



2nd International Conference

Women Researchers in Electronics and Computing

April 21-23, 2023



Conference proceedings will be published with Springer in their prestigious series
“Lecture Notes in Electrical Engineering”



WREC 2023

Organized by



**Dr. B R Ambedkar National Institute of Technology Jalandhar
&
Indira Gandhi Delhi Technical University for Women, Delhi**

WREC is dedicated to promoting and encouraging women engineers and motivating young girls to follow their academic interests in engineering research. All the keynote speakers, tutorial presenters, session chairs, and members of the conference organizing team are women. The conference aspires to provide a platform for researchers, engineers, academicians as well as industrial professionals to showcase innovative and interdisciplinary research findings on practical as well as theoretical advancements in Electronics Communication, Signal Processing and Computational Techniques.

Participation is not limited to women candidates only it is open for all the researchers in specified areas.



Springer

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Conference Chairs

Chief Patron



Dr. Amita Dev

Vice Chancellor,
IGDTUW, Delhi

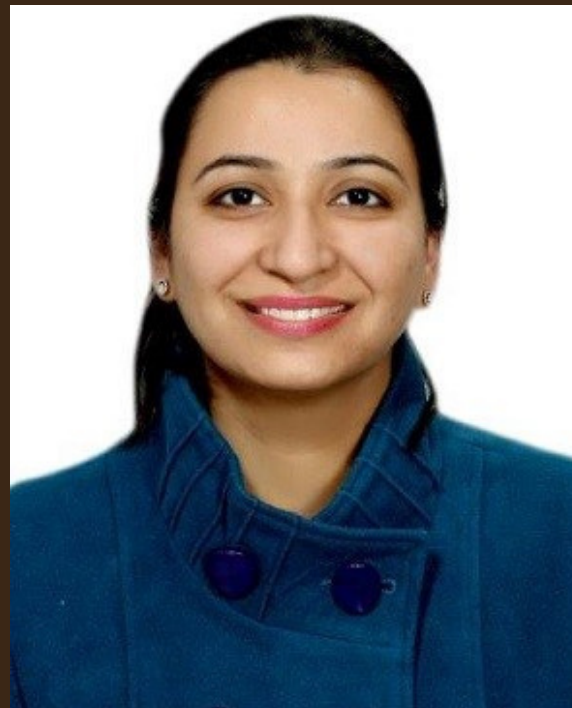
Executive General Chair



**Dr. Poonam
Bansal**

Professor,
IGDTUW, Delhi

Program General Chair



**Dr. Nonita
Sharma**

Associate
Professor,
IGDTUW, Delhi

Organizing Secretary



Dr. Bhawna

Assistant
Professor,
IGDTUW, Delhi

Event Timeline

01

02

03

04

28 February 2023

20 March 2023

27 March 2023

10 April 2023

Paper

Intimation of

Submission of

Last Date of

Submission

Acceptance

Camera-Ready

Registration

Deadline

*Papers and start of
registration*



Characteristics in MRIs: Can we train DL networks using tumor bounding box images without requiring tumor annotation?

*Prof. Irene Yu-Hua Gu
Professor, Chalmers
University of Technology,
Sweden*



Career for Women in Semiconductors

*Er. Binta Patel
Cloud Architect - Intel*



Game-driven Electronic Design Automation

*Dr Gayatri Mehta
University of North Texas*

Keynote Speakers



Wireless Sensor Networks and its application

*Prof. S. Indu
Delhi Technological
University*



5G Current Scenario and Career Opportunities

*Dr. Rashmi Sharan Sinha
Research Scientist, Urban Sensing in the
Division of Centre of Communication
& Signal Processing at Nanyang
Technological University, Singapore*



AI tools to combat antimicrobial resistance (AMR)

*Dr Seema Singh
MS (Surgery), PGDM
(IIM-A)
Digital Health Consultant*

Event Schedule

Day 1

- 10:00 AM – Inauguration
- 10:30 AM – Plenary Talk
- 12:00 Noon – Keynote Address 1
- 2:30 PM – Paper Presentation
- Session 1
- Session 2
- Session 3

Day 2

- 9:30 AM – Keynote Address 2
- 11:00 AM – Paper Presentation
- Session 4
- Session 5
- Session 6
- 2:00 PM – Keynote Address 3
- 3:30 PM – Paper Presentation
- Session 7
- Session 8

Day 3

- 9:30 AM – Keynote Address 4
- 10:30 AM – Keynote Address 5
- 12:00 PM – Paper Presentation
- Session 9
- Session 10
- 2:30 PM – Valedictory