

GET READY FOR A REWARDING CAREER

- Engineering Biotechnology & Biosciences
- Allied Health Sciences
- Nursing Law Agriculture
- Computational & Applied Sciences
- Management & Commerce
- Humanities & Social Sciences
- Communication, Multimedia & Film Studies



Brainware University is a leading private University established on February 25, 2016 under the West Bengal Act XXXI of 2015 as Brainware University Act, 2015 passed by the West Bengal Legislature. It is a UGC recognized unitary university with the right to confer degrees as per Section 22(1) of the UGC Act, 1956.



Mr. Phalguni Mookhopadhayay Our Chancellor, a man of vision

A self-taught digital artist, versatile photographer, weekend singer and documentary filmmaker, Phalguni Mookhopadhayay is the founder-chancellor of Brainware University, founder-chairman-and-managing director of BrainwareConsultancy Private Limited and Webguru Infosystems Private Limited.

Born on February 28, 1955 at Uttarpara, Hooghly in West Bengal, he did his schooling at Ramakrishna Mission Vidyalaya, Narendrapur and graduated with honours in Economics from St Xavier's College, Kolkata.

He completed his masters in Economics from Calcutta University and MBA from IISWBM, before joining Hindustan Lever as a management trainee.

He worked as a market planner for the ABP group for nearly a decade before striking out on his own and blazing a trail with Brainware, where he is a hands-on chancellor.

FROM **THE** VICE CHANCELLOR'S DESK

"Brainware University is based on a strong foundation of modern infrastructure, qualified faculty, active learning processes and penchant for scholarly research. It is a hub of multidisciplinary education that offers a wide range of academic programmes, starting from graduation, through post-graduation in IT, Management, Skills, Humanities and Science.

The University actively encourages a culture of openness to help each student gain mastery over his or her discipline, develop vision, attitude and aptitude, upgrade knowledge and skills, instil a sense of competitiveness, as well as creative expressions. Our focus is to create responsible technologists, leaders, teachers, entrepreneurs and creative personnel, who will drive society and the economy.

The aim is not just to create good scholars, but rather, stellar human beings.

I welcome you all to join our vibrant student community."



Dr Sankar Gangopadhyay



About Brainware

The journey started in 1990 as a computer training centre and in **the** past 32 years, Brainware has created milestones of academic excellence and unbeatable placement records.

Vision

Quality education at affordable fees. Target group: Meritorious students from middle-class economic strata

Salient Features

Job-oriented courses.
Pre-placement training.
Placement assistance. Personalised care and attention to all students.
Trained Faculty.





WebGuru Infosystems, a sister concern of the Brainware Group. WebGuru Infosystems has been providing web solutions since 2005. It is a web-services export house, specialising in corporate branding, web programming, ecommerce, web designing, mobile application development and digital marketing. An ISO 900:2015-certified company, WebGuru has been rendering over16 years of services, with a clientele base across 35+ countries.

Clients in over

35 countries

16 years of

experience

BRAINWARE UNIVERSITY

About Us

Brainware University Kolkata, a part of a 30-year-old leading education group, Brainware of West Bengal, started with the aim of contributing to nation-building through research, innovation and quality education.

It is the brainchild of Mr Phalguni Mookhopadhayay, its hands-on chancellor, whose acumen and vision have transformed Brainware University into one of the best crucibles of learning in a short period of five years. Established in 2016 as a UGC-recognised, private state university in West Bengal, Brainware University offers over 55 PhD, PG, UG, Diploma and Skills programmes to over 10,000 students on its state-of-the-art, sprawling, green, ragging-free campus.

World-class infrastructure, modern labs and workshops, emphasis on research and extension activities, a team of highly qualified faculty, exhaustive pre-placement grooming, soft skills training, an efficient placement cell, pan-India network of **recruiters** and consultants, excellent placements that aim at a magic figure of 100% and equal stress on academics and discipline are the hallmarks of this institution of excellence.

Recognition & Approvals



UNIVERSITY GRANTS COMMISSION (UGC)

Brainware University is recognised by University Grants Commission (UGC), a statutory body of the Government of India established for the coordination, determination and maintenance of standards of university education in India.



PHARMACY COUNCIL OF INDIA (PCI)

Pharmacy Council of India (PCI) has approved the B.Pharm and D.Pharm programmes of Brainware University.



BAR COUNCIL OF INDIA (BCI)

BAR Council of India (BCI) has approved all Law programmes of Brainware University.



WEST BENGAL NURSING COUNCIL (WBNC)

West Bengal Nursing Council (WBNC) has approved all nursing programmes of Brainware University.



INDIAN NURSING COUNCIL (INC)

India Nursing Council (INC) has approved all nursing programmes of Brainware University.

Recognition & Approvals



Ministry of MSME has recognized Brainware University as Host Institute to setup/establish Business Incubation (BI) to provide support for Entrepreneurial and Managerial Development of MSMEs.



Brainware University is now recognised by Department of Scientific and Industrial Research as Scientific & Industrial Research Organization.



Brainware University participated in 'one student- one tree' campaign, Fit India movement and Swatchta Hi Sewa campaign initiated by the HRD Ministry of India.



Brainware University has been selected by Unnat Bharat Abhiyan, Ministry of Education for the Perennial Fund award out of 289 institutions for effective delivery of Unnat Bharat Abhiyan.



ASSOCIATION OF INDIAN UNIVERSITIES (AIU)

The AlU Governing Council in its 349th Meeting, granted provisional membership of the Association of Indian Universities (AlU) to Brainware University, Barasat.

Our	programmes
at a	glance

PhD	PG	UG	Diploma
Programmes	Programmes	Programmes	Programmes
06	16	26	09

LATERAL ENTRY available for all undergraduate and postgraduate programmes

Computer Science & Engineering

Programmes	Eligibility	Duration	Fee(₹)
PhD	55% marks or equivalent grade in two years Master's or MPhil degree in the relevant discipline		1.00 Lac/ annum
MTech	50% marks or equivalent grade in B.E. / BTech / AMIE / AMIETE in CSE / IT / MCA / MSc in CS / IT	2 years	2,04,800
BTech (CSE) - Artificial Intelligence and Machine Learning	55% marks or equivalent grade in '10+2' examination with minimum 45% marks or equivalent grade in any three subjects taken together (Physics/Chemistry/Mathematics /CS/Electronics/IT/Biology/Informatics Practice/Biotechnology /Technical Vocational Subjects/Agriculture/Engg. Graphics /Business Studies/Entrepreneurship) with individual pass marks in both theory and practical & pass marks in English	4 years	4,34,600
BTech (CSE) - Data Science	55% marks or equivalent grade in '10+2' examination with minimum 45% marks or equivalent grade in any three subjects taken together (Physics/Chemistry/Mathematics/CS/Electronics/IT/Biology/Informatics Practice/Biotechnology/Technical Vocational Subjects/Agriculture/Engg. Graphics/Business Studies/Entrepreneurship) with individual pass marks in both theory and practical & pass marks in English	4 years	4,34,600
BTech LE	45% marks or equivalent grade in relevant Diploma or BSc	3 years	2,06,200



MTech Programmes

Programmes	Eligibility	Duration	Fee(₹)
MTech in Computer Science & Engineering	50% marks or equivalent grade in B.E. / BTech / AMIE / AMIETE in CSE / IT / MCA / MSc in CS / IT	2 years	2,04,800
MTech in Electronics & Communication Engineering	50% marks or equivalent grade in B.E. / BTech / AMIE / AMIETE in ECE/EE/EEE	2 years	2,04,800
MTech in Electrical Engineering	50% marks or equivalent grade in B.E. / BTech / AMIE / AMIETE in ECE/EE/EEE	2 years	2,04,800
MTech in Mechanical Engineering	50% marks or equivalent grade in B.E. / BTech / AMIE / AMIETE in Mechanical / Production /Instrumentation /Mechatronics / Metallurgical	2 years	2,04,800
MTech in Civil Engineering	50% marks or equivalent grade in B.E. / BTech / AMIE / AMIETE in CE	2 years	2,04,800



Biotechnology

Programmes	Eligibility	Duration	Fee(₹)
MSc Microbiology	40% marks or equivalent grade in graduation with biology/biotechnology/microbiology/food science/agriculture as subject	2 years	1,64,800
MSc Biotechnology	40% marks or equivalent grade in graduation with biology/biotechnology/microbiology/food science/agriculture as subject	2 years	1,64,800
BSc (H) Biotechnology	55% marks or equivalent grade in '10+2' examination with Chemistry and Biology as compulsory subjects	3 years	2,97,200



Management

Programmes	Eligibility	Duration	Fee(₹)
PhD	55% marks or equivalent grade in two years Master's or MPhil degree in any discipline		1.00 Lac/Annum
MBA	40% marks or equivalent grade in graduation in any discipline	2 years	3,84,800
BBA	50% marks or equivalent grade in '10+2' examination	3 years	2,97,200
BBA in Digital Marketing	50% marks or equivalent grade in '10+2' examination	3 years	3,07,200
BBA in Hospital Management	50% marks or equivalent grade in '10+2' examination	3 years	3,37,200
BVOC (Retail and Sales Management)	45% marks or equivalent grade in '10+2' examination	3 years	1,87,200

Commerce

Programmes	Eligibility	Duration	Fee(₹)
PhD	55% marks or equivalent grade in two years Master's or MPhil degree in any discipline		1.00 Lac/Annum
MCom	40% marks or equivalent grade in graduation (Commerce)	2 years	1,24,800
BCom (Hons) in Banking and Finance	50% marks or equivalent grade in '10+2' examination (Commerce/ Science)	3 years	1,77,200



Law [BCI Approved]

Programmes	Eligibility	Duration	Fee(₹)
LLM	45% marks or equivalent grade in LLB, 42% for OBC & 40% for SC/ST	2 years	1,54,800
LLB	45% marks or equivalent grade in graduation (any discipline), 42% for OBC & 40% for SC/ST	3 years	2,37,200
BBA LLB	45% marks or equivalent grade in '10+2' examination (any discipline), 42% for OBC & 40% for SC/ST	5 years	4,72,200

Pharmaceutical Technology [PCI Approved]

Programmes	Eligibility	Duration	Fee(₹)
BPharm (along with value added course:Diploma in Pharmaceutical Management)	55% marks or equivalent grade in '10+2' examination with minimum 45% marks or equivalent grade in Physics, Chemistry, Biology/Mathematics, English with individual pass marks in both theory and practical	4 years	6,10,800
BPharm LE	45% marks or equivalent grade in DPharm	3 years	4,06,200
Diploma in Pharmacy (DPharm)	50% marks or equivalent grade in '10+2' board examination with minimum 45% marks or equivalent grade in Physics, Chemistry, Biology/Mathematics, English with pass marks in both theory and practical for each subject	2 years	2,27,400



Allied Health Sciences

Programmes	Eligibility	Duration	Fee(₹)
Bachelor of Optometry	55% marks or equivalent grade in '10+2' examination with individual pass marks in both theory and practical in Physics, Chemistry, Biology and English and upper age limit is 40 as on 31st December, year of admission	3 years + 1 year Internship	3,37,200
Bachelor of Physiotherapy	55% marks or equivalent grade in '10+2' examination with individual pass marks in both theory and practical in Physics, Chemistry, Biology and English and upper age limit is 40 as on 31st December, year of admission	4 years + 6 months Internship	3,39,600
BSc in Medical Lab Technology	55% marks or equivalent grade in '10+2' examination with individual pass marks in both theory and practical in Physics, Chemistry, Biology and English and upper age limit is 40 as on 31st December, year of admission	3 years + 6 months Internship	3,17,200
BSc in Physician Assistant	55% marks or equivalent grade in '10+2' examination with individual pass marks in both theory and practical in Physics, Chemistry, Biology and English and upper age limit is 40 as on 31st December, year of admission	3 Years + 1 year Internship	3,37,200
BSc in Medical Radiology & Imaging Technology	55% marks or equivalent grade in '10+2' examination with individual pass marks in both theory and practical in Physics, Chemistry, Biology and English and upper age limit is 40 as on 31st December, year of admission	3 Years + 6 months Internship	3,17,200



Allied Health Sciences

Programmes	Eligibility	Duration	Fee(₹)
BSc in Operation Theatre Technology	55% marks or equivalent grade in '10+2' examination with individual pass marks in both theory and practical in Physics, Chemistry, Biology and English and upper age limit is 40 as on 31st December, year of admission	3 Years + 1 year Internship	3,17,200
BSc in Critical Care Technology	55% marks or equivalent grade in '10+2' examination with individual pass marks in both theory and practical in Physics, Chemistry, Biology and English and upper age limit is 40 as on 31st December, year of admission	3 Years + 1 year Internship	3,17,200
Diploma in Medical Lab Technology	50% marks or equivalent grade in '10+2' board examination with Physics, Chemistry, Biology with pass marks in both theory and practical in each subject & pass marks in English and upper age limit is 40 as on 31st December, year of admission	2 years 6 months	1,14,800
Diploma in Radiography Diagnostic	50% marks or equivalent grade in '10+2' board examination with Physics, Chemistry, Biology with pass marks in both theory and practical in each subject & pass marks in English and upper age limit is 40 as on 31st December, year of admission	2 years	1,14,800



Institute of Nursing [INC and WBNC Approved]

Programmes	Eligibility	Duration
BSc Nursing	50% marks or equivalent grade in '10+2' examination with individual pass marks in both theory and practical in Physics, Chemistry, Biology and English and age between 17 to 27 years as on 31 st December, year of admission. Only female candidates can apply	4 Years
GNM (General Nursing and Midwifery)	50% marks or equivalent grade in '10+2' board examination (any discipline) and age between 17 to 27 years as on 31 st December, year of admission. Only female candidates can apply	3 years

Computational Science

Programmes	Eligibility	Duration	Fee(₹)
PhD in Computer Science	55% marks or equivalent grade in two years Master's or MPhil degree from any recognised University in the relevant discipline		1.00 Lac/Annum
MCA	40% marks or equivalent grade in graduation with pass marks in Mathematics either in '10+2' examination or in graduation	2 years	2,24,800
BCA	55% marks or equivalent grade in '10+2' examination (any discipline)	3 years	3,07,200
BSc IT in Artificial Intelligence	50% marks or equivalent grade in '10+2' examination (Science/ Other streams with Mathematics, Statistics, Computer Science, IT or IT related subjects as one of the subjects)	3 years	3,28,700



Cyber Science & Technology

Programmes	Eligibility	Duration	Fee(₹)
MSc in Advance Networking & Cyber Security	40% marks or equivalent grade in graduation (any discipline) with knowledge in Basic Hardware & Networking	2 years	2,04,800
BSc (H) in Advance Networking & Cyber Security	50% marks or equivalent grade in '10+2' examination (any discipline)	3 years	2,27,200

Mathematics

Programmes	Eligibility	Duration	Fee(₹)
PhD in Mathematics	55% marks or equivalent grade in two years Master's or MPhil degree from any recognised University in the relevant discipline		1.00 Lac/Annum
MSc in Mathematics	40% marks or equivalent grade in graduation with Mathematics as a compulsory subject	2 years	74,800



Multimedia

Programmes	Eligibility	Duration	Fee(₹)
MSc in Animation & Multimedia	40% marks in any Graduation	2 years	3,24,800
BSc (H) in Animation & Multimedia	50% marks or equivalent grade in '10+2' examination (any discipline)	3 years	3,57,200

Media Science and Journalism

Programmes	Eligibility	Duration	Fee(₹)
MSc in Media Science & Journalism	40% marks or equivalent grade in graduation	2 years	2,04,800
BSc (H) in Media Science & Journalism	50% marks or equivalent grade in '10+2' examination (any discipline)	3 years	2,57,200



English & Literary Studies

Programmes	Eligibility	Duration	Fee(₹)
MA in English	40% marks or equivalent grade in graduation	2 years	74,800
BA (H) in English	50% marks or equivalent grade in '10+2' examination (any discipline)	3 years	1,27,200

Agriculture

Programmes	Eligibility	Duration	Fee(₹)
BSc (H) Agriculture	50% marks or equivalent grade in '10+2' examination with Physics and Chemistry and Biology / Botany / Zoology / Agriculture / Forestry / Maths as compulsory subjects	4 years	3,79,600



Our engineering diploma programmes at a glance

Programmes	Eligibility	Duration	Fee(₹)
Diploma in Computer Science & Engineering	40% marks or equivalent grade in Madhyamik examination from any recognised board	3 years	1,37,200
Diploma (Lateral) in Computer Science & Engineering	40% marks or equivalent grade in '10+2' board examination from Vocational Education Division or passed in 2 years' ITI at a stretch after Madhyamik or equivalent examination with 40% aggregate marks.	2 years	1,14,800
Diploma in Electronics & Communication Engineering	40% marks or equivalent grade in Madhyamik examination from any recognised board	3 years	1,37,200
Diploma in Electrical Engineering	40% marks or equivalent grade in Madhyamik examination from any recognised board	3 years	1,37,200
Diploma in Civil Engineering	40% marks or equivalent grade in Madhyamik examination from any recognised board	3 years	1,37,200
Diploma in Mechanical Engineering	40% marks or equivalent grade in Madhyamik examination from any recognised board	3 years	1,37,200



2021 - 22 Study Grants Scheme

Eligibility: *Candidate must possess minimum 60% throughout his/her academic career

For Programmes:

- Diploma in Computer Science & Engineering
- Diploma in Electronics & Communication Engineering
- Diploma in Electrical Engineering
- Diploma in Mechanical Engineering
- Diploma in Civil Engineering

Scholarship amount & criteria	
>= 60% - <70% Marks in 10	₹3,000
>= 70% - <80% Marks in 10	₹ 6,000
>= 80% - <90% Marks in 10	₹8,000
>= 90% Marks in 10	₹ 10,000





2021 - 22 Study Grants Scheme

Eligibility: *Candidate must possess minimum 60% throughout his/her academic career

For Programmes:

- BTech CSE: Artificial Intelligence & Machine Learning BTech CSE: Data Science
- BPharm BSc MLT BSc MRIT BOPTM BSc Physician Assistant
- Bachelor of Physiotherapy BSc OTT BSc CTT BSc(H) Biotechnology BSc(H) Agriculture

Scholarship amount & criteria:		
>= 60% - <70% Marks in 10+2	₹ 30,000	
>= 70% - <80% Marks in 10+2	₹ 50,000	
>= 80% - <90% Marks in 10+2	₹ 60,000	
>= 90% Marks in 10+2	₹ 70,000	

For Programmes:

- BSc(H) Advanced Networking & Cyber Security BSc(H) Media Science & Journalism
- BSc(H) Animation & Multimedia BCA BBA BBA Digital Marketing
- BBA Hospital Management BBA LLB BCom(H) in Banking & Finance

Scholarship amount & criteria	
>= 60% - <70% Marks in 10+2	₹ 15,000
>= 70% - <80% Marks in 10+2	₹ 30,000
>= 80% - <90% Marks in 10+2	₹ 40,000
>= 90% Marks in 10+2	₹ 50,000



2021 - 22 Study Grants Scheme

For Programmes:

BA(H) English

Scholarship amount & criteria:		
>= 60% - <70% Marks in 10+2	₹ 5,000	
>= 70% - <80% Marks in 10+2	₹ 10,000	
>= 80% - <90% Marks in 10+2	₹ 15,000	
>= 90% Marks in 10+2	₹ 20,000	

For all PG Programmes:

Scholarship amount & criteria:		
>= 60% - <70% Marks in 10+2+3	₹ 15,000	
>= 70% - <80% Marks in 10+2+3	₹ 30,000	
>= 80% - <90% Marks in 10+2+3	₹ 40,000	
>= 90% Marks in 10+2+3	₹ 50,000	

Note:

- * Scholarship is not applicable for Lateral & Ph.D candidates
- * Scholarship is not applicable for LLM, M.Sc Maths & MA English
- * Scholarship for LLB will be calculated as per PG programmes

RESERVATION POLICY

- a) Reservation policies of Department of Higher Education, West Bengal will be followed for admission in reserved seats for SC/ST/OBC-A/OBC-B/PwD.
- b) 5% relaxation in marks will be applied for all reserved category candidates (Except programmes under School of Law)



2021 - 22 Government Scholarship Scheme

Eligibility: *Candidate must possess minimum 60% throughout his/her academic career

- West Bengal Chief Minister's Relief Fund (Nabanna) Scholarship http://wbcmo.gov.in/
- Swami Vivekananda West Bengal Merit-Cum-Means Scholarship https://svmcm.wbhed.gov.in/
- Kanyashree Prakalpa(K1, K2)
 https://www.brainwareuniversity.ac.in/pdfs/Kanyashree%20Prakalpa.pdf
- West Bengal Minorities' Development & Finance Corporation http://wbmdfcscholarship.org/
- Scholarship for SC ST & OBC Students in West Bengal https://oasis.gov.in/
- National Scholarship
 https://scholarships.gov.in/





Tailormade programmes

Brainware University is driven by a vision of empowering students through education, research and innovation. Its 55+ state-of-the-art programmes are uniquely designed by both industry and academia



Exemplary teachers

Excellent faculty members who blend scientific training with research and development, tapping adequate facilities. They regularly rebuild skills through Faculty Development Programmes



Varsity-industry interface

Close interaction between the university and industry to help students acquire practical skills. Webinars and workshops, addressed by top industry experts, activate this effort.



Excellent placements

Pre-placement training imparts soft skills, thereby bridging the industry-academic gulf. Our excellent placement record has seen 97% students landing jobs in 2020, a pandemic year.



Clubs to tap talent

Extracurricular activities are designed to ensure overall personality development and talent clubs have been specially created for the purpose of honing skills of students in sundry spheres.



World-class infrastructure

The library is an ideal one, stocked with enough reference and audio-visual material for relevant research, while our laboratories are fully equipped. The campus showcases the best infrastructure



Focus on feedback

While a constant feedback mechanism helps the teachers learn, the students are satisfied with the 360-degree learning modules and exemplary placement effort, even in a pandemic year



Global certification mapped

Our courses are mapped to global certifications offered by Microsoft, Red Hat, Linux, Adobe, adding relevance. Software and hardware vendors design them to be practical and industry-specific



Value-added courses

The university offers optional value-added courses with every programme of their choice to enhance the employability skills of students and enrich their career prospects



Study grants

Students who are meritorious but not necessarily affluent are encouraged to avail of study grants and merit scholarships that are on offer. Every programme ensures value for money



Social outreach

Outreach activities help build awareness about social responsibilities. The university has adopted five villages and catering to their welfare forms the crux of this programme



Scope for entrepreneurs

The university nurtures an incubation cell to encourage entrepreneurship in students. Those eyeing start-up ventures can make the most of this opportunity

Unbeatable Placement Records



2018 92% PLACED 2019 95% PLACED 2020 97% PLACED Z021
TARGET
100%
PLACED



Pre-placement Training & Placement Bootcamps







Dr Shahid Siddiqi
Professor of Marketing &
International Business
MBA, Indian Institute of
Management Calcutta,
PhD, Wharton School,
University in Pennsylvania



Dr Bhaskar Das
Group President, Republic TV
Adjunct Professor,
SPJIMR Media Lab Mentor, MICA



Dr Bikash Chandra Sinha Padma Bhushan, Padma Shri Chairman of National Institute of Technology, Durgapur



Mr Rana Dasgupta CEO, Apollo Gleneagles Hospitals, Kolkata





Mahan Maharaj
Indian mathematician
Shanti Swarup Bhatnagar Award
Infosys Prize 2015 for
Mathematical Sciences



Prof. Ajoy Kumar Ray
Padma Shri
Ex Professor, IIT Kharagpur,
Former Director, IIEST Shibpur



Prof. Basab Chaudhuri Former Vice Chancellor, West Bengal State University



Swami Suvirananda Maharaj General Secretary and Chief Executive, Ramakrishna Math and Ramakrishna Mission



BSc(H) • MSc

Animation & Multimedia Media Science & Journalism



Career Opportunities

- Advertising Filmmaking Journalism Public Relations
- Publishing and Printing
 Radio Jockeying
 Video Jockeying
- Animator Designer Video Editor Photo Editor
- Web Developer
 Script Writer
 Advertising Manager
- Creative Manager
 Public Relations Manager
 Storyboard Artist

Programme Highlight

Animation & Multimedia

- Graphic design• Web design and development
- Photography & editing
 Drawing for animation
- 2D and 3D animation• Filmmaking & editing
- Sound designing
 VFX
 Motion graphics

Media Science & Journalism

- Newspaper & magazine editing
- Podcast, audio drama making
- Film shooting, editing Advertising layout
- Graphics & animation Blog, webpage designing
- Content creating and content writing
- Event planning & management

BSc (H) • MSc

Animation & Multimedia Media Science & Journalism



Special Features

Guidance from expert faculties of **SRFTI**



Curriculum mapped to
Certification

- Industry standard infrastructure with sound, photography and videography lab
- Tie-ups with different companies for Internship and Placements
- Internship with live projects
- Nurturing of special interests and hobbies through:
 - Photo Frame Photography Club
 - Deep Focus Cine Club
- Short-film making competition Deep Focus 72-Hour challenge
- Brainware Photowalk a walk for a noble cause
- Curriculum-based events and activities
- Webinars/seminars and workshops by experts from industry and academia.
- Newspaper and magazine editing
- Audio design software, podcast, audio drama making
- Film footage shoot/editing and filmmaking



Department of Computer Science and Engineering

PhD

Computer Science

MTech

Computer Science and Engineering

BTech

CSE: Artificial Intelligence & Machine Learning **CSE: Data Science**

Diploma

Computer Science and Engineering

Industry Scenario

- Additional employment opportunities with the Indian IT sector being the world's largest outsourcing destination.
- Compound Annual Growth Rate, 9.5% to \$300 billion by 2020 in the IT-BPM sector.
- Growth of the Indian IT sector is expected to rise and reach US \$ 350 billion by FY 2025.

Source: The Hindu Businessline

Programme Highlights

- Design and Analysis of Algorithms
- Data Structure Algorithm Database Management
- Python for ML & AI Cyber Law and Ethics
- Engineering Graphics & Design
- Python for Data Science Data Visualisation
- Cyber Law and Ethics Project Management



Salient Features

Programme curriculum mapped with





Practical training and projects cover Database Administration, OCP/OCA, System Maintenance





Incubation Centre in collaboration with



Academic collaboration with









Seminars/ workshops with Student chapter of IEEE

Career Options

- Software Developer
- Database Administrator
- Computer Hardware Engineer
- Computer Systems Analyst
- Computer Network Architect
- Web Developer
- Information Security Analyst
- Computer Programmer



PhD

Electronics & Communication Engineering

MTech

Communication Engineering

Diploma

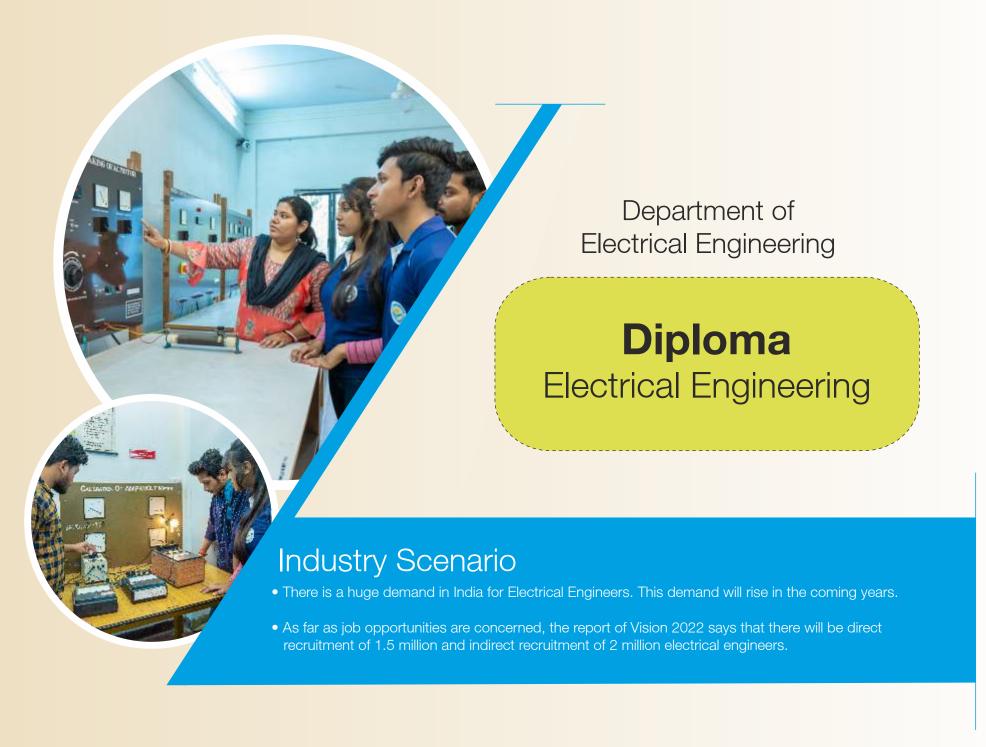
Electronics & Communication Engineering



Salient Features

- Value-added courses on Basic of Microprocessors, Signal and System, Data Structure and Algorithm by using Python
- Modern laboratory facilities for advanced research
- Exemplary teachers from industry and academia

- Junior Engineer
- Field Test Engineer
- Network Planning Engineer
- Electronics and Communications Consultant
- Customer Support Engineer
- Electronics Technician
- Telecommunication Engineer
- Software Engineer
- Service Engineer



DiplomaElectrical Engineering



Salient Features

- High Quality Lab (Parallel operation of Alternator Setup, ABCD Parameter of transmission line Setup, PSIM Software etc.)
- Workshops & Seminars on emerging technologies
- Industrial Training & Industrial Visit
- Special Classes for Competitive Exam Preparation
- Exemplary teachers from industry and academia

- Electrical Design Engineer
- Electrical Site Engineer
- Electrical Distribution Engineer
- Transmission Engineer



DiplomaMechanical Engineering



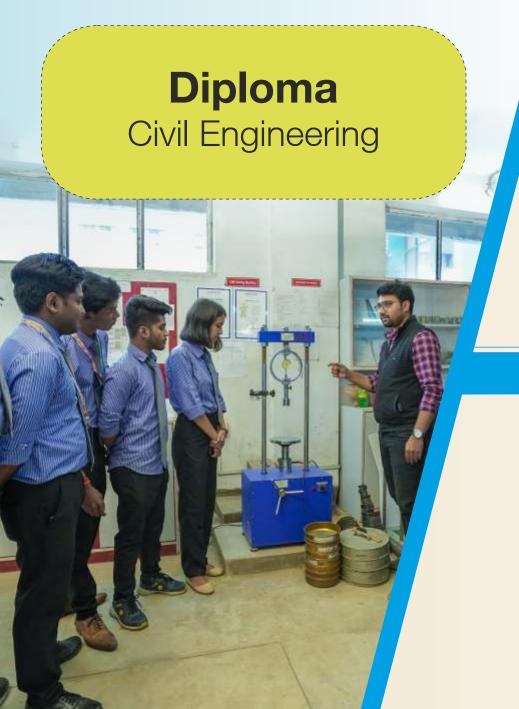
Salient Features

- Collaborations with industry for extensive practical exposure
- Modern labs for advanced research works
- Experienced assistant professors as faculty
- Special classes for competitive exams
- 360-degree placement support
- Exemplary teachers from industry and academia

- Maintenance Engineer
- Quality Mechanical Engineer
- Mechanical Engineer
- Automotive Engineer
- CAD Technician
- Control and Instrumentation Engineer
- Production Manager
- Aerospace Engineer



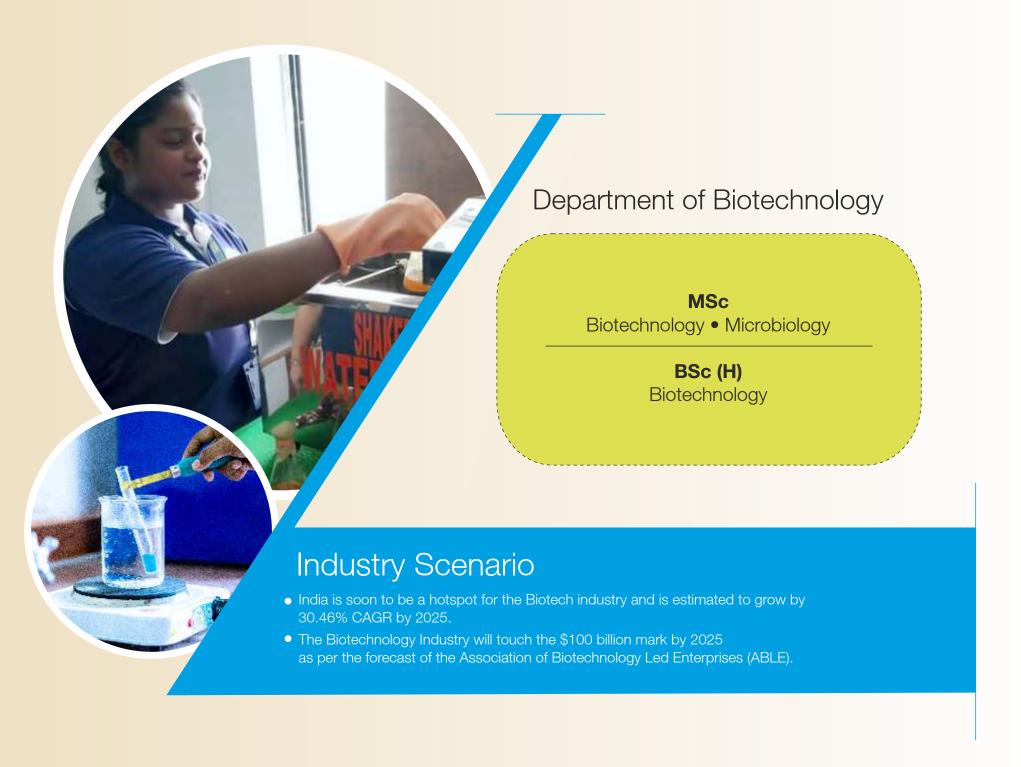




Salient Features

- Collaborations with industry for extensive practical exposure
- Modern labs for advanced research works
- Exemplary teachers from industry and academia
- Special classes for competitive exams
- 360-degree placement support

- Junior Engineer
- Field Test Engineer
- Network Planning Engineer
- Electronics and Communications Consultant
- Customer Support Engineer
- Electronics Technician
- Telecommunication Engineer
- Software Engineer
- Service Engineer



Programmes Highlights

Plant Physiology and Biotechnology

Mammalian Physiology • Biochemistry and Metabolism

Molecular Diagnostics • Enzymology • Molecular Biology

Industrial Fermentations • Bioprocess Technology

Recombinant DNA Technology • Biostatistics

Plant Biotechnology • Environmental Biotechnology



Salient Features

Curriculum designed for the preparation of SET, GATE, NET and other competitive exams

Special sessions on

Downstream Processing,
Medical Coding

- Research Innovation and Entrepreneurship cell
- Social Welfare projects like hybrid mushroom cultivation, biogas production, agricultural practices

- Medical Biotechnologist
- Pharmaceutical Biotechnologist
- Agricultural Biotechnologist
- Environmental Biotechnologist
- Industrial Biotechnologist
- Food Biotechnologist



Programmes Highlights

Agronomy • Plant Genetics • Soil Science
Entomology • Agricultural Economics
Agriculture Engineering • Agricultural Meteorology
Plant Pathology • Horticulture
Agricultural Extension



Salient Features

Programme curriculum designed as per ICAR guidelines





- Special tutorials for various competitive exams
- World-class infrastructure
- Affordable programme fee
- Advanced research labs and facilities
- Intensive pre-placement training
- 360-degree placement support

- Agriculture Research Scientist
- Extension Officer Field Officer
- Agriculture Officer Farm Manager
- Plantation Manager Research Officer
- Officer in Quality Assurance in related fields
- Agriculture Loan Officer in banks
- Production Manager
- Operations Manager in fertilizer units
- Business Development Manager Agri-Preneurship
- Food Processing Units in Government



Department of Allied Health Sciences

BSc

Medical Lab Technology
Physician Assistant
Medical Radiology & Imaging Technology
Operation Theatre Technology
Critical Care Technology

Bachelor of Physiotherapy

Bachelor of Optometry

Diploma

Medical Lab Technology Radiography(Diagnostics)

Industry Scenario

• Allied Health Professionals (AHPs) play a serious role and are the support pillars of the healthcare team

• Numerous professionals are proficient to handle specific health problems and offer services in their area of expertise through comprehensive assessment and diagnosis and/or treatment to promote recovery and advance quality of life

BSc

Medical Lab Technology
Physician Assistant
Medical Radiology & Imaging Technology
Operation Theatre Technology
Critical Care Technology

Bachelor of Physiotherapy

Bachelor of Optometry

Diploma

Medical Lab Technology Radiography(Diagnostics)



Salient Features

Clinical collaboration with various health care sectors exposes our students to the 'Clinical Environment' from day one.

Clinical internships in various Government and private health care providers
for better clinical expertise which helps produce industry-ready

professionals.

Extensive research and government funded projects

- State-of-the-art facilities on a global learning campus.
- A strong balance of academic experience and industry exposure.
- Associated hospitals with state-of-the-art equipment to provide the students exposure to the most modern techniques in allied health sciences.
- Industry oriented teaching methodology:6 months to 3 years practical training in hospitals.
- High demand in government and private health sectors.



Programmes Highlights

- National healthcare delivery system
- Medical laboratory science
- Medical ethics and patient safety management
- Human anatomy and physiology
- General pathology and microbiology
- Clinical observation
- Medical mycology and virology
- Immunopathology
- Blood banking & blood transfusion
- Genetics & molecular biology
- Special techniques in laboratory science

- Laboratory technician in government and private hospitals
- Laboratory technician in blood banks
 Pathology laboratories
- Lab supervisor
- Lab manager
- Lab assistant
- Instructor/tutor in institute
- Lab analyst

BScPhysician Assistant



Programmes Highlights

- Obstetrics and gynaecology
- Cardiology & cardiac surgical disorders
- Electrocardiography and echocardiography
- Radiology and imaging technology
- Ophthalmology
- Pulmonology
- Gastroenterology
- Nephrology
- Orthopaedics
- Dermatology
- Intensive care
- Perfusion technology

- Offices of physicians
- Private hospitals (expected government hospitals in future)
- Outpatient care centres
- Surgical department
- Educational services; state, local, and private
- Work in accreditation body of hospital regulation
- Product consultant for MNCs for medical devices

BSc

Medical Radiology & Imaging Technology [MRIT]

Diploma Radiography (Diagnostics)



Programmes Highlights

- Human anatomy and physiology
- Fundamental physics and radiological physics
- Conventional and modern radiography and equipment
- Radiographic and image processing techniques
- Clinical radiography- positioning
- Contrast & special radiography procedures
- Physics of newer imaging modalities
- Quality control in radiology and radiation safety
- Radiographic techniques of advanced Imaging technology
- Quality assurance & radiation safety
 (AERB guidelines) in diagnostic radiology

- Entrepreneur Clinical instructor
- Radiological equipment installation area
- Radiology technologists
 Radiology technician
- Ultrasound technician
 MRI technician
- CT technologist Research area
- Cathode lab technician
- Radiographer X-ray technician
- Mammography technician
- Fluoroscopy technologists

BScOperation Theatre Technology [OTT]



Programmes Highlights

- Basic administration and equipment maintenance
- Principles of anesthesia
- Basic techniques of anesthesia
- Basics of surgical procedures
- CSSD procedures.
- Advance anesthetic techniques
- Basic intensive care

- Anaesthetist consultant
- Associate consultant.
- Operating theatre technician
- Surgical technicians
- Scrub technicians

BScCritical Care Technology [CCT]



Programmes Highlights

- Cardiology, Electrocardiogram (ECG), Echocardiography, Computerized Treadmill Test (TMT), Intra-Aortic Balloon Pump (IABP), and Extracorporeal Membrane Oxygenation (ECMO), Intensive Respiratory Care including Mechanical
- Ventilator, Non-Invasive Ventilation, High Flow Oxygen
- Therapy and Pulmonary Function Test (PFT), Renal Replacement Therapy (RRT) including Haemodialysis, Continuous Renal Replacement
- Therapy (CRRT), Therapeutic Plasma Exchange (TPE) and Hemoperfusion
- Clinical scenario for critical care technology

- Intensive care unit technologist
- Emergency medicine physician
- CAT technician
- Dialysis assistant
- Respiratory therapist

Bachelor of Physiotherapy [BPT]



Programmes Highlights

- Biomechanics & kinesiology
- Fundamentals of exercise therapy
- Fundamentals of electrotherapy
- Physiotherapy in orthopaedic and sports conditions
- Physiotherapy in neurology
 Neurosurgery and psychiatry condition
- Disability prevention and rehabilitation

- Hospitals or acute care facilities
- Academics
- Rehabilitation centres
- Home care programmes
- Public health units
- Private clinics
- Child development centres
- Sports fields and clinics

Bachelor of Optometry [BOPTM]



Programmes Highlights

- Human anatomy and physiology
- Ocular anatomy and physiology
- Physical and geometrical opticsVisual optics
- Clinical examination of visual system
- Low vision & rehabilitation
 Contact lenses
- Binocular vision & orthoptics
- Ocular diseases
- Comprehensive eye examination

- Optometrist in government or private hospitals
- Optometrist in eye care hospitals
- Optometrist in optical industries and corporate sectors
- Private practice in clinical setup
- Consultant optometrist contact lenses, low vision and rehabilitation, binocular vision etc.
- Professional services in multinational ophthalmic industries
- Public health and community optometrist research assistant, research associate and research coordinator
- Academician lecturer/professor



Programme Options

- Chemical Technician Drug Therapist
- Hospital Drug Coordinator Drug Inspector
- Pharmacist Drug Technician



Salient Features

Special training on technical expertise and laboratory skills

In-depth understanding of human biology and health issues Effective mentoring and guidance for competitive examinations

- Well-equipped laboratories
- Easily accessible e-content & regular industry visit
- Value-added courses like Pharmaceutical Management and First Aid & Dressing

Programme Highlights

BPharm

- Pharmaceutical Inorganic Chemistry
- Pathophysiology
 Human Anatomy and Physiology
- Pharmaceutical Microbiology Pharmaceutical Engineering
- Pharmaceutical Jurisprudence Herbal Drug Technology
- Novel Drug Delivery System Pharmacovigilance
- Dietary Supplements and Nutraceuticals
- Social and Preventive Pharmacy

DPharm

- Pharmaceutical Chemistry
- Pharmacology & Toxicology
- Pharmaceutical Jurisprudence
- Drug Store & Business Management
- Hospital & Clinical Pharmacy



INSTITUTE OF NURSING Approved by INC and WBNC

Bachelor of Science in Nursing

General Nursing & Midwifery



Salient Features

Clinical exposure with

150-bed multi-speciality train with experienced and head nurses

- Modern labs to help students with practical experience
- Workshops to enhance their knowledge
- Placement assistance on completion of the programme

- Staff Nurse Nursing Service Administrators
- Assistant Nursing Superintendent
- Industrial Nurse Department Supervisor
- Nursing Supervisor or Ward Sister
- Nursing Superintendent
- Community Health Nurse (CHN)



INSTITUTE OF NURSING Approved by INC and WBNC

Bachelor of Science in Nursing

General Nursing & Midwifery



Salient Features

75000 sq. ft state-of-the-art **Nursing Institute**

Highly qualified and experienced teaching faculty for both nursing and non-nursing subjects

On-campus
hostels, students
counselling
and medical
check-up
facilities

- Well-equipped laboratories
- Proper guidance for rural and urban community work
- 150-bed multi-speciality hospital
- Modern, spacious and well-ventilated classrooms
- Ample scope for sports, games & cultural activities
- Well-stocked library and journals

Programme Highlights

- Pharmacology Anatomy Nutrition
- Pathology
 Community Health Nursing
- Medical Surgical Nursing
 Maternity Nursing
- Midwifery and Obstetrics
 Nursing
- Child Health Nursing



School of Management & Commerce

PhD

Management • Commerce

MBA

MCom in Banking & Finance

BBA

BBA in Hospital Management **BBA** in Digital Marketing

BCom(H) in Banking & Finance

BVoc (Retail and Sales Management)

Industry Scenario

- Requirement: 3 million Business Management Professionals in India by 2022.
- According to a KMPG report, Digital Marketing in India will grow by 30%, 20 lakh jobs in this sector by 2022.
- Additional employment opportunities at BFSI sector of over 1.6 million during 2016-2022.
- Number of bank branches to double by 2025.

Career Options

- Statistics for Business Decisions
- Business Communication
- Legal and Business Environment
- Financial Reporting, Statements and Analysis
- Human Resource Management
- Production and Operations Management



Salient Features



Summer Internship Programme Provide
application-based and
experiential learning
environment

- One week entrepreneurship awareness camp in each semester supported by EDI, Kolkata.
- Fully-equipped Entrepreneurship Development Cell
- Industry-Institute Interface through live Projects,
 Workshops, Seminars, Tech Club and Industry Visits

- HR Manager
- Media Coordinator
- Brand Manager
- Product Manager
- Sales Officer
- Business Development Manager
- Staffing Manager
- Accounting Manager





Career Options

Data Structures & Sciences • PHP and MySQL

Database Management System

JAVA • Web Technology • ERP

E-Commerce • Image Processing

Computer Graphics • Artificial Intelligence

Salient Features

Programme curriculum is mapped with global certification from



Internship Training in Collaboration Was Guerry

Academic collaboration with









 Special learning modules on cutting edge technologies including AI, Robotics and Blockchain.

- Computer Systems Analyst
- Database Administrator
- Web Developer Network Administrator
- System Manager Computer Programmer
- Software Developer
- Software Tester





Programme Highlights

Hardware and Operating Systems • Python

Computer Networking • Switching and Routing

Database Management System

Linux System Administration • Internet of Things (IoT)

Windows Server Administration • Blockchain Technology

Cyber Law and Forensic • Internet Technology

Mobile Computing & Communication

Cloud Computing • Firewall Expert



Salient Features

Programme curriculum is mapped with global certification from

Academic collaboration with











Hands—on training on Firewall Configuration, Ethical Hacking and Cloud Computing Practical approach on Cyber Law by legal experts of Department of Law

- Exchange administrator
- System administrator
- Security Architect
- Security Consultant
- Network administrator
- Penetration Tester
- Ethical Hacker
- Chief Information Security Officer (CISO)





Career Options

- Solicitor Barrister Legal Executive
- Paralegal Judge Patent Attorney
- Trademark Attorney



Salient Features

Free coaching for judicial service and AIBE examination.

Moot court training, legal aid camps, legal aid clinics are arranged. Internships in corporate houses, lawyer's chambers, industrial visits are provided for students.

3W19 18K/113

- The CBCS rules as introduced by UGC are strictly adhered to.
- Regular Legal Aid Clinic

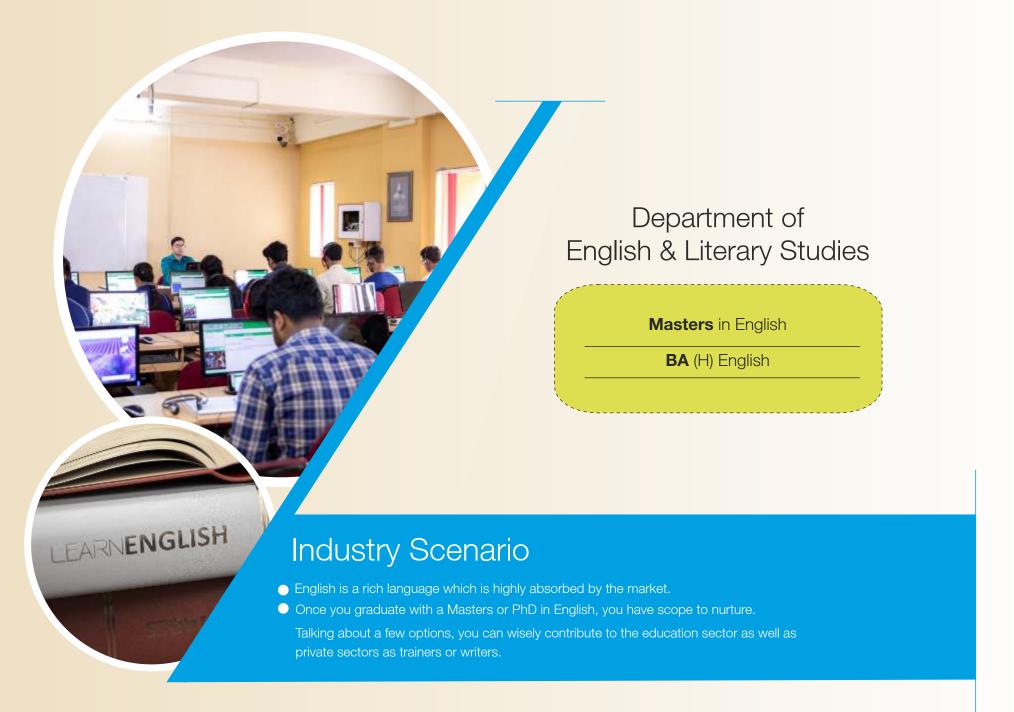
Programme Highlights

LLB

- Administrative law Law of crimes Law of evidence
- Civil procedure Property law Company law
- Taxation laws Banking law Feminist jurisprudence
- Media law Corporate governance Human rights law

BBA LLB

- Law of Contract
 Constitutional Law of India
- Administrative Law Law of Crimes
- Code of Civil Procedure
- Intellectual Property Law
- Trademark & Copyright, Patent and Design
- Law of Evidence
 Labour Law
- Taxation Law
 Law and Economics
- Law on Corporate Finance Cyber Law
- Court Visit and Report Preparation
- Alternate Dispute Resolution



Programme Highlights

- Indian Classical Literature Technical Writing
- European Classical Literature English Communication
- Modern Indian Writing in English Translation
- Literature and Cinema World Literatures
- British Literature Creative Writing

Salient Features



- Pre-placement training given to become a job-ready professional
- The courses are taught by both professional teachers and experienced professionals
- Communication Club

- Teacher
- Professor
- IT professional
- Newspaper/ Magazine journalist
- Film director
- Content / Copywriter







Placement 2020

97% Placed

242 campus drives

12 LPACTC highest offered

5000+ Pan India client networking

Placement 2021 in full swing

• 175 Companies • 86% students already placed

as on 15.06.2021

campus—to—corporate journey an intensive pre-placement training

- Intensive boot camp sessions Mapping individual employability index
- Communicative English classes Soft skill training
- Aptitude grooming Choice-based industry specific skill training
- Webinars and masterclasses by top industry professionals
- Mock HR rounds Digital repository of 5000+ interview questions

Trust Brainware. We Did. Now We Are Happily Employed. "



The placement cell of Brainware University is widely linked with pan-India recruiting clients.

We don't guarantee a job. We train our students for it. And they succeed.

Client Speaks

69



"We share several years of association with the Brainware Placements Team - A dedicated hardworking team, working round-the-clock to harness the best available market opportunities. They regularly follow up on our requirements, as much as we have them on our priority list while hiring."

Mr Vaskar Bhattacharya Regional Head-East Ginnisystems Ltd.



"What we appreciate about this Placement Team is that they don't just end their responsibility after the hiring is over. They take regular feedback from us about the candidate's performance and implement necessary amends or advice we suggest."

Ms Srimoyee Mukherjee Manager HR Nature Technologies Pvt. Ltd.



"They have a very strong domain knowledge and soft skills that we look for in our prospective employees. I was fairly surprised at the level of professionalism they demonstrated as freshers."

Mr Akshay Kr Meher HR Manager Da Milano Leathers



"Candidates are not always comfortable or well-prepared for Skype/Facetime interviews. It was a pleasant experience to watch Brainware students execute it to perfection, even though it was their first time. They looked very calm and confident despite the virtual interview session."

Ms Poulomi Goswami HR & PR Manager Wackytoon Studio Pvt. Ltd.



Student Speaks

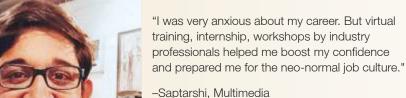


"I didn't expect to secure my dream job amid the pandemic crisis. Thanks to the Brainware Placements Team, I did."

- Fatema, BTech CSE

Placed at





Placed at





"Post-lockdown, we were trained to ace virtual interviews with confidence in a brief time. Thank you, Brainware."

- Adwitiya, Multimedia Placed at

Cognizant



"Ever since I joined Brainware, I never worried about my career. I just trusted and followed my mentors, trainers, and did as I was guided. Eventually, everything fell into place."

- Sounish, BTech CSE

Placed at

TATA CONSULTANCY SERVICES





Facilities and Amenities

BEST OF EVERYTHING AT AN AFFORDABLE PRICE

Modern facilities of global stature assist students to attain best opportunities...





BEST OF EVERYTHING AT AN AFFORDABLE PRICE

Modern facilities of global stature assist students to attain best opportunities...



GREAT CAMPUS LIFE!

"I have been intensely engaged with the vibrant campus community of Brainware ever since my first year; apart from academics, there is so much to do and explore amid our lush green campus!"



No Ragging Campus > Ragging is a Crime

Punishments for Ragging

Suspension • Rustication • Expulsion • FIR • Prosecution • Arrest / Imprisonment up to 2 years or fine up to INR 10,000/- or both







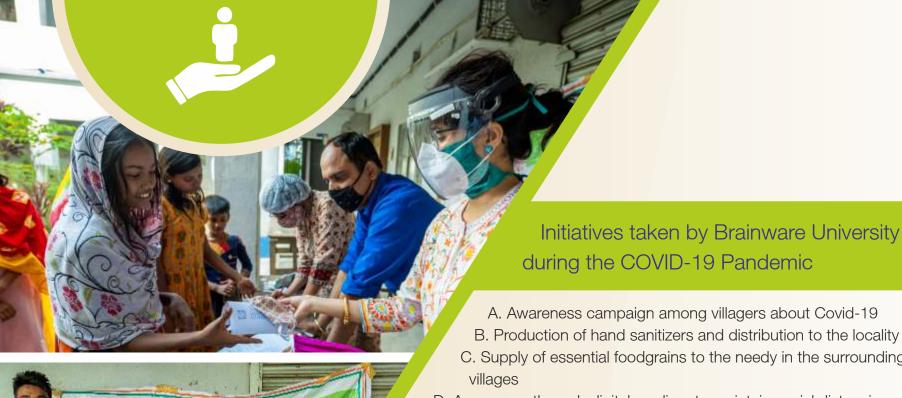
"Our extensive social outreach programmes make me proud to be a part of the Brainware family; I can actively participate in the welfare and safeguarding of society and environment."

"Brainware University is a proud participant in the momentous journey of developing the country through MHRD's flagship programme, Unnat Bharat Abhiyan (UBA). As a first step, it was important to identify and select the particular villages that needed to be developed by the university."

Adoption of villages around the locality and their surveys

- Livelihood Generation through Hybrid Mushroom Cultivation Technology
- Technology Extension through Rainwater Harvesting Technology
- Legal Advice through free Legal Aid Clinic
- Health Check-up: Eye-Screening Programme





B. Production of hand sanitizers and distribution to the locality

C. Supply of essential foodgrains to the needy in the surrounding

D. Awareness through digital medium to maintain social distancing

E. A message of hope from Swami Shastrajnananda (principal, Ramakrishna Mission Vidyamandir College, Belur) – A brighter tomorrow

F. Online awareness programme among the villages nearby

G. Spreading awareness against Amphan cyclone in regional language through whatsapp among villagers

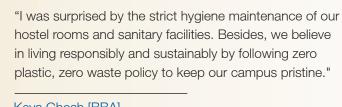


"Initially my mother was apprehensive about my living in a hostel, but not anymore. The 24/7 CCTV security vigil, oncampus hostel with a strict no ragging policy provides us airtight security."

Sanchary Chanda [BCA]

"We have the perfect study ambience amid the quiet of greens, quality and nutritious food round-the-clock and a wonderful group of friendly seniors who help us adjust to our hostel lives."

Ajoy Chandra Sarker [BAMW]



Keya Ghosh [BBA]

Clubs



At Brainware University, we have numerous clubs through which students get a chance to enjoy themselves as well as learn new things. We try to maintain a happening atmosphere in these clubs so that the students are always enthusiastic about the club activities. Let us take a look at these clubs.



Entrepreneurship Club:

The main aim of the Entrepreneurship Club is to inspire and guide youngsters into becoming successful entrepreneurs. In order to achieve this, eminent entrepreneurs, who are forerunners in their fields, are invited for seminars and workshops. The students are encouraged to ask questions so that they can learn from the best.



Photography Club (Photo Frame):

The Photography Club at Brainware University is a favourite among the students and with good reason! The Club organizes contests where members submit their photographs and the best photograph is awarded. The winner gets a certificate as well as a cash prize. Workshops are held in which classes are taken by eminent people from the industry. The club also organizes Photo Walks and encourages the members to participate in International Photo Walks that are organized by others as well.



Cine Club (Deep Focus):

This Club has a multimedia programme in collaboration with SRFTI (Satyajit Ray Film and Television Institute) and members of this club are exposed to good cinema from over the years. This serves the dual purpose of learning as well as enjoyment. This Club and its members also make short films on relevant social topics like Exam Phobia and Ragging. Workshops are also held in which eminent filmmakers interact with the students.

Clubs





Tech Club:

Brainware University has always nurtured the creative side of the students and helped the bright minds blossom. The inauguration of the Tech Club on 18th of May, 2018 was done keeping these ideals in mind. Open to both teachers and students alike, the Club aims at harnessing the imaginative, ingenious thoughts and ideas and mould them into inventions that would help us better our society.



Communication Club:

The Communication Club focuses on honing the communicative skills of the students. They participate in language and aptitude classes which increase their confidence. This also prepares them for their working life in the long run. They are better prepared for things like interviews and job pressure.



Innovation Club:

The Innovation Club provides a platform for the students to showcase their innovative ideas and get suggestions on how to materialize these ideas. Workshops and seminars are held in which students are exposed to new concepts and thoughts. Competitions are also held so that students get an added impetus to constantly work on their own concepts.