



National Conference  
on  
Emerging Micro/Nano-Electronics:  
Devices, Technology & VLSI Design (EMNE-2024)

7<sup>th</sup> & 8<sup>th</sup> November 2024

organised by

**Department of Electronic Science**  
Kurukshetra University, Kurukshetra

in association with

**Gurugram University, Gurugram**



**CERTIFICATE**

This is to certify that *Shubham Gupta* of Department of Physics, University of Rajasthan, Jaipur, participated & presented a paper entitled “*Deposition and Characterization of CZTS Thin Films by Sol-Gel Spin Technique*”, in National Conference on **Emerging Micro/Nano-Electronics: Devices, Technology & VLSI Design**, organized by Department of Electronic Science, Kurukshetra University, Kurukshetra, on 7<sup>th</sup> and 8<sup>th</sup> November 2024.

*Mukesh Kumar*

**Prof. Mukesh Kumar**  
Conference Chair  
Dept. of Electronic Science  
Kurukshetra University  
Kurukshetra 136119, Haryana

*Virender Singh*

**Prof. Virender Singh**  
Conference Co-Chair  
Dept. of Electronic Science  
Kurukshetra University  
Kurukshetra 136119, Haryana

*Sumit Choudhary*

**Dr. Sumit Choudhary**  
Conference Secretary  
Dept. of Engg. & Techn.  
Gurugram University  
Gurugram 122003, Haryana