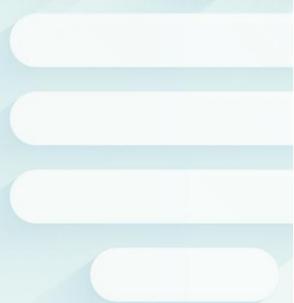




ASSAM ENGINEERING COLLEGE

JALUKBARI, GUWAHATI 781013

BROCHURE





RAGGING FREE CAMPUS

The Hon'ble Supreme Court of India perhaps has given a more comprehensive meaning of ragging as under: "Ragging is any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness to any student, indulging in rowdy or undisciplined activities which cause or likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the psyche of a fresher or a junior student."

All students admitted to AEC and their guardians are required to sign an undertaking in the form of an "Anti Ragging Affidavit" that their ward will desist from indulging in ragging.

AEC is a ragging free campus, ragging in any form is strictly prohibited and will attract severe disciplinary action.

- Offenders will be dismissed from the college and the hostel and reported to the police.
- Offenders cannot appear for university examinations.
- Anti-Ragging Committee and Anti-Ragging Squad constituting teachers are active and vigilant inside the campus.
- CCTV cameras are installed at vital points within the campus.
- Banners against ragging are installed at vital points within the campus.

WARNING

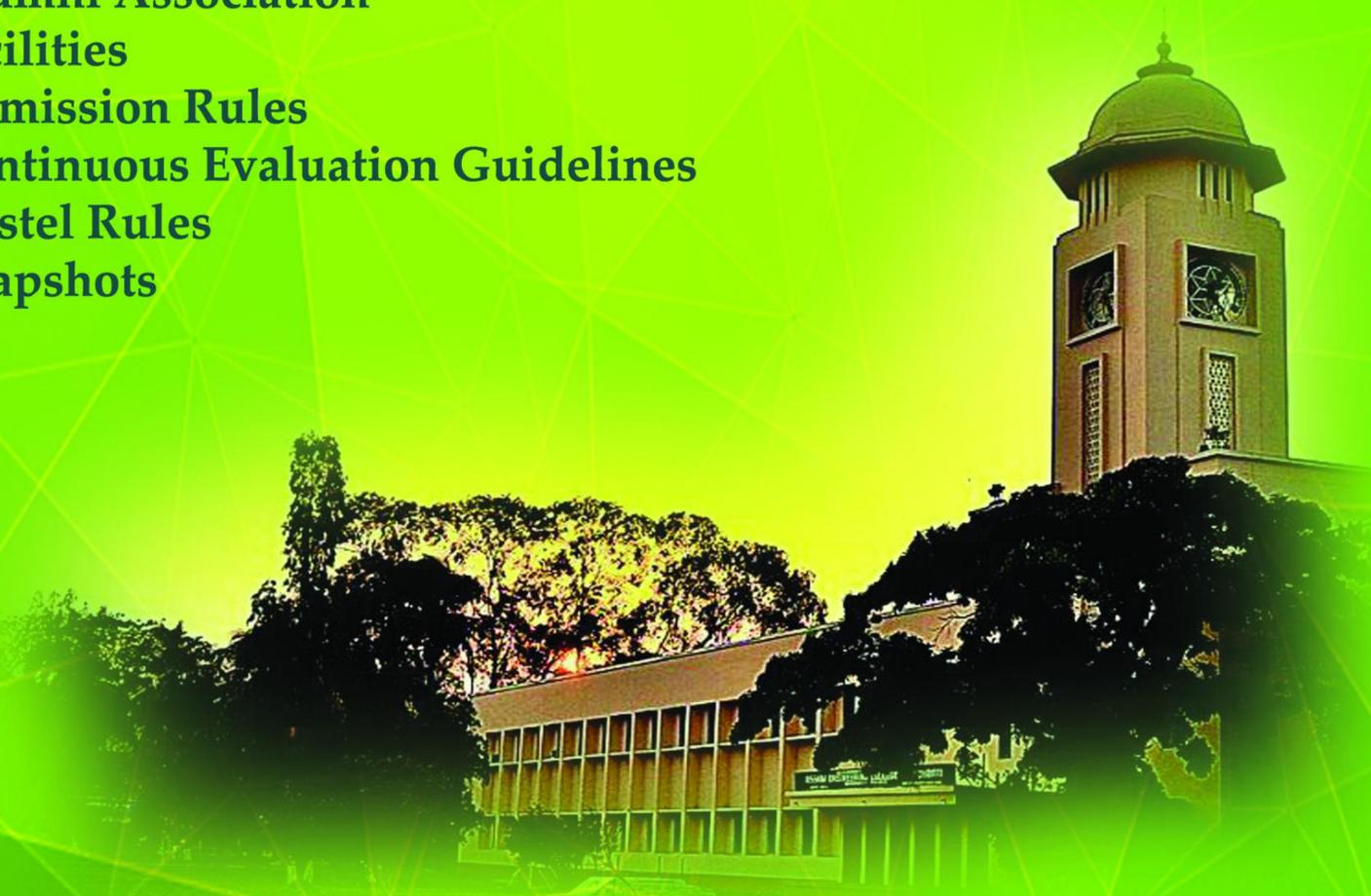
Ragging is a CRIME



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ABOUT

Assam Engineering College, the first engineering college in the north-east India, was established in the year 1955. Situated at Jalukbari in the south-west part of Guwahati, AEC is a landmark in the colourful and prestigious history of Assam. Encircled by the Gauhati University on the north, the Deepor Beel and Tata Institute of Social Sciences on the south, the Government Ayurvedic College on the east and the Assam Police Radio Organisation on the west, Assam Engineering College not only provides an ideal context for learning but also creates a charming impingement on visitors. The campus is spread across 400 acres of land. The college started with the Civil Engineering department, and within a few years other engineering departments were started. Currently, the College has eight engineering disciplines along with Department of Computer Applications. The Assam Engineering College, now not only an ideal seat for learning of an advanced engineering. Currently the courses of AEC are being run under two different affiliating universities. The two batches upto 2016 are registered under Gauhati University and the batches 2017 onward are registered under Assam Science and Technology University.

PRINCIPAL'S MESSAGE



It is my great feeling and immense pleasure to welcome you all to Assam Engineering College. I am sure, in spite of scarce resources, the education imparted by AEC will make you a professional as well as a good human being. Our students always have been technically and professionally competent and creative as well as socially responsible. I am sure, like the past, the degree given by AEC will be a passport for you to work anywhere in the world.

I hope that this booklet would rightly portray the various aspects of the College and will be useful for the new admitted students and their parents.

I sincerely wish that you all will work in terms of relationships, connectedness, and in the context of sustaining the glory and relevance of AEC.

Dr. Atul Bora
Principal
Assam Engineering College



ASSAM ENGINEERING COLLEGE

QUALITY POLICY

AEC is committed to create and maintain a campus environment for pursuing a value based education system involving components like teaching, research, continuing education and consultancy as well as for promoting human values and ethics for a sustainable environment. Quality monitoring through a process of continuous review ensures improvement of academic system.

VISION

To be an institution for promoting and supporting sustainable development.

MISSION

- To prepare technical manpower with knowledge skills and values of sustainability.
- To take up relevant problems of society & industry as projects, research themes for study and to provide technological solutions.



CHRONOLOGY



1) Shifted to Jalukbari with the name Assam Engineering College **1957**
 2) Electrical Engineering & Mechanical Engineering with an intake of 30 students each

Intake in Electrical Engineering & Mechanical Engineering raised to 60 **1962**

PG in Watershed Management and Flood Control with intake of 20 under Civil Engineering **1977**

PG in Soil Mechanics and Foundation Engineering with intake of 20 under Civil Engineering **1988**

Intake in Electronics & Telecommunication Engineering increased to 30 **1996**

MTech in Electrical Engineering with intake of 20 **2004**

MTech in Mechanical Engineering with intake of 20 **2005**

1955 Assam Civil Engineering College started at the AEI Campus, Chandmari with an intake of 72 students

1958 Formal inauguration of AEC by Hon'ble PM Pandit J. Nehru

1963 Chemical Engineering with intake of 30

1983 Electronics & Telecommunication Engineering with intake of 15

1990 Computer Applications with an intake of 30 for MCA

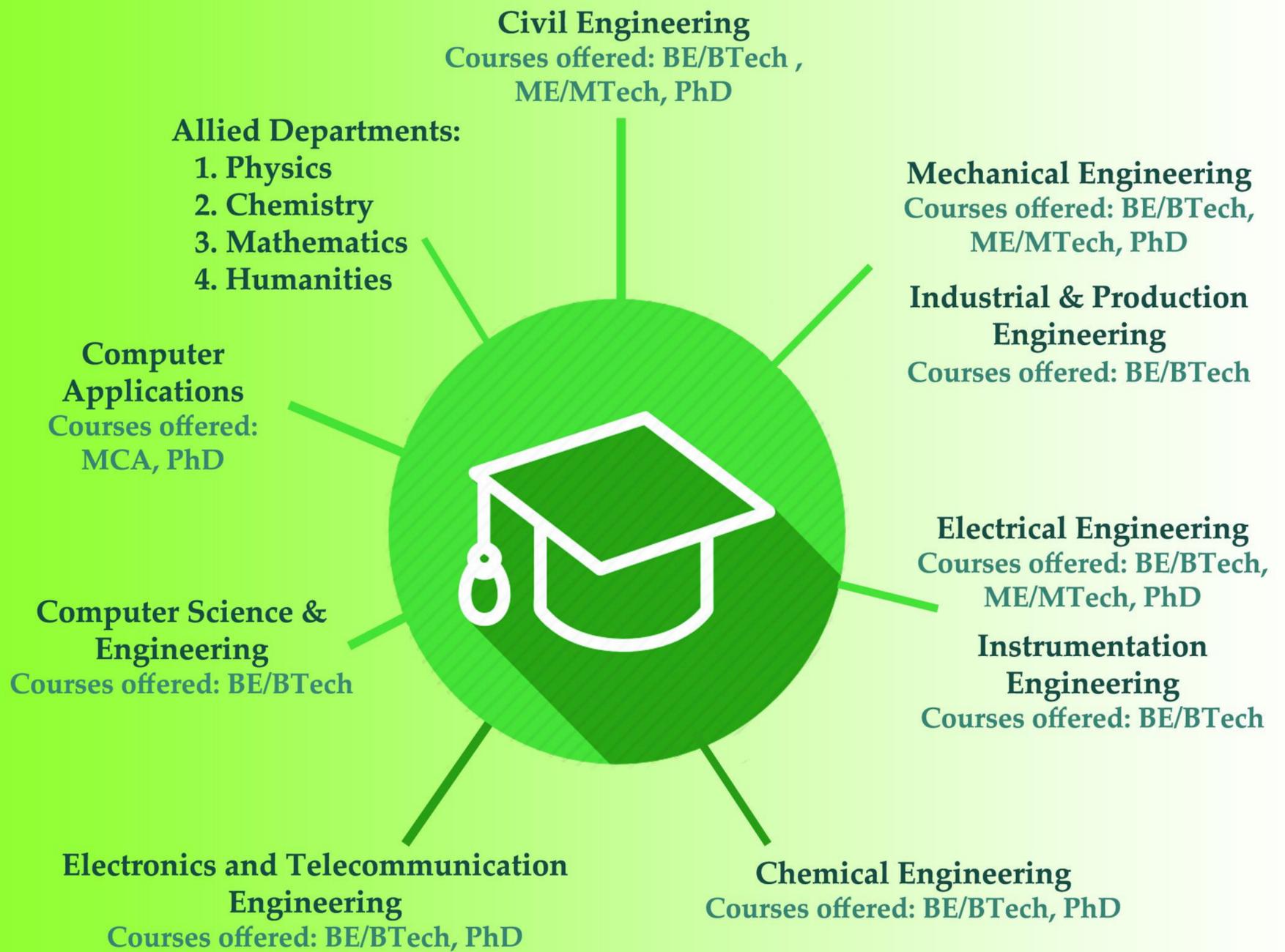
1998 1) Instrumentation Engineering with intake of 20
 2) Computer Science & Engineering with intake of 20
 3) Industrial & Production Engineering with intake of 20

2006 Intake in Chemical Engineering and Electronics & Telecommunication Engineering increased to 60





ACADEMIC DEPARTMENTS





CIVIL ENGINEERING

VISION

To have complete synergy between teaching and learning for producing civil engineers, who are competent and socially responsible to contribute to the sustainable development of the state, the region and the nation, with global perspective.

MISSION

1. To provide state-of-the-art teaching and learning environment where students can solve problems related to civil engineering.
2. To generate excellent human resource in civil engineering through integration of research, innovation and sustainable technology in the learning domains of under-graduate and post-graduate education.
3. To make students capable of designing sustainable solutions for engineering challenges.
4. To develop researchers and regional leaders in the field of civil engineering by serving as a knowledge hub for the society through continuing education, professional program and innovative consultation.

PROGRAM EDUCATIONAL OBJECTIVES

1. To produce competent, smart and efficient civil engineering graduates capable of executing civil engineering works with planning, design, construction and project management capabilities.
2. To develop competency in the civil engineering under-graduates to analyze and formulate sustainable solutions of civil engineering and allied problems using the principles of applied mathematics, science and basic engineering tools.
3. To train the civil engineering under-graduates to understand the origin, working principles, and outcomes of civil engineering and allied projects from parts to whole, in terms of technology, economy, sustainability, social and environmental aspects.
4. To encourage inquisitiveness and innovation in the under-graduate students to motivate them for lifelong learning and higher studies or research in civil engineering and allied disciplines.
5. To instill confidence, professional responsibilities and ethical sense in the under-graduate civil engineering students, so that they can take significant and leading roles for development of the state, the region and the nation.

Program & Intake capacity: Under graduate - 90
Post graduate - 36
Ph.D.



PROFESSOR

1. Dr. Jayanta Pathak, HoD (Specialization: Structural Engineering)
2. Dr. Palash Jyoti Hazarika (Structural Engineering)
3. Dr. Binu Sharma (Geotechnical Engineering)
4. Dr. Mrinal Kumar Borah (Water Resources Engineering)
5. Dr. Bipul Talukdar (Water Resources Engineering)
6. Dr. Bibhash Sarma (Water Resources Engineering)
7. Dr. Utpal Kumar Misra (Water Resources Engineering)
8. Dr. Utpal Kumar Nath (Structural Engineering)
9. Dr. Malaya Chetia (Geotechnical Engineering)
10. Dr. Triptimoni Borah (Water Resources and Environmental Engineering)
11. Dr. Pankaj Goswami (Water Resources Engineering)

ASSOCIATE PROFESSOR

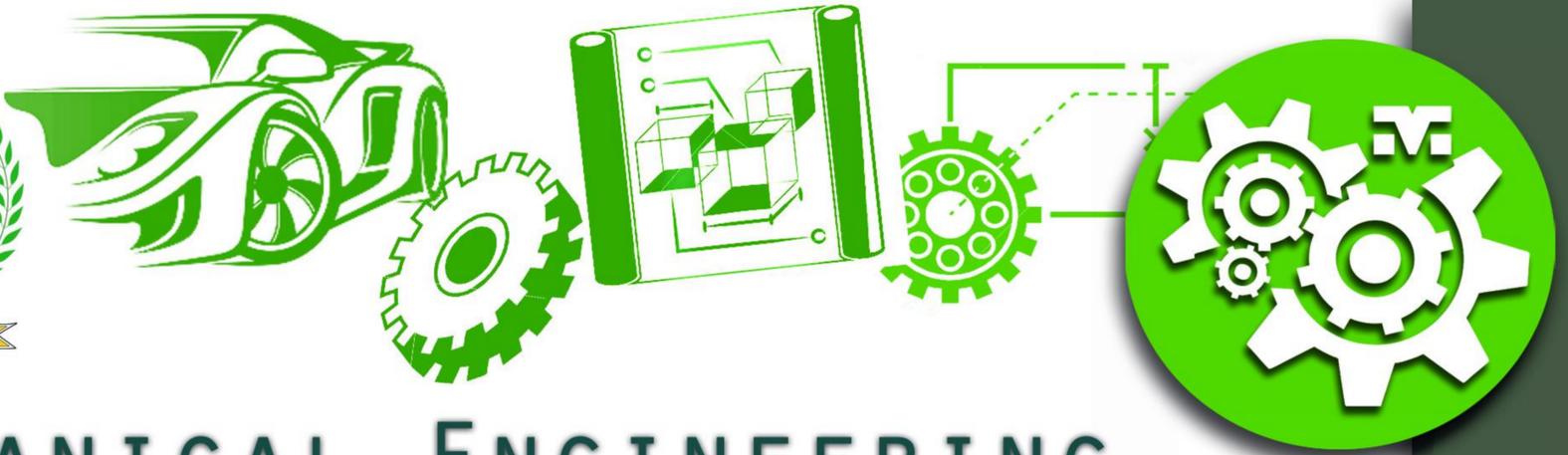
1. Dr. Diganta Goswami (Geotechnical Engineering)
2. Mr. Bhaskar Jyoti Das (Geotechnical Engineering)

ASSISTANT PROFESSOR

1. Dr. Bharati Medhi Das (Water Resources Engineering)
2. Ms. Puspanjali Sonowal (Environmental Engineering)
3. Ms. Rupjyoti Bordoloi (Transportation Systems Engineering)
4. Dr. Abinash Mahanta (Geotechnical Engineering)
5. Dr. Sasanka Borah (Geotechnical Earthquake Engineering)
6. Dr. Pulendra Nath Dutta (Water Resources Engineering & Management)

GUEST FACULTY

1. Mr. Prasenjit Saha (Electronics and Telecommunication Engineering)
2. Ms. Mitali Mandal (Structural Engineering)
3. Ms. Rhitwika Barman (Watershed Management and Flood Control)
4. Dr. Anindita Bhattacharjya (Structural Geology)



MECHANICAL ENGINEERING INDUSTRIAL & PRODUCTION ENGINEERING

VISION

To build professionally competent Mechanical Engineers capable of contributing towards development of the nation and betterment of the society.

MISSION

1. To generate academic atmosphere conducive for developing soft skills, teamwork, leadership & entrepreneurship upheld by professional ethics and committed to sustainable development of the nation.
2. To provide high quality education for undergraduate programme in Mechanical Engineering and for higher study by adopting strategic approach in curriculum design and teaching methodology.
3. To promote acquisition of new knowledge and skill by collaborating with institutes of excellence and industries.
4. To generate new knowledge by creative thinking and innovative research targeted at the needs of the society and also North East India.

PROGRAM EDUCATIONAL OBJECTIVES

Program educational objectives describe the expected accomplishments of graduates during the first few years after graduation.

1. Graduate engineers will develop effective technical expertise in Mechanical Engineering upholding ethical & moral values in practice and public life.
2. Graduate engineers will apply their innovative thinking and problem solving capability in social and professional life, exhibiting leadership by communication and teamwork.
3. Graduate engineers will be proficient in continuing their higher studies, professional development courses and research.
4. Graduate engineers will be capable of mobilizing human and physical resources to their fullest extent in organizations for holistic development.

Program & Intake capacity: Under graduate - 60 (ME), 20 (IPE)
Post graduate - 18 (ME)
Ph.D.



PROFESSOR

1. Dr. Kalyan Kalita, HoD (Specialization: Computational Fluid Dynamics)
2. Dr. Ranjit Kumar Dutta (Manufacturing)
3. Dr. Pradip Kumar Mahanta
4. Dr. Sudip Kumar Deb (Industrial Engineering and Management)
5. Dr. Plabon Kakati (Quality Engineering)
6. Dr. Niharendu Saha (Tribology, Machine Design)
7. Dr. Anil Borah (Advanced Manufacturing)
8. Dr. Manjuri Hazarika (Computer Integrated Manufacturing)
9. Dr. Kalyan Kumar Das (Applied Mechanics, Aerospace Engineering) (Dept. of IPE)

ASSOCIATE PROFESSOR

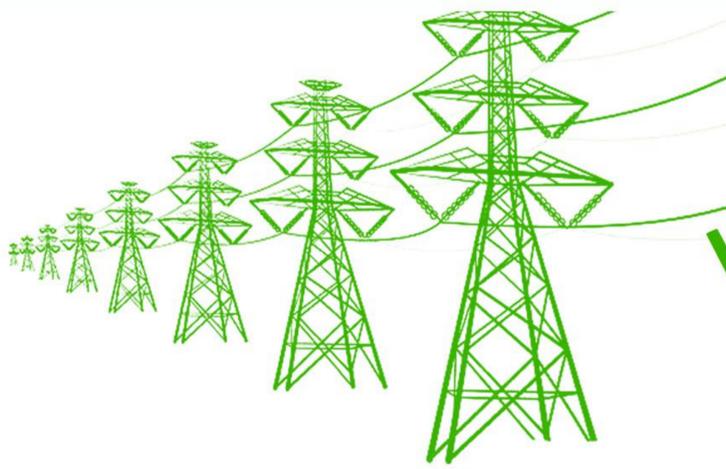
1. Mr. Baharul Islam Borbhuyan (Thermal Engineering)
2. Mr. Prasanta Kumar Choudhury (Thermal)
3. Dr. Basab J Phukan (Thermal Engineering)
4. Dr. Kamal Kumar Brahma (Renewable Energy)
5. Dr. Pradip Baisya (Solid Waste Management)
6. Dr. Manash Hazarika (Advanced Production Systems)

ASSISTANT PROFESSOR

1. Ms. Mousumi Gogoi (Manufacturing)
2. Mr. Jitul Baruah (Thermal Engineering)
3. Mr. Madhurjya Baruah (Machine Design)

GUEST FACULTY

1. Mr. Jyothis A (under TEQIP-III) (Fluid and Thermal Engineering)
2. Mr. Piyush Singh (under TEQIP-III) (Manufacturing)
3. Mr. Anirban Saha (under TEQIP-III) (Computer Assisted Manufacturing)
4. Mr. Devarshi Kashyap (under TEQIP-III) (Manufacturing Technology)
5. Mr. Subhransu Sekhar Mallick (Fluid and Thermal Engineering)
6. Mr. Manash Bhuyan (Manufacturing & Material Science)
7. Mr. Monoj Baruah (Energy system, Manufacturing & Materials Science)
8. Ms. Ridhi Bordoloi



ELECTRICAL ENGINEERING INSTRUMENTATION ENGINEERING

VISION

To emerge as a centre of excellence in electrical engineering education and research in promoting sustainable development

MISSION

1. To impart quality education in electrical engineering with focus on continual improvement.
2. To promote research and innovation in the field of electrical engineering
3. To nurture scientific temperament, professional ethics and entrepreneurship among students
4. To inspire the students to actively engage in solving societal and environmental problems by applying their technical knowledge

PROGRAM EDUCATIONAL OBJECTIVES

1. To build a strong foundation so that the students can pursue higher studies and contribute in innovative fundamental and industrial research.
2. To develop problem solving skills among students so that they can tackle problems in their professional life and imbibe life-long learning.
3. To impart technological knowledge and enhance soft skills so that the students can adapt to the dynamic job scenario.
4. To develop life skills and overall personality of students by instilling values such as, discipline, ethics, sense of responsibility and respect to the law.
5. To inculcate among students the spirit of entrepreneurship for developing their own ventures.
6. To engage students in projects and activities relevant to solving societal and environmental problems.

Program & Intake capacity: Under graduate - 90 (EE), 20 (IE)
Post graduate - 18 (EE)
Ph.D.



PROFESSOR

1. Dr. Aroop Bardalai, HoD (Specialization: Machine Control)
2. Dr. Damodar Agarwal (Industrial Engineering)
3. Dr. Durlav Hazarika (Power System)
4. Dr. Runumi Sarma (Image processing)
5. Dr. Sarmila Patra (Power System)
6. Dr. Bani Kanta Talukdar (Power System)
7. Dr. Dipankar Chanda (Power System)
8. Dr. Satyajit Bhuyan (Power System)
9. Dr. Bimal Chandra Deka (Power System, Reliability Engineering)
10. Dr. Barnali Goswami (Power System)
11. Dr. Amrita Ganguly (Image Processing)

ASSOCIATE PROFESSOR

1. Prof. Deeptarka Deka (Optical Communication) (Dept. of IE)
2. Dr. Purabi Patowary (Power System-Operation, Reliability, Quality) (Dept. of IE)
3. Dr. Deba Kumar Mahanta (Optoelectronics and Optical Communication)

ASSISTANT PROFESSOR

1. Dr. Biswanath Dekaraja (Power System)
2. Dr. Sasanka S. Sarma (High Voltage)
3. Ms. Ritu Nazneen Ara Begum (Instrumentation and signal processing) (Dept. of IE)

GUEST FACULTY

1. Ms. Kumari Nutan Singh (Power System)
2. Dr. Kangkana Baishya
3. Dr. Namita Baruah
4. Dr. Mridusmita Sarma
5. Ms. Dhritika Saikia
6. Mr. Rhittwikraj Moudgollya (under TEQIP-III) (Bioelectronics) (Dept. of IE)



CHEMICAL ENGINEERING

VISION

To be a department of repute by imparting sustainable quality education and research, with the objective of producing technical manpower who can address the challenges of the chemical and allied industries with societal ethics.

MISSION

1. To provide quality education at the undergraduate level and produce competent professionals.
2. To prepare students for advanced learning in Chemical Engineering and its allied fields.
3. To prepare students with up-to-date technical knowledge through industry-institute interaction.
4. To inculcate professional, environmental and social values in students so as to groom them into individuals who would strive to contribute towards building a better society.

PROGRAM EDUCATIONAL OBJECTIVES

1. Graduates will be able to pursue careers in Chemical Engineering and related fields of engineering such as petroleum & petrochemical sectors, environmental, material science, energy, etc.
2. Graduates will be able to identify and formulate engineering and design related problems and provide appropriate solutions in social, environmental and economic context.
3. Graduates will be motivated for life-long independent learning through advanced degrees, certifications and handling innovative project schemes.

Program & Intake capacity: Under graduate - 60
Ph.D.



PROFESSOR

1. Dr. Bandana Chakraborty, HoD (Specialization: Membrane Separation)

ASSOCIATE PROFESSOR

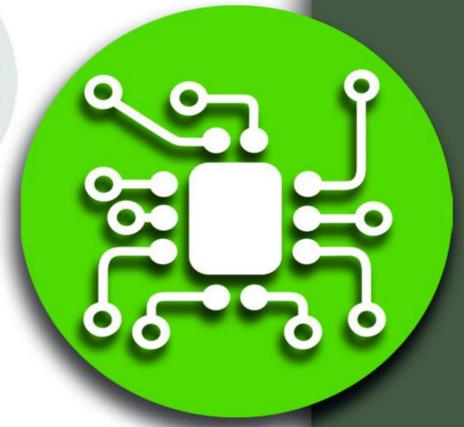
1. Prof. Tapan Jyoti Sarma (Natural and Synthetic Polymers)
2. Dr. Kabita Chakraborty (Membrane based Separation)
3. Dr. Ashim Kumar Basumatary (Ceramic Composite membrane based Separation)

ASSISTANT PROFESSOR

1. Dr. Ujwala Hujuri (Plastics Engineering)

GUEST FACULTY

1. Prof. Runjun Das (Polymer Engineering)
2. Mr. Chiranjib Das (Material science and technology)
3. Dr. Shasanka S Borkotoky
4. Ms Mousumee Das
5. Mr Souradip Choudhury



ELECTRONICS AND TELECOMMUNICATION ENGINEERING

VISION

To be a centre for quality education in electronics and communication engineering.

MISSION

1. To impart quality education for producing skilled manpower in electronics and communication engineering to cater for the need of the country and the society as a whole.
2. To encourage students and faculty for research and innovation in electronics and communication engineering through industry-academia interactions.
3. To facilitate an environment for shared learning, team work, development of professional skills and preparation for higher education.

PROGRAM EDUCATIONAL OBJECTIVES

1. Graduates will attain sound theoretical and practical knowledge for pursuing a career in industry and research-and-development organizations or carrying out higher studies.
2. Graduates will possess skills and creativity essential for innovation, entrepreneurship and creation of intellectual property.
3. Graduates will imbibe human values, team work and social and professional ethics for building a better environment and society.

Program & Intake capacity: Under graduate - 60
Ph.D.



ASSOCIATE PROFESSOR

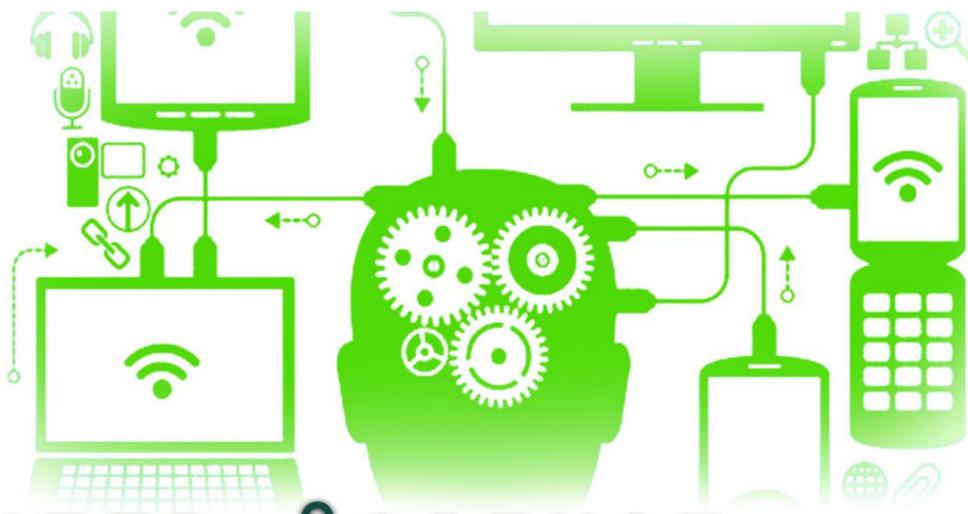
1. Dr. Navajit Saikia, HoD (Specialization: Signal Processing)
2. Prof. Dinesh Shankar Pegu (Signal Processing)
3. Dr. Rashi Borgohain (Sensors, Nanotechnology)

ASSISTANT PROFESSOR

1. Mr. Bijoy Goswami (VLSI, Micro Electronics)

GUEST FACULTY

1. Prof. Apurba Kr. Kalita (Electronic Circuits & Networks)
1. Ms. Ruchira Mazumdar (Microcontroller and embedded systems)
2. Mr. Kabindra Bhagawati (RF Design)
3. Mr. Ankur Jyoti Sarmah (Control System)
4. Ms. Kamini Kumari
5. Mr. Niranjana Jyoti Borah
6. Mr. Nishant Bharti



COMPUTER SCIENCE AND ENGINEERING

VISION

To be a centre for quality education in computer science and engineering.

MISSION

1. Continuously endeavour to provide quality education and training in computing that apply to all disciplines of engineering.
2. Provide a curriculum that ensures theoretical and practical knowledge necessary to excel in academics, research, entrepreneurship and career in industry.
3. Facilitate exposure in training of tools and techniques in contemporary subjects and emerging technologies through institute – institute and institute – industry interactions and collaborations.
4. Promote an environment for shared learning, cooperation, team work and professionalism.

PROGRAM EDUCATIONAL OBJECTIVES

1. Graduates will be able to excel in competitive and professional environments in current and emerging computing technologies.
2. Attain knowledge and skillsets to design and deploy software and hardware to meet the needs of society, research and design or pursue a career in academics.
3. Imbibe values of teamwork, ethics and professionalism for the betterment of their own and the society.



ASSOCIATE PROFESSOR

1. Prof. Dinesh Shankar Pegu, HoD

ASSISTANT PROFESSOR

1. Dr. Gunajit Kalita (Reversible Logic, Artificial Intelligence, Futuristic Computing)
2. Ms. Rajashree Konwar (Distributed System, Algorithms, Parallel Computing)
3. Mr. Mridul Jyoti Roy (Machine Learning, Data Science)

SYSTEM ADMINISTRATOR

1. Ms. Riju Kalita (Image Processing)

GUEST FACULTY

1. Mr. Partha Bhowmik (Theory Of Computation, Compiler Design, Information Theory & Coding)
2. Ms. Dharitri Talukdar (Software Engineering)



COMPUTER APPLICATIONS

VISION

To be a department of excellence by producing globally accepted IT workforce.

MISSION

1. Committed to impart quality education for producing skilled and employable graduates to cater the industry demands locally as well as globally.
2. Continuous skill and knowledge upgradation of students, faculties and staff of the department for adopting changes in technology and innovation through industry – academia programme.
3. To facilitate an environment for shared learning and team work to carry out ICT based state-of-the-art research, innovation and entrepreneurial activities.
4. To produce socially acceptable graduates emphasising optimum mental health and physi-

PROGRAM EDUCATIONAL OBJECTIVES

1. The graduates will excel in industry, research & innovation, higher studies and academia.
2. The graduates will be skilful in various societal entrepreneurial activities.
3. The graduates will imbibe good human values and ethics.

PROFESSOR

1. Dr. Subhrajyoti Bordoloi, HoD (Specialization: Distributed System, Database Technology)

ASSOCIATE PROFESSOR

1. Dr. Jyotiprakash Goswami (Data Mining Techniques)
2. Dr. Maushumi Barooah (Wireless Network)
3. Dr. Amrita Bose Paul (Wireless Networks & Network Security)

ASSISTANT PROFESSOR

1. Dr. Bornali Gogoi (VLSI Design & Application of Graph Theory)
2. Dr. Rongdeep Pathak (Computer Science, Graph Theory)
3. Mr. Nelson R. Varte (Web Technology)

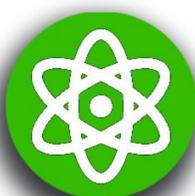
Program & ntake capacity: Post graduate - 30
Ph.D.

FACULTY



ALLIED DEPARTMENTS

Knowledge of science helps the engineer understand the constraints inherent in a problem and helps engineer develop possible approaches for a solution. Allied subjects are upper-division mathematics, physics or chemistry that have a background connection or relevance to engineering.



PHYSICS

ASSOCIATE PROFESSOR

1. Ms. Anakshi Das, HoD (Specialization: Theoretical & Astrophysics)
2. Mr. Kishor Kumar Das (Electronics & Low Dimension Physics)

GUEST FACULTY

1. Dr. Neelanjan Bezbaeuh
2. Dr. Mridusmita Phukan



CHEMISTRY

ASSOCIATE PROFESSOR

1. Dr. Tapash Kumar Barman, HoD (Specialization: Physical Chemistry)

ASSISTANT PROFESSOR

1. Dr. Utpal Nath (Organic Chemistry)
2. Dr. Jutika Goswami (Polymer Chemistry)
3. Dr. Gitanjali Majumdar (Physical Chemistry)

GUEST FACULTY

1. Dr. Bedika Phukan

ALLIED DEPARTMENTS



MATHEMATICS

ASSOCIATE PROFESSOR

1. Mr. Pranab Kumar Sharma, HoD (Specialization: Algebra)
2. Dr. Makani Das (Relativity)
3. Dr. Naba Mallika Barua (Fluid Dynamics)
4. Dr. Pankaja Das (Functional Analysis)
5. Dr. Hiramala Talukdar (Ring Theory)
6. Ms. Shyamoli Bania (Algebra)

GUEST FACULTY

1. Mr. Pranab Parasar
2. Manas Pratim Das



HUMANITIES

ASSOCIATE PROFESSOR

1. Dr. Afazuddin Ahmed, HoD (Specialization: Labour Economics and Social Welfare)
2. Mr. Haren Borah (Economics)
3. Dr. Farhana Parveen (British Fiction, Post- Modern Literature and Communication Skills)
4. Dr. Anil Kumar Borah (Commerce(Management & Accountancy))



LABORATORIES



CIVIL ENGINEERING

1. Transportation Engineering
2. Geotechnical Engineering
3. Hydraulics
4. Surveying
5. Strength of Materials
6. Engineering Geology
7. Environmental Engineering
8. Computer Aided Design



MECHANICAL ENGINEERING INDUSTRIAL & PRODUCTION ENGINEERING

1. IC Engines
2. Engineering Mechanics
3. Fluid Mechanics
4. Instrumentation
5. Material Science
6. Theory of Machine
7. Heat Transfer
8. Machine Tool
9. Metrology
10. Steam Engine
11. CAD/CAM
12. Hydraulic Machine
13. Computer
14. Smithy Shop



ELECTRICAL ENGINEERING INSTRUMENTATION ENGINEERING

1. Electrical Machines I
2. Electrical Machines II
3. Electro Technology I
4. Power Electronics
5. Digital Electronics & Systems
6. Computer
7. Control System
8. Electrical Measurements and Measuring Instruments
9. Basic Electrical Engineering

LABORATORIES



CHEMICAL ENGINEERING

1. Mass Transfer Operation
2. Heat Transfer Operation
3. Chemical Reaction Engineering
4. Petroleum Refinery and Production
5. Mechanical Operation
6. Fluid Flow Operation
7. Process Dynamics and Control
8. Energy Engineering
9. Chemical Processes Industry



ELECTRONICS & TELECOMMUNICATION ENGINEERING

1. Network Theory & Analysis
2. Electronic Devices
3. Digital Electronics
4. Network Theory & Analysis
5. Electronic Devices
6. Digital Electronics
7. Computing lab
8. Microwave Engineering
9. Electronics Circuit
10. Instrumentation & Electronic measurement
11. Analog Communication
12. Microprocessor
13. Digital Communication
14. Analog System Design
15. Microcontroller & Embedded system
16. Digital System Design



COMPUTER SCIENCE AND ENGINEERING

1. Basic Electronics
2. Programming Language
3. Microprocessor
4. System Programming
5. Software Engineering
6. Data Structure
7. Algorithm
8. Computer Graphics
9. Computer Networking
10. Formal Language and Automata Theory
11. Operating System
12. Multimedia
13. Database Management System



COMPUTER APPLICATIONS

1. C, C++ and Data Structure
2. Open Source Database
3. DIT Sponsored R&D Lab -I
4. DIT Sponsored R&D Lab -II



SELF LEARNING AND BEYOND SYLLABUS



LIBRARY

The College Library of AEC spread over 616 sq. meter area. It provides a comfortable and friendly environment that enables learning and advancement of knowledge, and promotes discovery and scholarship. The Library facilitates creation of new knowledge through acquisition, organization and dissemination of knowledge resources. Some of the key features of the Library are:

- Learning resources including e-resources for self-learning activities
- Collection of more than 63000 book volumes (15485 titles) and 165 e-books
- IEEE and ASCE Journals sponsored by MHRD, Govt. of India
- Accessible to students during 9.30am-5.00pm in every working days
- Computerized indexing based search
- Internet facility with exclusive server for the Library
- Comfortable and spacious reading environment: 309 Sq meter of reading space



CENTRAL COMPUTING CENTER

The Internet is an open information system in which various sources such as texts, images, video sequences, etc. can be linked together in diverse ways for having a self-learning environment. Internet offers new possibilities to structure, represent, adapt and integrate various learning content and materials. Furthermore, due to its interactivity, learners can process the material in accordance with their individual preferences and strategies at any time and from any place provided an internet connection is available. They may select and examine from a large pool of information only those pieces necessary to meet their learning objectives. Hence, the potential of the Internet self-learning mode is considered to be very high. The institute has created a Central Computing Center (CCC) with 60 computer terminals and with uninterrupted internet connectivity of 1Gbps data link. Internet is provided to the institute by Government of India under the scheme of National Knowledge Network (NKN).

The CCC distributes the internet connection among various departments, library, offices, canteen and hostels. Wi-fi facility is available 24x7 in the academic and administrative buildings as well in the hostels. This facility allows students to access uninterrupted Internet connectivity anywhere within the campus.



SELF LEARNING AND BEYOND SYLLABUS



NPTEL

National Programme on Technology Enhanced Learning (NPTEL) has been an initiative by seven Indian Institutes of Technology (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) and Indian Institute of Science (IISc) for creating course contents in engineering and science. The mission of NPTEL is to enhance the quality of engineering education in the country by providing free online courseware. Any interested individual can access to the NPTEL resources.



C-DAC-AEC PARAM SUPERCOMPUTING CELL

Supercomputing or High Performance Computing (HPC) has become one key resource for computational simulation and modeling leading to the technological and economic growth of the nation. HPC have revolutionized the way engineers solve problems in all engineering disciplines as the existing desktop computers have very limited parallel programming environment. The rapid growth in HPC worldwide has procreated demand for expertise in India also. These Supercomputers are used as a tool for carrying out modelling, simulation and data analysis (modern R&D methodologies) in multiple science and engineering domains. AEC has created the supercomputing centre with financial support and technical collaboration of Centre for Development of Advanced Computing, Government of India for study, education, research and innovation. The infrastructure also enables the students to take up interdisciplinary research in engineering where the focus will be on simulations with a clear purpose for decision making in problems of national and state importance.





SELF LEARNING AND BEYOND SYLLABUS



MULTI-SKILLING AND SUSTAINABILITY CENTRE

To address the dual challenge of skill development 'paucity' & 'employability' as indicated earlier and to promote an ecologically literate and socially responsible skilled citizenry as envisioned; conversion of the existing workshop of AEC into a Multi-Skilling and Sustainability Centre as a state level common facility for skill-development by modernization and removal of its overall obsolescence is under process. The existing workshop of AEC has eight units with a total plinth area being 27000 sq feet with wide range of machineries installed about 60 years back which are generally underutilized and have suffered fast obsolescence due to changes in technology.



ENTREPRENEURSHIP DEVELOPMENT CELL

The Entrepreneurship Development Cell (EDC) of Assam Engineering College was set up in the year 2009. It is a non-profit student organization that aims to hone, nurture as well as sprout an entrepreneurial spirit among the students and impress upon them a subject of vital importance in the present times- 'self employment'. Keeping this agenda in mind, the cell regularly organizes startup talks and showcases in the college premises periodically by inviting local, especially, well-known AECian startups like Poptales, Jaobol, Eventjugaad, TechVariable, etc. The Alumni's success story inspires the budding minds. The EDC cell also organizes sessions on public speaking as well as case studies. It hosts various prestigious B-plan competitions and lecture seminars. The EDC cell also organizes industrial tours and interactions with industrial experts to encourage students in cultivating ideas and help them to master it. EARTHNI is the annual entrepreneurship summit organized by the EDC cell of this college.

STUDENTS' UNION AND STUDENT ACTIVITY CENTRE



STUDENTS' UNION

The AEC Students' Union is an elected body of students. The elected student representatives take the lead in all welfare works related to students. The college authority offers all kinds of assistances to the union.



STUDENT ACTIVITY CENTRE

AEC has been always concentrating to blend knowledge, skills and attitudes in young the students such that they can deliver in the diverse Indian and world environment with appropriate societal and environmental considerations. The Student Activity Centre (SAC) of AEC provides the students platforms to share their innovative idea, talent and culture under one roof so that the young students can explore themselves to the fullest extent. Following are some clubs operating under the SAC providing full scope to the students to explore the unexplored horizons and to perform at the best.

1. Art Artist Artworks Painting club
2. Aspire Community
3. Bihu club
4. The best house (Dance)
5. Coding club
6. Drama club
7. Energy Club
8. Flash Point (Photography)
9. JAM club (Music)
10. Literary club
11. Media cell (Publicity & Information)
12. Quiz club
13. Riders' club
14. Robotics Club
15. Science club
16. SCOPE club
17. Sports club





MAGAZINE AND SPORTS



MAGAZINE

Assam Engineering College also publishes an annual magazine called "AECIAN". It was first published in the year of 1964, and since then every year the students, faculty members and other members of the AEC fraternity is helping in making the magazine an intellectual mirror for the college.



SPORTS



Assam Engineering College has as many as 5 grounds for playing various kinds of sports like cricket, football and other outdoor sports. It also has a hard court for basketball and also a hard court for tennis. Courts for volleyball and badminton are also there within the campus. Table Tennis board is available in the Boy's and Girl's common rooms and also in all the hostels. There is a gymnasium hall in the campus which is well equipped with many the modern equipments. Many AECians have won medals in inter college championships as well as in competitions at state level and national level.

SOCIAL OUTREACH



NCC

The National Cadet Corps (NCC) in India is a voluntary organization which aims at developing discipline, character, brotherhood, the spirit of adventure and ideals of selfless service amongst young citizens. Not only these, it also aims to enlighten leadership qualities among the youth. NCC of Assam Engineering College comes under the company of 30 Assam Engineering. It is open for both boys and girls. A Caretaking Officer is allotted to college.



NSS

National Service Scheme (NSS) provides students to have a better outlook on social issues and acts as a platform to help and perform for the betterment of society and for environmental protection. The NSS chapter of AEC organizes many activities catering the social needs including Health and Safety Awareness Camp. The other two popular activities have been the plantation drive and the cleanliness drive.



SOVIC

SOVIC is a group started off with an initiative by a group of enthusiastic and socially committed group of engineering students from AEC hailing from diverse backgrounds with a common vision of "A better tomorrow for the backward and less-privileged children". The focus areas of SOVIC are helping destitute, orphan, neglected, needy and abandoned children; empowerment of children and women; eliminating child labour and child abuse; educational reforms; etc.



RED RIBBON SOCIETY

Red Ribbon Society, founded in the year 2011, is a group of enthusiastic blood donor students from AEC. The society organizes and manages one blood donation camp every year in collaboration with Social Welfare Section of the college at AEC Hospital premises. The enthusiastic students, alumni, staff & faculty of AEC donate blood for social cause. The team of experts from Guwahati Medical College & Hospital usually supports the event with the necessary technical resources. AEC has set the record of collecting 266 units of blood in a day for any educational institution.





ANNUAL EVENTS



COLLEGE WEEK

Assam Engineering College organizes the annual college week hosting pool of competitions for students in the second half of January every year aligned with its Foundation Day Celebration. During the college week, competitions in various disciplines of sports, cultural and literature are held. Various outdoor sports competitions such as Cricket, Football, Tennis, Volleyball, Basketball, Badminton and Athletics are conducted. Various indoor sports competitions such as carom, table tennis, etc. are also held. Students also competes in the cultural events such as solo singing, Chorus, Qawali, Jikir, Borgeet, Drama, Group Dance, Bihu competition, etc. Debate and quiz competitions are also organized during college week. Salad Dressing Competition and Flower Decoration Competition are specially held for girl students. The college week also hosts a competition on Wall magazine. These competitions provide the students an opportunity to perform and showcase their talents. After the week long activity, winners are awarded in a prize distribution ceremony.

The college week ends with a parade competition along with a cultural rally. Parade completion has been a point of attraction in the Foundation day celebration of the college on 25th January every year.



PYROKYNESIS

AEC also organizes a cultural festival "Pyrokinesis" in every even semester. It has been an effort of the college to enthuse the spirit of technical and cultural exuberance amongst youth. Pyrokinesis is a common platform wherein students can showcase their talents and visions. This festival encompasses a wide range of events covering almost all the areas of interest of the youth of this part of the nation. From entertainment to science and technology, from ICT application to literature pursuits, all the events at Pyrokinesis could constantly set new benchmarks of excellence in organization and participation.



UDBHAVANAM

Udbhavanam, the annual technical festival of AEC, is a two-day technical fest organizes many exciting events to attract the technical students from all over India. Through some events in this festival, AEC also try to induce young minds of the school students to new technologies and applications. This two-day technical festival promises to deliver technical knowledge and understanding to the technical students through events as well as to offer a platform to seed new endeavors through various technologies in the betterment of the society. Various cells and clubs in the college, like the Entrepreneurship Development Cell, Energy Club, Robotics Club, etc., also organize various events for showcasing talent and technology.



ANNUAL TECHNICAL FESTIVAL OF ASSAM ENGINEERING COLLEGE

Udbhavanam 2012
THINK . INNOVATE . EXPLORE

TRAINING AND PLACEMENT



The Training & Placement Cell (TPC) of AEC became an active functional unit of the college from the year 2002. The TPC initiated interaction with various organizations and industries to impress upon them and organize campus recruitments for the students. Over the years, TPC has been providing opportunities to the students to prove their caliber and mettle in various areas starting from the ICT sectors to the core industries. It has been putting serious efforts to improve the quality of the students by organizing trainings, motivational talks, seminars, workshops, etc. through best-available experts. The TPC has been a significant and notable landmark in the history of AEC, and will definitely continue to remain so in the coming years.

The TPC operates from the Multi-Disciplinary Centre (MDC) complex with its own communication set-up. The working team in TPC comprises of Training and Placement Officer, Assistant Training and Placement Officer, Training and Placement Secretary who is elected every year by the students of the college, Training and Placement Faculty representative from respective departments, Training and Placement Coordinators and office support staff. The Training and Placement Coordinators are student representatives from various disciplines.





INTERNSHIP



SUMMER INTERNSHIP

Summer internship of minimum four weeks has been mandatory for undergraduate students pursuing B.E. courses at the end of their 6th semester. The students are to apply at different companies, government organizations and research institutes for internship from the beginning of the semester with the help and support of the departmental faculty members and the Training & Placement cell of the college jointly. The department also helps the students by interacting with the industrial experts, provide the students recommendation letters and other necessary supports. Depending on departmental view, the students may pursue the internship in an research institute or in an industry.



OVERSEAS SUMMER INTERNSHIP

The Overseas Summer Internship Program is an initiative taken by the Directorate of Technical Education, Govt. of Assam. The first of its kind in Assam, the key motive is to provide international exposure to meritorious engineering students in the engineering colleges under Govt. of Assam and also to improve the students' outcome. This is fully sponsored program by Govt. Of Assam and the Government bears the costs of Outbound and Inbound economy class flight fare, lodging, food, visa charges for internship and travel insurance. The Directorate selects undergraduate engineering students and arranges for the overseas summer internship of the selected students in reputed foreign University/ Institution.





FACILITIES



AUDITORIUM AND SEMINAR HALLS

The College have Auditorium and Seminar halls equipped with good audio visual facilities for various cultural activities, guest lectures, seminars, presentations etc.



BANK AND POST OFFICE

The college campus houses one branch of State Bank of India (SBI) and one branch of Post Office for the convenience of the students and staff of the college.



MULTI DISCIPLINARY CENTRE (MDC)

MDC is a well-equipped edifice which aims at establishing a cordial relationship with industry and corporate. It houses seminar and conference halls with modern communication aids. The Training and Placement Cell of the college also functions from the MDC centre with state-of-art infrastructural facilities for the training and placement activities.



HOSPITAL AND MEDICAL FACILITIES

The college runs a fully functional Medical Hospital with basic healthcare facilities with residential doctors and staff.



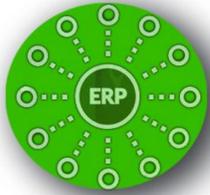
CANTEEN AND MARKETING COMPLEX

The institution runs a college canteen for students and employees, and also a market complex where the students can buy their essentials.





COLLEGE ERP



The college management system is an online ERP software that enables management of online admission & fees, students' attendance, etc. It also generate students' performance reports. It improve operational efficiency & institutional outcomes by automating Student-Faculty lifecycle & campus administration. The college ERP is designed keeping in mind the different operations of a college.

Modules Available:

1. Students' Module
2. Teachers' Module
3. Administrator Module
4. Department Module

Student Module :

1. Student Registration Through CEE Counselling & General Registration at the time of Admission
2. Student Portal with all the features accessible from admission upto graduation.
3. Student Profile Editor / Viewer - Customized profile
4. Student Attendance Viewer - Summary of the attendance taken by the teacher during the academic session along with all the topics and class notes of the classes attended and not-attended .
5. Student Notifications - Customized notification to the students.
6. Student Assignment Viewer - Online realtime assignment submission
7. Useful Information Viewer
8. Can send message to mentors
9. Grievance Submission
10. Student's Feedback System (In-direct Assessment)
11. Student Academic Progress Report - Marks, no of backlogs, when they have cleared backlogs, percentage in each semester, no of years passing the course etc.
12. Online Examination Portal for conducting online examinations in the real time. Options available for MCQs and Written tests.
13. Student Affairs: all examination, scholarship related, examination form related affairs are handled in this portal. The Students can check the internal notification for examination or scholarship being published here. Students can also submit soft copies of examination forms, and can also collect examination admit cards from



Teacher's Module :

1. Teacher Login
2. Teacher Routine Viewer - Online class routine
3. Class Attendance - with class notes submission
4. Class test attendance / Examination Attendance
5. Attendance Reports - of the students are accessible through this panel
6. Class Test Creation - to insert internal marks which can be used to calculate COs-POs
7. Class Test / End Sem Marks Entry
8. Co, PO Calculator according to NBA Guidelines - Two formulas are available for calculation of CO - Percentage and Marking formula
9. Attendance Log book - Teacher's Own attendance log book
10. Course File Uploader - Can upload course files like class notes, assignment notes etc to the students of the classes
11. Automated Sessional Calculator
12. Profile Manager / Awards and Achievements Editor - Teacher's own profile manager
13. Assignment - Student's assignment submission and checking portal
14. Employee Leave Management [Not-implemented yet]
15. Mentor Management
16. Partial Notification Panel
17. Student Reports

Admin Module / Departmental Module :

1. User Management (Student/ Teacher)
2. Subject Management - Departmental Subject Management
3. Course / Curriculum Management
4. CO-PO Editor / Levels - Initial setup of COs and POs
5. Event Management (Minutes/Photo/Attendance)
6. Clubs and Interests Manager
7. Grievance Redressal System
8. Role Manager
9. Student Affairs: Administrator can publish notifications to the Student Affairs panel which can be accessed by the students after logging in to the panel. Administrators can also collect soft copies of documents from particular classes whenever necessary. All documents are stored and can be retrieved whenever required.

Report Module:

Student Report, Teacher Report, Departmental Reports, Activity Reports, Event Reports, CO-PO Reports, Attendance Report, Mentor Reports, Grievance Reports, Examination Reports



ALUMNI ASSOCIATION



Alumni of AEC are spread throughout the globe and are maintaining the dignity and reputation of the college at its peak through valuable contributions to the industry and society as well. The AEC Alumni Association (AECAA) was established in the year 1997. It is administered by an alumni committee. The Alumni Association is very active in promoting interactions and camaraderie among the alumni, staff and management. Besides helping the alumni in all possible ways, it also lends its support to the college to achieve its cherished goals, its vision and mission. Ensuring and facilitating the continual bonding of our alumni is one of the main objectives of our Alumni Association. The AECAA aims to maintain a continuing and life long relationship among the students, faculty and Alma matter.

**“Goodbyes are not forever, Goodbyes are not the end,
They simply mean I will miss you, until we meet again.”**



WORKSHOP AND CONFERENCE



National Workshop on Advances in Communication and Computing (WACC)

The idea and motive of WACC is to promote academic, research and professional experience of experts and individuals in various fields of communication and computing. Started in the year 2012, it is organized every year by the department of Electronics & Telecommunication Engineering in association with the department of Computer Science & Engineering to encourage students for innovation as well as to provide an incubation platform for researchers and students to indulge in advance study and research in the focus areas. WACC hosts comprehensive plenary talks by reputed academicians and researchers, tutorials by experts from academics / industries and technical paper contribution.



International Conference on Civil Engineering for Sustainable Development – Opportunities and Challenges (CESDOC)

With depleting natural resources and increasing demand on energy and infrastructure, the paradigm within which engineers, architect and policy makers works has significant impact on progress toward sustainable development. The biennial conference CESDOC organized by the department of Civil Engineering aims at congregation of policy makers, stakeholders, engineers, architects and planners to brain-storm on various issues to strengthen the internationally mandated approach for sustainable development. The conference provides a platform to champion the effort to build capacity for sustainable development that demands more socially and environmentally responsible decision process for implementation of development projects.



International Conference on Accessibility to Digital World (ICADW)

The ICADW conference is in the field of computer Science & engineering, information technology, electronics and communication engineering encompassing all northeast Indian institutes/organizations where North East India's specific issues are directly or indirectly reflected in the themes of the conference. The conference is hosted within NE states on rotation for the initial few years. It is an annual conference to provide forum for the presentation of technological advances and research findings in the concerned areas.



International Conference on Smart Villages and Rural Development (COSVARD)

With over 40% of the world's population now living in rural areas, there is global interest in research associated with the creation of "Smart Villages" to address the ever growing urban-rural divide. COSVARD aims at rural community development, community-centric planning of affordable housing, infrastructure, sustainable development and growth, community empowerment and other issues related to the creation of Smart Villages.



ADMISSION RULES

Students are admitted to the B.Tech. programs depending on their eligibility as under:

1. Students seeking admission after Higher Secondary Examination of the Assam Higher Secondary Education Council, or its equivalent are admitted through a Common Entrance Examination conducted by the Government of Assam.
2. The Government of Assam also conducts a Lateral Entrance Examination for Lateral Entry which can be opted after completion of the 3-year Polytechnic Diploma from the state of Assam for getting admitted to the B.Tech. programs in 3rd semester.



ELIGIBILITY CRITERIA

ADMISSION AFTER 10+2 STANDARD

1. Be an Indian Citizen, and a permanent resident of Assam.
2. Pass the Higher Secondary Examination of the Assam Higher Secondary Education Council, or its equivalent, in which the subjects English, Physics, Chemistry, and Mathematics have been cleared in the same sitting.
3. Pass the qualifying examination (as specified in 'ii' above), securing a minimum aggregate of 50% (45% in the case of Schedule castes and 40% in the case of Schedule Tribes) of the subjects Physics, Chemistry, and Mathematics in the same sitting.
4. Must appear for the Common Entrance Examination (CEE) conducted by the Directorate of Technical Education, Assam, and be selected for admission.
5. Must not be above 21 years or below 17 years of age on the first of August of the year in which the candidate seeks admission. The upper age limit mentioned above is relaxed to 22 years in the case of B.Sc. passed candidates, and by 3 years for Schedule Caste and Schedule Tribe candidates.
6. Must be of a good moral character.
7. Must be physically and mentally fit.

LATERAL ENTRY AFTER 3-YEAR POLYTECHNIC DIPLOMA

1. Be an Indian Citizen, and a permanent resident of Assam.
2. Pass the 3-year Polytechnic Diploma from the state of Assam in the branch in which the admission to be sought.
3. Pass the qualifying examination (as specified in 'ii' above), securing a minimum aggregate of 50% (45% in the case of Schedule castes and 40% in the case of Schedule Tribes) of the subjects Physics, Chemistry, and Mathematics in the same sitting.
4. Must be of a good moral character.
5. Must be physically and mentally fit.

ADMISSION RULES



SELECTION PROCEDURE

Candidates for the general seats shall be selected strictly on the basis of merit of the Common Entrance Examination (CEE) conducted by the Director of Technical Education, Assam, in places and times notified by the Director of Technical Education in Assam Gazette and news papers every year. The test is normally held in the month of May. In the admission test, candidates must appear in a single paper of Multiple Choice Questions (MCQ) of 3 hour duration. (Mathematics: 40 Questions, Physics: 40 Questions and Chemistry: 40 Questions)

The Director of Technical Education, Assam, will publish the merit list based on the results of the Common Entrance Examination (CEE), and candidates will be selected in order of merit from the list. Candidates belonging to Scheduled Castes/Scheduled Tribes or any other categories must also appear in the Common Entrance Examination (CEE). They will, however, be selected against the quota reserved for them according to merit.

CHOICE OF COURSE OF STUDY

Candidates must indicate in the application form the branch of Engineering (i.e. Civil, Mechanical, etc.) they wish to pursue in the order of their preference. They shall be allotted their branches of study on the basis of their preference and their performance in the Common Entrance Examination (CEE).



EXEMPTION FROM EXAMINATION

- 1) Candidates nominated against reserved seats for other States, Union Territories under CSAB NEUT by their respective Governments, provided they satisfy the conditions for eligibility.
- 2) Candidates ranked 1st in the Assam Higher Secondary (Science Stream) Examination of the Assam Higher Secondary Education Council, provided he/she secures not less than 75% marks in aggregate in the year in which they seek admission. Such candidate must apply for direct admission within 10 days of publication of their qualifying examination results, to the Director of Technical Education, Assam.



RESERVATION

Seats are reserved for various categories as per Government of Assam Rules.

Please Note: Aspiring candidates for admission are asked to check DTE Website (<http://dte.assam.gov.in>) for latest updates regarding Admission Rules / Procedures / Reservations, etc.



CONTINUOUS EVALUATION GUIDELINES



CONTINUOUS EVALUATION OF STUDENTS DURING AN ACADEMIC SESSION

- 1) It is mandatory for all that the classes for an academic session have to begin from the date mentioned in the academic calendar.
- 2) The class teacher will warn the defaulting students having attendance below 75% after the first 15 classes. If necessary, parents are to be informed/summoned in case of the defaulters by using personal phone contact or through the telephone at the office of the Principal, AEC.
- 3) To make up for lost classes deficit, scope will be given to the defaulting students by way of work assignments, such as class note preparation/assignments/tests/labs at periodic intervals so that no complaint arises at the end of the session regarding clearance.
- 4) Sufficient number of assignments (at least two) must be given and sufficient number of class tests (at least three) is to be held according to the course objectives to be attained as spelt out in the course curriculum.
- 5.) To assess the sessional component of “impression” (it should be rather ‘impression component’ of sessional), activities, such as quiz/viva voce/extempore speech/mini report, PPT presentation etc. may be organized during the session on selected topics relevant to the curriculum.
- 6) The teacher will fill-up an Summary Evaluation Sheet at the end of the session and submit it to the Principal through the Head of the Department. Teachers will send the sessional/practical marks for their respective courses to the university as per the evaluation only.
A teacher must take at least 40 classes (as per AICTE guidelines) for a full subject (credit 4/Marks 100), and efforts should be made to achieve this goal as a part of the best practices in academics. The teacher shall fill-up an Weekly Report format on every weekend and submit it to the Head of the department. HODs shall prepare monthly reports and transmit the same to the Principal, AEC. Any irregularity found in case of any teacher will be reported to the principal, who will subsequently take necessary action.



HOSTEL RULES



OBJECTIVES OF THE HOSTEL LIFE ARE

1. To ensure that the students are able to devote adequate time to their studies.
2. To ensure that students learn to live together and strengthen their relations with mutual co-operation and goodwill
3. To develop a climate congenial for co-curricular and extra-curricular activities of students.
4. To make every Campus Cleaner and Greener



ORGANIZATION OF THE HOSTEL ADMINISTRATION

A. HOSTEL MANAGEMENT COMMITTEE

a) The Principal of the Institution will appoint a Hostel Management Committee with one Senior Hostel Superintendent as ex-officio chairperson. The Principal will have the responsibility and authority to appoint the members in consultation with the Chairperson for strict disciplined functioning of the Committee. This Committee will have representations from all Sections of Employees and students. This Committee will take policy decisions for the functioning of the hostels subject to the approval of the Principal of the Institution.

b) The Hostel Management Committee will be responsible to frame rules for day to day functioning of the hostels, various facilities and timings etc. This Committee will ensure that Hostel rules and regulations are strictly adhered to by the residents and recommend actions for any violation of the rules including penalties and expulsion from the Hostel to the Principal of the Institution.

B. DUTIES OF THE HOSTEL SUPERINTENDENT

a) The Hostel Superintendent of a hostel is the principal authority and Executive in all matters relating to resident students welfare, their discipline and services as well as the administration and security of the hostel.

b) The Hostel Superintendent shall look after the general discipline and welfare of the boarders and employees.

c) The Hostel Superintendent shall be entitled to rent free accommodation and allowance as per Govt. Rules

d) The Hostel Superintendents are responsible for the duties and responsibilities assigned to them.



HOSTEL RULES

C. HOSTEL MONITORS/MONITRESS

- a) In each hostel there shall be one or more Monitor(s)/Monitress to be appointed by the Hostel Superintendent with and intimation to the Principal of the Institution. The Monitor/Monitress shall be exempted from paying seat rent.
- b) The Monitor/Monitress shall undertake the following duties:
- i) To maintain a record of daily attendance of the boarders as well as the employees of the Hostel and to report to the Superintendent about their absence without permission.
 - ii) To report to the Superintendent cases of misconduct and indiscipline in the hostel on the part of the boarders
 - iii) To look into cleanliness of the Hostel
 - iv) To report to the Superintendent cases of illness of the borders and to take necessary action in this regard
 - v) To maintain a record of the fixtures and furniture's and report to the Superintendent in the event of any damage of the hostel Building, fixtures & furniture's.
 - vi) To maintain a stock of the utensils and keep them under safe custody
 - vii) To carry out other duties and responsibilities that may be assigned by the Superintendent from time to time for smooth running of the Hostel affairs.



ADMISSION

- A) For admission into any hostel application shall be made directly to the Principal of the Institution
- B) No Candidate shall be admitted into a hostel unless he/she has been admitted into the Institution
- C.) As per All India Council of Technical Education (AICTE), at the time of admission, students along with their Parent, have to mandatorily submit Anti-Ragging Affidavits to the College Authority
- D) A student, before being admitted as a boarder, must furnish a written declaration from the legal guardian to the effect that his/her ward will abide by the hostel rules and that he/ she shall be responsible for all financial matters relating to his/her ward.
- E.) Normally a boarder will be admitted only for one academic session and may be re-admitted subject to condition that the boarder continues to be a regular student of the Institution and maintains good conduct and discipline.
- F) No employed person shall be eligible for seats in the hostel and the Hostel Superintendent shall ensure it.
- G) No boarder shall be allowed seat in the hostel for more than the normal duration of the course into which he/She is first admitted even if he/she takes admission into another course subsequently.



HOSTEL RULES



CONDUCT

A boarder may be expelled from the hostel if, in the opinion of the Hostel Management Committee

- A) his/her stay in the hostel is considered detrimental to the interest of the other boarders;
- B) if he/she is guilty of misconduct or misbehavior towards the employees of the hostel or towards fellow-boarders
- C) if he/she violates any hostel rules discipline.

The Hostel Management Committee may recommend expulsion from the Institution as well.



CLEARANCE OF DUES

- A) A boarder must pay his/her Mess Dues and other Dues regularly every month. The boarder must pay the annual dues at the beginning of the academic session.
- B) Boarders once admitted into the hostel must be members of the mess and they will have to pay the prescribed dues on the due dates.
- C) If a student fails to clear any of his /her dues, either in the hostel for more then three months consecutively, his/her name will be liable to be struck off from the class and such a defaulting student would be debarred from enjoying any facility admissible to a student.
- D) No student shall be permitted to stay in a hostel if he/she is in arrear with regard to any hostel dues. A defaulter of hostel dues will be treated as a defaulter of College/Institution dues. Such students may be debarred from appearing in University Examinations.



ATTENDANCE AND LEAVE

1. If a boarder is absent from the hostel without written permission of the Superintendent for a period exceeding one month then without prejudice to any other action that may be taken under these rules, he/she shall automatically be liable to forfeiture of his/her seat.
2. All boarders must remain present in the hostel between he hours of 6.00 P.M. to 6.00A.M. Leave of absence from a hostel must be obtained in advance from the Superintendent.
3. All the hostels shall be closed during the summer and puja vacations and all boarders must vacate then rooms during these vacations .Boarders desirous of staying in hostel during these vacations must obtain permission in writing from the Superintendent at least 7 days before the commencement of the vacations.



HOSTEL RULES



DISCIPLINE

- A) Residents must maintain proper decorum in the Hostel. They should behave properly with the staff and their fellow residents
- B) No resident may shift from one room to another without written directive of the Superintendent
- C) A Study Hour will be fixed by the Superintendent of the Hostels. Boarders must observe strict silence and discipline during this period
- D) The boarders must not take any intoxicating drinks, drugs or indulge in gambling in the hostel or outside. For indiscipline behaviour a boarder is liable to be expelled.
- E) Residents are expected to keep their rooms, bathrooms and surroundings clean and tidy. They are not expected to disfigure walls.
- F) Lights and Fans should always be switched off when leaving the rooms, Common Room, Reading Hall etc.
- G) Use of electrical appliances like Heaters, Cookers, and Electric Iron etc. is forbidden.
- H) Cooking in the rooms is not allowed.
- I) Without obtaining prior permission from the Superintendent, no meeting/function shall be held in the hostel.
- J) The boarders shall not use hostel menials for their personal service.
- K) Each resident is responsible for care of the room allotted and the furniture/fixtures provided to them. No furniture can be removed from the room and no additional furniture can be brought in the Hostel without prior permission of the Superintendent
- L) RAGGING IN ANY FORM BY THE BOARDERS IS STRICTLY PROHIBITED. BOARDERS FOUND INDULGING IN SUCH ACTIVITIES WILL BE DEALT UNDER THE RULES OF LAW
- M) A boarder shall not keep any guest in their Rooms.
- N) There shall be a Mess Committee in each hostel formed by the Superintendent in consultation with the boarders. The Mess dues shall be deposited to the Superintendent.
- O) Each boarder shall deposit with the Superintendent at the time of admission a Mess Advance fixed by the Hostel Management Committee from time to time. This amount shall be refunded after completion of the Course in the Institution
- P) The Mess Committee shall maintain all accounts of the mess. For maintenance of accounts and the running of the mess the Superintendent may take, on his own accord, whatever steps he deems necessary.
- Q) All boarders should be ready to accept the responsibility of mess-management whenever necessary.
- R) Boarders must obtain prior permission from the Superintendent in case of overnight stay outside the hostel be it in the town or outside the town, where a written request is made either parents or Local Guardian.
- S) All Rooms are subjects to surprise checks by the Hostel Management Committee at any point of time. Any Violation of Hostel rules mentioned above or elsewhere in this prospectus will lead to confiscation of unauthorized property/ suspension and / or both.



HOSTEL RULES



RAGGING

A. DEFINITION

Ragging shall be defined as:

“Any act causing inducing compelling or forcing a student, whether by way of a practical joke or otherwise, to do any act which detracts from human dignity or violates his person or exposes him to ridicule or forbears from doing any lawful act, by intimidating, wrongfully restraining, wrongfully confining, or injuring him or by using criminal force to him or by holding out to him any threat of such intimidation, wrongful restraint, wrongful confinement, injury or the use of criminal force”

B. FORMS OF RAGGING

Any of the following act(s) shall be regarded as Ragging:

- a) to copy class notes for the seniors;
- b) to serve various errands;
- c) to do menial jobs for the seniors;
- d) to ask/answer vulgar questions;
- e) to look at pornographic pictures to 'shock the fresher out of their innocence;
- f) to force to drink alcohol, scalding tea etc;
- g) to force to do acts with sexual overtones, including homosexual acts;
- h) to force to do acts which can lead to physical injury/mental torture or death;
- i) to strip, kiss, etc;
- j) to do other obscenities

The above list is only indicative and not exhaustive. The Hostel Management Committee may regard any act(s) as it deems fit as a form of ragging.

C. PUNISHMENTS

The following could be the possible punishments for those who are found guilty of participation in or abetment of ragging. The quantum of punishment shall be fixed by the Hostel Management Committee

- a) Cancellation of admission.
- b) Suspension from attending classes
- c) Withholding/withdrawing scholarship/fellowship and other benefit
- d) Debarring from appearing in any test/examination or other evaluation process.
- e) . Debarring from representing the institution in any meet, tournament, youth festival, etc.
- f) Suspension/expulsion from the hostel.
- g) Rustication from the institution for periods from 1 to 4 semesters.
- h) Expulsion from the institution and consequent debarring from admission to any other institution.



DECLARATION

At the time of admission, every student shall be required to sign a declaration that on admission he/she submits himself /herself to disciplinary jurisdiction of the College/Institution Authority who may be vested with the authority to exercise discipline under the rules that have been framed there under by the Institution.

Everybody should note that the above mentioned Rules and Regulations are General in nature and are not exhaustive. Every Institution has the Right to frame their own Rules for creating and sustaining a Clean and Green Campus along with an environment congenial for study and self development.