

# E4I

EDUCATION\_4.0 FOR INDUSTRY\_4.0  
THROUGH EMERGING TECHNOLOGIES IN  
COMPUTER SCIENCE AND ENGINEERING

Admissions Open for  
**2021-22**  
Academic Year

We offer B.Tech. CSE or B.Tech. CSE  
(Hons.) in the following specializations:

- B.Tech. CSE or B.Tech. CSE (Hons. in Artificial Intelligence and Machine Learning)
- B.Tech. CSE or B.Tech. CSE (Hons. in Data Science)
- B.Tech. CSE or B.Tech. CSE (Hons. in Internet of Things)
- B.Tech. CSE or B.Tech. CSE (Hons. in Cyber Security)



Estd.: 2011  
Code-286

# ST. MARY'S TECHNICAL CAMPUS KOLKATA

Approved by AICTE, Permitted by Govt. of W.B., Affiliated to MAKAUT

Saibona Village, Near West Bengal State University, Ichapur Nilgunge Gram Panchayat,  
North 24 Parganas District, Barasat, Kolkata - 700126



- B.Tech. Civil Engineering
- B.Tech. Artificial Intelligence and Data Science
- B.Tech. CSE (Hons. In Data Science)
- B.Tech. CSE (Hons. In AI & ML)

- MBA in Big Data Analytics
- MBA in Digital Marketing

- Diploma in Civil Engineering
- Diploma in Web Designing
- Diploma in Computer Science & Engineering

- HMCT in Hospitality and Tourism Administration

**Tuition Fees: Rs.60,000/- per year for B.Tech, Rs.60,000/- per year for MBA and Rs.30,000/- per year for Diploma and 50,000/- per year for HMCT)**



## Engineering Education in India - Perspectives of AICTE

Proxy indicators such as venture capital investments and engineering R&D investments by large companies for forecasting future technology shows a clear trend towards software and internet industries, healthcare services, and medical devices and semiconductor industry. They also clearly indicate that emerging engineering technologies such as Artificial Intelligence (AI), Machine Learning (ML), Internet of Things (IoT), Data Science (DS), Cyber Security (CS), etc. are growing at a rapid pace as compared to traditional technologies.

## Directives of National Education Policy 2020

India must also take the lead in preparing professionals in cutting-edge areas that are fast gaining prominence, such as Artificial Intelligence (AI), 3-D Machining, Big Data Analysis, and Machine Learning, in addition to Genomic Studies, Biotechnology, Nanotechnology, Neuroscience, with important applications to health, environment, and sustainable living that will be woven into undergraduate education for enhancing the employability of the youth.

## NASSCOM 'Future Skills' Projections

- The total demand for AI & Big Data Analytics roles for 2018 is (-)5,10,000 and for 2021 is (-) 8,00,000
- In the next 5 years from 2019 onwards 1 million existing IT workforce needs to be re-skilled and another 1 million freshers needs to be employed and the demand will continue to be increased in future.

## Estimated Job Opportunities as per World Economic Forum

Name of the Course	Jobs by 2025	Salary
Artificial Intelligence & Data Science	13 Lakhs	5L - 14 L Per annum
Artificial Intelligence & Machine Learning	23 Lakhs	7L - 24 L Per annum
Internet of Things	12 Lakhs	5L - 15 L Per annum
Cyber Security	10 Lakhs	8L - 24 L Per annum
Data Science	20 Lakhs	5L - 14 L Per annum

## Kolkata Campus

### St. Mary's Technical Campus Kolkata

Saibona Village, Near West Bengal State University, Ichapur Nilgunge Gram Panchayat, North 24 Parganas District, Barasat, Kolkata - 700126

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