

**COLLOQUIUM  
ON  
INFORMATION FLUX AND ITS IMPACT ON SOCIETAL  
RESILIENCE: A CAUSE OF CONFLICT OR CONCORD  
(22-23 AUGUST, 2020)**

**Jointly Organized  
By  
Department Of Management Studies &  
Department Of Information Technology**



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY -  
ALLAHABAD, PRAYAGRAJ-211015**

**&  
Technically Co-Sponsored  
By**



**IEEE COMPUTATIONAL INTELLIGENCE SOCIETY  
UTTAR PRADESH SECTION**

## BACKGROUND

The colloquium aims to provide a platform for the students, researchers and academicians to share the knowledge and ideas on recent trends in the field of technology and management on the issues and challenges presently faced in the networking folklore particularly in the prevailing pandemic scenario that has given quantum jump to the flow of information and social networking. Moreover, the economic and political issues in the international level also provided a boost to the phenomenon of information flow and accordingly created various sentiments and moods in the social network environment. The objective to hold this colloquium on information flux is to connect the stakeholders and identify trends on how information is shaping the society and how abundance of information is making an impact on societal resilience.

To spearhead on the above objectives, the colloquium has been divided into four themes that revolve around the various tracks such that each key theme throws light on various dimensions of use and misuse of information technology and how its management and optimization of information strike in such a way that it becomes the driver of concord rather than an inspiration for conflicts and unrest in the overall environment.

## TRACKS & THEMES :-

### Track 1: Information Technology and its Management

- ◆ Data Science and its Applications (Artificial Intelligence, Machine Learning, Deep Learning, etc.)
- ◆ Information Technology for COVID-19 Management
- ◆ Real Life Applications

### Track 2: Information Security

- ◆ Information Warfare
- ◆ Changing Landscape of Cyber Risk
- ◆ Cyber Resilience and Societal change

### Track 3: Virtual Presence and Social Distancing

- ◆ Psychological Behavior
- ◆ Emotional Intelligence
- ◆ Impact of Pandemic

### Track 4: Information Analysis, its impact and Management

- ◆ Group behaviour and crowd management
- ◆ Social Media Information Management
- ◆ Information Authenticity and moderation

Each theme title will begin with the deliberation made by the subject experts followed by a maximum of 03 virtual presentations submitted by the participants. The best three papers would be the ones chosen by the respective moderator out of the total submission in the given theme track. The selected participants will be given 10 minutes each to present their research. Each track will have invited speakers who will be giving their lecture for 30 minutes each. Moreover, 10 minutes is being kept for discussion. The track chairs will moderate and coordinate their sessions. Therefore, each track will be of 100 minutes, approximately.

Tentative Topics mentioned are preferable but not exhaustive. Research articles and inputs in any of the above themes and sub-themes are welcome. Those registering in the colloquium will be given an E-Certificate of participation while those who would be presenting will be given participation cum presentation E-certificates. We are also planning to publish all the extended abstracts online.

### MODE OF VIRTUAL PRESENTATION

The colloquium will have a participatory approach that would comprise a mixture of methods including presentations by subject matter experts and researchers followed by discussion and brainstorming sessions. The complete process will be in online mode. Moreover, the presentations can be developed from multiple viewpoints using a mixture of vernacular languages to promote open discussions without language limitations and linguistic barriers.

### RESOURCE PERSONS -

Eminent experts from the institutions of international and national repute would be deliberating upon the track topics.

#### List of Invited Speakers:-

 <p><b>Prof. Shirshu Varma</b> Professor, Registrar IIIT-A Prayagraj, India</p>	<p><b>Prof. Devinder Thapa</b> Professor University of Agder, Norway</p> 
 <p><b>Prof. Haim Hilman Abdullah</b> Professor Universiti Utara Malaysia</p>	<p><b>Mr. Siva Prasad Palepu</b> Lead E-Discovery Engineer University of Southern California</p> 
 <p><b>Dr. Devkamal Dutta</b> Associate Professor University of New Hampshire, USA</p>	<p><b>Dr. Shamala Paramasivam</b> Associate Professor Universiti Putra Malaysia</p> 
 <p><b>Dr. Gunjan Khera</b> Assistant Professor United Arab Emirates University UAE</p>	<p><b>Mr. Tomio Isogai</b> Adjunct Faculty at MIT-ADT, Pune Advisor for Indo-Japanese Relations Japan</p> 
 <p><b>Dr. Neha Khetrpal,</b> Post-Doctoral Fellow, Central European University, Hungary</p>	<p><b>Dr. Kenneth Amoah-Binfoh</b> Lecturer All Nations University, Ghana</p> 

## COLLOQUIUM SCHEDULE

### Day 1 (Saturday, 22 August 2020) -

11:15 - 11:40 am	Colloquium Overview- Dr. Anurika Vaish (Convener & Track Chair); Dr. Vrijendra Singh; Dr. Vijaishri Tewari; Dr. Abhishek Vaish (Track Chairs)
11:40 - 11:50 am	Inaugural address - Prof. P. Nagabhushan (Director, IIIT-Allahabad, Prayagraj)
<b>Information Technology and Security Sessions</b>	
<b>Track 1: Information Technology and its Management (Chair - Dr. Vrijendra Singh)</b>	
12:00 - 12:30 pm	<b>"Information and Communication Technology with Group Learning"</b> Dr. Shamala Paramasivam, Universiti Putra Malaysia.
12:30 - 1:00 pm	Participants' Presentations
1:00 - 1:30 pm	<b>"Internet of Things- Architecture &amp; Applications"</b> Prof. Shirshu Varma, IIIT-Allahabad.
1:30 - 1:45 pm	Discussion & Question / Answer Session
1:45 - 4:00 pm	Break
<b>Track 2: Information Security (Chair- Dr. Abhishek Vaish)</b>	
4:00 - 4:30 pm	<b>"Information Systems Security Beyond Firewall and Password"</b> Prof. Devinder Thapa, University of Agder, Norway.
4:30 - 5:00 pm	Participants' Presentations
5:00 - 5:30 pm	<b>"Emerging Trends in Digital Forensics and Electronic Discovery"</b> Mr. Siva Prasad Palepu, University of Southern California.
5:30 - 5:45 pm	Discussion & Question / Answer Session

### Day 2 (Sunday, 23 August 2020) -

<b>Management Sessions</b>	
<b>Track 3: Virtual Presence and Social Distancing (Chair- Dr. Vijaishri Tewari)</b>	
11:00 - 11:30 am	<b>"COVID-19-Strategic Alignment and Best Strategies to Rebuild Businesses"</b> Prof. Haim Hilman Abdullah, Universiti Utara Malaysia.
11:30 - 12:00 pm	<b>"'Psychological Substrates' of Behaviour during the Pandemic"</b> Dr. Neha Khetrapal, Central European University, Hungary.
12:00 - 12:30 pm	Participants' Presentations
12:30 - 1:00 pm	<b>"Effective ways of managing occupational health and safety issues at the workplace during COVID-19"</b> Dr. Kenneth Amoah-Binfoh, All Nations University, Ghana.
1:00 - 1:15 pm	Discussion & Question / Answer Session
1:15 - 4:00 pm	Break
<b>Track 4: Information Analysis, its impact and Management (Chair- Dr. Anurika Vaish)</b>	
4:00 - 4:30 pm	<b>"Society 5.0 - a new society beyond Industry 4.0 and post Covid-19"</b> Mr. Tomio Isogai, Adjunct Faculty at MIT-ADT and Advisor for Indo-Japanese Relations.
4:30 - 5:00 pm	<b>"Neurological Manifestation of Crowding and COVID-19"</b> Dr. Gunjan Khera, United Arab Emirates University.
5:00 - 5:30 pm	Participants' Presentations
5:30 - 6:00 pm	<b>"Operating with an Innovator Mindset during Times of the Pandemic: Design Thinking for Creative Problem-Solving"</b> Dr. Devkamal Dutta, University of New Hampshire, USA
6:00 - 6:15 pm	Discussion & Question / Answer Session
6:15 - 6:30 pm	Vote of Thanks

Note: - The timings provided are in Indian Time (IST)

## PAPER SUBMISSION DETAILS:-

1. Extended abstract should be submitted by **10th August 2020** to [anurika@iiita.ac.in](mailto:anurika@iiita.ac.in) and [iph2015001@iiita.ac.in](mailto:iph2015001@iiita.ac.in) by email or uploaded in Google Forms Registration Link.  
<https://forms.gle/T6VZXDawUWhqMTdx9>
2. The extended abstract should be within 1000 words and 2 to 3 pages
3. Text should be justified with 12 point Times New Roman font.
4. The colloquium follows a strict plagiarism policy so kindly maintain the ethical protocols.
5. Please mention the name of the track while submission of Extended Abstract

## IMPORTANT DATES:-

Last date for submission of Extended Abstract- **10 August 2020**

Communication of Selected Papers- **14 August 2020**

Last Date of Registration- **18 August 2020**

Dates of Colloquium - **22-23 August 2020**

## REGISTRATION PROCESS (Through Online Mode only):-

Registration is a two-step process.

**Step 1:-** Kindly make the payment and keep the transaction details saved.

**Registration Fees:** INR 100/- for IIITA or IEEE members and INR 118/- for others including GST (To avail the benefits of GST/discount, use IIITA or IEEE email account for Registration)

**Step 2:-** Please fill the registration form (Google Forms)-

<https://forms.gle/T6VZXDawUWhqMTdx9>

## PAYMENT PROCEDURE (Step 1) :-

Registration Fees may be paid through UPI App/ RTGS /NEFT as per details given below:

Name : Indian Institute of information technology Jhalwa Allahabad

UPI ID : [info.accounts.iita@sbi](mailto:info.accounts.iita@sbi)

Account Number : 30996838478

IFSC Code: SBIN0010891

Bank Name: State Bank of India



Scan & Pay Using Any UPI App to

UPI ID: [info.accounts.iita@sbi](mailto:info.accounts.iita@sbi)

## REGISTRATION PROCEDURE BY GOOGLE FORMS LINK (Step 2) :-

After payment of Registration Fees, kindly click on the following link to fill the registration form which comprises of details like name, details of payment, Email ID and optional extended abstract submission: [CLICK HERE](#)



Registration Link- <https://forms.gle/T6VZXDawUWhqMTdx9>

**Note:** Registration can be done with or without extended abstracts. All registered participants /attendees/abstract submitters/presenters are welcome to all sessions and eligible for Participation E-Certificate/Participation cum Submission E-Certificate/Participation cum Presentation E-Certificates respectively.

### **ABOUT THE INSTITUTION**

Indian Institute of Information Technology-Allahabad is known to be a premium institution in imparting quality education in the area of IT and allied areas by offering UG, PG and PhD courses and has also been recognized as the centre of excellence by the Government of India. IIIT-A, Prayagraj is an Institute of National Importance.

The Department of Management Studies and Information Technology, Indian Institute of Information Technology - Allahabad, Prayagraj was constituted with the philosophy of running and managing the programmes with a focus on Management and Information Technology. It is propelling academic excellence through innovative pedagogy of blended learning inculcating all-round self-development by creativity, knowledge exchange, empowerment and enrichment of students and faculty members. The strength of the institution lies in the faculty who are having exposure to fields of Management and IT, belonging to various institutes of national importance and centers of excellence.



### **ORGANIZING COMMITTEE**

**Chief Patron** – Prof. P. Nagabhushan, Director, IIIT-A Prayagraj

**Co-Patron** –

Prof. Shirshu Varma, Professor, Registrar, IIIT-A Prayagraj

Dr. Vijaishri Tewari, Associate Professor, HOD-MS, IIIT-A Prayagraj

**Convenor** –

Dr. Anurika Vaish, Associate Professor, IIIT-A Prayagraj

**Track Chairs**–

1> Panel Chair- Dr. Vrijendra Singh, Associate Professor, HOD-IT, IIIT-A Prayagraj

2> Panel Chair- Dr. Abhishek Vaish, Assistant Professor, IIIT-A Prayagraj

3> Panel Chair- Dr. Vijaishri Tewari, Associate Professor, HOD-MS, IIIT-A Prayagraj

4> Panel Chair- Dr. Anurika Vaish, Associate Professor, IIIT-A Prayagraj

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