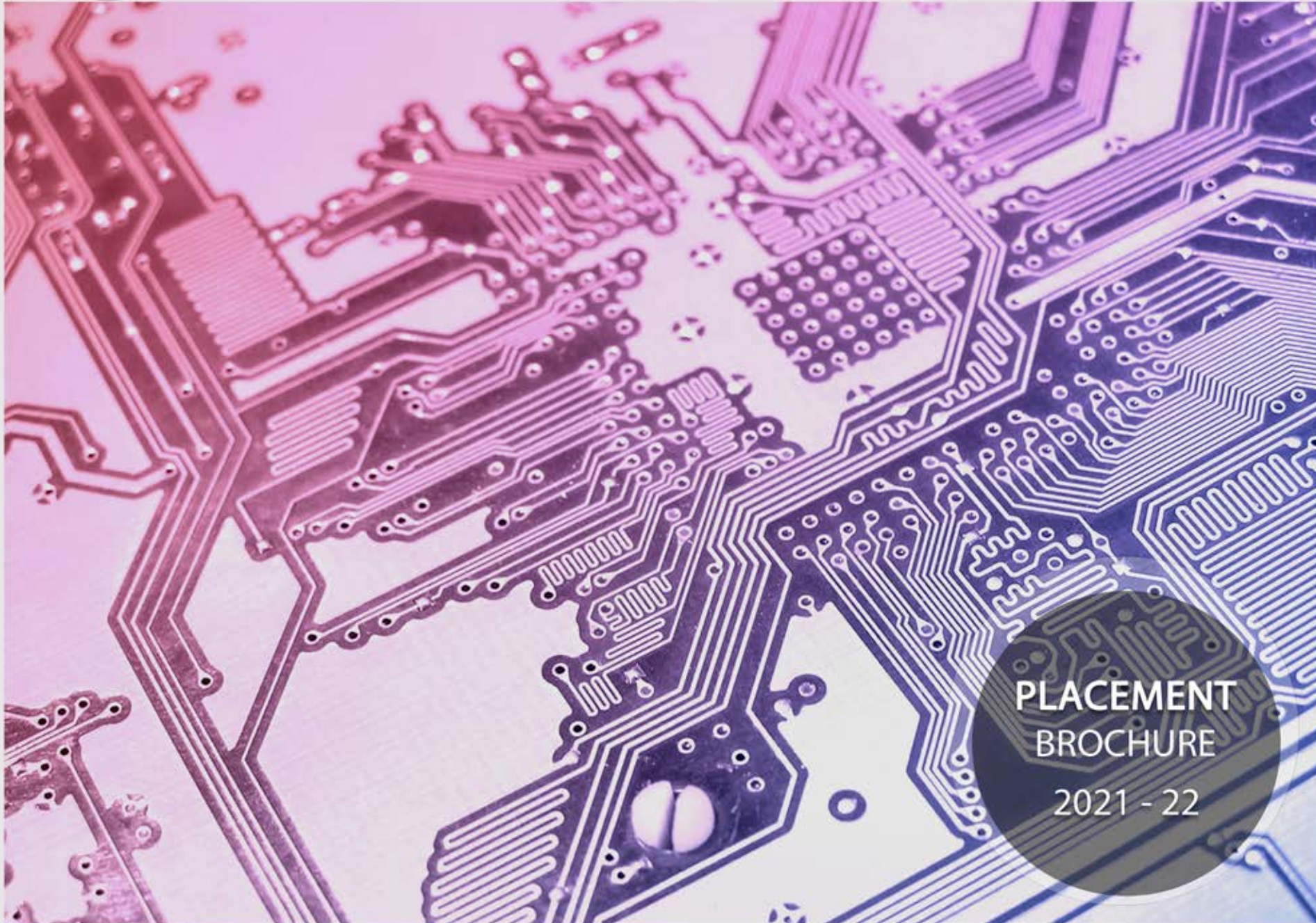




# BIRLA INSTITUTE OF TECHNOLOGY, MESRA

[www.bitmesra.ac.in](http://www.bitmesra.ac.in)



PLACEMENT  
BROCHURE  
2021 - 22

*Department of*  
**COMPUTER SCIENCE & ENGINEERING**



## Programmes Offered :

### *Undergraduate Programmes*

- B.E. (Computer Science and Engineering)
- B.E. (Information Technology)

### *Post-Graduate Programmes*

- M.Tech. (Computer Science)
- M.Tech. (Information Technology)
- M.Tech. (Information Security)
- Master of Computer Application (MCA)
- Integrated M.sc. (Maths & Computing)

### *Doctoral Programmes*

- Ph.D.



The department of computer science and Engineering was established in the year 1983 and is now recognised as one of the leading departments with infrastructure and facilities to match the very best in the country.

The department remains committed towards mission, which is two fold. One is to provide students with the solving skills in computer science required for a fulfilling career The other goal is to create and disseminate knowledge to improve computer science research, education and practice.

The department strives to be recognised for outstanding education and research, leading to excellent professionals and innovators in the field of computer science and Engineering who can positively contribute to the society.



Comprehensive and productive research is carried on in several fields like –

### Publications :

- Agarwal, P., Singh, S. P., & Shrivastava, P. (2021). A Safe and Resilient Cryptographic System for Dynamic Cloud Groups with Secure Data Sharing and Efficient User Revocation. Turkish Journal of Computer and Mathematics Education (TURCOMAT), 12(3), 5164–5175.
- Ahmed, Q, W., Garg, S. (2021). Energetic Data Security Management Scheme using Hybrid Encryption Algorithm over Cloud Environment. Turkish Journal of Computer and Mathematics Education (TURCOMAT), 12(6), 201–208.
- Saha, S. K. (2021). Towards development of a system for automatic assessment of the quality of a question paper. Smart Learning Environments, 8(1).
- Alpana, Chand, S., Mohapatra, S., & Mishra, V. (2021). An intelligent system to identify coal maceral groups using markov-fuzzy clustering approach. Journal of Intelligent & Fuzzy Systems, 1–7.
- Ankur Priyadarshi, Sujan Kumar Saha. (2021 – in press). The First Named Entity Recognizer in Maithili: Resource Creation and System Development. Journal of Intelligent and Fuzzy Systems.

### Research Areas :

- Artificial Intelligence
- Machine Learning
- Parallel Computing
- Image Processing
- Intelligent Systems
- IoT and Cloud Computing
- Software Engineering
- Soft Computing
- Data Mining
- Pattern Recognition
- Distributed Systems
- Cyber Security
- Natural Language Processing
- Information Retrieval Systems
- Evolutionary Computing
- Health Informatics



## **ACM STUDENTS CHAPTER - BIT MESRA**

The student chapter of ACM in BIT Mesra. Focussed for the development of coding and algorithmic skills of students.

## **IEEE STUDENT BRANCH - BIT MESRA**

The student branch of IEEE International in BIT Mesra. Focussed on multidisciplinary technical development.

## **IET ON CAMPUS - BIT MESRA**

IET's campus chapter in BIT Mesra. Focussed on development of skills through modern technology.

## **HACK-A-BIT - A TECHNICAL HACKATHON**

With participation from colleges across the nation and developers agnostic to languages and frameworks, you'll not only be brainstorming, but also witnessing a plethora of cool ideas.

## **SOCIETY FOR DATA SCIENCE - BIT MESRA**

Society for Data Science, BIT Mesra was started in the session 2019-20 following the efforts of the students and the faculties of the college to curate and organize the efforts of all Data Science and Statistics enthusiasts in the institution.

- ▶ Positive results in Google Summer of Code 2021, 2020, 2019, 2018, 2017 and 2016. Google Summer of Code is a global program focused on bringing more student developers into open source software development.
- ▶ Team comprising of two students wrote a research paper on Enhanced Energy Efficient OSPF algorithm for Wireless Sensor Network. It was presented at 2nd International Conference on Inventive Communication and Computational Technologies (ICICCT 2018) conference and accepted to be published in IEEE Xplore.
- ▶ Students participated in STACK the Flags 2020 organised by Govtech CSG, Singapore and grabbed the first position.
- ▶ Team of three participated and qualified nationals in SMART INDIA HACKATHON 2020 and 2019.
- ▶ Active participation in online coding contests by most of the students. Clubs like ACM, IET and IEEE promote learning and exposure.
- ▶ Positive results in ACM-ICPC and SnackDown every year. Students participated in many competitive contests like Airtel Crack the Code, Circuits (hackerearth), (codechef) and ranked in top 50.
- ▶ A team of 3 students participated in the Collegiate Cyber Threat Challenge, organised by Delloite and bagged the first position.
- ▶ Students participated in Codess, a hackathon organized by Microsoft and bagged the first position.
- ▶ Finalists of Cybrics 2019 organised by ITMO Russia.



Whether a firm requires candidates for internship or fresh talent for recruitments, the department ensures that student have varied sense of understanding of current methods and operating procedures . To facilitate the students with new advancements students are provided subsequent internships during summer and winter break and also ensures that industrial visit is over the period of semester.

**Following companies offered our students internship :**

- MAQ
- Amazon
- Walmart Labs
- Intel
- Times Internet
- GEP
- Yellow Class
- Anchanto
- Atlassian
- FICO
- Cropin
- PayTM
- VMware
- Wells Fargo
- Infineon
- Samsung
- ZS Associates
- Goldman Sachs
- Mentor Graphics
- OYO
- Deloitte
- Publicis Sapient
- Truminds
- Nvidia
- Ab inBev
- Microsoft
- Adrosonic
- SAP
- Adobe
- Amadeus Lab
- Amdocs
- Analytics Quotient
- Arcesium
- Axis Bank
- Carwale
- Capegemini
- Cybage
- Cognizant
- Directi
- Fastenal
- Wipro
- IBM
- Infosys
- LinkedIn
- Microland
- Oracle
- Future Firsts
- Reliance
- Mu Sigma
- TATA Steel
- PWC
- Salesforce
- VISA
- Verizon
- HyperVerge
- MakeMyTrip

**and many more**



*Few of our proud*  
**RECRUITERS**





*Few of our proud*  
**RECRUITERS**





**Thank You**

*for your Time & Attention !*

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**Contact Us :**

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