## **OBJECTIVES**

- The purpose of this research conclave is to provide an efficacious platform for learning and interacting with eminent speakers from research organisations, industry and academia.
- To understand best practices and demonstration of diverse projects & new innovations in this area of industry 4.0 and IoT.
- A good platform for the industries to identify highly intellectual, motivated and enthusiastic students for their firms.
- Industry-academia interaction with industrial delegates highlighting their technological requirements, expectations from research institutes.
- A prestigious platform for start-ups and industry to exhibit their products and ideas to academia.
- The conclave aims at providing an opportunity to researchers/product designers, students and faculty to get together and promote the development of collaborative research environment.

#### **OVERVIEW**

Research conclave on "Industry 4.0, IoT and its applications 2020" is being organized by CSE, Department IGDTUW Delhi in collaboration with Intel, Microsoft & DIC-MHRD. This conclave aims to collaborate, share and disseminate the knowledge gained in the area of Industry 4.0, IoT and its applications. It also aims to bring together technologies such as Industry 4.0, IoT, Cloud Computing and Product Development in a single common platform to share and exchange new ideas and establish research collaborations among academic institutions and industry collaborators. This conclave provides the platform for the developers, designers, students, faculty innovators to showcase their innovations and further discuss possible commercialization with industry experts.

Further, all innovators and developers will get an opportunity to display their real working prototypes/products through posters and present their research work among research community.

Industry 4.0 research conclave is the flagship research showcase in India providing a forum for students, researchers, faculty and designers to showcase their innovations and products related to Industry 4.0, IoT, Cloud Computing and Its applications to solve the real-world problems with cutting edge technologies. Further, this platform acts as a bridge between innovators, developer and manufacturers to promote technology transfer, R&D and entrepreneurship.

PROPOSED SPONSORSHIP	
SPONSORSHIP	AMOUNT (Rs.)
Title Sponsorship	INR 1,00,000
Platinum Sponsorship	INR 75,000
Gold Sponsorship	INR 50,000
Silver Sponsorship	INR 25,000

## **Registration Charges**

- 1). Faculty: Rs. 2000 /-
- 2.) Industry: Rs. 3000 /-
- 3.) For others Rs.1000/-
- 4.) Students/Research Scholar: Free if their abstract is accepted.

#### **Accommodation & Travel**

Travel: - No travel allowance will be provided

Accommodation:- Paid Accommodation will be provided to female participants only.

Note:- Simulation based project will not be entertained.

#### **Important Dates**

Last Date for Abstract submission: 10th April 2020

Acceptance Notification: 12th April 2020

Final Submission and Registration: 20th April 2020 Research Conclave dates: 7th to 10th May 2020

> 2 day Pre-workshop Take away - Node Design

For more details visit: www.dicigdtuw.com/research-conclave-2020, www.igdtuw.ac.in OR contact rc.igdtuw2020@gmail.com



# Research Conclave on

Industry 4.0, Internet of Things (IoT) & Its Applications-2020

7<sup>th</sup> to 10<sup>th</sup> May, 2020 Venue: IGDTUW, Delhi



2 day Preworkshop

Organized by

Department of Computer Science & Engineering,
Indira Gandhi Delhi Technical
University for Women, Delhi 110006

In Collaboration with Intel, DIC-MHRD, Microsoft

# Patron:

**Dr. Amita Dev**Vice Chancellor
IGDTUW, Delhi

# **Coordinator:**

**Prof. SRN Reddy**CSE Department
IGDTUW, Delhi

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Website Management Committee	
Mr. Bramha S Tripathi, IGDTUW, Delhi	Call for Innovations in the form of Abstracts
Ms. Manasi Mishra, IGDTUW, Delhi	We solicit high quality research innovations and product designs
Ms. Rishika Anand, IGDTUW, Delhi	
Ms. Divanshi P. Wangoo, IGDTUW, Delhi	in the form abstracts for Presentation, Demo, Paper or Poster
Poster Presentation Committee	Presentation depending on the abstract. Organizers will select
Prof. S. R. N Reddy, IGDTUW, Delhi	some quality abstract of the best works either for poster
Mr. Bramha S Tripathi, IGDTUW, Delhi	presentation or talk. Submitted works should be by and large be
Ms. Manasi Mishra, IGDTUW, Delhi	one of the focus areas of research across the various Field.
Ms. Rishika Anand, IGDTUW, Delhi	Research Areas: IoT, Industry 4.0, Artificial intelligence, Product
Ms. Kavita Sharma, IGDTUW, Delhi	Design, Mobile application development, FMS, Cloud computing.
Ms. Divanshi P. Wangoo, IGDTUW, Delhi	Design, woone application development, Fivis, cloud computing.

## **Day Wise Schedule of a Program** Schedule: Day 1 S. No. **Event Name** Hands-on workshop on Industry 4.0, IoT 1. and its application Schedule: Day 2 S. No. **Event Name** Inauguration & Welcome address 1. 2. Presentation of Research work on IoT in different applications 3. Institute presentation of Research work 4. Institute presentation of Research work 5. Institute presentation of Research work Schedule: Day 3 S. No. **Event Name** Hands on workshop on SMD based 1. manufacturing with a sensor node IIT Visit Schedule: Day 4 S. No. **Event Name** Keynote Speaker Industry Presentation of Research Work 2. Industry Presentation of Research Work 3. Industry 4.0 frame work & its demo & review for first phase Panel discussion for industry 4.0 Framework Poster presentation & Project showcase 6. Discussion with different collaborators Agenda-Research & Innovation Collaborators through Agenda- Research & Innovation Closing Ceremony **Tea Break & Lunch Timing**

S. No.

2.

3.

**Event** 

Lunch

Tea & Breakfast

Tea & Snacks

Timing Full day

**Timing** 

Timing

**Timing** 

10:00am-10:30am

10:30 am - 11:00 am

11:15 am- 12:45 pm

01:45 pm - 03:00pm

03:15 pm-05:00 pm

10:00 am - 12:30 pm

02:00 pm - 05:00pm

10:00 am - 10:30 am

10:30 am - 11:00 am

11:15 am - 12:45pm

01:45 pm - 02:15pm

02:15 pm - 02:45pm

02:45 pm - 03:15pm

03:30 pm - 04:30pm

04:30 pm - 05:00pm

05:00 pm - 05:15pm

**Timings** 

10:30 am to 11:00 am

11:45 am to 01:15 pm

03:15 pm to 03:30 pm