



Indira Gandhi Delhi Technical University For Women

(Established by Govt. of Delhi vide Act 09 of 2012)

Kashmere Gate, Delhi - 110006

Summary Report

On

Workshop “IoT and its Practical Applications 2020”

Webinar on “IoT and its Practical Applications 2020” is being organized by CSE Department, IGDTUW Delhi in association with DIC-MHRD along with other collaborators. This webinar aims to collaborate, share and disseminate the knowledge gained and learn in the area of IoT & its Practical Applications. This National webinar will act as an efficacious platform for learning and interacting with eminent speakers from research organizations, industry and academia. The research scholars from IGDTUW will also showcase their work related to IoT and its applications in the area of Health care, Environment, Aquaculture, Smart Home, Assistive Technologies, Industry 4.0 etc. This seminar can help students to get insights about IoT and its practical application in various domains, research avenues & its challenges.

The purpose of this webinar is :

- To provide an efficacious platform for learning, collaborating and interacting with eminent speakers from research organizations, industry and academia.
- To understand best practices and demonstration of diverse projects & new innovations in this area of industry 4.0 and IoT.
- Industry-academia interaction with industrial delegates highlighting their technological requirements, expectations from research institutes.

More than 450 participants have registered for the webinar. Various eminent speakers deliver lectures on IoT and other areas. More than 15 institutes and industries collaborated with IGDTUW for this webinar.

Coordinator
Prof. S.R.N. Reddy
Professor, Department of CSE

NATIONAL WEBINAR
on
Internet of Things (IoT) & Its Practical Applications

24th to 25th July, 2020



Organized by
Department of Computer Science & Engineering,
Indira Gandhi Delhi Technical University for Women, Delhi -110006
In Collaboration with
DIC-MHRD

Coordinator:
Prof. SRN Reddy
CSE Department
IGDTUW, Delhi

Patron:
Dr. Amita Dev
Vice Chancellor
IGDTUW, Delhi

Schedule: Day 1

Session Name	Speaker	Topic	Timings
Inaugral	Dr. SRN Reddy, Professor, IGDTUW	Welcome Note	9:00 am to 09:15 am
Keynote speech 1	Dr. Amita Dev, VC, IGDTUW	IoT Futuristic Technology & Its Applications	9:15 am to 9:45 am
Introduction	Dr. SRN Reddy, Professor, IGDTUW	Introduction to IoT& its practical applications and challenges at IGDTUW	9:45 am to 10:20 am
Keynote speech 2	Mr. N. Kishore Narang, Narnix TechnoLabs	Building the Competence to Innovate leveraging IoT & other Disruptive Technologies	10:20 am to 11:00 am
Keynote speech 3	Prof. PVM Rao, IIT Delhi	Product Design and Best Practices	11:00 am to 11:40 am
Keynote speech 4	Prof. Sai Prakash, Professor, NIT Warangal	Sensors, Actuators & Its Interfacing	11:40 am to 12:15 pm
Keynote speech 5	Dr. Amarjeet Singh, CTO, Zenatix	IoT & Applications: Zenatix Perspective	12:15 pm to 12:45 pm
Invited talk 1	Dr. S.P. Shiva Prakash, JSSST&U, Mysuru	Social Internet of Things: Challenges & Research Avenues	12:45 am to 1:15 pm
Break			1:15 pm to 2:00 pm
Invited talk 2	Dr. Piyush Chanana, IIT Delhi	User centric approach for Product Development	2:00 pm to 2:30 pm
Invited talk 3	Prof. C. Rama Krishna, NITRR, Chandigarh	IoT and its Security Issues	2:30 pm to 3:00 pm
Invited talk 4	Prof. Ramprasad Kalindi, Professor, SRKR, Bhimavaram	Extending human senses through IoT: The challenges ahead	3:00 pm to 3:30 pm
Invited talk 5	P Anjaneyulu, Service Delivery Manager, Comviva Technology Ltd.	IoT, A Defense Perspective	3:30 pm to 4:00 pm
Invited talk 6	Mr. Subbarao Kancharla, Principal System Specialist, R&D Itron	Smart metering networks and quick restoration of nodes	4:00 pm to 4:30 pm
Invited talk 7	Mr. Rachit Thukral, Director, ETI Labs	Role of IoT in Industry 4.0	4:30 pm to 5:00 pm

Schedule: Day 2

Session Name	Speaker	Topic	Timings
Day 2 Overview	Dr. SRN Reddy, Professor, IGDTUW	Welcome Note	9:00 am to 09:15 am
Keynote speech 1	Prof. M. Balakrishnan, IIT Delhi	IoT & its applications in Assistive Technologies	9:15 am to 9:45 am
Invited talk 1	Mr. Mallikarjun, Project Manager, Accenture	Mobile Application Development: Issues & challenges in IoT	9:45 am to 10:15 am
Invited talk 2	Reddi Shekhar, Tech Lead, Verizon India	IoT & Event Streaming at Scale, using Microservice architecture	10:15 am to 10:45 pm
Presentation 1	Mr. B.S Tripathi, IGDTUW	IoT Product Design: Best Practices	10:45 am to 11:15 am
Presentation 2	Ms. Jasleen, PhD scholar, IGDTUW	Role of IoT in Covid19	11:15 am to 11:45 pm
Presentation 3	Ms. Zeenat, PhD scholar, IGDTUW	Patenting your inventions: Academic point of view (with reference to IoT & Aquaculture)	11:45 pm to 12:15 pm
Presentation 4	Ms. Sonal, PhD scholar, IGDTUW	IoT and its applications in Healthcare	12:15 pm to 12:45 pm
Presentation 5	Mr. Sanjay Motia, IP University	IoT and its applications in Agriculture	12:45 pm to 01:15 pm
Break			1:15 pm to 2:00 pm
Presentation 6	Ms. Sunita, PhD scholar, IGDTUW	Role of IOT based Context Detection in Healthcare	2:00 pm to 2:30 pm
Presentation 7	Ms. Manasi Mishra, PhD scholar, IGDTUW	Lightweight protocols for IoT Applications: Case Study of Environmental Monitoring System	2:30 pm to 3:00 pm
Presentation 8	Ms. Pushpanjali, PhD scholar, IGDTUW	Sensor data fusion in IoT applications	3:00 pm to 3:30 pm
Presentation 9	Ms. Rishika, PhD scholar, IGDTUW	Role of AI in Internet of Things	3:30 pm to 4:00 pm
Presentation 10	Ms. Divanishi, PhD scholar, IGDTUW	IoT and its Applications in the Education Technologies	4:00 pm to 4:30 pm
Presentation 11	Ms. Kavita, IGDTUW	IoT and its applications in smart kitchen	4:30 pm to 5:00 pm
Valedictory	Dr. SRN Reddy, Professor, IGDTUW	Valedictory speech	5:00 pm to 5:20 pm
Closing	Dr. Seeja K.R., HoD (CSE), IGDTUW	Vote of Thanks	5:20 pm to 5:30 pm

Registration Fee:

Registration is FREE. Certificates will be given to all the participants.

Registration Link - <https://forms.gle/r2uMdNej5dH8PTMp8>

Important Dates:

Last Date for Registration – 22nd July 2020

Webinar dates – 24th to 25th July 2020

For more details visit: www.dic-igdtuw.com, www.igdtuw.ac.in

OR

Contact: rc.igdtuw2020@gmail.com



NATIONAL WEBINAR ON IOT & ITS APPLICATIONS 01:38:44 104 attendees **LIVE**

SRN Reddy **Live event** Amrita Dev is live

Presenters: SRN Reddy, Amrita Dev, Sonal Gahlot, Pushpanjali, Ch. Venkata Naray...

You: Manasi Mishra

Participants: Kavita Sharma, Zeenat Shareef, Rachit Thakral, N.Kishore, M.Gangadharappa

NATIONAL WEBINAR ON IOT & ITS APPLICATIONS 04:39:46 73 attendees **LIVE**

Amarjeet Singh **Live event** Amarjeet Singh's desktop is live

Presenters: Amarjeet Singh, Sonal Gahlot, Pushpanjali, Kavita Sharma

You: Manasi Mishra

Content: Amarjeet Singh's desktop

Participants: Zeenat Shareef, SRN Reddy, M.Gangadharappa, Rachit Thakral

Venkat

