

# Dr. Prashant Kumar

Associate Professor

## Contact

Electronics Department  
JCBUST, YMCA Faridabad,  
India 121006

E-mail: [pk.vlsi@gmail.com](mailto:pk.vlsi@gmail.com)  
Phone: 9968540450

## Skills

VLSI Design  
Semiconductor Devices  
EDA Tools

Associate Professor with 17 years of experience in VLSI Design, dedicated to curriculum innovation, research, and student mentoring. Skilled at aligning academic learning with industry needs through engaging teaching methods and practical exposure. Passionate about fostering academic excellence, guiding research, and preparing students with strong technical foundations and employability skills for future success.

## Work History

### *Associate Professor | Assistant Professor*

2008-  
Current

**J. C. Bose University of Science & Technology, YMCA Faridabad, (A Haryana State Government University)**

Associate Professor with 17 years of experience in VLSI Design curriculum development and delivery. Driven to contribute to program outcomes by facilitating engagement, supporting learning objectives, and fostering academic development. Served as Assistant Training and Placement Officer, honing expertise in student counselling, strategic career guidance, and industry collaboration, resulting in enhanced placement opportunities and stronger academia–industry linkages.

## Education

2000-2004 **B.Tech: Electronics And Communications Engineering**  
M D University - Haryana

2006-2008 **M.Tech.: VLSI Design**  
G J U University of Science & Technology - Haryana

2015-2021 **Ph.D.: Junctionless Semiconductor Devices**  
J C Bose University of Science & Technology, YMCA - Faridabad, Haryana

## Accomplishments

- Initiated targeted outreach and relationship-building initiatives to increase the number of recruiting companies visiting the university for placements, conducted career awareness programs that increased student placement significantly.
- Published 8 papers in SCI/SCIE Journals and 6 papers in SCOPUS/ESCI International Journals of repute.
- Holds 2 granted patents and 3 published patents in the areas of renewable energy and the Internet of Things (IoT)
- Presented about 60 papers in different Conferences across the country.
- Conducted 5 Faculty Development Programs.
- Conducted 3 session in the International Conferences of repute “DevIC 2023” and “DevIC 2025” at Government Engineering College, Kalyani, West Bengal and EDKCON 2024.
- Served as session chair in 5 International Conferences.