



**International Webinar on
“COVID -19 THIRD WAVE : THREATS, PREVENTION & CARE”**

Date & Time of the Webinar : Sunday, the 8th August, 2021 at 17.00 Hours IST (IST = GMT + 5hours 30 minutes)

Organized by

Indian Institute of Social Reforms and Research

COLLABORATION



**INDIAN INSTITUTE OF RESEARCH AND DEVELOPMENT FOR
DIFFERENTLY ABLED**



SHIMURALI SACHINANDAN COLLEGE OF EDUCATION

Brief about the Dignitaries

17.00 hours (IST): Chairperson, Inaugural Session & 1st Technical Session	 <p>Prof. Sudhakar C. Agarkar Editor, <i>IISRR - International Journal of Research</i>; Former Professor, Homi Bhabha Centre for Science Education, TIFR, Mumbai; Secretary, Commonwealth Association of Science Technology and Mathematics Education (Asia)</p>
17.00 hours (IST): Welcome Address	 <p>Prof. Asit Kumar Das Director (Hony), Indian Institute of Social Reform & Research Editor-in-Chief, <i>IISRR - International Journal of Research</i> Former, Dean Students' Welfare, University of Kalyani www.iisrr.in http://www.iisrr.in/journal/</p>

<p>17.07 hours (IST): Introductory Note</p>	<div data-bbox="1176 97 1397 261" data-label="Image"> </div> <p>Dr. Sibsankar Jana Organizing Secretary, IISRR Webinar -2 on 'COVID 19 Third Wave...' Editor, IISRR- IJR; and Assistant Secretary, IISRR; Associate Professor, University of Kalyani</p>
<p>17.12 Hours (IST) Brief Note about the Registered Participants</p>	<div data-bbox="1176 432 1397 596" data-label="Image"> </div> <p>Mr. Debasish Pal Jt. Organizing Secretary, IISRR Webinar -2 on 'COVID 19 Third Wave' Secretary, Indian Institute of Social Reform & Research and Jt. Finance Officer; Jadavpur University</p>
<p>17.15 hours (IST): Inaugural Address</p>	<div data-bbox="1158 746 1417 983" data-label="Image"> </div> <p>Prof. (Dr.) Soma Bandyopadhyay Vice-Chancellor</p> <div data-bbox="1234 1066 1337 1158" data-label="Image"> </div> <p>The West Bengal University of Teachers' Training, Education Planning and Administration https://www.wbuttepa.ac.in/ Vice-Chancellor of the Sanskrit College and University, Kolkatta Professor and Former Academic Dean, Calcutta University</p> <p>❖ Previous Positions Held:-</p> <ul style="list-style-type: none"> ➤ Director, Indian Institute of Social Welfare & Business Management, Kolkata . ➤ Director, Women Studies Research Centre, University of Calcutta . ➤ Registrar, University of Calcutta . ➤ Head, Department of Hindi, University of Calcutta .

❖ **Total Number of Publications:**

- 32 (Thirty Two) Books
- 121 (One Hundred & Twenty One) Research Articles.
- 15 (Fifteen) Translated books
- 140 (One hundred Forty) Other research papers published in journals/ research journals of international/ national repute.
- 171 (One hundred and seventy One) Lectures, Keynote Address, Inaugural Address, Presidential Address, Chaired Sessions, Presented Paper, Discussions and Others)
- 3 (Three) Projects Completed & 2 (Two) Projects Ongoing (**Research areas : Comparative Literature, Applied Linguistics, Gender Studies Translation Studies**)

❖ **Awards :**

- **Sahitya Akademi Award , 2013**
- Prayag Sahitya Sammelan Samman, 2013
- Meera Smriti Samman, 2014
- 'Aparajita', people's choice award for outstanding contribution in Education, given by 'Sanmarg' & 'The Telegraph' jointly, 2016.
- 'Bhaasha Samman' from MHRD, Government of India, 2016.
- 'Raajbhasha Gaurav' for 2018.
- Special Academician Award-2019 for distinguished contribution in the field of literature and art by Damodar Valley Corporation, Ministry of Power, Government of India
- Best Educationist Award - 2019 by PC Chandra for distinguished contribution in the field of education
- Dr. B.R AMBEDKAR GREAT WISDOM GEM AWARD 2020 - for outstanding contribution in the field of promotion of education and democracy, communal harmony, inter-religious faith and upliftment of the backward section of world community.
- SUSWM WORLD PEACE AWARD 2020 - for outstanding contribution in the field of apostle of peace building, promotion of democracy, inter-religious faith, communal harmony and messenger of non-violence across the world community.

❖ **Honours :**

- Visited China in September 2007 as a **member of delegation of Indian Writers**, deputed by Govt. of India through **Sahitya Akademi** under **Indo-China Cultural Exchange Programme**.
- Delivered speech in 9th World Hindi Conference at Johannesburg, South Africa in September 2012 as a **member of Indian writers' delegation**, sponsored by **Sahitya Akademi**.
- Visited Kunming China as the Leader of the Delegation to explore future prospect of collaborative working in the area of Knowledge Management including Students and Teachers Exchange Programme between University of Calcutta and Universities in Kunming sponsored by Chinese Consulate, Kolkata.

	<ul style="list-style-type: none"> ❖ Membership of Professional Bodies: <ul style="list-style-type: none"> ➤ Acted as UGC Nominee, Subject Expert, Advisory Member, Evaluator, Moderator, Paper Setter and Member of Many National and State Level Universities, Colleges and Others Social & Cultural Bodies of National Importance. ❖ Members of Various Academic Bodies: <ul style="list-style-type: none"> ➤ Empanelled translator and Reviewer Sahitya Akademi and National Book trust. ➤ Member, Selection Committee, Sahitya Akademi Award for Translations. ➤ Member, Comparative Literature Association of India. ➤ Member Paschimanga Itihaas Samsad. ➤ Member, Vasundhara (A Literary Institution of National Repute), New Delhi. ➤ Member, Board of Studies, Visva-Bharati University. ➤ Member, Board of Studies, Presidency University. ➤ Member, Board of Studies, St. Xaviers' College, Kolkata. ➤ Member, Board of Studies, Mizoram University. ➤ Member, Board of Studies, University of Kalyani, Kolkata. ➤ Member, Board of Studies, Burdawan University, Kolkata. ➤ Member, Board of Studies, Mahatama Gandhi Kashi Vidyapeeth, ➤ Former Member, Book Review Committee, Sarvasiksha Mission. ➤ Advisor, Drafting Committee for Syllabus, West Bengal Secondary & Higher Secondary Board. ➤ Member, Academic Committee (Curriculum Framing of 4 year Integrated Programme of B.A- B.Ed.) WBUTTEPA, Kolkata. ➤ Former member of West Bengal State Council of Higher Education. ❖ LANGUAGES KNOWN: <ul style="list-style-type: none"> ➤ Bengali, Hindi, English, Urdu, Assamese, Dogri & Mizo.
<p>17.25 hours (IST): Keynote Address on “COVID-19 Third Wave : Threats, Prevention & Care”</p>	<div data-bbox="1155 1054 1417 1273" data-label="Image"> </div> <p>Dr. Asok Samanta Medical Director, Calcutta Heart Clinic & Hospital, Kolkata [https://www.calcuttaheartclinic.org/about-us.php] Founder Secretary, Medical Service Center, India; Vice-President, Medical Service Center, Central Committee</p>

**17.40 hours (IST):
Chief Guest Address**

**“What the Covid-19
Crisis means for the
Management of Health
Records”.**



Dr. Greg Adamson

Associate Professor (Hon), School of Computing & Information System,
University of Melbourne, Australia

<https://www.digitalriskinnovation.com/>

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Digital Risk Innovation

Dr Greg Adamson, Principal.

Greg has more than 20 years' experience in the field of digital risk, providing services to companies in Australia and Europe including BBC, Fujitsu, Telstra, ANZ, and Geoscience Australia. He is an honorary Associate Professor at the University of Melbourne School of Engineering, a Member of AICD, a Fellow of Engineers Australia, and a Senior Member of IEEE.

OUR EXPERIENCE, APPROACH & SOME RELEVANT ASSIGNMENTS

- Reaching an agreed solution to an intractable big data problem for a major government agency
- Identifying solutions to the reputation challenges of geo-advertising for a global brand
- Reviewing supply chain opportunities for a major telecommunications company
- Designing a complex Internet banking platform life extension program
- Introducing a cyber-security program for a large financial services business unit

**18.05 hours (IST):
Experience of Different
Waves of COVID as a
Clinician/ Doctor',**




Dr. Subhankar Chatterjee, MRCP (UK)

In-Charge CCU, COVID Nodal Officer

Calcutta Heart Clinic & Hospital; Salt Lake, Kolkata

<https://www.calcuttaheartclinic.org/about-us.php>

	<p>Academic Information</p> <ul style="list-style-type: none"> ➤ 1998-2003 Completed MBBS- R. G. Kar Medical College under University of Calcutta ➤ 2009 Became Instructor of Basic and Advanced Life Support program at American Heart Association (AHA) ➤ 2010 Completed FCCS course. Certified from Society of Critical Care Medicine (SCCM) USA ➤ 2010 Attended National Workshop on Basic and Advanced Mechanical Ventilation (ISCCM Pune) ➤ 2013 Completed Basic ICU Sonology workshop from CMC Vellore ➤ 2015 Attended Advanced Hemodynamic Monitoring Workshop at ISCCM Pune ➤ 2017 Obtained MRCP UK from Royal College of Physicians UK <p>Working Experience</p> <ul style="list-style-type: none"> ➤ 2005-2006 Worked as Registrar of ITU at National Neurosciences Centre, Kolkata ➤ 2006-2010 Worked as RMO in ICU, Calcutta Heart Clinic & Hospital ➤ 2010-2012 Worked as Registrar of ICU, Calcutta Heart Clinic & Hospital ➤ 2013-2017 Worked as Associate In-charge of CCU, Calcutta Heart Clinic & Hospital ➤ 2017-till date Working as in-charge of CCU, Calcutta Heart Clinic & Hospital ➤ 2020-till date. Working in addition as COVID Nodal Officer at Calcutta Heart Clinic and Hospital. Have treated more than 1500 COVID cases in both waves of pandemic. <p>Academic Activities</p> <ul style="list-style-type: none"> ➤ Conducted a unique Basic Intensive Care Medicine (BICM) course, an 14 weeks short training for the junior doctors for the last 7 yrs at Calcutta Heart Clinic & Hospital. ➤ Conducted ACUTE course, a 2 days structured course in acute care for the junior doctors at Calcutta Heart Clinic & Hospital for 3 yrs. ➤ Conducted REVIVE, a 2 days CPR and first aid course for the medical students at Calcutta Heart Clinic & Hospital. ➤ Conducted many short duration workshops and seminars on critical care.
2nd Technical Session	
<p>18.30 hours (IST): Chairperson, 2nd Technical Session</p>	<div style="text-align: center;">  <p>Prof. Shorosi Mohan Dan Advisor, IISRR-IJR Vice-Chancellor, Dakshina Bharat Hindi Prachar Sabha, TN Former Vice-Chancellor, Bardwan University, West Bengal</p> </div>



Dr. Dipankar Ghosh,

**Assistant Professor, Special Centre for Molecular Medicine;
Jawaharlal Nehru University, New Delhi**

**18.30 hours (IST):
'COVID Immunology /
Long COVID'**

Qualifications

- Postdoctoral Training (Immunology): The Cleveland Clinic Ohio, USA
- Doctoral (Biotechnology): Jadavpur University Kolkata, India
- Masters' (Microbiology): M.S. University Baroda, India

Areas of Interest/Specialization

- Early host-microbe interactions, Biofilms, Quorum signaling, Innate immunity, Healthcare Associated Infections, Neonatal Sepsis, Antimicrobial Resistance, Probiotics, Metabolomics.

Experience

- 2008 - present ; Assistant Professor, Special Centre for Molecular Medicine, Jawaharlal Nehru University, New Delhi, India
- 2009-2012 - Faculty-In-Charge, Mass Spectrometry Laboratory, Advanced Instrumentation Facility, Jawaharlal Nehru University, New Delhi, India
- 2003-2008 (Feb.) - Faculty Scientist, Indian Institute of Technology, Kharagpur, India
- 1997-2002 - Postdoctoral Fellow, Department of Immunology & Department of Gastroenterology, The Cleveland Clinic Foundation, USA.

Awards & Honours

- Merlin Bumpus Best Investigator Award, USA, 2001.

International Collaboration/Consultancy

- Prof. Sanjoy K. Bhattacharya, Bascom Palmer Eye Institute, Florida, U.S.A (Lipidomics).National Collaborations:
- The Indian Neonatal Sepsis Consortium (AIIMS-Del, NII, ICGEB, TSHTI, IGIB & IIIT).
- Prof. Rakesh Lodha, Department of Pediatrics, All India Institute of Medical Sciences, New Delhi (Hospital Associated Infections).
- Dr. Venkat Panchagnula, National Chemical Laboratory, Pune (Laser Desorption Ionization Mass Spectrometry).

18.50 hours (IST):
'COVID Vaccination
Policy and
Controversies



Dr. Santasabuj Das,
MD, Scientist F

National Institute of Cholera and Enteric Diseases (ICMR), Baliaghata, Kolkata

- Dr Santasabuj Das is a clinician scientist working at **ICMR-National Institute of Cholera and Enteric Diseases**, Kolkata for more than 16 years.
- His **field of specialization** is host-pathogen interactions, including the mechanisms underlying the intracellular survival of typhoid fever pathogen and the nature of systemic and intestinal immune responses against it.
- He holds the patents for a candidate subunit vaccine for typhoid and paratyphoid fevers and an oral Shigella vaccine derived from the outer membrane vesicles.
- He has **published more than 50 original research articles** and several review articles in indexed journals, in addition to book chapters and monographs.
- He is the recipient of **National Bioscience Award for Career Development** from DBT and the Fulbright-Nehru Senior Research fellowship.

19.10 hours (IST):
Impact of COVID -19
on Socio- Economic
Aspects and Business



Professor Sadhan Kumar Ghosh

Professor, Mechanical Engineering Dept.; Jadavpur University <http://www.jaduniv.edu.in/>

Chief Coordinator, Centre for Sustainable Development and Resource Efficiency Management, Jadavpur University
President, International Society of Waste Management, Air & Water and Chair, Consortium of Researchers in International Collaboration

Dr. Sadhan Kumar Ghosh, PhD (Engg.), Dean of Faculty of Engineering and Technology and Professor in mechanical engineering at Jadavpur University, India. He headed the department of Mechanical Engineering during 2012 to 2014, and the coordinator of the Centre for QMS at Jadavpur University, Kolkata, India founded in the year 1995. He is a renowned personality in the field on Waste Management, Circular Economy,

Green Manufacturing, Supply Chain Management, Sustainable Development, Co-processing of Hazardous & Municipal Solid Waste in cement kiln, Plastics Waste management & recycling, E-waste management & recycling, management system standards (ISO) and TQM. He served as the Director, CBWE, Ministry of Labour and Employment, Govt. of India. He started his career in the Larsen & Toubro Ltd previous to the Gramophone Co. of India Ltd. Prof Ghosh is the founder Chairman of the IconSWM; President of the International Society of Waste Management, Air and Water (ISWMAW) and the chairman of the Indian Congress on Quality, Environment, Energy and Safety Management Systems (ICQESMS). He received several awards in India and foreign countries including the Distinguished Visiting Fellowship 2012 by the Royal Academy of Engineering, UK to work on 'Energy Recovery from MSW'. He received Indian patent on "eco-friendly plastics recycling machine and the process there of" [Patent no.202532 dated 02/03/2007] and Bangladesh patent "Automatic High Speed Jute Ribboning Machine" [Patent no. 1005146 dated 17/02/2014]. He wrote nine books, more than 40 edited volumes, more than 200 national and international articles and book chapters and Associate Editor of special issues of WM & R and IJMCWM. His significant contribution has been able to place the name of Jadavpur University in the world map of research on waste management. He has been instrumental in the formulation and implementation of "Policy on Anti Plagiarism, Jadavpur University, 2019".

In International arena, Prof. Ghosh is involved as the-

- a) Consultant of the United Nations Centre for Regional Development (UNCRD)/DESA 2017- 18 for the project "State of the 3Rs in Asia and the Pacific",
- b) UNCRD expert under the UN DESA in 3R Forum [Adelaide, 2016];
- c) International Expert of the Asian Productivity Organization (APO), Japan and China Productivity Council (CPC) on Green manufacturing and Green Factory (Taiwan 2014, 2015, 2016) and
- d) India Leader in the Research Project for GP for the BoP business in APO member countries in Asian (May 2016 – July 2018).

His very recent international research project as India Leader includes, Erasmus plus, UKIERI 2011-13, UKIERI 2012-14 UKIERI 2015-16 and Royal Society – DST 2015 etc and Principal Investigator of more 22 Indian Research Projects. He is the leader of the Collaborative International Research Project on "*Global Status of Implementation of Circular Economy (2018-2021)*" involving experts from 33 countries. He has been serving as the member of international steering committees and editorial boards and served as the Keynote/Plenary speaker in international conferences, namely, in Australia, Bangladesh, China, Germany, Hong Kong, Italy, Japan, Laos, Malaysia, Nepal, Singapore, South Korea, Sri Lanka, USA, UK, India etc. He has initiated the movement for worldwide Sustainable Waste Management and research with partners in many countries through the *Consortium of Researchers in International Collaboration* (CRIC). He was the convener of ISO TC 61 WG2, member in the Indian mirror committee of ISO TC 207. He was a lead assessor in ISO 9001, ISO 14001, OHSAS 18001, HACCP 22001 and trainer and auditor in these areas of International standards on management systems. He acted as the organizing Chair of 4th 3RINCs 2017, by Materials Cycles Society, Japan, International Conference on Sustainable Waste Management towards Circular Economy, (IconSWM-CE) organised by ISWMAW supported by UNIDO, UNCRD, UNEP.

He has been acting and worked as Principal Investigators in more than 25 international and national research projects. He is acting as the expert in preparing the SWM roadmap for South Asian Countries supported by SACEP, Sri Lanka and IGES, Japan involving experts from Japan and government of eight south Asian countries. His projects have been funded by European Union Horizon 2020 (2018-2022) on waste water recycling, Royal Academy of Engineering (2018-2020 & 2012), GCRF 2019/2020 Pump Priming – Aston Project UK on impact of wellbeing & mental health on productivity & sustainability in Industries, UNCRD/DESA as Expert (2016-2018) on SWM, Asian Productivity Organisation (APO)

	<p>(2016-2019) on green manufacturing, British Council & DST (2012-2014), Royal Society (2015), Erasmus Plus (2016-17), ISWMAW (2018-21), Indian Statistical Institute (2019-2021), Institute of Global Environmental Strategies (IGES, Japan) (2019), South Asian Cooperation Environmental Programme (SACEP, Sri Lanka) (2018-2020), Jute Technology Mission (2008-2011), Central Pollution Control Board (1999-2002), Govt. of India on plastics waste management and a few others. For details. please visit http://http://sadhankghosh.com/research/.</p> <p>He is the Chair Elect of 8th 10th IconSWM 2010 to be held at SVU, Tirupati, India in Dec 2020. He was the State Level Advisory Committee Member of Plastics Waste (Management & Handling) Rules 2011. He was the expert committee member for the Preparation of standards for RDF for utilisation in cement plant and other industries in the committee set up by the Ministry of Housing and Urban Affairs (MoHUA), government of India. He is available at: sadhankghosh9@gmail.com.</p> <p>Ph.D. & PG THESES GUIDANCE: Six PhD theses have been completed and three PhD theses are in progress. 21 Post Graduate Thesis have been completed. Examiner of Doctoral & PG theses at IITs, NITs and various Universities.</p> <p>PROFESSIONAL REGISTRATION/ CERTIFICATIONS Certificate course of Trainer's Training on Waste Management Rules 2016 conducted by Central Pollution Control Board and Ministry of Health and Urban Affairs, Govt of India, 1. Lead Assessor course on ISO 9000 in 1994 by QMI. 2. Lead Assessor course on ISO 14000 in 1994 by DNV. 3. Lead Assessor course on OHSAS 18001 by DNV. 4. Lead Assessor course on ISO 22000 by FICCI, New Delhi. 5. Implementer's Course on CMM (Capability Maturity Model) by ERTL, Salt Lake, India.</p> <p>SPECIAL TRAINER Certified Trainer on Waste Management Rules 2016 of Central Pollution Control Board and Ministry of Health and Urban Affairs, Govt of India, 1. Trainer of Lead Assessor course on ISO 9000 2. Trainer of Lead Assessor course on ISO 14000 3. Trainer of Internal Auditor course on ISO 9000 4. Trainer of Internal Auditor course on ISO 14000 5. Trainer of Internal Auditor course on ISO 22000 6. Trainer of Internal Auditor course on OHSAS 18001</p>
19.30 hours (IST):	Feedback from Participants

<p>19.40 hours (IST): Collaborator</p>	<div data-bbox="1182 97 1395 233" data-label="Image"> </div> <p>Dr. Ramani Barman Director, Indian Institute Of Research And Development For Differently Abled; Assam, India</p>
<p>19.45 hours (IST): Collaborator</p>	<div data-bbox="1182 312 1395 472" data-label="Image"> </div> <p>Dr. Ahana Chakraborty Principal, Shimurali Sachinandan College of Education, West Bengal, India</p>
<p>19.50 hours (IST): Synoptic speech</p>	<div data-bbox="1182 584 1395 799" data-label="Image"> </div> <p>Prof. Tapas Kumar Chatterjee Editor, IISRR - International Journal of Research http://www.iisrr.in/journal/ & Former Registrar, North Bengal University, Darjeeling</p>
<p>20.00 hours (IST): Vote of Thanks</p>	<div data-bbox="1182 927 1395 1110" data-label="Image"> </div> <p>Dr. Anira Phipon Lepcha Editor, IISRR-IJR and Assistant Professor, Sikkim University, Sikkim</p>

Prof. Arit Kumar Das

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