
24 <sup>th</sup> – 29 <sup>th</sup> December, 2018	<b>Mathematics Training and Talent Search (MTTS) Workshop</b> Organized by The Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Prof. Bhaba K. Sarma</b> , IIT Guwahati  <b>Dr. Joydeep Sengupta</b> , Aliah University  <b>Dr. Gayatri Panicar</b> , Post-Doc Fellow, IIT Kanpur  <b>Dr. Debopam Chakraborty</b> , Tezpur University
Participants students, teachers and scholars: 42		
13 <sup>th</sup> January, 2019	<b>Sparsha 2019</b> – a workshop on Ethics & Interdisciplinary Education towards Quality of Human Life organized in collaboration with The Zoological Society , Kolkata	<b>Swami Divyananda</b> , Secretary, Ramakrishna Mission Saradapitha <b>Basab Chaudhuri</b> , Hon'ble Vice Chancellor, WBSU <b>Shri Samaresh Parida</b> , CEO, SP Growth Consulting, Director IDBI Bank <b>Shri Amal Kumar Mukhopadhyay</b> , Noted Educationist, Former Principal, Presidency College <b>Shri Tushakanti Shil</b> , Chairman, West Bengal Council of Yoga & Naturopathy <b>Dr. Jhuma Basak</b> , Psychoanalyst & Assistant Professor of Psychology, NSHM Knowledge Campus <b>Smt. Urmimala Basu</b> , Noted Performing Artiste and Orator <b>Shri Debojyoti Mishra</b> , Distinguished Music Composer

  
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Date	Title of the Seminar / Workshop	Speaker Details
Participants teachers and scholars: 140		
		
14th January, 2019	Seminar on ' <b>Chemistry Today</b> ' organised by Department of Chemistry, Ramakrishna Mission Vivekananda Centenary College, Rahara in collaboration with Indian Chemical Society, Kolkata	<b>Dr. Swadhin K. Mandal</b> , (IISER, Kolkata), Shanti Swarup Bhatnagar Awardee in 2018 <b>Prof B. K. Banik</b> , Ph.D., C. Chem, FRSC Vice President of Research & Education Development of the Community Health Systems of South Texas. <b>Prof. Samaresh Bhattacharya</b> , FASc, WBAScT Department of Chemistry, Jadavpur University,
Participants: students, teachers and scholars: 120 They discussed about the different basic chemical science involved in our day to day life.		
		
22 <sup>nd</sup> -23 <sup>rd</sup> January, 2019	National Level Seminar on " <b>New methodology of NAAC assessment for quality enhancement in higher education institutes</b> " sponsored by NAAC, Bangalore	<b>Prof. Saugata Roy</b> , Hon'ble MP <b>B. S. Ponnudiraj</b> , Eastern Region Co-ordinator at NAAC & Deputy Adviser, NAAC <b>Mr. Prabir Das</b> , Member Secretary, WBCHE <b>Swami Bhudevananda</b> , Principal, Ramakrishna Mission Residential College, Narendrapur. <b>Prof. Saikat Mitra</b> , Vice Chancellor, Maulana Abul Kalam Azad University of Technology <b>Prof. Shital Kr. Chattopadhyay</b> , Dept. of Chemistry, Kalyani University

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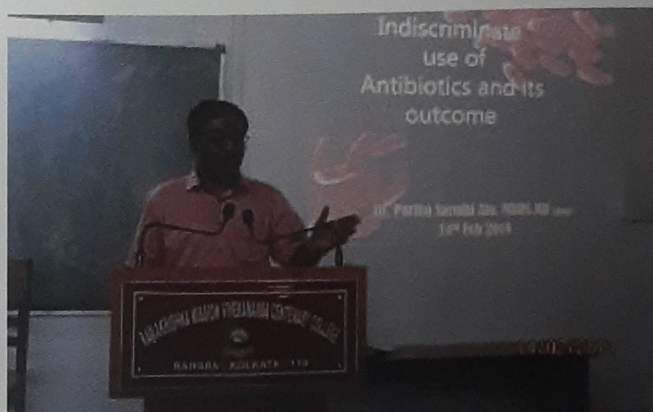
Date	Title of the Seminar / Workshop	Speaker Details
		<b>Prof. Sudeshna Purkayastha</b> , Professor, Dept. of History, Assam University <b>Dr. Sajal Dey</b> , Assistant Prof., Dept. of Russian Studies, The EFL University, Shillong Campus, Meghalaya.
Participants: students, teachers and scholars: 82		
		
4th February, 2019	Seminar on ' <b>Einstein's Gravity-gravitational lensing and gravitational waves</b> ' Organized by Department of Physics, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Prof. Somak Raychaudhury</b> , Director Inter-University Centre for Astronomy and Astrophysics
<div>  </div>		
Participants: students, teachers and scholars: 92 He discussed gravitational force and its application towards the environment		
5th February, 2019	Mathematical Workshop on <b>Isomorphism</b> , Organized by The Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Arijit Ganguly</b> , Department of Mathematics and Statistics IIT Kanpur
Participants students, teachers and scholars: 68		

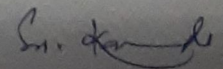
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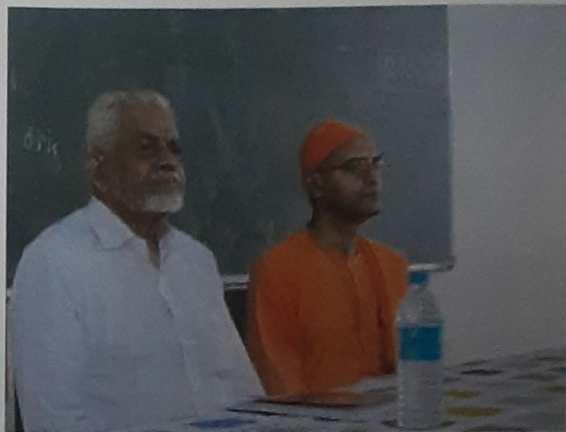



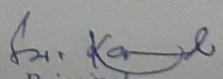
Date	Title of the Seminar / Workshop	Speaker Details
14 <sup>th</sup> February, 2019	Seminar on “ <b>Indiscriminate use of Antibiotics and its outcome</b> ”. Organized by The Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Parthasarathi Ain</b> , R.G. Kar Medicinal College Hospital, Kolkata
<p>Participants students, teachers and scholars: 52</p> <p>He discussed about the misuse or overuse of antibiotics, with potentially serious effects on health. He also mentioned about the factor to the development of antibiotic resistance, including the creation of multidrug-resistant bacteria, relatively harmless bacteria (such as <i>Staphylococcus</i>, <i>Enterococcus</i> and <i>Acinetobacter</i>) can develop resistance to multiple antibiotics and cause life-threatening infections</p>		
19 <sup>th</sup> February, 2019	Seminar on “ <b>Conservation and Bioprospecting of Medicinal Plants</b> ” Organized by The Department of Botany, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Mathew Dan</b> , Senior Scientist & Head, Plant Genetic Resource Division, Jawaharlal Nehru Tropical Botanic Garden & Research Institute
<p>Participants students, teachers and scholars: 68</p> <p>He discussed about the characteristics, utilities and conservation procedure of different medicinal plants.</p>		
23 <sup>rd</sup> and 24 <sup>th</sup> February, 2019	A national workshop on Mathematics “ <b>Analysis, Algebraic Geometry, Number Theory and Probability</b> ” Organized by The Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Prof. R. Kulkarni</b> , former President, The Indian Mathematics Consortium <b>Prof. D. K. Ganguly</b> , Vice President, Calcutta Mathematical Society <b>Prof. Karmeshu</b> , President, The Indian Mathematics Consortium <b>Prof. S. Chakraborty</b> , Jadavpur University <b>Prof. S. D. Adhikari</b> , Ramakrishna Mission Vivekananda Educational & Research Institute, Belur, <b>Prof. Shameek Paul</b> , Ramakrishna Mission Vivekananda Educational & Research Institute, Belur <b>Prof. A. Bhattacharjee</b> , Jadavpur





  
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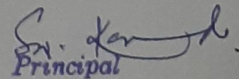


Date	Title of the Seminar / Workshop	Speaker Details
		University
<p>Participants students, teachers and scholars: 45 They discussed the different problem solving methods of analysis, algebraic geometry, number theory and probability.</p>		
		
25 <sup>th</sup> February, 2019	<b>Recent trends in Chemical Technology</b> organized by The Department of Chemistry, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Prof. Goverdhan Meheta</b> , Formal Director; Indian Institute of Science (IISC) Bangalore.
<p>Participants students, teachers and scholars: 68 He discussed about the trends and techniques which is used in recent research of chemical sciences</p>		
		
28 <sup>th</sup> February, 2019	Seminar on <b>Pollination Biology</b> organized by The Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Achintya Chattopadhyaya</b> , Zoological Survey of India
Participants students, teachers and scholars: 88		


  
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Date	Title of the Seminar / Workshop	Speaker Details
		
12 <sup>th</sup> March, 2019	Seminar on “ <b>Higher Education Scenario Globally: Present and Future</b> ” organized by The Department of Physics, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Mr. Sharad Vivek Sagar</b> , Founder and CEO of Dexterity Global
<p>Participants students, teachers and scholars: 112</p> <p>He discussed about the present scenario of higher education in Present India as well as whole world</p>		
		
13 <sup>th</sup> March, 2019	Seminar on ‘ <b>Advancement of Diarrhoeal Disease Research: Contributions by Dr. Shambhu Nath De</b> ’ organized by The Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Prof. Manoj Kumar Chakrabarti</b> , ICMR Emeritus Medical Scientist, Former Scientist G and Director (I/C), NICED (ICMR), Kolkata, General President, Indian Science Congress

  
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Date	Title of the Seminar / Workshop	Speaker Details
<p>Participants students, teachers and scholars: 76</p> <p>He discussed briefly about the occurrence, epidemiology, symptom, mode of action of diarrhoea and diarrhoea causing organisms and also the advancement of the disease and the contribution of Dr. Shambhu Nath De for the identification of causative agent of this disease.</p>		
		
16 <sup>th</sup> & 17 <sup>th</sup> April, 2019	Workshop on <b>Cheminformatics in Drug Discovery and Research</b> organized by The Department of Chemistry, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Jitesh Doshi,</b>
Participants students, teachers and scholars: 54		
17 <sup>th</sup> April, 2019	Seminar on ' <b>Pollination Biology</b> ' Organised by Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Parthib Basu,</b> Department of Zoology & Centre for Pollination Studies, University of Calcutta
Participants students, teachers and scholars: 56		
17 <sup>th</sup> & 18 <sup>th</sup> April, 2019	<b>Bioinformatics Workshop</b> for Biological Science organized by The Department of Microbiology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Dr. Jitesh Doshi,</b>
Participants students, teachers and scholars: 31		
18 <sup>th</sup> April, 2019	Seminar on ' <b>Pollination in Mangrove Ecosystem</b> ' Organised by Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Prof. Punarbasu Chaudhuri,</b> Head, Department of Environmental Science, University of Calcutta.
Participants students, teachers and scholars: 45		
16 <sup>th</sup> May, 2019	<b>Career Counseling Workshop:</b> An interactive session with UG passed	<b>Sri Ambarish Dasgupta,</b> former Head in PWC & KPMG

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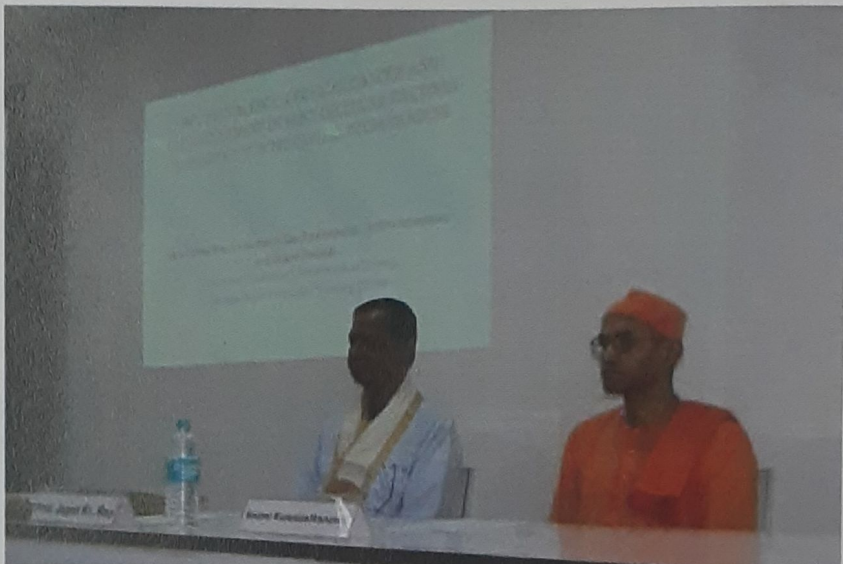


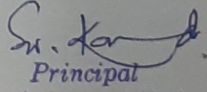
Date	Title of the Seminar / Workshop	Speaker Details
	out students of our college	
<p>Participants students, teachers and scholars: 118</p> <p>He discussed about how to prepare himself for any kind of job interview and competitive examination.</p>		
		
20 <sup>th</sup> May, 2019	Workshop on ' <b>MOODLE</b> ' for Teachers & Staff Members	<b>Dr. Soumya Pal &amp; Mr. Boudhayan Bhattacharjee,</b> Brainware University
Participants teachers and scholars: 42		
21 <sup>st</sup> May, 2019	Seminar on " <b>Machine Learning Techniques for Medical Image Analysis and Visualization</b> "	<b>Speaker: Prof. Amlan Chakraborti,</b> ACM Distinguished Speaker; Dean, Faculty of Engineering and Technology; Director, A.K. Choudhury School of Information Technology, University of Calcutta
<p>Participants students, teachers and scholars: 38</p> <p>He discussed briefly about the various machine learning techniques for the medical image analysis.</p>		
		
7 <sup>th</sup> June, 2019	Seminar on " <b>HPV Prevalence, Cervical Cancer &amp; the Involvement of Host Cellular factors: A Cohort Study in the</b>	<b>Prof. Jagat Kumar Roy</b> Professor & Head, Dept of Zoology, Banaras Hindu University, (BHU), Varanasi

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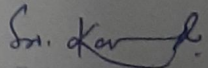


Date	Title of the Seminar / Workshop	Speaker Details
	<b>Eastern Uttar Pradesh”</b> organised by Department of Zoology, Ramakrishna Mission Vivekananda Centenary College, Rahara	
Participants students, teachers and scholars: 54		
		
14 <sup>th</sup> June, 2019	Seminar on <b>“Condensed Matter”</b> organised by Department of Chemistry, Ramakrishna Mission Vivekananda Centenary College, Rahara	<b>Prof. Pinaki Majumdar</b> , Director; Harish-Chandra Research Institute, Prayagraj (Allahabad)
Participants students, teachers and scholars: 68 He discussed about detailed on condensed matter.		
14 <sup>th</sup> June, 2019	Seminar on <b>“Intellectual Property Right in Science &amp; Technology”</b>	<b>Dr. Dhananjay Saha</b> , Former Patent Officer, Govt. of India

  
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Date	Title of the Seminar / Workshop	Speaker Details
Participants teachers: 44		
17 <sup>th</sup> June, 2019	<p><b>Workshop on Popular Science Writing under AWSAR Program</b></p> <p>Jointly organized by the Department of Science and Technology (DST) and Vigyan Prasar (VP) in collaboration with Ramakrishna Mission Vivekananda College, Kolkata</p>	<p><b>Dr. Nakul Parashar</b>, Director, Vigyan Prasar</p> <p><b>Dr. Rintu Nath</b>, Scientist - F and Head, Publications and Information Technology Group, Vigyan Prasar, Department of Science and Technology, Govt. of India</p> <p><b>Prof. Saurav Pal</b>, Director, IISER Kolkata</p>
Participants students, teachers and scholars: 47		
20 <sup>th</sup> June, 2019	<p>Seminar on <b>“The Chemical Bond”</b></p> <p>Organised by Department of Chemistry, Ramakrishna Mission Vivekananda Centenary College, Rahara</p>	<p><b>Prof. N. Sathyamurthy</b>, Former Director Indian Institute of Science Education and Research (IISER), Mohali and Bhatnagar Awardee</p>

  
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Date	Title of the Seminar / Workshop	Speaker Details
		<p>Participants students, teachers and scholars: 68  He discussed about the whole chemistry behind the chemical bonding</p>

  
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