



BIRLA INSTITUTE OF TECHNOLOGY

MESRA, RANCHI - 835215 | WWW.BITMESRA.AC.IN

ELECTRONICS & COMMUNICATION ENGINEERING

Placement Brouchure
— 2022-2023 —



About the department

The Department of Electronics and Communication Engineering is one of the largest departments of the institute having largest student and faculty strength. Due to its modern infrastructure and exposure given to the students, it is one of the elite departments in India.



Programmes Offered

B.Tech.

M. Tech. in 3 specializations:

- Instrumentation & Control Engineering
- Microwave
- Wireless Communication

PhD.

Laboratories

FACILITIES

- The department has a state-of-the-art Advanced Instrumentation lab that includes data acquisition cards from National Instruments and LabVIEW software for real-time calibration and measurement experiments.
- The International Center for Wireless & Mobile Communications has been merged with Electronics and Communication Engineering Division under the Asia-Link Program.



LABORATORIES

Analog and Digital Communication
Circuit Simulation, Microprocessor
Fibre Optics Communication
Instrumentation
VLSI Design
Wireless Networking, Microwave
Advanced Communication
Antenna Design
Microwave Integrated Circuit (MIC)



Achievements

Smart health monitor prototype

- Prototyping a low-cost, micro, smart health monitor for patients, with a cloud system to address issues caused by inadequate primary health care and ongoing care in underdeveloped rural areas.

Design of data glove

- Students of the department developed a data glove that helps people with special abilities to communicate more easily. It recognizes consistent Indian sign language as well as dynamic gestures used in daily life and converts it into speech.
- Students have developed a model for detection of parkinson's disease using speech signals and machine learning



Internships & Trainings

INDUSTRIES

Microsoft
Adrosonic
Synopsys
Atlassian
Oracle
Cisco
Nxp
KPMG
Fastnel
Walmart
ZS Associate
Siemens
Samsung
PwC

Philips
Wells Fargo
Cognizant
Accenture
Steradian Semiconductor
American Express
TATA
ST Microelectronics
Infineon
Paytm
Publicis Sapient
Logic Fruit
Addverb

INSTITUTES

Illinois Institute of Technology,
Chicago
IIT, Bombay
IIT, Ropar
IIT, Hyderabad
IIT, Indore
IIM Lucknow
ICTS, Bangalore
ISI, Calcutta

Our Proud Recruiters

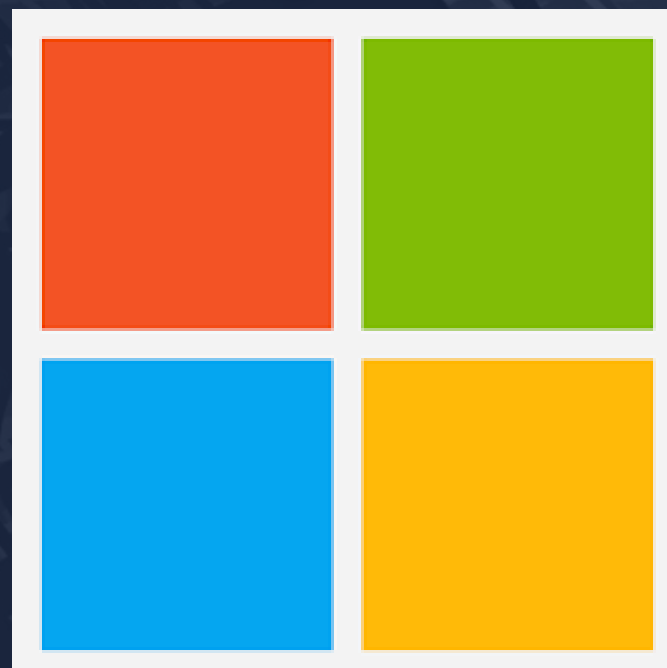


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WELLS
FARGO



SAMSUNG



SIEMENS



THANK YOU

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