



SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN (UNIVERSITY OF DELHI)

NAAC GRADE A+ | NIRF 2024 RANK -38 (COLLEGE CATEGORY)

DEPARTMENT OF INSTRUMENTATION In collaboration with IEEE Electron Device Society ,Delhi Chapter

Presents
Hands-on Workshop
On

“Exploring Advanced Functionality Of Electronic Instruments For Testing And Measurement”



WORKSHOP HIGHLIGHTS :

PRACTICAL HANDS-ON SESSION BY
EXPERTS FROM AGMATEL PVT. LTD .

1. Advanced Electronic Instruments
2. In Depth Oscilloscope Usage
3. Function Generator Modes
4. Advanced Multimeter Functionality
5. Troubleshooting and Best Practices

DATES
3rd & 4th Oct. 2024



TIME
09:00 AM - 05:00 PM



VENUE
Instrumentation
Department, First Floor,
SRCASW, Vasundhara
Enclave, Delhi- 110096



ELIGIBILITY CRITERIA
All students of Instrumentation, Physics
and Electronics courses are eligible.



REGISTRATION LINK
<https://forms.gle/B8ZJ9Lsj4Q6>

QUERIES MAY BE SENT TO
instru_tic@rajguru.du.ac.in



NOTE : Due to limited seats, participation will be confirmed on a first-come, first-serve basis . Confirmation email/message will be sent to selected students.
Certificates will be provided after the successful completion of the workshop.



SHAHEED RAJGURU COLLEGE OF APPLIED SCIENCES FOR WOMEN

Hands-on Workshop

On

*Exploring Advanced Functionality Of Electronic Instruments
For Testing And Measurement*



Inaugural Session

Oct.03,2024

9:00am to 11:40am



Sr. Professor Mridula Gupta

**Department of
Electronic Science,
UDSC and Past
Chairperson, IEEE EDS
Delhi Chapter**

Professor Manoj Saxena

**Department of
Electronics, DDU College,
University of Delhi and
Chairperson, IEEE EDS
Delhi Chapter**



Mr. Preet Yadav

**Head, India
Innovation Ecosystem
NXP Semiconductors**



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Valedictory Session

Oct.04, 2024

3:15pm to 4:30pm



Professor Rachana Garg

Dr. Rashmi Agarwal

**Head, Department of
Electrical Engineering,
Delhi Technological
University and
Chairperson, Students
Activity Committee, IEEE
Delhi Section**

**Department of Electrical
Engineering, J C Bose
University of Science and
Technology, YMCA,
Faridabad and
Chairperson, Women in
Engineering Affinity
Group IEEE Delhi Section**



IEEE EDS Delhi Chapter



Shaheed Rajguru College of applied Sciences for Women, University of Delhi

Department of Instrumentation

Hands-on workshop: Exploring Advanced Functionality of Electronic Instruments for Testing and Measurement

03-04 October, 2024

Technical Program Schedule

| Day 1: Thursday, 3 rd October 2024 | |
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| Time | Venue and Program Details |
| 8:30 am - 8:50 am | Registration (Seminar Room, Ground Floor, Academic block) |
| Inaugural Session- Seminar Room, Ground Floor, Academic block | |
| 9:00 am - 9:15 am | Lamp Lighting and Felicitation of Guests |
| 9:15 am - 9:30 am | Welcome Address by the Principal, Professor (Dr.) Payal Mago |
| 9:30 am - 10:00 am | Keynote Talk on “ <i>Way Ahead: India to Be Semiconductor Hub</i> ” Mr. Preet Yadav, Head India Innovation Ecosystem, NXP Semiconductors |
| 10:00 am - 10:30 am | IEEE EDS Distinguished Lecture talk on “ <i>Artificial Intelligence-Transformative effect- Semiconductor Industry</i> ” Professor Manoj Saxena, Department of Electronics, DDU College, University of Delhi and Chairperson, IEEE EDS Delhi Chapter |
| 10:30 am - 11:00 am | Tea Break |
| 11:00 am - 11:30 am | Keynote Talk on “ <i>75 Years of the Transistor: Shaping the Past, Powering the Future</i> ” Sr. Professor Mridula Gupta, Department of Electronic Science, UDSC and Past Chairperson, IEEE EDS Delhi Chapter |
| 11:30 am - 11:40 am | Vote of thanks |
| Technical Session-I, Venue: Industrial Lab (GP-1) & Analytical Lab (GP-2) | |

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|---|---|
| 11:40 am - 1:30pm | “Hands-on training on Multimeter and Power Supply” by Mr. Mithun Chandra Das (Sales and Application Engineer) & Team, AGMATEL India Pvt. Ltd. |
| 1:30 pm - 2 pm | Lunch Break |
| Technical Session-II, Venue: Industrial Lab (GP-1) & Analytical Lab (GP-2) | |
| 2:00 pm - 5:00pm | “Hands-on training on Function Generator and Frequency Counter” by Mr. Mithun Chandra Das (Sales and Application Engineer) & Team, AGMATEL India Pvt. Ltd. |
| Day 2: Friday, 4 th October 2024 | |
| Technical Session-III, Venue: Industrial Lab (GP-1) & Analytical Lab (GP-2) | |
| 9:00 am - 1:00 pm | “Hands-on training on Digital Storage Oscilloscope (DSO)” by Mr. Mithun Chandra Das (Sales and Application Engineer) & Team, AGMATEL India Pvt. Ltd. |
| 1:00 pm-1:30 pm | Lunch Break |
| Technical Session-IV, Venue: Industrial Lab (GP-1) & Analytical Lab (GP-2) | |
| 1:30 pm -3:15 pm | “Hands-on training on Digital Storage Oscilloscope (DSO)” by Mr. Mithun Chandra Das (Sales and Application Engineer) & Team, AGMATEL India Pvt. Ltd. |
| Valedictory Session: Seminar Room, Ground Floor, Academic block | |
| 3:15 pm-3:45 pm | Invited Talk “Igniting innovation-Opening your IEEE student branch” Professor Rachana Garg, Head, Department of Electrical Engineering, Delhi Technological University and Chairperson, Students Activity Committee, IEEE Delhi Section |
| 3:45 pm-4:15 pm | Invited Talk “Women Empowerment- catalyzing change in next wave” Dr. Rashmi Agarwal, Department of Electrical Engineering, J C Bose University of Science and Technology, YMCA, Faridabad and Chairperson, Women in Engineering Affinity Group IEEE Delhi Section |
| 4:15 pm-4:30 pm | Certificate Distribution |
| 4:30 pm-4:40 pm | Vote of Thanks |