

NATIONAL WEBINAR

ON

MICROBIOLOGY & THERAPEUTICS

ORGANISED BY P.G DEPT. OF BOTANY, DHENKANAL AUTONOMOUS COLLEGE, DHENKANAL IN ASSOCIATION WITH MICROBIOLOGISTS SOCIETY, INDIA

CERTIFICATE OF PARTICIPATION

This is to certify that **Dr. Subrata Kundu, Assistant Professor in Microbiology , Ramakrishna Mission Vivekananda Centenary College** has participated in the National Webinar on "*MICROBIOLOGY & THERAPEUTICS*" held on 29th December, 2020.



Dr. A. K. Khillar Convener

Dr. Debaraj Parida Organising Secretary

Dr. (Smt) Rashmi Mishra Patron & Principal

Prof. N. Behera President, MSI (Odisha)

IKKB0W-CE000166

MICROBIOLOGIST SOCIETY, INDIA.



Vihaan Life Science and Research Centre (VLSRC)

National Webinar

on "Health Benefits of Mushroom" CERTIFICATE

This is to certify that **Dr**. Subrata Kundu of Ramakrishna Mission Vivekananda Centenary College has successfully attended/participated in the National Webinar on "Health Benefits of Mushroom" organized on 21st April 2021. We appreciate his / her presence.

Dr. S.A. Bhutada Organizing Secretary



Dr. A.M. Deshmukh President, Microbiologist Society







Dertificate 🙈

This is to certify that

Dr. Subrata Kundu

Ramakrishna Mission Vivekananda Centenary College has *participated* in the **International Virtual Conference on Frontiers in Biological Research** from Feb 15th to 21st, 2021 organised by Department of Botany, St. Joseph's College (Autonomous), Tiruchirappalli and The Biomics, Bengaluru.





K. Raian

Organising Secretary

Principal SJC, Trichy, TN

https://www.thebiomics.com/node/341



Dr. Harshwardhan **Pro-Vice Chancellor, Development** AKS University, Satna (MP)

21 Century **Biotechnology**

nnovate by Advanced Biotechnology Learnin

C-Refresher

Course



P9P1

https://ebiotechcourse.aksuniversity.ac.in/

Certificate of Participation This certifies that

Dr. Subrata Kundu, Faculty, Ramakrishna Mission Vivekananda Centenary

College has successfully participated in a Workshop on **Probiotics and Immune System**

Dated:

03 Oct. 2020

Prof. Shivesh Pratap Singh Course Co-Chairman, e-Refresher Course Secretary, NASI-Bhopal Chapter Department of Zoology, Govt. PG College, Satna (MP) India

Prof. Kamlesh Choure Course Convener&Coordinator. e-Refresher Course Head, Department of Biotechnology, AKS University, Satna (MP) India





Mehr Chand Mahajan DAV College for Women Sector 36-A, Chandigarh (U.T.)

e-Certificate



Dr. Subrata Kundu

Ramakrishna Mission Vivekananda Centenary College

participated in International Virtual Seminar on "Emerging Strategies in

the fight against COVID - 19 and other contagions" organized by Dept. of

Food Science in collaboration with Microbiologists Society, India (MSI) on

of

Dr. Vandana Sharma Coordinator

12 January 2021.

Dr. Nisha Bhargava Convener & Principal

RAMAIAH College of Arts, Science & Commerce



(Re-accredited "A" by NAAC. Affiliated to Bengaluru Central University, Approved by AICTE, Recognized by UGC under 2(f) and 12 B of UGC Act 1956)

MSR Nagar, Bengaluru - 560 054

Department of Microbiology

CERTIFICATE OF PARTICIPATION

This is to certify that **DR. SUBRATA KUNDU** from **RAMAKRISHNA MISSION VIVEKANANDA CENTENARY** has **COLLEGE** participated in the International Webinar on "Advances in **Microbiological Research**" held from 17th to 20th August, 2020 organized by the Department of Microbiology, Ramaiah College of Arts, Science and Commerce, MSR Nagar, Bengaluru - 560 054.



Junpa. It

Dr. Pushpa H. Head of the Department



Dr. A. Nagarathna Principal, RCASC



GURU NANAK SEWA SAMITI, WIRURS' GURU NANAK COLLEGE OF SCIENCE BALLARPUR DIST. CHANDRAPUR - 442701 Affiliated to Gondwana University, Gadchiroli. Re-accreditated by NAAC with 'B' Grade



THIS IS TO CERTIFY THAT

DR. SUBRATA KUNDU

RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE, RAHARA

HAS ATTENDED THE ONE DAY **INTERNATIONAL CONFERENCE ON METABOLOMICS OF CANCER** ORGANISED BY THE **DEPARTMENT OF MICROBIOLOGY & BIOTECHNOLOGY**, GURU NANAK COLLEGE OF SCIENCE, BALLARPUR, DIST.-CHANDRAPUR-442701, MS(INDIA) ON 27 MARCH 2021.

DR. PRAFULLA KATKAR CONVENOR, ICMC 2021

MM MM

DR. B. M. BAHIRWAR PRINCIPAL





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	AFFILIATED TO WEST BENGAL STATE UNIVERSITY NAAC ACCREDITTED				
IADUNATH SARBOBHOUMA LANE, NEAR KALI TEMPLE, COLLEGE PARA, DAKSHINESWAR, KOLKATA, WEST BENGAL 700035					
Certificate of Participation					
	THISIS TO CERITIFY DR./MR./MS. Ramakrishna Mission Vivekananda Con	tenary College (Autono	Dr. Harisankar Dey	8	
OF Ramakrishna Mission Vivekananda Centenary College (Autonomous), Rahara, Kolkata-118 HAS SUCCESSFULLY PARTICIPATED IN THE INTERNATIONAL WEBINAR					
"BIOSORPTION OF PHARMACEUTICAL CONTAMINANTS FROM AQUEOUS SYSTEM UTILISING ADSORBENT PREPARED FROM					
AGRICULTURAL WASTE & URBAN FORESTS AND HUMAN WELL BEING" ON 22ND AUGUST 2020, ORGANIZED BY					
DEPARTMENT OF BOTANY IN COLLABORATION WITH IQAC					
HIRALAL MAZUMDAR MEMORIAL COLLEGE FOR WOMEN.					
Markushai	i Das Ring	9UL	Somewheel	pilm 1	
DR. MADHUS		DR. RUPA SEN	DR. SOMA GHOSH PRINCIPAL	SHRI.MADAN MITRA	
DEPARTMENT O		IQAC COOKDIMATOK	HMM COLLEGE FOR WOMEN	HIMM COLLEGE FOR WOMEN	
2 Dag					
The second				GUST	
CERTIFICATE NO.: HMMCW/22802020/BOPR68					



International Webinar On

'Multi-omics approaches for sustainable Health and Agriculture'

Certificate of Participation

This Certificate is awarded to Dr. Harisankar Dey of Ramakrishna Mission Vivekananda Centenary College, Kolkata For participating in the International Webinar on 'Multi-omics approaches in sustainable Health and Agriculture' organized by Centre of Excellence in Integrated Omics and Computational Biology

(CoE-IOCB), Utkal University on 21st December 2021.



Coordinator CoE-IOCB Utkal University Cocoordinator CoE-IOCB Utkal University



TWO-DAY INTERNATIONAL WEBINAR ON

"SUSTAINABILITY AMIDST THE COVID-19 PANDEMIC"





has successfully participated in "Two-Day International Webinar on Sustainability Amidst The Covid-19 Pandemic", jointly organised by Department of Botany and Department of Zoology in Association with IQAC, Charuchandra College, Kolkata, West Bengal, India held on 12th and 13th August, 2020 from 6:30pm to 8:30pm (IST).

Show

Prof. Anuradha Ghosh Teacher-in-Charge Charuchandra College

Sn man ha

Dr. Suman Das Jt. Convener [Head, Dept. of Botany Charuchandra College]

Kausiki Chakrabanfi

Dr. Kaushiki Chakrabarti Jt. Convener [Head, Dept. of Zoology Charuchandra College]

Suparna

Dr. Suparna Sen Co-ordinator, IQAC Charuchandra College



NATIONAL WEBINAR 2020

"Taxonomy- What, Why and How?"



Organized by: Department of Botany and IQAC, Dhruba Chand Halder College



This is to certify that

Anirban Kundu

of R.K.M.V.C. College

has participated in the "National Webinar 2020, Taxonomy- What, Why and How?" organized by department of Botany and IQAC, Dhruba Chand Halder College on 20th August, 2020.

Dr. Satyabrata Sahoo (Principal)

Mobina Poween

Dr. Mobina Parveen (Convenor)

Sudahehira lergupta

Prof. Sudakshina Sengupta (Coordinator, IQAC)

BIDHANNAGAR COLLEGE

(Govt. of West Bengal)

PG Department of Botany

&

Internal Quality Assurance Cell (IQAC)

jointly organized State level Webinar

JOURNEY TO THE SOLAR SYSTEM AND BEYOND

By Dr. Debiprosad Duari Director, M.P. Birla Institute of Fundamental Research, M.P. Birla Planetarium

Certificate

This is to certify that Dr. Anirban Kundu of R.K.M.V.C. College, Rahara has participated in the

State level Webinar on 'Journey to the Solar System and Beyond' held on 21st August, 2020.

Santam Saha

Convener Head, PG Department of Botany, Bidhannagar College

Bharati Mukihupadhyay

Organizing Secretary IQAC Coordinator Bidhannagar College

Principal Bidhannagar College

DARJEELING GOVERNMENT COLLEGE

DARJEELING, WEST BENGAL, INDIA



This is to certify that

Dr. Anirban Kundu

of Department of Botany, R.K.M.V.C. College, Rahara has participated in the International Webinar on Neoteric Approaches in Applied Sciences jointly organized by UG & PG Department of Botany and Department of Physics in collaboration with IQAC, Darjeeling Government College on 24th and 25th August, 2020.

Patron, Organizing Committee (Officer-in-Charge, Darjeeling Government College)

Arie Onit

Convener, Organizing Committee (Head, UG & PG Department of Botany, Darjeeling Government College)

Certificate ID: DGCNAAS334



DINABANDHU ANDREWS COLLEGE **KOLKATA, WEST BENGAL, INDIA** (NAAC ACCREDITED)

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Anirban Kundu, Assistant Professor, R.k.m.v.c. College, Rahara

has actively participated in the one day International Webinar on "Science, Biology and the World's Future" organised by the Department of Botany in collaboration with Internal Quality Assurance Cell (IQAC), Dinabandhu Andrews College on 25th August, 2020.

Dr. Somnath Mukhopadhyay Principal

Amitabha Poj

Dr. Amitabha Roy Coordinator, IQAC

Mithme R f

Dr. Mithun Maji Head, Dept. of Botany

DAC/IQAC/BOT/ IW10547



Dr. Joy Sarkar Convenor

a Obert

Prof. Bruce Alberts (Speaker)

International Webinar

Surviving in a Covid World : Major Issues in India Organized by Barasat Government College

NAAC Accredited with 'A' Grade & DST-FIST Sponsored College

Certificate for Participation

Convenor

Dr Chandan Surabhi Das



Dr Debesh Roy, WBSES Professor and Principal







JHARGRAM RAJ COLLEGE

Jhargram College Rd, Jhargram, 721507, West Bengal

CERTIFICATE OF PARTICIPATION

DBT Sponsored Webinar
BEGINNERS' BIOINFORMATICS

This is to certify that

Anirban Kundu of Department of Botany, R K.M.V.C. College, Rahara

Successfully participated in the Webinar, titled "Beginners' Bioinformatics" organised by Department of Botany, Jhargram Raj College on 24th September, 2020.

Dr. Debnarayan Roy Principal/Officer-in-Charge Jhargram Raj College

apas Kumar Adalder

Dr. Tapas Kumar Adalder Coordinator DBT Star College Programme Jhargram Raj College

abhijil dated

Dr. Abhijit Datta Convenor Department of Botany Jhargram Raj College

Certificate Id: PMV/WC/2020/517

Date : 08/10/2020



PANIHATI MAHAVIDYALAYA

Barasat Road, Sodepur, Kolkata-700110,West Bengal Organized

State Level Webinar

On

Leave Rules and Health Schemes For College Teachers In West Bengal

Certificate of Participation

This is to certify that **Dr. ANIRBAN KUNDU of Ramakrishna Mission** Vivekananda Centenary College has participated in the State Level Webinar on "Leave Rules and Health Schemes For College Teachers In West Bengal" held on 4th October,2020.

Dr. Mukti Ganguly Principal Panihati Mahavidyalaya

Knishna Ghosh

Dr. Krishna Ghosh Convenor

Sonia Bhattacharya

Mrs. Sonia Bhattacharya **Joint Convenor**



No. VP/SCOPE-Bangla/Sci. Comm. Conf. 22/2021/NBSC009

13th May 2022

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms./

Dr. Anirban Kundu from Ramakrishna Mission Vivekananda Centenary

College attended two day National Bangla Science Communicators'

Conference 2022 at IICB-Jadavpur Campus, Kolkata during 29-30 April

2022.

Rich. Nott

Dr. Rintu Nath Scientist 'F' VIGYAN PRASAR



प्रथम तल, ब्लॉक-॥, टेक्नोलॉजी भवन, न्यू महरौली मार्ग, नई दिल्ली-110 016 1" Floor, Block-II, Technology Bhavan, New Mehrauli Road, New Delhi-110 016 शाखा कार्यालय : ए–50, इंस्टीट्यूशनल एरिया, सेक्टर–62, नोएडा–201309 (उ.प्र.) दूरभाष (Tel.) : +91-11-26511207, 21043

ई-मेल(E-mail) : info@vigyanprasar.gov.in तेन्द्रपाटन (Mehsite) : https://www.vigyanprasar.gov.in



Certificate ID: PMV/IQAC/202002/515

Date of Issue: 11.08.2020

PANIHATI MAHAVIDYALAYA

Barasat Road, Sodepur, Kolkata-700110

State Level Webinar

0

"Promotional Scheme of College Teachers"

organized by IQAC, Panihati Mahavidyalaya

Certificate of Participation

This is to certify that Prof./Dr./ Mrs./Ms./Mr. BISWAJIT ROY

of

RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE

has participated in the State Level Webinar on "Promotional Scheme of College Teachers" held on 9th August, 2020.

Dr. Mukti Ganguly Principal

Panihati Mahavidyalayz

Harry

Dr. Mau Sinha Roy IQAC Coordinator Panihati Mahavidyalaya

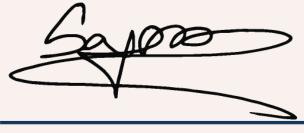
Dr. Laxmi Narayan Saha Convenor



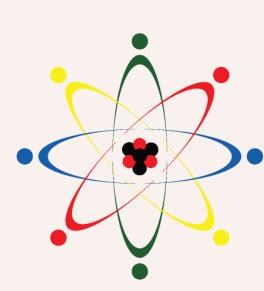
This is to certify that

Dr. Anirban Bhar

has participated in the virtual seminar on the production of 4th generation biofuels entitled "Microalgal Cell Factories, the Fourth Generation Perspective for Industrial Biofuels" by Pavan Jutur, PhD Date: 04-07-2020



Host

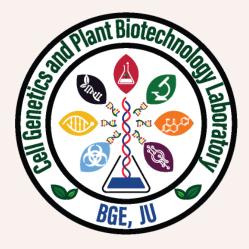


Organized By



Anstohael

Event Chair





Two days National Webinar PLANT RESEARCH IN WELFARE OF HUMAN BEING

Jointly Organized by

Department of Botany, South Calcutta Girls' College & Dinabandhu Mahabidpalapa

Certificate of Participation

Mr. BASUDEV MURMU

This is to certify that. of RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE, has Batticipated th Two days National Level Webinar entitled "PLANT RESEARCH IN WELFARE OF HUMAN BEING" jointly organized by Department of Botany, South Calcutta Girls' College & Dinabandhu ahavidyalaya on 17th & 18th of July, 2020.

Principal & Secretary South Calcutta Girls' College

Principal Dinabandhu Mahavidyalaya

XXIUM4-CE000110



DUM DUM MOTIJHEEL COLLEGE

(Affiliated to West Bengal State University) 1, Motijheel Avenue, Kolkata-74, West Bengal, India

 This is to certify that
 Dr. Anirban Kundu,
 Assistant Professor of Botany

 R.K.M.V.C. College, Rahara, West Bengal
 has actively participated in the one day

 International Webinar on "Health Issues and Approaches in Pandemic Situation" organised by the Dept. of Botany in association

 with IQAC and Seminar Committee of Dum Dum Motijheel College, Kolkata , West Bengal, India on 22 nd September, 2020.

Dr. Pradeepta GuptaRoy Principal, DDMC

Dr. Santosh Kr. Rov Co-ordinator, IQAC, DDMC

Dr. Pranab Giri Convener, DDMC

Dr. Kausik Ray TCS, DDMC

Ratan Mattachar

Dr. Ratan Bhattacharjee Jt. Convener, Seminar Committee, DDMC

Certificate of Participation

Dr. Haradhan Saha Organising Secretary, DDMC



One Day National Webinar

Perspective of Present Environmental Scenario A Tribute to Sundarlal Bahuguna on the

Organized by: Department of Botany, Malda College, Malda *Date: 5th June, 2021*



Certificate of Participation

Mission Vivekananda Centenary College has participated in the One Day National This is to certify that Dr. Anjan Kumar Chandra, Assistant Professor, Ramakrishna Webinar on "A Tribute to Sundarlal Bahuguna on the Perspective of Present Environmental Scenario" held on 5th June, 2021 through Google Meet.



Dr Somnath Roy Organizing Secretary & Head of Department



Dr Md Masidur Alam Joint Convener



Convener



Dr Manas Kr Baidya Chairperson Principal, Malda College



Certificate of Attendance



This is to certify that

Dr Anjan Kumar Chandra, Assistant Professor Ramakrishna Mission Vivekananda Centenary College has attended the webinar, titled "Our Knowledge of this Universe -Director, Indian Centre for Space Physics, Kolkata, Indian Centre for Space Physics, Malda Branch Department of Physics, Malda College, Malda What is Achieved and What is Achievable" Prof Sandip Kumar Chakrabarti, jointly organized by presented by and

Dr Uttam Kr Sarkar Head of the Department Dept.of Physics Malda College

Aletterie

held on 25.06.2021.

Prof(Dr) Achintya Kr Čhatterjee President

Indian Centre for Space Physics Malda Branch

S

Dr Manas Kr Baidya Principal

Malda College Malda

MAHADEVANANDA MAHAVIDYALAYA Monirampore, Barrackpore, North 24 Parganas

This is to certify that Sougata Sarkar of Ramakrishna Mission Vivekananda Centenary College, Rahara has participated in the One-Day National Level Webinar titled "Metal-Organic Frameworks (MOFs) for Energy and Environment Related Applications" organised by the Department of Chemistry and IQAC, Mahadevananda Mahavidyalaya on June 27, 2020.

Dr. Madhusudan Mandal, Convener & HoD, Dept. of Chemistry, Mahadevananda Mahavidyalaya.

Sravasti Chattopadhyay, IQAC Co-ordinator, Mahadevananda Mahavidyalaya.



Dr. Nayan Kumar Sarkar, Principal, Mahadevananda Mahavidyalaya.



Dr. Subhabrata Banerjee, Associate Professor of Ramakrishna Mission V. C. College, Rahara

has participated in One-day International Webinar on *"Chemistry in Medicines and Diagnostics: A Pandemic Perspective"* organised by the Department of Chemistry of Vivekananda Satavarshiki Mahavidyalaya on 8th July, 2020.



Dr. Uma Bhaumik Principal



Mahua Gato

Dr. Mahua D. Ganguly Coordinator

apas Kum Das

Prof. Tapas Kr. Das Coordinator



ACHARYA JAGADISH CHANDRA BOSE COLLEGE

1/1B, A. J. C. Bose Road, Kolkata - 700 020, West Bengal, India (Affiliated to University of Calcutta & Recognized by **NCTE**, **NAAC** Accredited)



Organized by The Department of Chemistry in collaboration with IQAC & Indian Chemical Society

Certificate of Participation

This is to certify that Dr. SOUGATA SARKAR, Assistant Professor of RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE, RAHARA, participated in the Webinar held on 15th, 16th and 17th July, 2020, from 6:00P.M. to 8:00P.M.

Kinshull Barringe

Dr. Kinshuk Banerjee Convener

5. Uhni

Dr. Shampa Khasnobis Coordinator, IQAC

posocate

Dr. Purna Chandra Maity Principal INTERNATIONAL WEB CONFERENCE ON "CHALLENG **OPPORTUNITIES IN CHEMISTRY TOWARDS SUSTAINABLE** ENVIRONMENTAL DEVELOPMENTS



CERTIFICA OF PARTICIPATION

This is to certify that SOUGATA SARKAR

Of RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE,

Successfully participated in the International web conference entitled "Challenges and Opportunities in Chemistry towards Sustainable Environmental Developments" Jointly organized by the Department of Chemistry, Bhairab Ganguly College and CSIR-National Environmental Engineering Institute, Nagpur on 17-18th, July, 2020.











Dr. Subhendu Dhara

Dr. Sanjit Kumar Das Principal Bhairab Ganguly College

- Dr. Rita Dhodapkar Coordinator **CSIR-NEERI**
- Coordinator **CSIR-NEERI**

Organizing Secretary Bhairab Ganguly College Bhairab Ganguly College

Convener

LADY BRABOURNE COLLEGE P-1/2, Suhrawardy Avenue, Kolkata - 700017

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Supratim Suin, Assistant Professor of Ramakrishna Mission Vivekananda Centenary College has participated in the webinar on "Recent Advances in Chemical Sciences - II", organized by the Post Graduate Department of Chemistry, Lady Brabourne College, on 18th July, 2020. Thanks for the active participation.

Is arkar

Lady Brabourne College

Prof. Siuli Sarkar Principal, Lady Brabourne College

Pleargue

Dr. Papia Ganguly Head, Department of Chemistry

LADY BRABOURNE COLLEGE P-1/2, Suhrawardy Avenue, Kolkata - 700017

CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Subhabrata Banerjee, Associate Professor of Ramakrishna Mission V. C. College, Rahara has participated in the webinar on "Recent Advances in Chemical Sciences - II", organized by the Post Graduate Department of Chemistry, Lady Brabourne College, on 18th July, 2020. Thanks for the active participation.

Is arkar

Lady Brabourne College

Prof. Siuli Sarkar Principal, Lady Brabourne College

(sargue

Dr. Papia Ganguly Head, Department of Chemistry

National Webinar on

"Aspects of Material Chemistry in Modern Times"

Organized by



Department of Chemistry, PRESIDENCY UNIVERSITY, KOLKATA 73, INDIA

Certificate of Participation

This is to certify that Dr Sougata Sarkar, Assistant Professor, Ramakrishna Mission Vivekananda Centenary College, Rahara has successfully participated in One Day National Webinar on "Aspects of Material Chemistry in Modern Times", organized by the Department of

Chemistry, Presidency University, Kollpata on 21st July 2020.



Prof. B. Das Joint Secretary

Dr. P. Sasikumar Convenor Dr. A. Bose Joint Convenor One Day National Webinar

- দীনবন্ধু -বিদায়াহমতমশ্রমে

হাবিদ্যাল

Certificate ID: IDLAUC-CE000095

Dipak Kr. Saha & Dr. Puja Paul

Convenors

Puja Paul

"Exploring Recent Advancement in Organic and Environmental Chemistry: Scope and Prospect"

Organised by Department of Chemistry & IQAC, Dinabandhu Mahavidyalaya, Bongaon, 24 PGS (N)

Certificate of Participation

Dr. Biswajit Ghosh

Principal, DBM, Bongaon

This is to certify that SOUGATA SARKAR of RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE, RAHARA

has participated in the one day national webinar entitled "Exploring Recent Advancement in Organic and Environmental Chemistry: Scope and Prospect" Organised by Department of Chemistry & IQAC, Dinabandhu Mahavidyalaya, Bongaon, 24 PGS (N) on 25 th July, 2020.



BANWARILAL BHALOTIA COLLEGE GOVT. SPONSORED UG & PG COLLEGE (Affiliated to KNU) USHAGRAM, ASANSOL, WEST BENGAL, INDIA

One day International Webinar on

"Challenges and Conquest Strategies in the 'New Normal'

Global Scenario"

Certificate of Participation

BANWARILAL BHALOTIA COLLEGE DEPARTMENT OF CHEMISTRY

July 30, 2020

This is to Certify that Dr. BUDDHADEB DUTTA

Of Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata-700118, West Bengal, India

Has participated in the One Day International Webinar 'CHEMSPIRATION 2020' organised by Department of Chemistry, under the aegis of IQAC, Banwarilal Bhalotia College Asansol, West Bengal India on 30th July, 2020.



Dr. Binita Dutta Convenor Chemspiration 2020

Chemspiration 2020

Dr Jyotirmoy Ghosh Co-ordinator.

Dr K.K.Dey IQAC Coordinator Chemspiration 2020

2.02

Dr Amitava Basu Principal, B.B.College Chemspiration 2020 Certificate ID: PMV/IQAC/202001/092



Date of Issue: 04.08.2020

PANIHATI MAHAVIDYALAYA

Barasat Road, Sodepur, Kolkata-700110

State Level Webinar

Covid 19: Modelling Perspective and the Change in Scenario of the Mode of Transmission

(An Awareness Programme for Students, Faculty, and Staff) organized by

IOAC, Panihati Mahavidyalaya

Certificate of Participation

This is to certify that Prof./Dr./ Mrs./Ms./Mr. BUDDHADEB DUTTA Ramakrishna Mission Vivekananda Centenary College, Rahara has participated in the State Level Webinar on "Covid 19: Modelling Perspective and the Change in Scenario of the Mode of Transmission" held on 2nd August, 2020.

Jange?

Dr. Mukti Ganguly Principal Panihati Mahavidyalaya Hang

Dr. Mau Sinha Ray **IQAC** Coordinator Panihati Mahavidyalaya

Sublith Sale.

Dr. Subhajit Saha Convenor

National Webinar lecture 2020 Entropy: Classical and Statistical Perspectives

Organized by: Department of Chemistry, Dhruba Chand Halder College In collaboration with: IQAC, Dhruba Chand Halder College

OF PARTICIPATION

This is to certify that

Dr. Subhabrata Banerjee

of Ramakrishna Mission V. C. College, Rahara

has participated in the "National Webinar Lecture 2020, "Entropy: Classical and Statistical Perspectives" organized by Department of Chemistry, in collaboration with IQAC, Dhruba Chand Halder College on 3rd August, 2020.

Dr. Satvabrata Sahoo (Principal)

Dr. Partha Biswas (Convenor)

Sudahehira lergupta

Prof. Sudakshina Sengupta (Coordinator, IQAC)





Maulana Azad College (Estd. 1924) NAAC Accredited "A" Grade College 8, Rafi Ahmed Kidwai Road Kolkata – 700013, W.B., India

Affiliated to the University of Calcutta

Asutosh College (Estd. 1916) NAAC Accredited "A" Grade College 92, Shyamaprasad Mukherjee Road Kolkata – 700026, W.B., India



Certificate of Participation

This is to certify that		DR SUPRATIM	SUIN	of
	RAMAKRISHNA MISSIC	ON VIVEKANANDA CENT	ENARY COLLEGE	
has participated on	04/08/	2020,05/08/2020,06/08/20	20,07/08/2020	
in the Four-Day National W				(Hons.), CBCS Syllabus,
University of Calcutta, jointly	organized by the Dept	. of Chemistry & IQAC, M	laulana Azad College an	d the Dept. of Chemistry &
IQAC, Asutosh College, in co	llaboration with UG Boa	ard of Studies, University	of Calcutta from 4th – 7t	h August, 2020 (3-5 P.M.)
k	Ang	Ch	Keys Ghosh	Gunkeherge
Principal	Vice Principal	Chairman	Jt. Convener	Jt. Convener
Maulana Azad College	Asutosh College	UG Board of Studies Chemistry, CU	Asutosh College	Maulana Azad College





One Day State Level Webinar On : "Organic Reactions in Water"

Organised by Department of Chemistry & IQAC, Rishi Bankim Chandra College, Naihati, North 24 Parganas

<u>Certificate of Participation</u>

This is to certify that DR SOUGATA SARKAR of RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE, RAHARA has participated in the one day state level webinar entitled "Organic Reactions in Water" organised by Department of Chemistry & IQAC, Rishi Bankim Chandra College, Naihati, North 24 Parganas on 4th October, 2<u>020</u> from 6PM to 8PM.



D. Miha Pesuse

Dr. Debolina Mitra & Chinmoy Biswas Jt. Convener

28-1

Dr. Sanjib Kumar Saha Principal, RBCC, Naihati



Bidhan Chandara College

Govt. Sponsored & NAAC Accredited Estd: 1961 Affiliated to Kazi Nazrul University

One-Day International Webinar on Geometry and Number Theory

 Institute
 International Webinar on "Geometry and Number Theory"

 organized by the Department of Mathematics, Bidhan Chandra College, Asansol, West Bengal, on 28th of August, 2020.

Dr. Santu Dey CONVENER Dept. Of Mathematics

Indiperan Mondal

Shri Indubaran Mandal Convener and HOD Dept. Of Mathematics

(-afini hope Immg

Dr. Falguni Mukhopadhyay Principal BIDHAN CHANDRA COLLEGE ASANSOL

National Webinar on Coping with Depression and Suicide Prevention in Covid Scenario







organized by NSS Unit I and II, Gurucharan College in association with Rotary District 3240 and IQAC, Gurucharan College

Certified that

Dr. Partha Ray an Assistant Professor of Ramakrishna Mission Vivekananda Centenary College

has participated in the "National Webinar on Coping with Depression and Suicide Prevention in Covid Scenario" organized by NSS Unit I and II, Gurucharan College in association with Rotary District 3240 and IQAC, Gurucharan College on 10th September 2020.

Certificate ID : 58ZDLE-CE000020

Dr. Bibhas Deb Principal Gurucharan College

Dr. Rajasree Paul Coordinator IQAC Gurucharan College

Naidul M. Das

Dr. Mridul Mohan Das Convener Certificate Id: PMV/WC/2020/266

Date : 08/10/2020

20

PANIHATI MAHAVIDYALAYA

Barasat Road, Sodepur, Kolkata-700110,West Bengal Organized

State Level Webinar

On

Leave Rules and Health Schemes For College Teachers In West Bengal

Certificate of Participation

This is to certify that **Dr. PARTHA RAY of Ramakrishna Mission Vivekananda Centenary College** has participated in the **State Level Webinar** on "Leave Rules and **Health Schemes For College Teachers In West Bengal**" held on **4th October,2020**.

Dr. Mukti Ganguly Principal Panihati Mahavidyalaya

Knishna Ghosh

Dr. Krishna Ghosh Convenor

Sonia Bhattacharya

Mrs. Sonia Bhattacharya **Joint Convenor**

Sreegopal Banerjee College

Bagati, Mogra, Hooghly, Pin-712148, West Bengal, India



A State Level Webinar on Revised NAAC Assessment and Accreditation Process and CAS **E-Certificate of Participation**

This is to certify that Dr. Partha Ray, Assistant Professor of R.K.M.V.C. College, Rahara has participated in One-Day State Level Webinar entitled "Revised NAAC Assessment and Accreditation Process and CAS", organised by Internal Quality Assurance Cell (IQAC), Sreegopal Banerjee College on 15th September, 2020. The Webinar has been conducted online through Google Meet & YouTube live streaming.

Prof. Debashis Ray Chowdhury Teacher-in-Charge Sreegopal Banerjee College sept

Dr. Subhas Chandra Ghosh Coordinator, IQAC Sreegopal Banerjee College



BANKURA UNIVERSITY

A Two-day International Webinar on Algebra, Analysis & Topology 13th -14th August, 2020

CERTIFICATE OF PARTICIPATION

This is to certify that

Dr. Partha Ray, Assistant Professor, Ramakrishna Mission Vivekananda Centenary College participated in the Two-day International Webinar on Algebra, Analysis & Topology Organized by Department of Mathematics, Bankura University & Bankura Mathematical Society, Bankura University

Dr. Ajoy Mukharjee Convener

Pavel Pal

Dr. Pavel Pal Convener



सत्यमेव जयते

KRISHNAGAR GOVERNMENT COLLEGE DEPARTMENT OF MATHEMATICS INTERNATIONAL WEBINAR 2020 Certificate of Participation

This is to Certify that

Dr. Partha Ray, Assistant Professor

Ramakrishna Mission Vivekananda Centenary College has participated in the One Day International Webinar On "Mathematics as a Weapon to Tackle Real Life Problems" Held on 27th July, 2020.

Organized by

Department of Mathematics Krishnagar Government College Krishnagar, Nadia, W.B., India

Kalida Das

Head of the Department Department of Mathematics Krishnagar Govt. College

Gobal Stas

Convener International Webinar 2020 Krishnagar Govt. College



Officer-in-Charge Krishnagar Govt. College



Celebrating 175th Anniversary INTERNATIONAL WEBINAR ON ALGEBRA AND TOPOLOGY JULY 19-20, 2020 Organized by DEPARTMENT OF MATHEMATICS PRABHU JAGATBANDHU COLLEGE ANDUL, HOWRAH, INDIA **CERTIFICATE OF PARTICIPATION**

This is to certify that Dr. Partha Ray, Faculty of Ramakrishna Mission Vivekananda Centenary College has successfully participated in the international webinar on Algebra and Topology held on july 19-20, 2020. Your participation is well appreciated.

Dr. Subrata Kumar Ray **Principal**

Dr. Prasanta Sinha Secretary, Organizing

Committee

Aubra.

S.Biswas. Barden

Joint Secretary Joint Convener

Dr. Arnab Gupta Mr. Swapan Biswas Dr. Iftikar Hossain Sardar Joint Convener

Certificate ID: PMV/IQAC/ECOW/140



Date of Issue: 28 07 2020

PANIHATI MAHAVIDYALAYA

Barasat Road, Sodepur, Kolkata-700110

INTERNATIONAL WEBINAR

Impact of Lockdown on Higher Education in USA and India

organized by Dept. of Economics, Panihati Mahavidyalaya in association with IQAC, Panihati Mahavidyalaya

Certificate of Participation

This is to certify that Prof./Dr./Mrs./Ms./Mr. PARTHA RAY

RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE has participated in the International Webinar on "Impact of Lockdown on Higher Education in USA and India" held on 27th July 2020.

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Dr. Mukti Ganguly Principal Panihati Mahavidyalaya Maay

Dr. Mau Sinha Ray **IOAC** Coordinator Panihati Mahavidyalaya Anindita Base (Choudhoy)

Dr. Anindita Basu (Chowdhury) Convenor



PANIHATI MAHAVIDYALAYA

Barasat Road, Sodepur, Kolkata-700110

State Level Webinar

On

"Promotional Scheme of College Teachers"

organized by IQAC, Panihati Mahavidyalaya

Certificate of Participation

This is to certify that Prof./Dr./ Mrs./Ms./Mr. PARTHA RAY RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE has participated in the State Level Webinar on "Promotional Scheme of College Teachers" held on 9th August, 2020.

> لاسترار Dr. Mukti <mark>Gan</mark>guly

Certificate ID:

Principal Panihati Mahavidyalaya

PMV/IQAC/202002/371

Hang

Dr. Mau Sinha Roy IQAC Coordinator Panihati Mahavidyalaya

Dr. Laxmi Narayan Saha Convenor



National Workshop on Analysis and Linear Algebra (NWALA2020) July 23-24, 2020

Resource Persons

Dr. Bhaba Kr. Sarma Professor, Department of Mathematics, IITG. Dr. Sujit Kumar Sardar Professor, Department of Mathematics, Jadavpur University. Dr. Dhiren Kr. Basnet Professor, Department of Mathematical Sciences, Tezpur University. Dr. Surajit Borkotokey Professor, Department of Mathematics, Dibrugarh University.

Dr. Ankur Bharali Associate Professor & Head, Department of Mathematics, Dibrugarh University.

CERTIFICATE

This is to certify that **Dr. Partha Ray** of **Ramakrishna Mission Vivekananda Centenary College, Rahara** has participated in the online National Workshop on Analysis and Linear Algebra (NWALA2020) organized by the Department of Mathematics, DHSK College during July 23-24, 2020.

Dr. Sashi Kanta Saikia Principal, DHSK College ans

Dr. Ananta Kumar Dutta Head, Department of Mathematics DHSK College

Mr. Amitav Doley Coordinator, NWALA2020





RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE P.O. RAHARA, KOLKATA-700118

This is to certify that *Dr. Purtha Ray, Assistant Professor* of *Ramakrishna Mission Vivekananda Centenary College, Rahara* has participated in the "One Day International Webinar on Mathematics and Mathematical Sciences (IWMMS-2020)" organised by the Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara on 29-08-2020 (7:00 p.m to 9:30 p.m.).

P.K. Rana

Dr. Pravanjan Kr. Rana Convenor & Head, Dept. of Mathematics

Dr. Sujay Kr. Biswas Joint Convenor

SK

Swami Kamalasthananda *Principal*

Kom

Sw

Certificate

State level Webinar on
"ADMINISTRATIVE AFFAIRS THRUSTING UPON PROMOTION OF COLLEGE TEACHERS /
LIBRARIANS UNDER CAS"



Date: 11/07/2020 Time: 4.00 PM – 5.30 PM

Organized jointly by Teachers' Council & IQAC,

City College 102/1, Raja Rammohan Sarani, Kolkata-700009, West Bengal.

Certificate of Participation

This is to certify that

Dr. PARTHA RAY, ASSISTANT PROFESSOR. of RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE

has attended State level Webinar on "Administrative Affairs Thrusting Upon Promotion of College Teachers / Librarians Under CAS" presented by Dr. Partha Karmakar, W.B.E.S., Deputy Secretary (Academic, W.B.B.S.E.).

PATRON Dr. Sital Prasad Chattopadhyay (Principal, City College)

CONVENER Dr. Tapan Kumar Ghosh (Co-Ordinator, IQAC & Assoc. Professor, HOD, Dept. of Physiology)

Allartas

CCTC/2020/0121

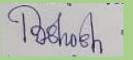
ORGANIZING SECRETARY Mr. Nihar Sarkar (Secretary, Teachers' Council, Asst. Professor, Dept. of Mathematics)



CERTIFICATE OF PARTICIPATION

This is to certify that Dr. Partha Ray of Ramakrishna Mission Vivekananda Centenary College participated in one day international level Webinar on "Use of Mathematical Modeling in COVID-19 and Cancer Control" organized by Department of Mathematics in association with IQAC of Dinabandhu Mahavidyalaya, Bongaon at "Google Meet" & "You Tube Live" platform on 31st July 2020.

Certificate ID: VEHBDM-CE000019



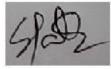
Principal, Dinabandhu Mahavidyalaya, Bongaon, North 24 Parganas, West Bengal, India



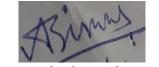
National Institute of Technology Silchar TEQIP-3 Department of Mechanical Engineering Certificate of participation

Prof./Dr./Mr./Ms. PARTHA RAY

for participating in Online Faculty Development Programme (FDP) on MAGICAL MATHEMATICS OF RAMANUJAN (Under TEQIP-III) held on 16.07.2020. Speaker: Prof. Asok K. Mallik (FNAE, FNASc, FASc, FNA) Department of Mechanical Engineering, Indian Institute of Technology Kanpur, India.



Dr. Sukumar Pati (TEQIP-III Coordinator)



(Dr. Agnimitra Biswas) (HoD, ME)



Dr. Sudip Dey (Coordinator)

KRISHNAGAR GOVERNMENT COLLEGE

SECOND INTERNATIONAL WEBINAR 2020

Certificate of Participation

This is to Certify that

Dr. Partha Ray, Assistant Professor Ramakrishna Mission Vivekananda Centenary College has participated in the One Day International Webinar On "Modern Trends in Mathematics and Its Applications" held on 21st August, 2020 from 11 AM to 01 PM.

Organized by Department of Mathematics Krishnagar Government College Krishnagar, Nadia, W.B., India

सत्यमेव जयते

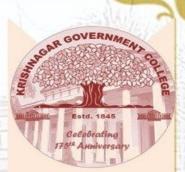
Officer-in-Charge Krishnagar Govt. College

Kalida Das

Head of the Department Department of Mathematics Krishnagar Govt. College



Convener International Webinar 2020 Krishnagar Govt. College



Celebrating 1754 Anniversary



Calcutta Mathematical Society

AE-374, Sector I, Salt Lake City Kolkata - 700064, WB, India **One-Day National Level Webinar**

HISTORY OF MATHEMATICS

organised by Calcutta Mathematical Society

6th September, 2020

Certificate of Participation

This is to certify that **Dr. Partha Ray** of **Ramakrishna Mission Vivekananda Centenary College** participated in the One-Day National Level Webinar on *History of Mathematics organised by* Calcutta Mathematical Society, on 6th September, 2020.

The Bluesday.

Prof. Arindam Bhattacharyya Secretary, Calcutta Mathematical Society



Prof. Rajkumar Roychoudhury President, Calcutta Mathematical Society

Thoushik Grown Bablu Binnas

Dr. Koushik Ghosh Jt. Convenor

Dr. Bablu Biswas Jt. Convenor

Webinar on Prime divisors in an arithmetic progression

organized by

Department of Mathematics, Gurucharan College, Silchar, Assam, India in association with

Assam Academy of Mathematics Cachar District Branch and gonitsora.com



Gonit Sora গণিত গৰা

Certified that



Partha Ray an Assistant Professor of Ramakrishna Mission Vivekananda Centenary College, Rahara, Kolkata, West Bengal

has attended the webinar on "Prime divisors in an arithmetic progression" by Dr. Shanta Laishram, ISI Delhi organized by the Department of Mathematics, Gurucharan College, Silchar in association with Assam Academy of Mathematics Cachar District Branch and gonitsora.com on 7th July 2020.

Certificate ID : ETAOVO-CE000039

Dr. Bibhas Deb Principal Gurucharan College

Dr. Debashish Sharma Coordinator

Dr. Biplab Chaudhuri President, AAM Cachar District HOD Mathematics, Gurucharan College

Mangil P. Seihia.

Dr. Manjil Saikia Managing Editor, GonitSora



CERTIFICATE OF PARTICIPATION

This is to certify that Dr./ Mr./ Ms.

Dr. Partha Ray

participated in the National Level Webinar

"Deciphering the Numerals: Cryptography and Web Security"

Organised by

Advanced Research Centre of Mathematics, Lady Brabourne College

on 26th August, 2020.

So arkar

Professor Siuli Sarkar Principal Lady Brabourne College

studdinger

Dr. Sarbani Mukherjee Head, Department of Mathematics Convenor

Debasmita Dutta Assistant Professor, Department of Mathematics Convenor



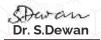
BHAIRAB GANGULY COLLEGE

Two-Day International Seminar on

Mathematical Analysis and Riemannian Geometry (ISMARG-2021) to commemorate Bernhard Riemann

Organized by **Department of Mathematics** in association with Internal Quality Assurance Cell (IQAC) & College Research Colloquium (CRC)

This is to certify that Dr. Partha Ray of Department of Mathematics, R.K.M.V.C. College, Rahara presented a paper entitled Multi-objective Urban and Regional Planning model with Intuitionistic fuzzy programming in the Two-Day International Seminar on Mathematical Analysis and Riemannian Geometry (ISMARG-2021) to commemorate Bernhard Riemann held on 29th-30th September 2021.



Convener

Submanil Som Prof. (Dr.) S.Som

Principal

Secretary

Certificate No: BGC-ISMARG/21/P07



CERTIFICATE OF PARTICIPATION



TEQIP-III FUNDED FACULTY DEVELOPMENT PROGRAMME

This is certified that Dr. Partha Ray of Ramakrishna Mission Vivekananda Centenary College, Rahara has participated in the "5-Day Faculty Development Programme on Applied Mathematical Skills for Science and Engineering Using Contemporary Tools " on 14th - 18th September, 2020. He/She has successfully passed the evaluation conducted after the completion of the FDP on 18th September, 2020.

ORGANIZED BY Department of Applied Science, School of Natural and Applied Sciences MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL, INDIA in association with the ISLAMIC UNIVERSITY OF SCIENCE AND TECHNOLOGY, Jammu and Kashmir, INDIA **Registration No: MAKAUT-WEB-239** Rinto 28 mm Event ID : MAKAUT/NASS/FDP/MATH/200914 Dr. Atreyee Biswas Dr. S. Samajdar Dr. P.P. Lahírí Dr. S.P. Mondal Date : 18th September, 2020 Director, SNAS Registrar Convener, Joint Convener, * This is system generated certificate. МАЌАИТ, WB МАКАИТ, WB MAKAUT, WB MAKAUT, WB

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त्रम् चित्रं	International Conference on Mathematical Sciences and							
10		Applications						
411 1411		February 26-28, 2020	+++					
本 化生化 化合体 化合		Organized by Department of Mathematics University of Kalyani Sponsored by UGC-SAP-DRS-II Certificate	च च ज्ञान - विज्ञानं विमुक्तये					
11	This is to certify that Prof./Dr./Mr./Ms	Parlha Ray	of R·K·M·V·C					
157	College Rahara							
北北北北北北北北北	has participated and chaired a session / delivered an invited lecture / presented a paper entitled Multi objective Entropy transportation problem: An intuitionistic Fuzzy.							
121	programming approach in the							
ti ti	International Conference on Mathematical Sciences and Applications, 2020 organized by Department of							
하 하 하 하는 다 하는 다 하는 다. 다	Mathematics, University of Kalyan University of Kalyani. Prof. Dibyendu De (Convener)	Dr. Animesh Biswas Dr. Amiya Das Dr. Sahidul Islam (Joint Convener)	during February 26-28, 2020 at Sources RJ Prof. Samares Pal (Organizing Secretary) Head, Department of Mathematics, University of Kalyani Co-ordinator, UGC-SAP-DRS-II					



Calcutta Mathematical Society

AE-374, Sector I, Salt Lake City Kolkata - 700064, WB, India **One-Day National Level Webinar**

HISTORY OF MATHEMATICS

organised by Calcutta Mathematical Society

6th September, 2020

Certificate of Participation

This is to certify that Dr. Bikash Chakraborty of Ramakrishna Mission Vivekananda Centenary College, Rahara participated in the One-Day National Level Webinar on History of Mathematics organised by Calcutta Mathematical Society, on 6th September, 2020.

an Bhersely.

Prof. Arindam Bhattacharyya Secretary, Calcutta Mathematical Society



Prof. Rajkumar Roychoudhury President, Calcutta Mathematical Society

Thoushik Grown Bablu Binnas

Jt. Convenor

Dr. Koushik Ghosh

Dr. Bablu Biswas Jt. Convenor



(MATHEMATICS TRAINING AND TALENT SEARCH TRUST) Registration Number : 154/IV/16 (SRO Serilingampally, Ranga Reddy District, Telangana)

 Regd. Office Address :
 A-401, E T Classic, Near GHMC PJR Stadium, HUDA Colony, Chandanagar, Hyderabad 500 050

 ⊠ mttstrust@gmail.com
 ☎ (+91) 9969 031 202

Date: 05 July, 2021

CERTIFICATE OF APPRECIATION

The MTTS Trust appreciates the contribution of **Dr. Bikash Chakraborty** of Ramakrishna Mission Vivekananda Centenary College, for his contribution as a Mentor for the Mathematics Training and Talent Search Programme (MTTS 2021) held online during 11/06/2021 to 05/07/2021. The programme, organized by the MTTS Trust, was funded by the National Board for Higher Mathematics, DAE, Govt. of India.

The contribution of **Dr. Bikash Chakraborty** was well-acknowledged by the participants of the programme and has gone a long way in making the programme successful.

We, on behalf of MTTS Trust, thank **Dr. Bikash Chakraborty** for his contributions and wish him all success in life.

Southing

Dr. G. Santhanam President MTTS Trust

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Dr. S. Kumaresan Director, MTTS Programme



MTTS TRUST

(MATHEMATICS TRAINING AND TALENT SEARCH TRUST) Registration Number : 154/IV/16 (SRO Serilingampally, Ranga Reddy District, Telangana)

Regd. Office Address : A-401, E T Classic, Near GHMC PJR Stadium, HUDA Colony, Chandanagar, Hyderabad 500050

⊠ mttstrust@gmail.com

a (+91) 9969 031 202

www.mtts.org.in/mtts-trust

OFCM2020/10/076

Date: 24 October, 2020

CERTIFICATE OF APPRECIATION

The MTTS Trust appreciates the contribution of **Dr. Bikash Chakraborty** of Ramakrishna Mission Vivekananda Centenary College, Rahara for his contribution as a Mentor for the **Online Foundation Course in Mathematics** (**OFCM-2020**) held online during **04 - 24 October**, **2020**. The programme, organized by the MTTS Trust, was funded by the National Board for Higher Mathematics, DAE, Govt. of India, and K.C. College, Mumbai.

The contribution of **Dr. Bikash Chakraborty** was well-acknowledged by the participants of the programme and has gone a long way in making the programme successful.

We, on behalf of MTTS Trust, thank **Dr. Bikash Chakraborty** for his contributions and wish him all success in life.

BK Sarmes

Dr. Bhaba Kumar Sarma Coordinator, OFCM-2020 & Professor, Dept. of Mathematics IIT Guwahati

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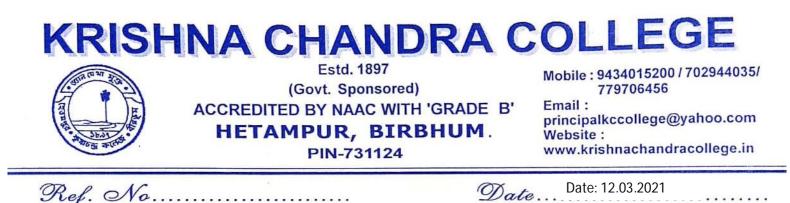
Dr. S. Kumaresan Director, MTTS Programme

President G Santhanam

Managing Trustee Ajit Kumar

Trustees

S Kumaresan G Santhanam A J Jayanthan Bhaba K Sarma B S Upadhyaya Ajit Kumar Vishnu Namboothiri K



To Dr Bikash Chakraborty Assistant Professor, Department of Mathematics, Ramakrishna Mission Vivekananda Centenary College, Rahara, WB

Sub: Request to deliver an 'Invited Lecture' on 25.03.21

Dear Sir,

We are going to organize a one week web-workshop entitled "Metric Spaces" from 22.03.21 to 28.03.21 especially for the UG students using Google Meet platform.

We are organizing this programme under the Strengthening Component of DBT-STAR College Scheme by the Dept of Biotechnology (DBT), Ministry of Science and Technology, Govt of India.

In this context, it will be highly appreciated if you kindly agree to deliver an 'Invited Lecture' as a resource person on the aforesaid subject. The schedule of your lecture is as follows:

Date	Time	Topic to be covered	
25.03.21	10:00 AM – 11:30AM	Metric Spaces: Connectedness, connected	
	12:30 PM – 2:00 PM	subsets of \mathbb{R} . Sequential compactness	

The total duration of the Lecture will be about 3 hours followed by interaction. We solicit your kind consent in this regard.

Thanking you.

Regards,

Pallar J yst. Pd.

Dr Pallav Jyoti Pal Coordinator, IQAC & Asst. Professor, Department of Mathematics Krishna Chandra College Birbhum, West Bengal Phone: 9434641986

Web-Workshop for UG students on "Metric spaces"

	Торіс	Date & Time
Introductory concepts:	Definition and examples of Metric spaces. Open and closed balls, neighbourhood, open set, interior of a set. Limit point of a set, Isolated point, closed set, diameter of a set, subspaces, dense sets, Closure of a set, Separable spaces.	22.03.21 10:00 AM – 11:30AM 12:30 PM – 2:00 PM
Completeness:	Sequences in Metric Spaces, Cauchy sequences. Complete Metric Spaces, Cantor's theorem.	
Continuous functions, Connectedness & Compactness	Continuous mappings, sequential criterion and other characterizations of continuity, Uniform continuity Connectedness, connected subsets of ℝ. Sequential compactness Heine-Borel property, Totally bounded spaces, finite intersection property, and continuous functions on compact sets.	10:00 AM - 11:30AM 12:30 PM - 2:00 PM 25.03.21 10:00 AM - 11:30AM 12:30 PM - 2:00 PM 26.03.21 10:00 AM - 11:30AM
Fixed point Theorems	Homeomorphism, Contraction mappings, Banach Fixed point Theorem and its application to ordinary differential equation.	10:00 AM - 11:30AM
More focus on Problem	28.03.21 10:00 AM – 11:30AM 12:30 PM – 2:00 PM	