



INTERNATIONAL ONLINE CONFERENCE ON ENGINEERING RESPONSE TO COVID-19 (IOCER COVID-19)

08 October

09:30-10:30

REGISTRATION

10:30-13:00

Virtual Platform

INAUGURAL SESSION

10:30 – 10:35

Welcome Word

MR. SIMARPREET SINGH – DIRECTOR, JIS GROUP
JIS Group Educational Initiative, India

10:35 – 10:45

A Brief about the Conference

PROF.(DR.) PARTHA SARKAR–PRINCIPAL,
JIS College of Engineering,India

10:45 – 10:55

Role of JIS Group to Combat COVID-19

DR. SILA SINGH GHOSH- VP-CORPORATE RELATION
JIS Group, Kolkata, India

10:55 – 11:35

Address by

Mr. Gaurab Basu – VICE PRESIDENT,
Global Product at VISA, USA

11:35 – 12:15

Address by

PROF. L. M. PATTANAYAK - INDIAN INSTITUTE OF SCIENCE, BANGALORE

12:15 – 12:55

Keynote Address

PROF. AJOY KUMAR RAY- 'Padma Shri'

12:55 – 13:00

Felicitatation by

SARDAR TARANJIT SINGH–MD, JIS GROUP
MR. SIMARPREET SINGH – DIRECTOR, JIS GROUP
JIS Group Educational Initiative, West Bengal

Join Zoom Meeting

<https://us02web.zoom.us/j/81562547343?pwd=RzNvODBpS3lpVTNDOfk0VjlHeTVHdz09>

Meeting ID: 815 6254 7343

Passcode: 502665

13:00-14:00

Lunch Break

14:00-15:30Virtual Platform

CURTAIN RAISER SESSION



Thematic Address

Dr. Mike Hinchey -President IFIP, Ireland

PLENARY WORD 2-A *mHealth solution for contact-less self-monitoring of vital signs parameters*

Dr. Gabriella Casalino -University of Bari "Aldo Moro", Italy

Plenary Word1

Prof. Indranil Sengupta -IIT, Kharagpur, India

Join Zoom Meeting

<https://us02web.zoom.us/j/88013467043?pwd=QzNrYms5N0V6QkJSWnZ1bEtYRXppdz09>

Meeting ID: 880 1346 7043

Passcode: 779259

15:30-18:00 Platform-1

TECHNICAL SESSION- I:

Track-1: Computational Science (Data analytics)

15:30 – 15:50

Session Chair: Dr. M. Mahankumar, Professor, GITAM, Bangaluru, India
Session Talk –

Session Moderator: Dr. Jayanta Kr. Paul, NIT, Kolkata, India
Session Coordinator(s): Dr. Dharampal Singh and Mr. Sudipta Sahana, Mr. Tanmoy Dutta

15:50 – 18:00

Technical Paper Presentation (10 PAPERS 12 MIN. EACH)

IOCER_2020_paper_11

IOCER_2020_paper_15

IOCER_2020_paper_19

IOCER_2020_paper_39

IOCER_2020_paper_53

IOCER_2020_paper_104

IOCER_2020_paper_151

IOCER_2020_paper_120

IOCER_2020_paper_75

IOCER_2020_paper_63

IOCER_2020_paper_65

JOIN ZOOM MEETING

[HTTPS://ZOOM.US/J/99806308264?PWD=CGNISjYOVdKUyT3YTFINzVNA1Uvdz09](https://zoom.us/j/99806308264?pwd=CGNISjYOVdKUyT3YTFINzVNA1Uvdz09)

MEETING ID: 998 0630 8264

PASSCODE: 806280



15:30-18:00 Platform-2

TECHNICAL SESSION- II:(10 PAPERS 12 MIN. EACH)

Track-2: Computation and Simulation (Automation)

Session Chair: Prof.(Dr).Dr. Satyabrata Das, Veer Surendra Sai University of Technology, Burla, Odisha

15:30 – 15:50

Session Talk - Recent advances in IOT and it's Application

Session Moderator: Dr. Saradindu Panda, NIT, Kolkata, India

Session Coordinator(s): Dr. Bikramjit Sarkar, Mr. Soumyabrata Saha, Ms. Swati Sikdar

15:50 – 18:00

Technical Paper Presentation (10 PAPERS 12 MIN. EACH)

IOCER_2020_paper_32

IOCER_2020_paper_33

IOCER_2020_paper_49

IOCER_2020_paper_54

IOCER_2020_paper_60

IOCER_2020_paper_103

IOCER_2020_paper_157

IOCER_2020_paper_149

IOCER_2020_paper_76

IOCER_2020_paper_55

Join Zoom Meeting

<https://us02web.zoom.us/j/84274919335?pwd=R1VvV1k4N1BQc0dWc3h4YTlhSW1rUT09>

Meeting ID: 842 7491 9335

Passcode: 823760

15:30-18:00 Platform-3

TECHNICAL SESSION- III:

Track-5: Environment and Energy (Societal Impact)

Session Chair: Prof. (Dr). Soumya Ranjan Mohanty- IITBHU, Varanasi

Session Moderator: Prof. Amlan Chakraborty, NIT, Kolkata, India

Session Coordinator(s): Dr. Pushpa Gaur, Dr. Bidhan Malakar, Ms. Moumita Paul

15:30-18:00

Technical Paper Presentation (10 PAPERS 12 MIN. EACH)

IOCER_2020_paper_107

IOCER_2020_paper_129

IOCER_2020_paper_133

IOCER_2020_paper_44

IOCER_2020_paper_122

IOCER_2020_paper_140

IOCER_2020_paper_111

IOCER_2020_paper_12



IOCER_2020_paper_108

IOCER_2020_paper_90

[https://jiscollege.webex.com/jiscollege/j.php?MTID=m6b5c99582fde9ce02e82dc
aac051ed38](https://jiscollege.webex.com/jiscollege/j.php?MTID=m6b5c99582fde9ce02e82dc
aac051ed38)

Meeting number: 170 800 3347

Password: P2iguYBmU39

09 October

10:00-11:30 Virtual Platform

CATALYTIC SESSION

10:00-10:30 am

Plenary Word 3 –

Mr. Sudip Majumder – Distinguished Engineer, Oracle, USA

10:30-11:00 am

PLENARY WORD 4 -

Dr Mausumi Chattopadhyaya – NIT, Calicut, India

11:00-11:30 am

Plenary Word 5 –

Dr. J. K. Mondal – Professor, University of Kalyani, India

Join Zoom Meeting

<https://us02web.zoom.us/j/88454998776?pwd=ZnVINmNjMExGa3ZuOEIbnXBrcVU1KZz09>

Meeting ID: 884 5499 8776

Passcode: 990128

11:30-13:30 Platform 1

TECHNICAL SESSION- IV: (10 PAPERS 12 MIN. EACH)

Track-4: Electronics and Devices (Design and Development)

11:30 – 11:50

Session Chair: Prof.(Dr) Gopinath Palai– Professor, GITA-Bhubaneswar, India

Session Talk

Session Moderator: Dr. Anilesh Dey, NIT, Kolkata, India

Session Coordinator(s): Prof. (Dr.) P. K. Bardhan, Mr. Anirban Patra and Ms. Moumita Pal

11:50 – 13:30

Technical Paper Presentation (09 PAPERS 12 MIN. EACH)

IOCER_2020_paper_46

IOCER_2020_paper_31

IOCER_2020_paper_101

IOCER_2020_paper_148

IOCER_2020_paper_61

IOCER_2020_paper_105

IOCER_2020_paper_85



IOCER_2020_paper_86
IOCER_2020_paper_04

Join Zoom Meeting

<https://us02web.zoom.us/j/82536477985?pwd=NXZndkNNcVVCaTNVd2xXbkVvOXpzZz09>

Meeting ID: 825 3647 7985

Passcode: 520552

11:30-13:30 Platform-2

TECHNICAL SESSION- V:

Track-3: Medical Physics (Health Perspectives)

Session Chair: Prof. (Dr). Santosh Kumar Mahapatra- Dean, Pharmacy, Biju Patnaik University of Technology, Odisha, India

Session Moderator: Dr. Sriparna Kundu Sen, GNIPST, Kolkata

Session Coordinator(s): Dr. Karabi Ganguly and Mr. Rupak Bhattacharjee, Mr. Tanmoy Dutta

11:30 – 13:30

Technical Paper Presentation (08 PAPERS 15 MIN. EACH)

IOCER_2020_paper_13

IOCER_2020_paper_45

IOCER_2020_paper_153

IOCER_2020_paper_42

IOCER_2020_paper_114

IOCER_2020_paper_50

IOCER_2020_paper_113

IOCER_2020_paper_47

IOCER_2020_paper_158

IOCER_2020_paper_72

Join Zoom Meeting

<https://zoom.us/j/93339774841?pwd=cTEeRHZEK1R0T2R0NklqVEJJaW56UT09>

Meeting ID: 933 3977 4841

Passcode: 639998

11:30-13:30 Platform-3

TECHNICAL SESSION- VI: (10 PAPERS 12 MIN. EACH)

Track-6: Education and Communication

Session Chair: Prof.(Dr).Ajit Kumar Panda - Electronics Center of Excellence (e-COE), Bhubaneswar

Session Moderator: Dr. Surajit Bari, NIT, Kolkata, India

Session Coordinator(s): Dr. Sandip Ghosh & Dr. Anindya Guha

11:30 – 13:30

Technical Paper Presentation (10 PAPERS 12 MIN. EACH)

IOCER_2020_paper_1

IOCER_2020_paper_35



IOCER_2020_paper_37
IOCER_2020_paper_67
IOCER_2020_paper_92
IOCER_2020_paper_98
IOCER_2020_paper_117
IOCER_2020_paper_119
IOCER_2020_paper_74
IOCER_2020_paper_79
IOCER_2020_paper_26

Meeting Link:

<https://jiscollege.webex.com/jiscollege/j.php?MTID=mb44a18ef3170f2128c504256cff7d2ac>

Meeting number: 170 957 5702

Password: UBuvKWyh652

11:30-13:30 Platform-4

TECHNICAL SESSION- VII:

Track-1: Computational Science (Data analytics)

11:30 – 11:50

Session Chair: Dr. Nilanjan Dey – JIS Group, India

Session Talk –

Session Moderator: Dr. Saikat Maity – JIS Group, India

Session Coordinator(s): Dr. Pranati Rakshit, Mr. Amrut Ranjan Jena,
Ms. Swati Sikder

11:50 – 13:30

Technical Paper Presentation (09 PAPERS 12 MIN. EACH)

IOCER_2020_paper_66
IOCER_2020_paper_155
IOCER_2020_paper_124
IOCER_2020_paper_41
IOCER_2020_paper_52
IOCER_2020_paper_128
IOCER_2020_paper_36
IOCER_2020_paper_72
IOCER_2020_paper_51

Meeting Link:

<https://meet.google.com/zmv-xron-zbq>

Join by phone

(US) +1 631-910-9012 PIN: 532 828 881#

11:30-13:30 Platform-5

TECHNICAL SESSION- VIII:



Track-2: Computation and Simulation (Automation)

Session Chair: Dr. Lopamudra Dutta-Principal, GNIPST, India

Session Moderator: Dr. Kaushik Sarkar - NIT, Kolkata, India

Session Coordinator(s): Dr. Indranath Sarkar and Dr. Swagata Bhattacharjee

11:50 – 13:30

Technical Paper Presentation (07 PAPERS 15 MIN. EACH)

IOCER_2020_paper_16

IOCER_2020_paper_30

IOCER_2020_paper_99

IOCER_2020_paper_130

IOCER_2020_paper_150

IOCER_2020_paper_18

IOCER_2020_paper_131

Meeting Link:

<https://meet.google.com/hoq-wtkn-xgn>

Join by phone

(US) +1 575-587-5857 PIN: 641 423 613#

13:30-14:30

Lunch Break

14:30-16:30 Virtual Platform

TECHNICAL SESSION-IX (Invited Talk)

Plenary Word – 6

Dr. M. Manivannan – Professor, IIT Madras, India

PLENARY WORD 7 -

Prof. Srikanta Goswami- NIBMG, Kalyani

PLENARY WORD 8-

Dr. Mehboob Alam-NIT, Bhilai

PLENARY WORD 9-

Prof. Aleksey Nazarov, HSE University, Russia

JOIN ZOOM MEETING

[HTTPS://US02WEB.ZOOM.US/J/87214353069?pwd=BLFWMiV6M1FSRTcrNGkyUG41YXG1Zz09](https://us02web.zoom.us/j/87214353069?pwd=BLFWMiV6M1FSRTcrNGkyUG41YXG1Zz09)

MEETING ID: 872 1435 3069

PASSCODE: 083779

16:30-17:30 Virtual Platform

Industry Panel: Post-COVID19 – Challenges & Opportunities in Industry



Join Zoom Meeting

<https://us02web.zoom.us/j/87629173820?pwd=Rjkvb2ppd2VDSEhSRnBxUEdleW1NUT09>

Meeting ID: 876 2917 3820

Passcode: 827575

17:30-18:00

CONCLUDING SESSION

Summary of IOCER & Announcement of next conference ICONSASA 2020

CONVENERS – IOCER COVID19, JIS College of Engineering

Vote of Thanks

CONVENERS – IOCER COVID19, JIS College of Engineering

Join Zoom Meeting

<https://us02web.zoom.us/j/87629173820?pwd=Rjkvb2ppd2VDSEhSRnBxUEdleW1NUT09>

Meeting ID: 876 2917 3820

Passcode: 827575
