

School of COMPUTING SCIENCES





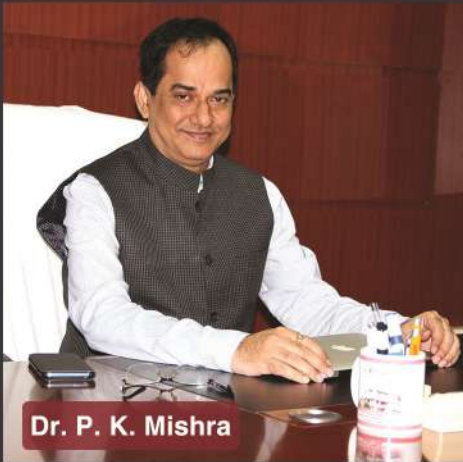
The Assam

Kaziranga University

Sprawling across 50 acres of nature-enhanced campus, The Assam Kaziranga University (KU) is a multifaceted educational centre of excellence. It was established under the Assam Private Universities Act, 2007 (Act No. XII of 2007) as a University as defined by Section 2 (f) of the University Grants Commission Act, 1956 and approved by AICTE. KU believes in the ideology of holistically combining the serenity of a natural environment with international quality educational facilities.

It comprises of the following Schools:

- School of Computing Sciences
- School of Engineering & Technology
- School of Business
- School of Basic Sciences
- School of Health Sciences
- School of Social Sciences



Dr. P. K. Mishra

Our Vice Chancellor

Dr. P. K. Mishra has a PhD in Chemistry from Utkal University, Bhubaneswar, with a vast Research Experience from Bhabha Atomic Research Centre, Mumbai and Saha Institute of Nuclear Physics, Kolkata. He has several publications in National/International Journals of repute. He has the distinction of joining the prestigious International Visitors Leadership Programme IVLP 2007 organized by the Department of State, USA in 2007.

He has over 25 years of experience in academic, research & management. He is the co-founder and first Pro-Chancellor of KIIT University, Bhubaneswar; co-founder of Knowledge Trust & TITE, Bhubaneswar & co-founder and Ex-Chairman of Kalinga Software Private Ltd., Bhubaneswar.

He has assisted high net worth individuals and organizations to establish and manage high quality educational institutes & universities - Don Bosco University, Gauhati, Assam [2008]; Techno India NJR Institute of Technology, Udaipur, Rajasthan [2008] & Kaziranga University, Jorhat, Assam [2012].

Our Faculty Members

Prof. Ratan Kumar Saha

Professor & Dean

D.I.I.T. (I.I.T.Kharagpur)

MSc (Maths & Com.Sc.) (I.I.T.Kharagpur)

Formerly Scientist (NIC & CDAC, India)

Formerly Visiting Scientist (MIT, USA)

Formerly Associate General Manager

(HCL Technology, India)

33 years of experience in Government & Industrial Application Software

Development of Immigration Control, Custom EDI, Passport, Transport, Health, ERP of Energy Utility & Retail Sector.

7 years of experience in Academic and Teaching as a Regular Faculty

Dr. Dibya Jyoti Bora

Assistant Professor

Ph.D. in Computer Science, Barkatullah University (Formerly Bhopal University), M.P.

Dr. Barnana Baruah

Associate Professor

PhD, IIIT, Guwahati

Dr. Utpal Barman

B.E., M.E, Ph.D. (Gauhati University)

Associate Professor

(Former Assistant Professor (Senior), Department of CSE, GIMT, Guwahati)

Total Teaching Experience: 11 years

Total Research Experience: 7 years

Funded Research Project Completed: 5

Funded Consultancy Project completed: 1

Ms. Mousoomi Bora

Assistant Professor, HoD (CSE)

Masters, Belgium

M.S., Dakota State University, USA

PhD (Pursuing), Assam Science and Technology University, Guwahati

Mr. Amlan Jyoti Baruah

Assistant Professor

MTech, KIIT University

School of Computing Sciences

Computers and Information & Communication Technology (ICT) have become all-pervasive, changing the way we used to conduct our daily lives or business. Consequently, there are huge opportunities for computer scientists, software professionals, and system analysts who have expertise in emerging technologies like Cloud Computing, Data Analytics, Cyber Security, IoT, Artificial Intelligence, etc. as the world is facing a huge demand-supply gap for competent technical manpower.

The School of Computing Sciences (SCS) tries to bridge the demand-supply gap between the industry requirements and the teaching-learning process in the classrooms by balancing rigorous academic course work with enriching real-world practice. To keep students abreast with emerging cutting-edge technologies to enhance their 'employability quotient', SCS has entered into active collaboration with many academic and industry partners to conduct hands-on training programs, workshops, seminars, etc.

Programmes & Eligibility Criteria

Programme Admission Fee: Rs. 20,000 | Registration Fee: Rs. 10,000 | Application Fee: Rs. 500

BCA

3 Years

Passed 10+2 examination in Science/Arts/Commerce with a minimum of 45% in aggregate (40% for reserved category) preferably with Computer Science/ Mathematics as a subject in 10+2 or must have completed a diploma in CSE/IT/Any Engineering Branch from AICTE recognized Institute. Students should have English as their compulsory subjects.

Tuition Fee: Rs. 30,000 Per Semester

Upto 100%

Merit Based Scholarship Scheme

Students Total Percentage (%) in Last Qualified Examination | **SCHOLARSHIP Awarded on Tuition Fee**

- | | |
|-----------------------------|-------------------------|
| ■ 95% & Above | 100% Scholarship |
| ■ 90% - 94.99% | 70% Scholarship |
| ■ 85% - 89.99% | 50% Scholarship |
| ■ 80% - 84.99% | 30% Scholarship |
| <hr/> | |
| ■ Persons with Disability | 25% Scholarship |
| ■ Ward of Defence Personnel | 25% Scholarship |

Sports Quota

Player Level

SCHOLARSHIP Awarded on Tuition Fee

- | | |
|------------|-------------------------|
| ■ National | 100% Scholarship |
| ■ State | 70% Scholarship |
| ■ District | 30% Scholarship |

**To avail continuous Scholarship for the remaining semesters, please refer to the Admission KIT*

MCA

2 Years

Passed graduation in BCA/BSc (IT)/BSc (CS) or equivalent with atleast 45% marks from any recognized University (40% in case of SC/ST category) in aggregate.

Tuition Fee: Rs. 40,000 Per Semester

Hostel Fee

Type	Admission Fee	Per Semester
4 Seater	Rs.10,000	Rs.35,000
3 Seater	Rs.10,000	Rs.42,500
2 Seater	Rs.10,000	Rs.55,000
* 2 Seater with AC	Rs.10,000	Rs.65,000

****Statutory Taxes Applicable | ***Admission to Hostels is for a minimum period of 1 Year**



Programme Specializations

Artificial Intelligence

Artificial Intelligence (AI) is the branch of computer sciences that emphasizes the development of intelligent machines that work and react like humans. Some of the activities computers with artificial intelligence are designed for are speech recognition, problem-solving, machine learning, deep learning, etc. Robotics is also a major field related to AI.

Cloud Computing

Cloud computing has changed every business and industry by drastically reducing the cost of managing and maintaining IT systems. Cloud computing provides a simple way to access servers, storage, databases, and a broad set of application services over the Internet. Kaziranga University has academic associations with Amazon Web Services, and Students are given the facility of using Amazon Web Services (AWS) account every semester (USD 100 credit voucher) to create and work on AWS.

Big Data Analytics

Big data is the term that refers to "high-volume, high-velocity, and/or high-variety information assets that require new forms of processing to enable enhanced decision making, insight discovery, and process optimization."

Looking at the growing demand for skilled data scientists, KU motivates free course registration of students on MOOCs like Coursera, Data-camp, etc. to get skilled and market-ready in this cutting-edge technology.

Cyber Security

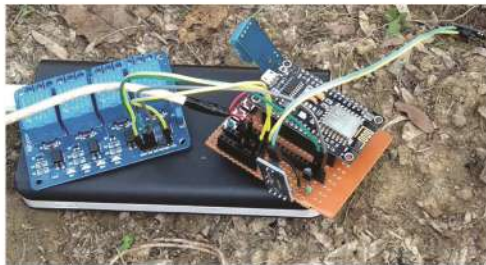
Cyber security refers to a set of techniques used to protect the integrity of networks, programs, and data from attack, damage, or unauthorized access.

Kaziranga University encourages every student to work on the projects like E-Kawach, the e-shield for national and state by Cyber Peace Founder Foundation.

Infrastructure, Innovations & Activities



High-End Computing Lab & Modern Classroom



Soli Moisture Sensor and Transmitter



Smart Wheelchair



Entrepreneurship Ideation/
Business Plan Competition



Full Body Sanitization System with Automatic
Hand Sanitization & Thermal Scanner

Key Visitors



Prof. Gautam Barua
Professor, Dept of CSE
Director, IIIT Guwahati



Dr. Ratan Kumar Ghosh
Formerly Professor, Dept. of CSE
IIT, Kanpur



Dr. Aniket Bera
Assistant Research Professor
University of Maryland, USA



Ritwik Das
Senior Research SDE
Microsoft, USA



Sumit Pandey
PMP and Cloud Specialist
HCL Technology, USA



Lokesh Mehra
Head - AWS Academy
South Asia

Academic Excellence & Value Additions

To maximize the outcomes of the BCA and MCA Programmes in respect of employability, higher education, and entrepreneurship, a range of value additions have been incorporated into the curriculum. These value additions include job-oriented guided internships and training with Industrial Partners at industry locations such as Bangalore, Pune, Hyderabad, and Chennai; Industry certifications by IBM, Oracle, AWS, DIRAC Business Solutions Pvt Ltd., Coursera as well as preparations for Government jobs. Students may also opt for certification by taking up certain additional courses during their BCA and MCA programs.

Industry 4.0 Certifications of Competency

- IBM
- AWS

upGrad Campus Certifications

Specialized Certification Programs on emerging and latest technologies along with training programs & placement support from upgrade Campus

GATE/CII-Ipate/Competitive Exams Preparation

GATE, GRE, TOEFL, IELTS, Competitive Exams for Government Jobs

Industry & Academia Collaboration in Curriculum Development

Curriculum for BCA and MCA programs are regularly reviewed and updated in consultation with Industry and Academic participation from organizations such as IBM, AWS, upGrad to name a few.

Industrial Skill & Certifications

Students are offered Industry Certification courses like Cloud computing, Data Science, Data Analytics, etc to make them skilled and job-ready. Several certification programs have also been initiated in collaboration with industry partners such as AWS, Oracle, IBM, IIRS-ISRO, etc.

Industrial Skill Training With



Career Development & Placement Cell



PLACEMENT

Placement cells have been established at strategic National & International locations with a view to guide, motivate, expose & train our aspiring leaders of tomorrow.



HIGHER STUDIES

KU provides on-campus GATE / CAT / GRE / TOEFL and various other coaching facilities for higher education in India & abroad.



ENTREPRENEURSHIP

Northeast Centre for Entrepreneurship (NECE) in association with EDII, Ahmedabad facilitates young minds to innovate, incubate & implement ideas.

Alumni Speaks

My name is Shiwani Agarwal, a MCA graduate from KU (2018-2020). Always being fascinated by computers, KU got me an opportunity to join the fastest growing company M/s. HCL Technology Pvt. Ltd. as an Analyst working in the area of SAP. The faculty of KU here helped me discover my inner potential and made learning very easy. I am glad to join KU to complete my MCA degree.

Shiwani Agarwal

(Analyst working in the area of SAP at HCL Technology Pvt. Ltd.)



I had the opportunity of being a part of The Assam Kaziranga University, Jorhat as a student of MCA during the academic year of 2017-2020. I believe this University has imparted me comprehensive and thorough knowledge in my MCA for which I am forever grateful. Our professors have pushed us to work harder for a better good. Currently I am working in Kendriya Vidyalaya, AFS Chabua as a PGT (Computer Science).

Sabhya Rai

(PGT (Computer Science) at Kendriya Vidyalaya, AFS Chabua)



I am really happy to share my journey throughout my days at KU. Without the help and support of KU and adorable faculty members, all those constant efforts and support, inspirational lectures, sharing life incidents, and decisions by our beloved faculties helped a lot to take a better step in my future. In my final year project at KU, I developed an Android app "Student Attendance Management System" keeping in mind the attendance procedure followed at KU, which has granted me an opportunity to improve myself more in the field of app development.

Abubakar Siddique

(Entrepreneur, CEO of Siddique Studios)



The infrastructure and the whole environment of the campus motivated the students to not only excel in academics, but also sports and cultural too. Kaziranga University provided me with a great balance of academics and extracurricular activities. Apart from excellent academic experience, I also gained the benefits of being a part of NCC through which I attended the All India Vaayu Sainik Camp.

Rituparna Dutta

(Pursuing MCA from Tezpur University)



Institutions for Internship & Recruitment (Partial List)



R&D at SCS - A Brief Snapshot

Research is the key to academic excellence and human progress; it inculcates scientific and inductive thinking and promotes logical thinking in an individual. The university aims to become a world-class university, offering state-of-the-art education and research relevant to market needs.

Ongoing/Completed Research Projects

- “Sustainable Clean coal technology with power and methanol production utilizing North Eastern Region coal and biomass of India” funded by AICTE being done by Dr. R C Borah (Professor, Mechanical Engineering Department).
- “Process Customization and Optimization of Generation of Biogas and Manure from Biomass and Organic wastes with inputs and conditions specific to Assam extendable to other North Eastern states of India,” funded by AICTE being done by Dr. P G Ramesh (Dean, School of Engineering & Technology).
- “Visual Remapping of Ancient Ahom Kingdom” In collaboration with Emory University, USA.
- “Early detection and prevention of Breast cancer using Machine Learning and Big data analytics” In collaboration with Assam Science & Technology University.
- “An Improved Model for Prediction and Quality Enhancement of Learner’s Academic Performance in Higher Education System Using Big Data” In collaboration with Assam Science & Technology University.
- “Swarm Intelligence based cognitive radio system” in collaboration with M/s Maritronics India Pvt. Ltd.

Research Facility

- Modern Classroom with Multimedia Facility, Library & e-resources.
- State of the art laboratories including thrust areas.
- Industrial collaboration for internship and certification programs.
- High-end computing infrastructure with Data center.
- International workshops and seminars for students in latest Technologies.
- Academic collaboration with IBM, NAC, IMTMA, SIEMENS, AGIIT, Cranes Versity, QSpider etc.
- Industry Projects.

Key Research Achievements

- 126 Plus Research Papers Published.
- 3 Plus PhD Projects have been Registered.
- Multiple National & International Seminars/Workshops conducted.
- 4 Patents Filed.
- Active Student Participation in various Seminars/Conferences.





Toll Free: 1800 -572 - 5898

Reach Us

For Admission Contact:

Mr. Bobby Roy

Chief Marketing Officer
Dean-Admissions

Our Offices

Campus

84860 34360

98540 34359

Guwahati

84860 34366

98647 45928

Dimapur

70056 30239

98540 34356

Jorhat

84860 34370

84860 34367

Siliguri

84860 34377

84860 34378

Silchar

84860 34378

Dibrugarh

75770 17739

75770 17747

Shillong

98540 34350

84860 34364

Imphal

93950 77037

www.kazirangauniversity.in



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