



International Webinar on Quantum Mathematical Modelling on COVID-19 (QMMC)

Organised by
Department of Physics

In Collaboration with
Internal Quality Assurance Cell (IQAC)

Derozio Memorial College, Rajarhat Road, Kolkata-700136, India

DATE: 30TH SEPTEMBER, 2020 | TIME: 17:35 (IST)

Invited Speakers



Dr. Tatiana Antipova
Chair-Institute of Certified Specialists,
Former Professor-Perm State University,
Moscow University of Interior Ministry,
Russia



Prof.(Dr.) Swaroop Ghosh
Penn State University, USA
ACM distinguished Speaker, USA



Dr. Muhandis Shiddiq
Researcher-Research Center for Physics
Indonesian Institute of Science
Jakarta, Indonesia

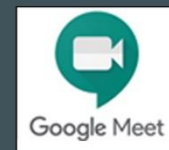


Dr. Subhasis Samanta
Institute of Physics,
Jan Kochanowski University
Kielce, Poland



Mostafa Abutaleb
Dept. of Russian as Foreign Language,
Institute of Linguistics & International
Communications, South Ural State
University, Russia

MEETING PLATFORMS

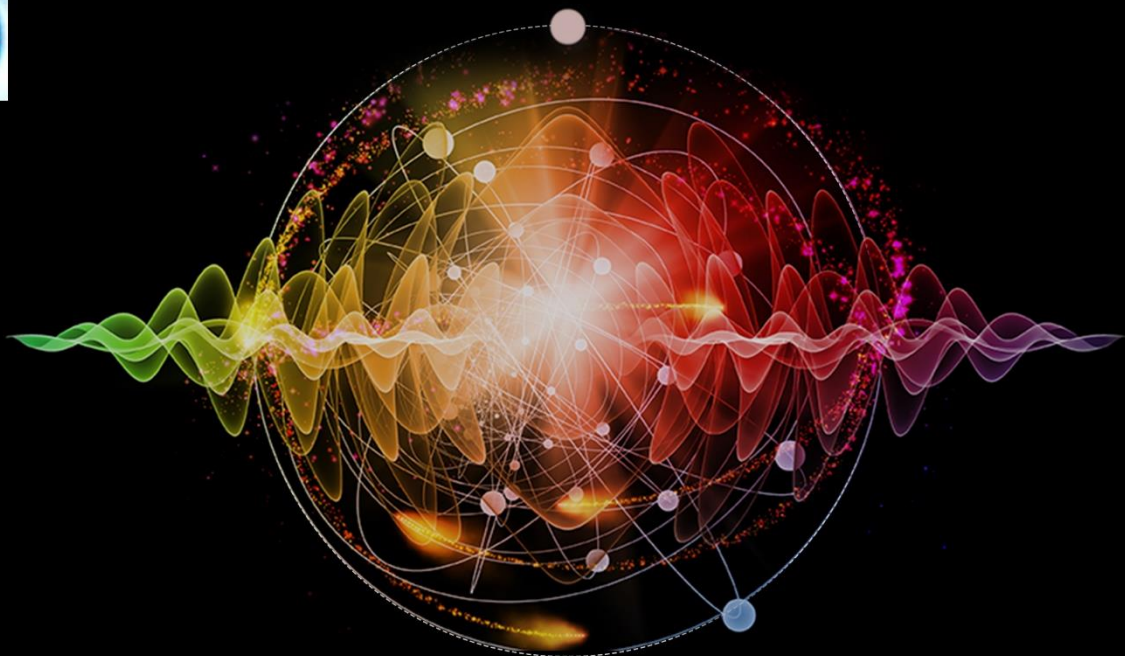


FREE REGISTRATION

Last Date: 29th September 2020, 16:00 (IST)

REGISTRATION LINK:

<https://forms.gle/y8YGAUWBGA8XsH8j6>



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Derozio Memorial College

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Principal, Derozio Memorial
College

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Associate Professor & Head
Department of Bengali,
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Associate Professor & Head
Department of Physics,
Derozio Memorial College

JOINT CONVENOR

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Associate Professor
Department of Mathematics,
Derozio Memorial College

SECRETARIES

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Associate Professor & GB Member
Department of Bengali,
Derozio Memorial College

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Librarian, Derozio Memorial
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Sudipta Paik
Faculty-Department of Physics,
Derozio Memorial College

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Programme Schedule

INAUGURAL SESSION: [17:35-18:00] IST

Chair: Dr. Sunanda Halder, Associate Professor & Head, Dept. of Chemistry, Derozio Memorial College

INAUGURAL SONG [17:35-17:40] IST	Susmita Sharma, Ex Student, Department of Bengali, Derozio Memorial College
WELCOME ADDRESS [17:40-17:50] IST	Prof. Jatindranath Gain, Associate Professor & Head, Department of Physics, Derozio Memorial College
INAUGURAL ADDRESS [17:50-18:00] IST	Dr. Dibyendu Talapatra, Principal, Derozio Memorial College, Kolkata-700136, India

TECHNICAL SESSION [18:00-20:50] IST

Chair: Prof.(Dr.) Ch. Aswani Kumar, Professor, School of Information Technology & Engineering, Vellore Institute of Technology, Vellore, India

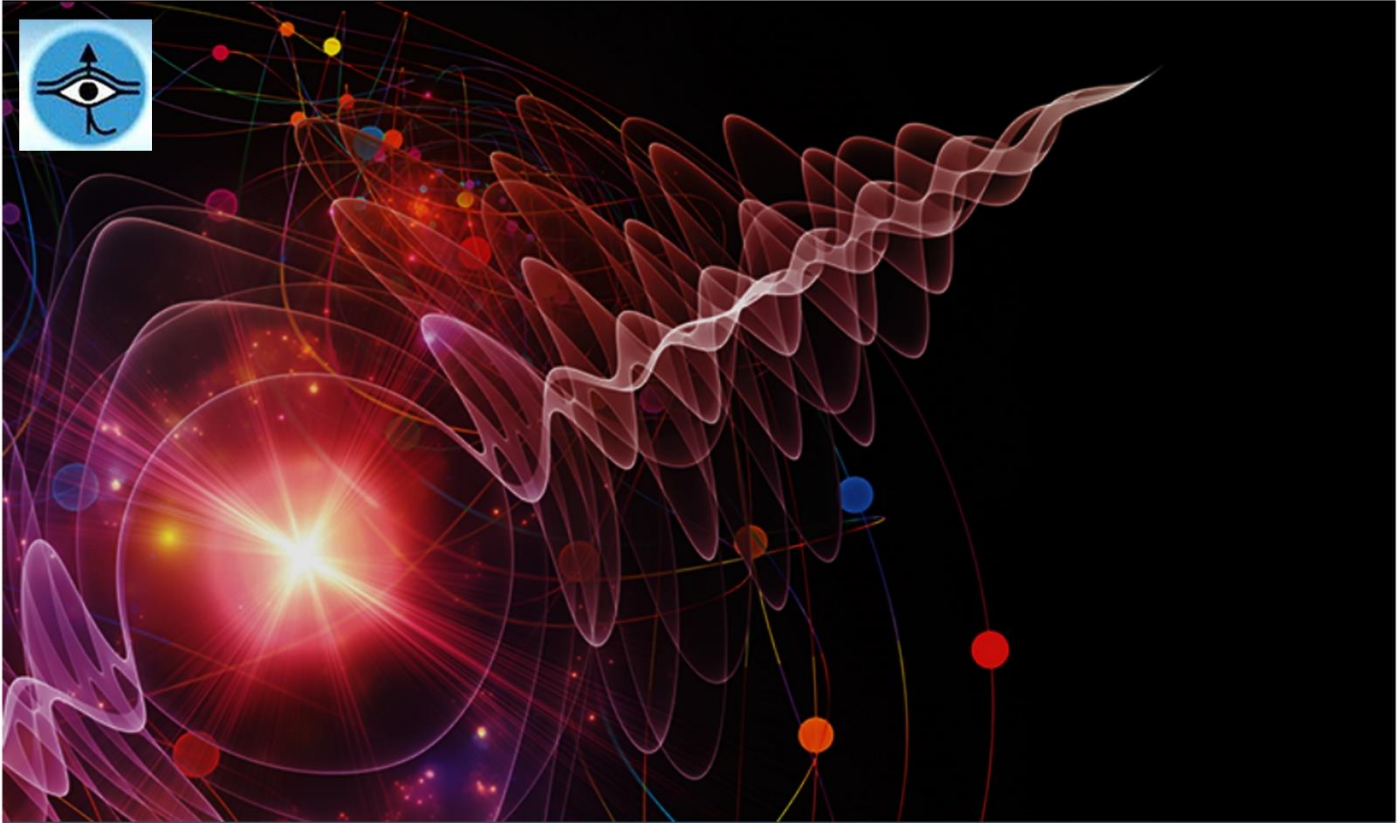
TECHNICAL SESSION - 1 [18:00-18:30] IST	Topic: A Mathematical look at the Spread of COVID-19. Dr. Tatiana Antipova, Chair-Institute of Certified Specialists, Russia Former Professor-Perm State University, Moscow University of Interior Ministry, Russia
TECHNICAL SESSION - 2 [18:30-19:10] IST	Topic: Exploring Quantum Computing in Addressing Emerging Pandemics. Prof.(Dr.) Swaroop Ghosh, School of Electrical Engineering and Computer Science, Penn State University, USA, ACM distinguished Speaker, USA
TECHNICAL SESSION - 3 [19:10-19:40] IST	Topic: SIR(D) Model and its Applications. Dr. Subhasis Samanta, Post Doctoral Fellow, Institute of Physics, Jan Kochanowski University, Kielce, Poland
TECHNICAL SESSION - 4 [19:40-20:20] IST	Topic: Using Quantum Mechanics in Search of Effective COVID-19 Treatments. Dr. Muhandis Shiddiq, Researcher-Research Center for Physics (P2 Fisika), Indonesian Institute of Science (LIPI), Lecturer-Department of Engineering & Technology, Sampoerna University, Indonesia
TECHNICAL SESSION - 5 [20:20-20:45] IST	Topic: Predicting COVID-19 Cases using Some Statistical Models: An Application to the Cases Reported in China, Italy & USA. Mostafa Abutaleb, Researcher-Dept. of Russian as Foreign Language, Institute of Linguistics & International Communications, South Ural State University, Russia
CONCLUDING SPEECH [20:45-20:50] IST	Prof.(Dr.) Ch. Aswani Kumar, School of Information Technology & Engineering, Vellore Institute of Technology, Vellore, India.

VALEDICTORY SESSION [20:50-21:10] IST

Chair: Dr. Sukla Chatterjee, Associate Professor & Head, Dept. of Economics, Derozio Memorial College

VALEDICTORY SPEECH [20:50-21:00] IST	Dr. Arunabha Adhikari, Associate Professor, Department of Physics West Bengal State University
VOTE OF THANKS [21:00-21:10] IST	Dr. Saikat Mandal, Associate Professor, Department of Bengali Derozio Memorial College

NATIONAL ANTHEM



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Link for attending the webinar will be sent to the registered participants via e-mail.

eCertificates will be provided to the registered participants only after the submission of the feedback form which will be provided at the end of the webinar/email address.

FOR FURTHER INFORMATION



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