

# MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

## Department of Electronics and Communication Engineering

### Annual Report (2019–2020)

It is with great pride and satisfaction that I present the annual report of the Department of Electronics and Communication Engineering for the academic year 2023–2024. The department has made steady progress in academics, research, faculty development, and institutional contribution, reaffirming its commitment to excellence and innovation.

A major highlight of the year is the academic advancement of our faculty. **One faculty member has been awarded Ph.D. degree** during this academic year, which strengthens the department's academic foundation and promotes a culture of advanced research. Their work contributes significantly to the department's thrust areas and opens up new avenues for collaborative research and funding opportunities.

In addition, we acknowledge the efforts of our supporting staff, among whom **three members have successfully completed higher education programs**, thereby enhancing their professional skills and contributing more effectively to academic and laboratory operations.

We are also honoured to recognize the **long and dedicated service of five senior faculty members**, who have each completed **15 years** at our institution. Their steadfast commitment, leadership, and mentorship have been pivotal to the growth and sustained excellence of the department.

Research and publication continue to be a priority. During the year, our faculty have published **45 papers** in reputed national and international journals and conferences. These publications reflect the diversity and depth of research being undertaken, spanning areas such as IoT, embedded systems, digital signal processing, and communication systems. In a significant achievement, **one patent** has also been filed, showcasing the department's potential in innovation and intellectual property generation.

The department has also promoted a culture of continuous learning through faculty development programs, student workshops, industry interactions, and participation in professional societies such as IEEE, IETE, and ISTE. These activities have enriched the academic environment and fostered a well-rounded educational experience for our students.

As we close the academic year 2023–2024, we remain committed to driving quality education, impactful research, and holistic development. I take this opportunity to thank the faculty, staff, and students for their consistent efforts and look forward to greater accomplishments in the coming years.

**Dr. (Prof.) Sunil Kumar**

Head of the Department

Electronics and Communication Engineering

List of Faculty members who have completed PhD after 5 Sept. 2019					
S. No.	Faculty Name	Topic	University	Guide Name	Date of Award
1	Dr. Himanshu Khanna	Performance Evaluation of FSO and mixed RF-FSO systems using various relaying protocols for different channel conditions	Northcap University (NCU), Gurugram, Haryana, India	Prof. Swaran Ahuja and Prof. Mona Aggarwal	Month: January Year: 2020

Details of Paper Published in Journal (International/National) after 5 Sept. 2019		
S. No.	Faculty Name	Number of quality publications in refereed/SCI Journals, Conferences
1	Prof. R.S. Gupta	8
2	Prof. Sunil Kumar	2
4	Dr. Himanshu Khanna	1
5	Mr. Amit Saxena	1
6	Dr. Navneet Yadav	4
7	Ms. Anubha Goel	7
8	Mr. Umesh Chandra Singh	1
9	Mr. S.K. Kundu	4
10	Mrs. Rajni Gulati	8
11	Mrs. Kanika Aggarwal	1
12	Mrs. Sumedha Gupta	1
15	Mrs. Neeraj Malik	1
16	Mrs. Shalu Garg	2
17	Mrs. Anamika Jain	2
18	Mr. Sudarshan Kumar	2

15 Year Completed Members		
S.No.	Faculty Name	Date of Joining
1	Mr. Amit Saxena	27 Jul 2005
2	Mr. Praveen Kumar Choudhary	17 August 2005
3	Mrs. Divya Goel	17-Aug-05
S. No.	Staff Name	Date of Joining
1	Mr. R.K. Bhan	16-Sep-04