

# Department of **Computational Sciences & Mathematics**

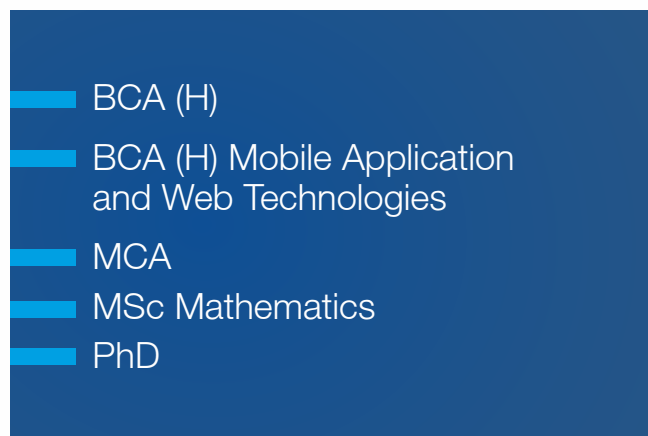
**GET READY**

**F  
O  
R  
  
A  
  
R  
E  
W  
A  
R  
D  
I  
N  
G  
  
C  
A  
R  
E  
E  
R**



## School of Computational & Applied Sciences

# Department of Computational Sciences Department of Mathematics



### Salient Features

- State-of-the-art infrastructure with advanced research lab facilities
- Bridge course on English and Mathematics (for non-science background students)
- Value-Added Courses to be offered
- Live Projects/Internship/Industrial Training with participation certificate under WebGuru Infosystems
- NEP 2020
- Skill Enhancement Courses
- Ability Enhancement Courses
- Industry Visit : Association with 10+ Industry and Academic Institutions
- Routing & Switching with CISCO
- Cutting-edge technologies in syllabus and Value Added Course on Data analytics. Internet of Things, Cloud Computing, Mobile App Development, Web Technologies
- Industry oriented degree: Specialized graduation Program aimed at preparing students for mobile application and web technologies at leading MNCs
- Industry Experienced Professionals as Trainers: The faculty for this course come with a long industry experience in this field from Webguru Infosystems
- Industry collaboration: Webguru Infosystems
- Intel Server Lab: Only University in West Bengal where students can access emerging technologies.
- Digital-first curriculum with AI tools
- Transforming interdisciplinary concepts into impactful solutions through cutting-edge innovation labs

### Specialisation Scope

- Artificial Intelligence
- Introduction to Internet of Things (IoT)
- Introduction to Data Sciences
- Data Warehousing and Data Mining
- Big Data Analysis
- Natural Language Processing
- Applied Data Science
- Deep Learning
- Operating System
- Programming in JAVA
- Web Designing
- PHP and MySQL
- Android Programming
- R Programming
- Interactive Web Designing
- Advanced Java
- PHP with Laravel
- Project Management

### Specialisation Scope (Mathematics)

- Fuzzy Logic
- Module Theory
- Measure and Probability Theory
- Analytical Number Theory
- Harmonic Analysis
- Algebraic Topology
- Dynamical systems
- Fluid Mechanics
- Discrete Structures
- Manifolds and Applications
- Mathematical Modelling
- Coding Theory
- Applied Statistics
- Automata & Formal Languages
- Cryptography

### Programme Highlights

- Mobile applications
- Mongo DB
- PHP Framework
- Advance Java (Spring, Hibernate)
- Social Media Analytics with R
- Angular with NodeJS, RestJS
- R Programming
- E-Commerce with payment gateway

### Live Projects & Internships



### Institute-Industry Collaborations



### Some well placed students



Suman  
BCA

**Deloitte.**



Snehadip  
BCA



Pradipta  
BSc (CS)

**Infosys**



Sahil  
BCA



Mouli  
BCA



Souvik  
BCA



Indrajit  
BCA



Sreemoi  
BCA



Ankita  
BCA



Lipika  
MCA







Visit us



## BRAINWARE UNIVERSITY

Barasat Campus : 398, Ramkrishnapur Road, Barasat, Near Jagadighata Market, Kolkata, West Bengal 700125



[info@brainwareuniversity.ac.in](mailto:info@brainwareuniversity.ac.in)



[/brainwareuniversity](https://www.facebook.com/brainwareuniversity)



[/brainwareuniversitykolkata](https://www.youtube.com/brainwareuniversitykolkata)



[/brainwaregroup](https://www.whatsapp.com/channel/00000000000000000000/brainwaregroup)



[/BrainwareTweet](https://twitter.com/BrainwareTweet)