

# Academic Report

**Foreword**

## Acronyms and Abbreviations

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## **1.0 About the University**

The Assam Science and Technology University was established by the Government of Assam under Assam Science & Technology University Act 2009. It aims to provide education and research in the field of science & technology and other professional courses in Assam. The university is responsible for academic regulation of all undergraduate and post-graduate programs in engineering, and pharmaceutical sciences and a few professional courses in science and management sectors. ASTU is expected to be a university of the highest standing, and to secure the advancement, diffusion and extension of knowledge in all spheres of learning

### **1.1 Objectives**

1. Regulation of Courses and the Examination system for both Undergraduate and Postgraduates Programme including the degree leading to PhD for Science and Technology discipline for all the Engineering Colleges in the state of Assam.
2. Introduction of Post Graduate Courses in identified thrust areas.
3. Establishment of Research and Development Activities.
4. Development of a Data Bank for Natural Resources. Assam Science and Technology University has been established to bring all the Engineering Colleges/Institutions of Assam under a single platform and to provide uniform standards of technical education.

### **1.2 Vision:**

1. Give synchronized strategic and operational leadership to the technical education of Assam through a unified structure.
2. Create a state-of-the-art infrastructure and train excellent academic personnel to be with international peers.

### **1.3 Mission:**

1. Establish a platform to participate together by government and private organizations under a unified umbrella.
2. Create facilities for all to participate; Interaction with industries.

## **2.0 Academic Programs and Admission, 2020-21 and 2021-22**

The University provides education and research in the field of science & technology and other professional courses through 32 affiliated colleges in the disciplines of science, technology and professional programmes. At present all the government engineering colleges of Assam are affiliated with Assam Science and Technology University. The university also provides through its on-campus programs- M. Tech energy Engineering and Doctoral Programs.

All the courses under the university are revised based on the recommendations of regulatory bodies such as AICTE, UGC, PCI, CAI, ICAR etc. The university implemented the AICTE model curriculum in 2018-19; the UGC -CBCS model curriculum in 2018-19. The university has implemented a uniform curriculum for the M. Tech program of all specifications as per the

AICTE model curriculum from the academic session 2020-21 onwards. The status of course-wise admission under the university for the year 2020-21 and 2021-22 is given below:

### 2.1 Enrolment for Academic Session: 2020-21, 2021-22

Year	Male	Female	OTHERS	Total
2020-21	2479 (71.2%)	1000 (28.7%)	1 (0.1%)	3480 (100.00%)
2021-22	2459 (71.4%)	982 (28.5%)	1 (0.1%)	3442 (100.00%)

### 2.2 Category-wise Registration 2020-21, 2021-22

SL	Categories	2020-21	2021-22
1	General	1742(50.1%)	1723(50.1%)
2	SC	218(6.2%)	193(5.6%)
3	OBC/MOBC	1134(32.6%)	1082(31.4%)
5	ST	386(11.1%)	444(12.9%)
6	Total	3480(100.0)	3442(100.0)

### 2.3 Program-wise Enrolment (2020-21 and 2021-22)

SL. No	Course	2020-21	2021-22
1.	Bachelor of Architecture (B. Arch)	24	12
2.	Bachelor of Pharmacy (B. Pharm)	342	376
3.	Bachelor of Science (B.Sc).	151	180
4.	Bachelor of Technology (B.Tech)	2039	1967
5.	Bachelor of of Business Administration (BBA)	31	31
6.	Bachelor of Computer Application (BCA)	78	96
7.	Bachelor of Tourism Management (BTM)	10	-
8.	Diploma in Pharmacy (D. Pharm)	166	180
9.	Diploma in Tea Management	36	32
10.	Integrated M.Sc in Biophysics	8	2
11.	Masters of Pharmacy (M. Pharm)	36	45
12.	Masters of Planning (M. Plan)	15	11
13.	Masters of Science (M.Sc)	208	184
14.	Masters of Technology (M.Tech)	114	108

15.	Masters of Business Administration (MBA)	42	32
16.	MBA Trimester Mode	68	39
17.	Masters of Computer Application (MCA)	82	85
18.	Masters of Social Works (MSW)	3	15
19.	Masters of Tourism Management (MTM)	6	10
20.	Masters of Hospital Management (MHA)	-	23
21.	Bachelor of Pharmacy Practice (B. Pharm (P))	-	9
22.	Bachelor of Tourism Management (BTM)	-	4
23.	M. Voc in Food Processing and Quality Management	16	-
24.	Ph D (ADF)	5	1
25.	Total	3480	3442

### 3.0 Affiliation of colleges and courses

During 2020-21 and 2021-22, altogether 12 institutions located in different districts of Assam were affiliated with Assam Science and Technology University. The institutions and the academic programs are given below:

#### Colleges Affiliated with ASTU during Academic Session 2020-21, 2021-22

Sl. No	College/Institute	Courses with intake capacity (student)
1	North East Institute of Management Science (NEIMS), Jorhat	a. Master of Social Work (MSW): 30 b. Bachelor of Tourism Management (BTM): 60 c. Master of Tourism Management (MTM): 30
2	Silapathar Science College, Silapathar	a. M.Sc in Botany: 25 b. M.SC in Zoology: 15
3	CT College, Tinsukia	a. Bachelor of Business Administration (BBA): 30 b. Bachelor of Computer Application (BCA):20
4	Daffodil College of Horticulture, Khetri	a. B.Sc (Honours) Horticulture: 30
5	National Institute of Electronics and Information Technology (NIELIT), Guwahati	a. Bachelor of Computer Application (BCA): 40 b. M.Sc Computer Science: 20
6	Girijanada Institute of Pharmaceutical Science – Tezpur	a. Diploma Pharmacy – 60 b. Bachelor in Pharmacy – 60

Sl. No	College/Institute	Courses with intake capacity (student)
7	DHSK, Dibrugarh	a. M.Sc in Anthropology - 20 b. M.Sc in Mathematics – 30
8	Tocklai Tea Research Institute, Jorhat	a. Diploma in Tea management – 40
9	NITS Mirza	b. Masters in Hospital Administration(MHA) – 30
10	Dhemaji Engineering College	a. B.Tech in Civil Engineering -60 b. B.Tech in Mechanical Engineering - 60 c. B.Tech in Computer Science Engineering – 60
11	Dona International Institute of Assam, Azara	a. B.Sc in Interior Design – 40
12	Seva Bharati Institute of Fire, Safety and Disaster Management, Uttar Guwahati	a. Advance Diploma in Occupational Safety, Health & Environment - 20

#### 4.0 Meetings of the Board of Studies

During 2020-21 and 2021-22, the university conducted the following 10 meetings of the Board of Studies in connection with development and revision of course curriculum.

##### Meetings of the Board of Studies conducted

Sl. No.	Disciplines	Meetings' Date
1	1 <sup>st</sup> Meeting of Anthropology	15/03/2021
2	2 <sup>nd</sup> Meeting of Meeting of Biophysics	16/03/2021
3	7 <sup>th</sup> Meeting of Civil Engineering	31/07/2021
4	6 <sup>th</sup> Meeting of Electronic and Tele/Communication Engineering	19/02/2020
5	6 <sup>th</sup> Meeting of Electrical Engineering	25/03/2021
6	1 <sup>st</sup> Meeting of Horticulture	01/01/2020
7	1 <sup>st</sup> Meeting of Hospital Administration	22/02/2022
8	1 <sup>st</sup> Meeting of Interior Design	02/03/2022
9	7 <sup>th</sup> Meeting of Mechanical Engineering	24/03/2021
10	1 <sup>st</sup> Meeting of Occupational Safety, Health & Environment	12/05/2022

## 5.0 Meetings of the Academic Council

The meetings of the Academic Council of the Assam Science and Technology University held during 2020-21 and 2021-22 are as follows: (Academic Council – Annexure-I)

### Meetings of the Academic Council held during 2020-21 and 2021-22

Sl No	Particulars	Date of the meeting
1	22 <sup>nd</sup> Academic Council Meeting	18/06/2020
2	23 <sup>rd</sup> Academic Council Meeting	06/11/2020
3	24 <sup>th</sup> Academic Council Meeting	20/05/2021
4	25 <sup>th</sup> Academic Council Meeting	29/09/2022

The National Education Policy 2020 is considered to be the epicentre for transforming India into a knowledge superpower with four pillars-access, equity, quality and affordability & accountability. Considering the central essence of the policy, the university in its 23<sup>rd</sup> Meeting of the Academic Council, held on 6<sup>th</sup> November 2020 vide Resolution No. **AC-23/11/2020** decided to adopt National Educational Policy 2020 and to create different schools for growing into a multidisciplinary university. The university proposes to rename and restructure the courses to fit into a multidisciplinary format in the following 3 schools:

- School of Engineering and Applied Sciences: This would also include basic sciences. All the existing departments would be included in this school.
- School of Social sciences and liberal Arts: This would include psychology, history, economics, journalism, gender studies, languages, literature (English, Sanskrit) etc.
- School of Management and Entrepreneurship: This would include international business, commerce, marketing, finance, organizational behaviour, information system, data analytics, operations, logistics and supply chain management etc.

## 6.0 Technical Education Quality Improvement Programme (TEQIP III)

TEQIP-III, the third phase of the Technical Education Quality Improvement Programme is fully integrated with the Twelfth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with special consideration for Low Income States and Special Category States (SCS) and support to strengthen few affiliated technical universities to improve their policy, academic and management practices. ASTU is one of the beneficiaries of TEQIP III with a Project allocation of Rs. 20 Crs. The project was started in 2017 and completed in March 2021. Salient features of the project along with the budget allocation, achievements, performance evaluations etc. are given below.

### 6.1 TEQIP III : Project Activities and Budget Allocation

Heads of Activities	Activities	Allocated budget (CRS)
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a) Procurement	Equipment, Learning Resources, Furniture, Minor civil works, Digital learning Infrastructure etc.	₹ 10 Cr
b) Academic Activities	Improve student learning, Graduates' employability, Faculty/Staff Development program, Research and development, Mentoring/Twinning activities, MOOCs and digital learning, Reforms, governance, Management Capacity development, Industry-Institute Interaction	₹ 8 Cr
c) IOC (Incremental Operating Cost)	Operation and maintenance of equipment, Consumables, Hiring of vehicles, Travel Cost, Salary etc.	₹ 2 Cr

## 6.2 Achievement- Physical Infrastructure:

Name of Infrastructure	Particulars	Remarks
a) Small Construction	Pre Fabricated Lab	For housing equipment
b) Central Research Hub (CRH)	<ul style="list-style-type: none"> <li>• Multi-disciplinary Experimental &amp; Testing Accessible Laboratory,</li> <li>• Energy Research Laboratory,</li> <li>• Material Science Research Laboratory,</li> <li>• Tribology Laboratory,</li> <li>• Computational Lab,</li> <li>• IC Engine</li> </ul>	Students of ASTU and ASTU Affiliated institutes are using the lab for their research activities
c) Enterprise Resource Planning (ERP)	Research Project, Learning Resource Module and Attendance, Faculty and Staff info., NBA, Grievance Mitigation, Gate Pass, Convocation etc.	Work in Progress
d) Digital Seminar Room	Digital Data Wall, PTZ Camera, Electronic Lectern, Micro PC, Online UPS	A state-of-the-art digital seminar hall and conference hall to organize online events for the benefit of the students of its affiliated colleges and the area as a whole.



e) Digital Classroom	Interactive Board, PTZ Camera, Micro Pc, Electronic Lectern, Video Conferencing Software, Visual Presenters.	The classes conducted by the faculties can be live-streamed or accessed on-demand basis through virtual learning management software.
f) Digital Studio	Interactive Board, PTZ Camera, Electronic Lectern	To promote teaching, and learning programs through developing digital content by the faculty members of affiliated colleges under Assam Science and Technology University
g) Examination Scanning and Evaluation Automation Solution	Onscreen Evaluation, Question Paper Generation and Scanning, Question Paper Pushing . Two no's of book scanner.	To make the evaluation process quicker and more efficient.

6.3 Achievement- Academic Activities: During the project period, the University conducted 185 academic programmes (including equity action plan activities)

Category of Activities	Particulars
a) Seminar/Conference	<ul style="list-style-type: none"> <li>• International Conference on Renewable and Alternate Energy (ICRAE),</li> <li>• National Conference on Recent Advances in Science and Technology (NCRASST), National Symposium on Biomedical Engineering,</li> <li>• Seminar on Sustainable Plastic Technology: The Need of The Hour etc.</li> <li>• Intelligent Computing and Technologies Conference 2021</li> </ul>
b) Faculty Development Programme	<ul style="list-style-type: none"> <li>• FDP on “Career Readiness and Employability Skills Training,</li> <li>• FDP on VLSI Design for Signals &amp; System,</li> <li>• FDP on Prospects of Mechanical Engineering in the Renewable Energy sector,</li> <li>• FDP on Research and Development in Civil Engineering etc.</li> <li>• Leadership Training Program with IIM Shillong etc.</li> </ul>

c) Training /Internship to students	<ul style="list-style-type: none"> <li>• 6-week Training cum Internship Program on “RISC-V based 32-Bit Digital Processor Design Using Spice”,</li> <li>• Appropriate Technology Innovation Training Program,</li> <li>• 6-week online training cum internship program on AI &amp; ML using python,</li> <li>• 6-week online training cum internship program on INDUSTRY 4.0 (INDUSTRIAL IoT),</li> <li>• 6-week online training cum internship program on ROBOTICS FUNDAMENTALS,</li> <li>• Training at MSME Tool Room Training Centre, Guwahati,</li> </ul>
d) Research (CRS)	A total of 117 research proposals were granted to faculty members of affiliated engineering colleges under TEQIP III.
e) Outreached programme	<ul style="list-style-type: none"> <li>• Catch Them Young for Engineering (13 programs),</li> <li>• National Science Day,</li> <li>• Medical Equipment Distribution to affiliated Institutes,</li> <li>• Awareness programmes etc.</li> </ul>
f) Competitions	<ul style="list-style-type: none"> <li>• Hackathon 2018, Hackathon 2019,</li> <li>• Sandhan: An Innovative Challenge to fight COVID-19 pandemic,</li> <li>• Online competition on "Alternative Energy Sources of the Future”,</li> <li>• Online Quiz Competition on the topic “Electricity and Magnetism”,</li> <li>• Article Writing Competition on the topic “Role of Science and Technology in battling against COVID-19 pandemic etc.</li> </ul>

#### 6.4 Achievement: Activities conducted under Equity Action Plan (EAP) are:

Activity	Particulars
a) Identify weaknesses and Improve the performance of all the students	<ol style="list-style-type: none"> <li>1) Conducted remedial coaching classes.</li> <li>2) Conducted need assessment tests for students.</li> <li>3) Bridge course for students</li> </ol>
b) Improve non-cognitive and soft skills including communication and presentation skills	Conducted webinars/ GD / Personal Interview for students etc.
c) Faculty Development Program to Improving teacher effectiveness.	Conducted Webinars/ Conferences/ workshops and Industry Integrations, FDP. etc
d) Make campus physically and socially gender friendly, specially	Conducted webinars on Gender Sensitization.

	provide adequate and suitable facilities to women.	
e)	Awareness drive to schools and other rural areas about the Importance of Engineers and Engineering Course	Conducted Catch them young for Engineers Programme
f)	Provide appropriate infrastructure for physically challenged students	Workshop on- "Anti-Ragging, Specially Abled and Women Harassment"
g)	Improving placements of students	1) Invited talk with experts from industries. 2) Soft skill training for students. 3) Employability test for students. 4) Innovative Entrepreneurship and Startup Culture
h)	A two-tier grievance redress mechanism (GRM)	Institute has OMBUDSMAN Formation of ST SC Grievance cell
i)	Awareness programme to socially and economically backward areas about health, education, sanitation, employment etc.	Programme/ camp on: Mental health/ Covid-19 etc. Entrepreneurship Girls education Culture etc.

#### 6.5 TEQIP III- ASTU: Financial Achievement

Head	Allocated Budget	Expenditure	PC Achievement
Academic	₹ 8,00,00,000	₹ 7,58,65,169	94.83%
Procurement	₹ 10,00,00,000	₹ 9,30,27,503	93.03%
IOC	₹ 2,00,00,000	₹ 77,64,997	38.82%
Total	₹ 20,00,00,000	₹17,66,57,669	88.32%
Achievement in Academic and Procurement heads			93.83%

6.6 Performance Audit TEQIP III ASTU: The grades (average of all sub-parameters) based on the third-party evaluation of ASTU-TEQIP III are given below:

Year	Scores *
2021	1.43
2019	1.71
2018	2.56

The lowest score value is considered to be better and accordingly, 1 is the best while 3 is the poorest. Based on the scores, ASTU achieved the 4<sup>th</sup> Rank among the Technical Universities in India

#### 6.7 ASTU TEQIP-III team:

- Vice Chancellor, ASTU-Team leader
- Dr. Biswa Ranjan Phukan and Dr. Nripen Das-TEQIP-III Coordinator
- Dr. Biswa Ranjan Phukan-Coordinator- Academic Coordinator and Equity Coordinator
- Dr Debajyoti Goswami-Nodal Officer (Procurement) TEQIP-III and FAO
- Dr. Pingki Sarma-Nodal officer (Finance) TEQIP-III and Cashier, ASTU
- Project Staff (Project Assistant):Er. Maharnav Bhattacharyya, Er. Nilam Pathak, Er.. Hemagni Deka, Er. Debasish Deka, Er. Tapashi Kalita, Er. Ankur Thakuria and Mr. Nishant Bharali
- Project Officer-Er. Pranjal Kumar / Er. Rajib Luchan Pathak / Er. Kandarpa Das
- Guest Faculty:\_Dr. Plaban Bora, Dr. Bharat Kakati, Dr. Manoj Baruah, and Mr. Nabajyoti Dev Choudhury.
- Post Doctoral Fellow: Dr.Tapan Rajbonshi, PDF, Dr.Sanghita Dutta, PDF and Dr.Karabee Das, RA
- Other staff: Er Basanta Barman, System Admn; Mr. Sanjiv Das, Accountant; Mr. Bitupon Talukdar; Mr. Diganta Ojha and Mr. Subhash Basishtha

#### 7.0 Admission of Foreign Students

Admission of International Students through Indian Council of Cultural Relations (ICCR) under ASTU affiliated Colleges: 4 no. of the students who were enrolled in the academic batch 2019-20 are continuing their B. Tech program and is expected to confer their degree in the session 2023-24. The following are the students enrolled in SITM, Garchuk:

1. Mr. Mohammad Osman Safi, Afghanistan National
2. Mr. Adi Taufan Lalabalavu, Fiji National
3. Mr. Doreen Arual Aboi Akucbeny, South Sudan National
4. Mr. Moeketsi Marcellinus Mabula, Lesotho National

#### 8.0 Admission of Student to Foreign University

The university (ASTU) signed an agreement (MOU) with RUDN University (The Peoples Friendship University of Russia) on 28<sup>th</sup> July 2020. Within the scope of the MoU, the following students from the ASTU are pursuing MS programs with a Scholarship:

Year entry	Name of the students from ASTU
2021-22	Ms Kritika Taniya Mr Bishaljit Sarkar
2022-23	Ms Barbee Kurmi Mr Fabio Borpatro

## 9.0 Research Infrastructure

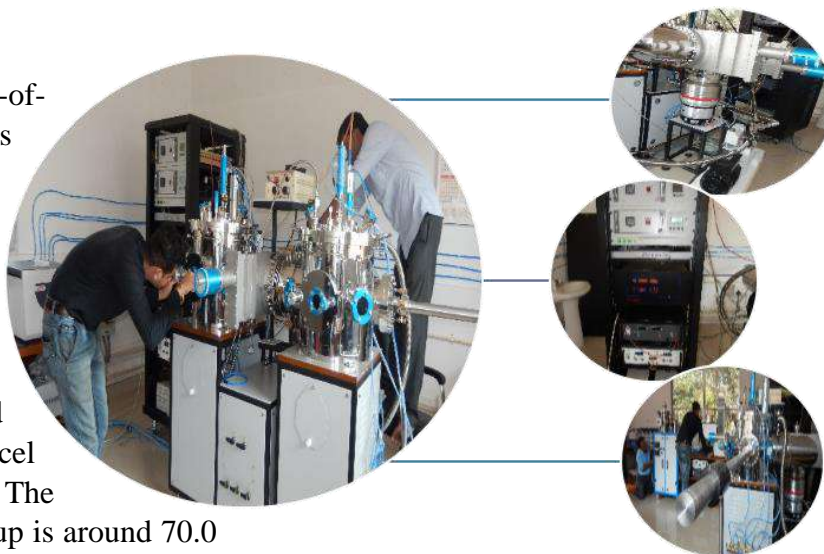
### 9.1 Lab-I: Multi-disciplinary Experimental and Testing Accessible Laboratory (METAL):

On-going R&D activities under the lab are:

- (i) Development of novel anti-corrosive coating (polymer to metal coating)
- (ii) Development of Silicon thin film for photovoltaics application
- (iii) Improve the seed germination and production yield of different seeds using cold air plasma technology
- (iv) Synthesis of graphene-based battery material for electric vehicle
- (v) Plasma Pyrolysis Process for municipal solid waste disposal

Available Facilities:

iPVD reactor: The state-of-the-art technology allows the deposition of metals, alloys, ceramic, and polymer thin films onto a wide range of substrate materials. The ultra-high vacuum iPVD reactor is designed by ASTU and fabricated at Excel Instruments, Maharashtra. The total cost of the whole set up is around 70.0 lakhs.



EGDR: The Experimental Glow Discharge Reactor can be used to study for plasma agriculture, plasma nitriding and also for basic research. The reactor is designed by ASTU and fabricated at ETS, Ahmedabad. The total cost of the whole set-up is around 10.0 lakhs.



TTO Derived Plasma Reactor: The set-up is designed by ASTU and fabricated at Excel Instruments, Maharashtra. The total cost of the whole set-up is around 1.0 lakhs. The reactor is designed to study the TTO film for biomedical applications.

Other important instruments/equipment in the lab are HR Optical emission/absorption spectrometer, Contact angle measurement set up, High voltage DC power supplies, RF power supply, DSO, Function generator, Ultrasonicator, Magnetic stirrer, water analysis kit, Heating and cooling assembly, etc

9.2 Lab-II: Material Science Research Laboratory (MSRL): The main on-going Research activities in the lab is development of new aluminum and magnesium alloys

Materials Science and Technology are advancing fast and are of particular relevance for industry and society as materials create added value in most products. At the same time, costs must be minimized, sustainability improved, and products rendered more attractive, portable, or usable by making them smaller and lighter. The establishment of this research laboratory at present will help the researchers to develop new alloys specially for aluminium and magnesium alloys, sample preparation for microstructure studies, mechanical property determination, characterization, heat treatment and composition analysis of alloys.



Available facilities are 1. Muffle Furnace (Programable) 2. Oven 3. Stir Casting Melting Furnace with vacuum die attachment (for aluminium and Magnesium alloys) 4. Diamond Sectioning Machine 5. Automatic Polishing Machine 6. Optical Emission Spectrometer (Fe and Al base) 7. Optical Microscope with image analyser 8. Micro-Hardness Tester with camera attachments 9. Mounting Press (cold and hot) 10. Rockwell Hardness teste

### 9.3 Lab-III: Energy Research Laboratory

The major types of equipment are: (a) Rheometer (Make: Anton Paar, Model: ABBEMAT 3000); (b) Thermogravimetric Analyzer (Make: METTLER TOLEDO, Model: TGA 2); (c) Differential Scanning Calorimeter (Make: METTLER TOLEDO, Model: DSC 3) and (d) Digital Viscometer (Make: IKA, Model: ROTAVISC lo-vi Advanced)

#### Some of the projects completed utilizing this lab facility are:

- Project 1- Characterization and Evaluation of Energy Properties of Pellets produced from Coir pith, Saw dust and Ipomoea carnea and their blends
- Project 2- Production of bio-oil from coir pith via pyrolysis: kinetics, thermodynamics, and optimization using response surface methodology
- Project 3- Comparison of Various Solar Radiation Data Sources for Feasibility Study of Parabolic Trough Collector Power Plant in Assam
- Project 4- Techno-Economic Evaluation of Linear Fresnel Reflector Based Concentrated Solar Power Plant for Karbi Anglong District of Assam
- Project 5- Shading pattern analysis for optimum power output
- Project 6- Development and fabrication of improved biomass cooking stove (ICS)



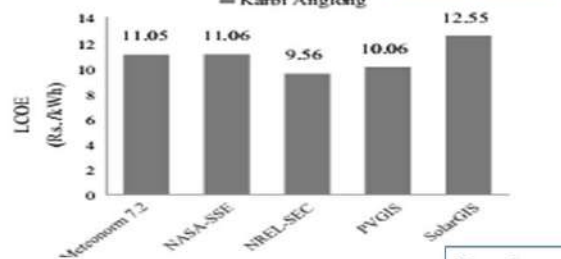
### Project 1



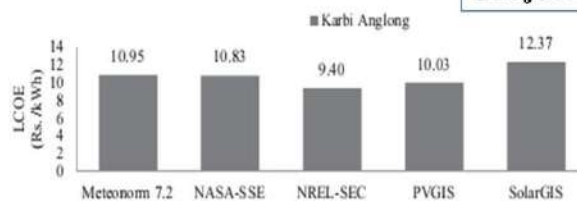
#### Highlights

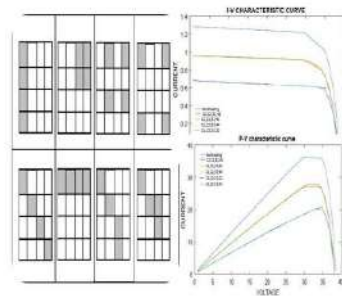
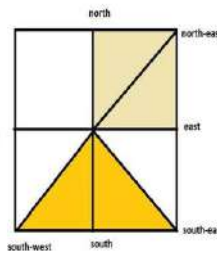
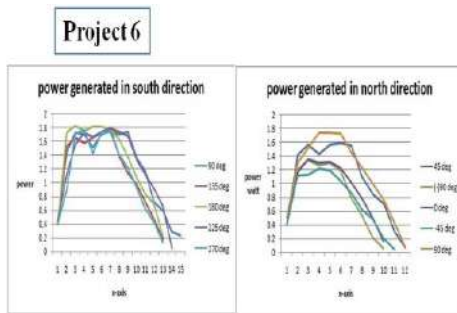
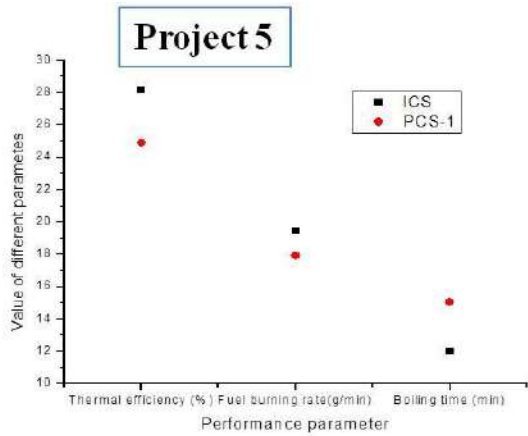
- Coir pith, deodar wood sawdust and *Ipomoea carnea* and their blends can be used to produce good quality pellets.
- Calorific value of pellets was higher than 17MJ/kg.
- Pellets produced from binary blends were found superior in case of ash content, volatile matter, durability and thermal efficiency.
- Low CO and CO<sub>2</sub> emission factors with higher energy density make pellets suitable solid fuel for energy production.

### Project 3



### Project 4





## 9.4 Lab-IV: Tribology Research Laboratory

### Four ball tester



**Make : DUCOM**  
**Model: TR-30L-IAS-PNU-KRL-RFA**

**Specification:**  
 Speed: 0-3000rpm  
 Load: 0.1-10kN  
 Operating temperature range: RT- 200<sup>0</sup> C

- Standard test those can be performed:**
- Wear and EP : oil-ASTM D2783, D4172, 5183
  - Grease- ASTM 2266 and ASTM D2596
  - KRL : CEC-L-45-99
  - RFA: IP-300
  - Thrust washer test: ASTM D3702



**Pin/ball on Disc Tribometer**



**Make: DUCOM**  
**Model: TR-20-HTVT**

**Specification**

Speed: 20 to 3000rpm  
Load: 5 to 200N  
Frictional force: 0 to 200N  
Wear: up to 2000µm  
Vacuum:  $1 \times 10^{-3}$  m bar  
Temperature: pin and disc heating up to 800°C  
In vacuum condition up to 650°C  
Humidity condition can be maintained in range 10-85%

• In research of tribological properties of materials, lubricant and coatings, standard tests can be performed according to ASTM G99, DIN 50324

**JOURNAL BEARING APPARATUS**



**Make: DUCOM**  
**Model: TR-601**

**Specification**

Radial load: 0.5 to 5kN  
Speed: 0 to 3000rpm  
Frictional torque: 0-50Nm

The CoF, frictional torque, pressure distribution and effect of oil film in journal bearing performance can be studied.

Projects going in Energy Research Lab-

**Project-1:** Optimizing the friction and wear characteristics of biofuel

**Project-2:** Development of a new vegetable oil based metal working fluid

9.5 Lab-V: Plasma Pyrolysis Laboratory (PPL)- On-going R&D activities in the lab are:

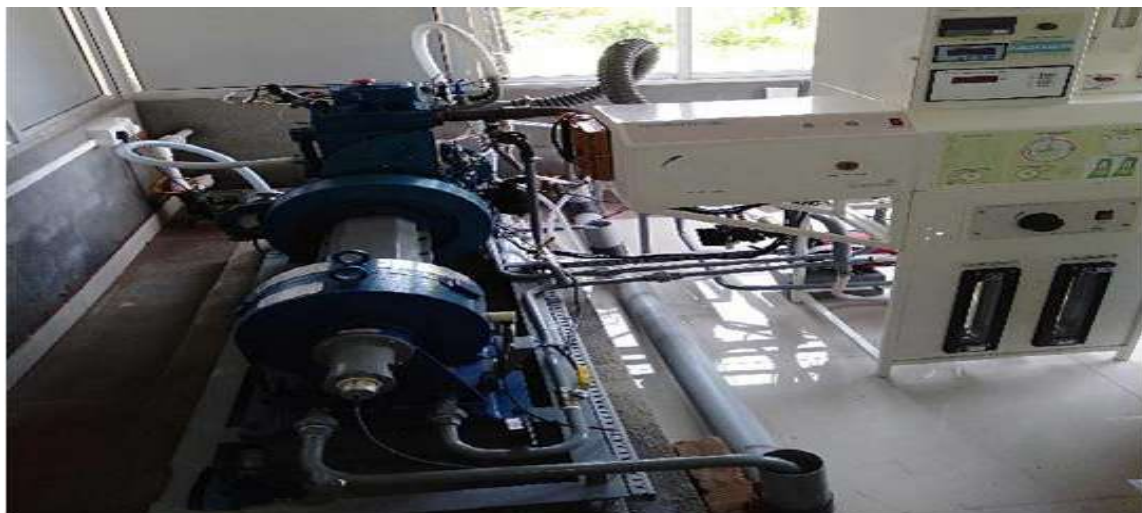
1. Examined the disposal efficiency of the plasma pyrolysis plant for a different kinds of solid waste.
2. Study the utilization of the plasma pyrolysis residue

Available Facilities: Plasma pyrolysis is one of the efficient technology for the safe disposal of municipal solid waste in an eco-friendly manner. In this technology high temperature is generated in a chamber in oxygen starved condition. Organic waste disintegrates into hydrogen, CO and lower hydrocarbon gases because of oxygen starved condition at high temperature. These high calorific gases are cleaned by gas cleaning system and then, it can be utilized for useful applications. A Plasma pyrolysis plant with a disposable capacity of 10 kg/hr is designed

and installed at ASTU premises for the disposal of solid waste under Centre for Advance Research in Science and Technology (CARST). The image of the plant is given below;



### 9.6 Lab-VI: IC Engine Research Laboratory



Some of the MTech students/ PhD scholars from the affiliate institutes are utilizing facilities are:

1. Mridul Deka, PhD scholar, Department of Mechanical Engineering, Assam Engineering College
2. Bidisha Chetia, Department of Mechanical Engineering, Assam Engineering College
3. Niraj Kashyap, Department of Mechanical Engineering, Assam Engineering College

## 10.0 Library

The Assam Science and Technology University was established in the year 2018-19 to serve the needs of students, teachers and research scholars. The mission of the university library is to set high standards of excellence in the preservation of knowledge and disseminates the resources to the university community. The library takes pride in its assets which consist of books, journals, magazines, newspapers, theses, dissertations etc.

- Book titles – 638 nos.
- Dissertations -258 nos.
- Theses -9 nos.
- Journals -18 nos.
- Newspaper 5nos. (3 English, 2 Assamese)



### Specialized Collection

- Hindi Books Collection
- University Publications
- GATE Study Material

The university has received an amount of Rs. 4.0 lakh from NEC, Govt of India for development of the Hindi-Section in the library to benefit readers. The University Library is devoted to rendering its services to its readers through various forms and manners. Following are the services which the Central Library Provides

- Plagiarism Checking using Original (URKUND) software
- Circulation Service
- User Service
- Reference Service
- OPAC
- ETD (Electronic Thesis and Dissertation) through *Shodhganga*.
- Print out and Xerox Service (only specialized demand)

The Central Library has uploaded two theses in *Shodhganga*, INFLIBNET. The university has 187 registered members in the National Digital Library of India (NDLI). The library uses KOHA as a library management software.

Apart from the resources, the library consists of well-equipped furniture and a reading space. The sitting capacity of the library is 20, which can be further extended when needed. The library is fully air-conditioned and has good natural lighting which gives a pleasant reading experience to our readers.

### **11.0 All India Survey of Higher Education (AISHE)**

All India Survey on Higher Education (AISHE) was established by the Ministry of Human Resource Development for conducting an annual web-based survey, thereby portraying the status of higher education in the country. The survey is conducted for all educational institutions in India on many categories like teachers, student enrolment, programmes, examination results, education finance, and infrastructure. This survey is used to make informed policy decisions and research for the development of education sector.

Objectives: There are two objectives for this survey are to

- Identify all the institutions of higher learning in the country
- Collect data from all the higher education institutions on various aspects of higher education.

Data Collection: The collection of data is done under the following categories:

- Institution's Basic Details
- Teacher's Details
- Details of Non-Teaching Staff
- Programme conducted under various Faculties/Schools & Departments/Centres
- Students enrolled in these programmes
- Examination result of the terminal year of each Programme
- Financial Information such as Receipt and Expenditure under various heads
- Availability of Infrastructure
- Scholarships, Loans & Accreditation

Assam Science and Technology University AISHE code is **U-0673**

Nodal Officer: Dr. B.R. Phukan, Academic Registrar

**11.1 College/ Institutions registered under ASTU- AISHE:**

There are 32 institutions under the affiliation of Assam Science and Technology University (ASTU) to date. Out of these 16 institutions have registered/ shifted to the Assam Science and Technology University. The rest of the institutions are expected to shift their AISHE registration to ASTU soon.

<b>Sl. No</b>	<b>District</b>	<b>College/ Institutions</b>	<b>Code</b>
1	Karimganj	Barak Valley Engineering College	C-59806
2	Kamrup Metro	Brahmaputra College	C-55858
3	Kamrup Metro	Daffodil College of Horticulture	C-64585
4	Dhemaji	Dhemaji Engineering College	C-64586
5	Kamrup Metro	Dona International Institute of Assam	C-66308
6	Kamrup	Girijananda Chowdhury Institute of Management & Technology, Azara	C-17309
7	Kamrup Metro	Girijananda Chowdhury Institute of Pharmaceutical Science, Azara	C-54626
8	Sonitpur	Girijananda Chowdhury Institute of Pharmaceutical Science, Tezpur	C-63906
9	Golaghat	Golaghat Engineering College, Golaghat	C-63924
10	Kamrup Metro	Guwahati College of Architecture, Azara	C-57435
11	Kamrup Metro	National Institute of Electronics and Information Technology (NIEIT), Guwahati	C-66301
12	Kamrup	NETES Institute of Pharmaceutical Science (NIPS), Mirza	C-57983
13	Sonitpur	North Eastern Regional Institute of Water and Land Management (NERIWALM), Tezpur	C-64696
14	Kamrup Metro	Pratiksha Institute of Pharmaceutical Sciences (PIPS),Guwahati	C-60136
15	Kamrup Metro	Rahman Institute of Pharmaceutical Sciences and Research (RIPS), Tepesia	C-61817
16	Kamrup Metro	Royal School of Engineering and Technology (RSET), Guwahati	C-54628

## 12.0 PhD Programme

### 12.1 PhD Research Centres

Sl No	Name of the Centres	PhD Disciplines
1	Assam Engineering College:	Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Computer Science and Engineering, Electronics and Communications Engineering and Chemistry
2	Assam Institute of Management	Business Administration
3	GIMT, Mirza	Computer Science and Engineering, Electronics and Communications Engineering, and Business Administration
4	GIPS, Azara	Pharmacy
5	Jorhat Engineering College, Jorhat	Mechanical Engineering, Computer Science and Engineering, Instrumentation Engineering, Civil Engineering, Electrical Engineering
6	Jorhat Institute of Science and Technology, Jorhat	Physics, Chemistry. Mathematics
7	School of Engineering	Energy Engineering, Mechanical Engineering, Chemical Engineering, Computer Science and Engineering,
8	NERIWALM, Tezpur	Water Resource Management

### 12.2 PhD Scholar Enrolment Details

Sl. No.	PhD Centre	Year/session	No. of scholar
1.	Assam Engineering College	2019-20	20
2.	Assam Institute of Management	2018-19, 2019-20	10
3.	GIMT, Azara	2018-19	8
4.	GIPS Azara	2018-19, 2019-20	16
5.	Jorhat Engineering College	2018-19, 2019-20	31
6.	Jorhat Institute of Science and Technology	2018-19,2019-20, 2020-21	11

### 12.3 Award of PhD Degree

A total of six (06) scholars are awarded Doctorate of Philosophy (PhD) degree details of which are furnished below:

Sl No.	Name & Registration No	Faculty	Title of the thesis	Degree awarded on
1	Aruna Dev Rroy Reg No: 208215416	Management	Green Marketing: A study on consumer perception in Kamrup district.	Notified vide No. ASTU/PhD/I/43/2014(Pt-III)/ dt 9/12/2021
2	Ms. Bitopi Gogoi Reg No: 291515417	Management	Innovative Work Behaviour: A Critical Study of Select Industries in Assam	Notified vide No. ASTU/PhD/BG/2017/293 dt 26/4/2022
3	Mr. Pradyut Kumar Borah Reg No: 292415417	Management	Knowledge Management Practices and Systems in Private Hospitals of Northeast-A Case Study	Notified vide No. ASTU/PhD/PKB/2017/273 Dt. 21/05/2022
4	Mr. Sanjay Karmakar Reg No: 292915417	Management	Financial Inclusion in Bodoland territorial region of Assam: An empirical study on its status and constraints	Notified vide No. ASTU/PhD/SK/2017/274 dt.3/08/2022
5	Mr. Debashis Dev Misra Reg No: 209115416	Engineering	Evolutionary Approach for Optimized Routing in Heterogeneous Ultra-Dense Wireless Networks	Notified vide No. ASTU/PhD/DDM/2014/79 dt. 8/08/2022
6	Mr. Ripunjoy Bordoloi Reg No: 292715417	Pharmacy	Formulation, <i>In-Vitro/In-Vivo</i> Evaluation and Optimization of Bio-Adhesive Microsphere of Gliclazide by Cross-Linking of Starch Isolated from Banana Species ( <i>Musa Balbisiana</i> ) For Enhanced Bioavailability	Notified vide No. ASTU/PhD/RB/2017/282 dt. 30/09/2022

### 13.0 Research Fellowship under ASTU

13.1 DST INSPIRE Fellowship under INSPIRE Programme: A total of two (02) scholars are availing DST INSPIRE Fellowship details of which if furnished below:

Inspire Code	Name, Designation	Discipline	Year of scholarship availed
IF190138	Mr. Suman Kumar, JRF	Pharmacy	12/09/2019
IF190482	Mr. Chinmoy Bhuyan, jrf	Pharmacy	2/3/2021

13.2 AICTE Doctoral Fellowship (ADF) programme under ASTU: The departments offering Ph. D (under the ADF scheme) are Energy engineering, Chemical engineering, Mechanical engineering and Computer engineering at the school of engineering ASTU. Following are the details of scholars enrolled under the scheme:

Session	Department wise no. of scholars	Total No. of scholars
2020-21	Mechanical Engineering (3) Energy Engineering (2)	5 (One scholar withdrew)
2021-22	Mechanical Engineering (1)	1
2022-23	Advertisement issued and under process	

#### 14.0 Recognition of PhD research Guides/Supervisor by the 13<sup>th</sup> Meeting of the University Research Committee(URC)

Sl No	Name & address	Department/ Specialization	Status
1.	Dr. Saurov Mahanta, NIELIT, Guwahati	Bioinformatic	Guide
2.	Dr. Jutika Goswami, AEC, Guwahati	Chemistry	Guide
3.	Dr. Snehal Kaushik, GIMT, Azara	Civil Engineering	Guide
4.	Dr. Jyoti Prokash Goswami, AEC, Guwahati	Computer Applications	Guide
5.	Dr Rashi Borgohain, AEC, Guwahati	Electronics and Communication Engineering	Guide
6.	Dr. Mreeshi Agarwala, AIM, Guwahati	Human Resource Management/Rural Management	Guide
7.	Dr. Sampurna Bhuyan, Assistant Professor GIMT, Azara	Management	Guide
8.	Dr. Sanjib Raj, Director i/c, AIM	Management/Finance	Guide
9.	Dr. Kamal Kr. Brabma, BBEC, Kokrajhar	Mechanical Engineering	Guide
10.	Dr. Pradip Baishya, AEC, Guwahati	Mechanical Engineering	Guide
11.	Dr. Jun Moni Kalita, GIPS, Azara	Pharmaceutical Chemistry	Guide
12.	Dr. Chandrajit Dohutia, PIPS, Guwahati	Pharmaceutical Sciences	Guide
13.	Dr. Satyendra Deka, PIPS, Guwahati	Pharmaceutical Sciences	Guide
14.	Dr. Pradip Kumar Bora, NERIWALAM, Tezpur	Solid and Water Conservation Engineering	Guide
15.	Dr. Anupam Sarma, GIPS, Azara	Pharmaceutics	Co-Guide
16.	Dr. Sheikh Sofiur Rahman, GIPS, Azara	Pharmaceutics	Co-Guide
17.	Dr. Utpal Barman, GIMT Azara	Computer Science and Engineering	Co-guide



Sl No	Name & address	Department/ Specialization	Status
18.	Dr. Gunajit Kalita, AEC, Guwahati	Computer Science and Engineering	Co-guide
19.	Dr. Dipjyoti Baglari, JIST, Jorhat	Geotechnical Engineering (Civil)	Co-Guide
20.	Dr. Borad M Barkachary, JIST, Jorhat	Manufacturing (Mechanical Engineering)	Co-Guide
21.	Dr. Smriti Rekha Chanda Das, GIPS Azara	Pharmaceutical Chemistry	Co-Guide
22.	Dr. Tapash Chakraborty, GIPS, Azara	Pharmaceutics	Co-Guide
23.	Dr Manisa Rajkhowa, JIST, Jorhat	Physics	Guide
24.	Dr. Tapan Das, JIST, Jorhat	Power Electronics & Instrumentation Engineering	Co-guide
25.	Dr. Bhargab Jyoti Saharia, NIPS, Mirza	Pharmaceutics	Guide

### 15.0 Details of URC meeting held (2020-21 and 2021-22)

The University Research Committee is reconstituted as per ASTU PhD Regulation 2017 Clause No. 11 vide Notification no. ASTU/PhD/I/43/2014 (Pt. III) dated the 13<sup>th</sup> of July 2022. During the Period 2020-21 and 2021-22 the committee meet as follows.

Sl No	Meeting	Meeting held on
1	12 <sup>th</sup> meeting of URC	30/10/2020
2	13 <sup>th</sup> meeting of URC	6/12/2021
3	14 <sup>th</sup> meeting of URC	4/05/2022

The details of the URC is given in ANNEXURE-II

### 16.0 Details of Scholarship Approved and Processed (NSP Portal)

Year	Scholarship applications verified and forwarded for approval Name of Scholarship Scheme	Scholarship applications		Total applications verified and forwarded for approval
		Fresh applications (no.)	Renewal applications (no.)	
<b>2020-21</b>	Ishan Uday Special Scholarship	20	1	38
	NEC Merit Scholarship	6	-	
	Post matric scholarship for SC	2	-	
	Merit cum means scholarship	1	-	
	AICTE- Pragati Scholarship	7	-	
	PG scholarship for SC	1	-	
<b>2021-22</b>	AICTE- Pragati Scholarship	2	7	16
	Ishan Uday Special Scholarship	1	1	

NEC Merit Scholarship	1	-
Post matric scholarship for SC	4	-

### 17.0 Department of Energy Engineering, School of Engineering, ASTU

Department of Energy Engineering is the first on-campus department of ASTU started in 2016 with the objective to develop technically competent human resources and environmentally benign sustainable technologies in the energy sector. This department focuses on the establishment of a research platform to carry forward R&D activities in distinguished fields of renewable energy. The establishment of the Energy Engineering department in the university is a part of the initiative to develop a roadmap for research to solve energy and environment-related relevant engineering and technological challenges. This is in accordance with IMPRINT INDIA's (Government of India's scheme launched on 5th November 2015) aim of directing research in the premier institutions into areas of societal relevance. The department is currently offering M.Tech (Energy Engineering) from the academic session 2016-17 & PhD under the ADF scheme since the academic session 2020-21.

Major Thrust Areas: Biofuels & Bioenergy, Biomass Conversion Technologies, Advanced Biofuel Technologies, Fuel Technology, Solar Photovoltaic Conversion, Solar Thermal Conversion, Other Renewable Energy Technologies, Energy Conservation and Management, Energy Modeling & Simulation Study, Waste to Energy Conversion, Environment and climate change study etc.

Currently Available Research Facilities: IC Engine Set up, Bomb Calorimeter, Flash & Fire Point Apparatus, Cloud & Pour Point Analyzer, Soxhlet Extraction Set up, Rotary Vacuum Evaporator, Solar Sunshine Duration Recorder, Pyranometer, Single Phase Power Analyzer, Pyrolysis set up, Solar Water Heaters (FPC, EPC), Biomass Cooking stoves, TGA, DSC, Rheometer, Viscometer

ASTU has established a School of Engineering (SoE) at its own campus at Jalukbari, Guwahati

17.2 AICTE Approved Academic Programmes at Dept of Energy Engg, ASTU: The following academic programmes are presently undergoing at the Department of Energy Engineering, ASTU, Jalukbari, Guwahati. These programmes are approved by the All India Council for Technical Education (AICTE), New Delhi:

Programme Name	Approved Intake	Particulars
i. M.Tech (Energy Engineering)	18 (eighteen)	M.Tech (Energy Engineering) course in the Department of Energy Engineering of ASTU was started in the academic session 2016-17. The course curriculum is developed based on the latest guidelines of AICTE Model

Programme Name	Approved Intake	Particulars
ii. Ph.D (Energy Engineering),	05 (five)	curriculum for Postgraduate Degree in Engineering and Technology. ASTU receives approval from AICTE to conduct Ph.D programmes in Energy Engineering, Chemical Engineering, Mechanical Engineering and Computer Engineering disciplines under 'AICTE Doctoral Fellowship (ADF) Scheme' since the academic session 2020-21. ASTU is among the 41 (forty-one) technical institutions of the country and the only university in Assam besides Tezpur University which is selected by AICTE to conduct the doctoral programme under ADF scheme.

### 17.3 Student Enrolment and Passed out at M.Tech (Energy Engineering):

Year	Number of Students Enrolled	Number of Students Passed Out
2020	18	08
2021	18	NIL
2022*	09	12

### 17.4 M. Tech Major Projects Completed in Last Two (2) Years:

Sl No.	Student Name	Project Title	Supervisor
2022			
1	Ikramul Hossain Mondal	Tribological Characterisation of Bio Lubricant From Cucurbita Pepo L. Seed Oil	Dr. Monoj Baruah
2	Chitrali Hazarika	Effect of Inclined Angles on the Performance of NACA and Teardrop Pin Fin Heat Exchangers	Dr. Monoj Baruah

SI No.	Student Name	Project Title	Supervisor
3	Dipanka Kashyap Borthakur	Recycling of expanded polystyrene waste as bitumen modifier: A Feasibility study	Dr. Plaban Bora
4	Mehseema Haque	Turning waste into wealth in tea industry : A biorefinery approach for producing energy and value added products	Dr. Plaban Bora
5	Nayan Jyoti Talukdar	Microbial Fuel Cell Integrated Unified Power Quality Conditioner (Batch: 2020-2022)	Dr. Plaban Bora
6	Mr. Shivam Sharma	Development of silicon thin film through ipvd technique for solar cell applications	Dr. Bharat kakati
7	Ms. Arunima Koch	Performance analysis of an advanced plasma pyrolysis plant	Dr. Bharat kakati
8	Mr. Gaurav Saikia	Production of reduced graphene oxide through plasma assisted route in electric vehicle application	Dr. Bharat kakati
9	Mr. Prince Das	To improve anti-falling properties of polymeric membranes using non-thermal nitrogen plasma	Dr. Bharat kakati
10	Mr. Mridul Karmakar	A survey and valorization of tea stall waste by pyrolysis, characterization of bio-oil and its application	Mr. Nabajit Dev Choudhury
11	Mr. W Jason Singha	Development and characterization of Mahua oil, Neem oil and their blends as biolubricants	Mr. Nabajit Dev Choudhury
12	Mr. Saurav Bhattacharjee	Fabrication and characterization of a solar indoor air purifier system by interfacing lignin based air filter 2020	Mr. Nabajit Dev Choudhury
13	Mr. Jyotishmanyu kakoti	Advanced biofuel from waste cooking oil for application in cogeneration output cycles	Dr. Plaban Bora
14	Mr. Suchibrat Bora	Floating solar photovoltaic system with bioresource based supporting structure	Dr. Plaban Bora
15	Ms. Sumi Kakati	Non-thermal plasma process for development of si-photovoltaics & related technologies	Dr. Bharat kakati

SI No.	Student Name	Project Title	Supervisor
16	Mr. Debapratim Dutta	Development of graphene-based battery material for EV	Dr. Bharat kakati
17	Mr. Saptarshi Borkakoti	Production and Characterization of Bio-Oil from Shale, Ipomoea and their Blends	Dr. Bharat kakati
18	Mr. Debashis Das	Feasibility Study For Production Of Bio-Diesel From Leaf And Stem Of Matured Mustard Plant	Dr. Monoj Baruah/ Dr. Bharat Kakati
19	Md Rafinur Ahmed	Economical solar harvesting system for street light clustering with IOT based monitoring system	Mr. Nabajit Dev Choudhury

### 18.0 Research Projects of the Department of Energy Engineering:

#### A) On-Going:

Title of the project	Nature of PI/Co-PI	Funding Agency	Duration of project and status	Total grant (Lakh Rupees)
1. Development of an eco-friendly technology for safe disposal of Municipal Solid Waste (MSW)	Dr Bharat Kakati (PI)	S&T Dept. Govt of Assam	3 yr	Proposed budget Rs. 189.40 lakh  (Sanctioned Rs. 46.95 lakh to date)
2. Solar Energy Project- 15KW (min) Rooftop Solar plant to be installed at New Academic Building of ASTU	Dr Plaban Bora	AICTE-GAINER	1 yr	Rs. 20.0 lakh
3. Solving Water Problems Project- To be installed at ASTU campus	Dr. M. Baruah	AICTE-GAINER	1 yr	Rs. 15.0 Lakh

4.	Internet Connection Project-100 MBPS internet connection to be installed with 3 servers at New Academic Building of ASTU	Dr Plaban Bora	AICTE-GAINER	1 yr	Rs. 5.0 lakh
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**B. Completed:**

## CRS Project Under TEQIP-III at Dept of Energy Engg, ASTU

Sl. No.	Project Title	PI Name	Sanctioned Amount (Rs.)
1	Radiation Technology development for food preservation & crop improvement	Prof. Dhiraj Bora	3 Lakhs
2	Assessment of water quality of some wetlands in the Brahmaputra valley, Assam	Prof. Dhiraj Bora	3 Lakhs
3	Water Hyacinth waste processed through microwave-assisted hydrothermal carbonization and its utilization as a direct solid fuel	Prof. Dhiraj Bora	3 Lakhs
4	Computational Investigation of Perforated Hollow Shape Energy Efficient Elliptical Pin Fin Heat Exchanger	Mr. Monoj Baruah	3 Lakhs
5	Study on Design of Energy Efficient Building in North-East India	Dr. Plaban Bora	3 Lakhs
6	Pyrolysis of locally available biomass samples and their blends: A study on effect of parameters, characterization of products and evaluation of thermal behavior.	Mr. Nabajit Dev Choudhury	3 Lakhs
7	Soil contamination by heavy metals due to Municipal Solid Waste	Dr. Bharat Kakati	3 Lakhs
8	Bio Compatible Properties of Tea Tree Oil Derived Plasma Polymer Films	Dr. Bharat Kakati	3 Lakhs
9	Development of antifouling membranes using low temperature plasma	Dr. Bharat Kakati	3 Lakhs
10	Bamboo as a charcoal: Issue on its potential and sustainability in North-East India	Dr. B.R. Phukan	3 Lakhs
11	Feasibility Study of Floating Solar System with Bioresource based Supporting Structures	Dr. Plaban Bora	3 Lakhs

Sl. No.	Project Title	PI Name	Sanctioned Amount (Rs.)
12	Advanced Biofuel from Locally Available Non-edible Oil Feedstocks of North-East India	Dr. Plaban Bora	3 Lakhs
13	Development of organic gas sensor using Polyaniline Nanocomposite	Dr. Bharat Kakati	3 Lakhs
14	Wetland management plan for Puno-i-Puspabhadra-Bega of the Brahmaputra valley	Dr. Sanghita Dutta	3 Lakhs
15	Restoration and management of Gara River, UrpotBeel and Mora Manah River Dead Channels and degraded Wetlands of Assam.	Dr. Tapan Rajbongshi	3 Lakhs
16	Socio-economic analysis of dead channels and degraded wetlands in Kamrup and Nalbari districts of Assam.	Dr. Karabee Das	3 Lakhs
17	Dead channels and degraded wetlands of Nagaon and Hojai- Their restoration and management actions and plans	Dr. Bharat Kakati	3 Lakhs
18	Restoration and management of dead channels and wetlands in Charikuria-Dhirai and Moridikrang, Assam	Mr. Monoj Baruah	3 Lakhs

### 19.0 Internship Program: Students' Internship at Dept of Energy Engineering, ASTU

Sl. No.	Name of Internship student	Name of Institute
1	Ms. Neha Gogoi	North-Eastern Hill University, Shillong
2	Ms. Ankita Tiwari	North-Eastern Hill University, Shillong
3	Mr. Ripunjoy Kachari	North-Eastern Hill University, Shillong
4	Mr. Ankit Das	North-Eastern Hill University, Shillong
5	Mr. Harjeet Kumar	Jorhat Institute of Science and Technology, Jorhat
6	Mr. Juber Ahmed	Jorhat Institute of Science and Technology, Jorhat
7	Mr. Majaharul Islam	Jorhat Institute of Science and Technology, Jorhat
8	Mr. Manash jyoti Deka	Jorhat Institute of Science and Technology, Jorhat
9	Ms. Kangkana Baishya	Jorhat Institute of Science and Technology, Jorhat
10	Mr. Kukil Pratim Kashyap	Sipajhar College, Sipajhar
11	Mr. Nribarai Sankar	Sipajhar College, Sipajhar

Sl. No.	Name of Internship student	Name of Institute
12	Ms. Megha Sarma	Sipajhar College, Sipajhar
13	Ms. Aparajita Saikia	Sipajhar College, Sipajhar
14	Mr. Rishan Dev Choudhury	Department of Physics and Astronomy, University of Leicester, University Road, Leicester, LE1 7RH
15	Mr. Alok Jyoti Patowary	Department of Physics, Pub Kamrup College, Baihata Chariali
16	Mr. Hadi Alam Borah	North-Eastern Hill University, Shillong
17	Mr. Anuz Kumar	North-Eastern Hill University, Shillong
18	Mr. Sourav Choudhury	North-Eastern Hill University, Shillong
19	Ms. Ankita Tiwari	North-Eastern Hill University, Shillong
20	Mr. Sumante Rai	North-Eastern Hill University, Shillong
21	Mr. Ranvijay Prasad	North-Eastern Hill University, Shillong
22	Mr. Sumit Sil	North-Eastern Hill University, Shillong
23	Mr. Akash Chandra	North-Eastern Hill University, Shillong
24	Mr. Niloy Deka	Assam Engineering College
25	Mr. Dhritiman Lahkar	Assam Engineering College
26	Mr. Farhina Ahmed	Assam Engineering College
27	Mr. Niloy Deka	Assam Engineering College
28	Mr. Partha Pratim Borah	Girijananda Chowdhury Institute of Management and Technology
29	Mr. Abhishek Roy Nandy	Girijananda Chowdhury Institute of Management and Technology

### 20.0 Event Organized:

Sl. No.	Name of Programme	Date
1.	"CAMPUS TO CORPORATE" - An online workshop aimed at enhancing soft skills, especially for facing interviews and achieving continued success in career	August 11 <sup>th</sup> , 2020
2.	6-week online training cum internship program on AI & ML using python	From August 10 <sup>th</sup> , 2020
3.	6-week online training cum internship program on INDUSTRY 4.0 (INDUSTRIAL IOT)	From August 10 <sup>th</sup> , 2020
4.	6-week online training cum internship program on ROBOTICS FUNDAMENTALS	From August 10 <sup>th</sup> , 2020



Sl. No.	Name of Programme	Date
5.	National Conference on Recent Advances in Science and Technology (NCRASST 2020)	August 17 <sup>th</sup> - 19 <sup>th</sup> , 2020
6.	Two Days Webinar on Online Teaching Management Tools”	August 27 <sup>th</sup> - 28 <sup>th</sup> ,2020
7.	One day Webinar on “Basic Tenets of Research Writing: Issues and Challenges”	September 08 <sup>th</sup> , 2020
8.	Leadership Development Program	September 21 <sup>st</sup> - 25 <sup>th</sup> ,2020
9.	Webinar on "A Sneak Peek Into Placement Preparation & Aspects"	September 28 <sup>th</sup> ,2020 – October 17 <sup>th</sup> , 2020
10.	Webinar on “Introduction to Analysis” - Engineering Mathematics[ for students and Faculty, attended 50 faculty and students ]	November 7 <sup>th</sup> , 2020
11.	Employability Test By Aspiring Minds	November-December, 2020
12.	Administrative Effectiveness at Workplace (Staff Development Program)	December 7 <sup>th</sup> , 2020
13.	Webinar on Gender Sensitization	December 22 <sup>nd</sup> , 2020
14.	FDP on “Career Readiness and Employability Skills Training “	December 28 <sup>th</sup> , 2020
15.	One Day Seminar on Sustainable Plastic Technology: The Need of The Hour	January 19 <sup>th</sup> , 2021
16.	Innovative Entrepreneurship and Start up Culture	January 22 <sup>nd</sup> , 2021
17.	University Structure and Functionalities	January 23 <sup>rd</sup> , 2021
18.	OBE Workshop	February 6 <sup>th</sup> , 2021
19.	One day Seminar on Interview Dynamics	February 10 <sup>th</sup> , 2021
20.	One day Seminar on Interview Dynamics	February 11 <sup>th</sup> , 2021
21.	3 days hands on workshop on 3D printing	February 10 <sup>th</sup> -12 <sup>th</sup> , 2021
22.	5-Day Workshop on "Familiarization with Latex: A powerful tool for Technical Writing"	February 15 <sup>th</sup> - 20 <sup>th</sup> , 2021
23.	FDP on Machine Learning and Deep Learning	February 24 <sup>th</sup> , 2021 - March 01 <sup>st</sup> , 2021
24.	FDP on Instrumentation, Operation and Control of Electrical Power Systems	March 01 <sup>st</sup> - 05 <sup>th</sup> , 2021
25.	Intelligent Computing and Technologies Conference 2021	March 15 <sup>th</sup> - 16 <sup>th</sup> , 2021
26.	Workshop on “Valuing Water” on World Water Day 2021	March 22 <sup>nd</sup> , 2021
27.	World Women Day 2022	March 8 <sup>th</sup> , 2022

Sl. No.	Name of Programme	Date
28.	National Science Day 2022	February 28 <sup>th</sup> , 2022
29.	National Technology Day 2022 with SELCO Foundation	May 11 <sup>th</sup> , 2022
30.	World Environment Day 2022.	June 5 <sup>th</sup> , 2022
31.	Hindi Diwas 2022.	September 14 <sup>th</sup> , 2022
32.	Awareness program on Intellectual Property Rights (IPRs),	December 28 <sup>th</sup> , 2021.
33.	Workshop on Valuing Water on World Water Day,	March 22 <sup>nd</sup> , 2021
34.	Webinar talk on “Wagner Micro-ceramic harnessing power of nanotechnology for smarter lubrication” organised by The Indian Institute of Metals, Chennai Chapter, ASM International Chapter and Madras Metallurgical Society	May 17 <sup>th</sup> , 2021
35.	Awareness program on Intellectual Property Rights (IPRs),.	December 28 <sup>th</sup> , 2021
36.	One-week webinar on "Biomass and Bioenergy" was organized under Collaborative Project (Project code: CRS JIST 05).	August 25 <sup>th</sup> - 26 <sup>th</sup> , 2020

## 21.0 Patent:

Sl. No.	Title of the patent	Name of the Inventors	<u>Patent Application No and References</u>
1	Design of an advanced hybrid plasma coating reactor	<b>Bharat Kakati</b> and Dhiraj Bora	Patent Application No: 343633-001, Ref: AGG:SKT:ayv:D_IN100527 (May, 2021)

## 22.0 Publications (since 2020):

### 22.1 Peer-reviewed Journals

1. U. Bordoloi, D. Das, D. Kashyap, D. Patwa, P. Bora, H.H. Muigai, P. Kalita, Synthesis and comparative analysis of biochar-based form-stable phase change materials for thermal management of buildings, *Journal of Energy Storage* 55, 105801 (2022). (Elsevier)
2. M. M. Phukan, N. Hazarika, P. Bora, T. Borah, B. K. Konwar, Leveraging microalga feedstock for biofuel production and wasteland reclamation using remote sensing and ex situ experimentation, *Renewable Energy* 159, 973-981 (2020). (Elsevier)
3. D. Saha, P. Bora, U. Sarmah, Modeling of Air and Fuel Combustion as Emission in Solving AGC Problem of an Isolated CCGT Plant, in 2000 *International Conference on Computational Performance Evaluation (ComPE-2020)*, IEEE, 719-724 (2020).

4. N. D. Choudhury, N. Saha, B. R. Phukan, R. Kataki, Characterization and Evaluation of Energy Properties of Pellets produced from Coir pith, Saw dust and Ipomoea carnea and their blends. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, (2021).
5. N. D. Choudhury, N. Bhuyan, et al., Production of bio-oil from coir pith via pyrolysis: kinetics, thermodynamics, and optimization using response surface methodology. *Biomass Conversion and Biorefinery*, 11, 2881–2898 (2021).
6. N. D. Choudhury, N. Saha, et al. Production and evaluation of physicochemical, rheological, and tribological properties of Cucurbita pepo L. seed oil. *Biomass Conversion and Biorefiner* (2021).
7. N. Bhuyan, N. D. Choudhury, B. K. Dutta, K. Upadhyaya, N. Saikia, R. Kataki, Assessment of kinetic parameters, mechanisms and thermodynamics of Tithonia diversifolia pyrolysis . *Biomass Conversion and Biorefinery*, (2021).
8. N. D. Choudhury, N. Saha and R. Kataki. A study on improvement of cold flow behaviour and thermal-oxidation stability of Camellia sinensis assamica (tea) oil lubricants as industrial lubricant, *IOP Conf. Ser.: Mater. Sci. Eng.* 1070 012124.
9. M. Baruah and A. Borah, Structure–Property Correlation of Al–Mg–Si Alloys Micro-alloyed with Sn, *International Journal of Metalcasting*, 88 (2021).
10. M. Baruah and A. Borah, On the Enhancement of Wear Resistance of AlMgSi Alloy via Micro-Alloying Sn, *Sadhana*, 46 (2021).
11. M. Baruah and A. Borah, Effect of Solution Treatment on Ageing Behaviour of Al-Mg-Si-Sn Alloy, *Advanced Engineering Forum*, 39 (2021).
12. M. Baruah and A. Borah, Processing and Precipitation Strengthening of 6xxx series Aluminium Alloys: A Review, *Int. Journal of Material Science*, 1 (2020).
13. Nabendu Kumar Deb, Kushal Kalita, Harun Al Rashid, S. Nath, J. Gehlot, N. Madhavan, Rohan Biswas, Rudra N. Sahoo, Pankaj K. Giri, Amar Das, Tapan Rajbongshi, Anamika Parihari, Niraj K. Rai, Saumyajit Biswas, Khushboo, Amritraj Mahato, B. J. Roy, A. Vinayak, and Anjali Rani, Role of neutron transfer in the sub-barrier fusion cross section in  $^{18}\text{O} + ^{116}\text{Sn}$ , *Phys. Rev. C* 102, 034603 (2020).
14. Gaurav Saikia, Bharat Kakati, Rajesh Ghosh, Tapan Rajbongshi, Tonmoi Hazarika, Hemen Kalita, S. Kundu and Subir Biswas, Production of reduced graphene oxide through plasma assisted route (2022), (*Under Communication*).
15. Rimlee Saikia, Bharat Kakati, Tonmoi Hazarika, Shivam Sharma, Tapan Rajbongshi, Mausumi Das, Subir Biswas, Sarathi Kundu and Manoj Kumar Mahanta, Comparative study between DC and RF assisted DC sputtering for silicon thin film deposition (2022), (*Under Communication*).

## 22.2 Book Chapters

1. R. Kataki, M. M. Phukan, D. Kalita, P. P. Pankaj, J. Saha, P. P. Das, P. Bora, N. Hazarika, S. R. Sangma and M. Kumar, Next Generational Biosurfactant and Their Practical Applications in Food Industries, in *Applications of Next Generation Biosurfactants in the Food Sector* in Inamuddin & C. Adetunji (eds.), Elsevier, Academic Press, 2022 (eBook ISBN: 9780128242841, Paperback ISBN: 9780128242834)

2. M.M. Phukan, R. Kumar, K. Gupta, P. Bardhan, N. Bhuyan, L. Gogoi, P. Bora, M. Mandal, R. Kataki, Aquatic Microbial Oxygenic Phototrophs: A Short Treatise on Diverse Applications and the Future Biofuel Scenario, in *Environmental Microbiology and Biotechnology*. in Singh A., Srivastava S., Rathore D., Pant D. (eds), Springer, Singapore, 2021 (ISBN: 978-981-15-7493-1 & 978-981-15-7493-4)
3. M.M. Phukan & P. Bora, Energy Plantations from the Modern Bioenergy Standpoint: Crucial Issues and Policy Requirements in India, in *Advances in Science and Technology (Vol.II)*, B. Kakati, BR Phukan et al eds, McGraw-Hill Publication, 2020, 280-283 (ISBN-13: 9789390491-11-7, ISBN-10: 93-90491-11-8).
4. N.D. Choudhury, N. Bhuyan, R. Narzari, R. Saikia, D. Seth, N. Saha., R. Kataki, Chapter 12 - Various conversion techniques for the recovery of value-added products from tea waste, *Valorization of Agri-Food Wastes and By-Products Recent Trends, Innovations and Sustainability Challenges*, 237-265 (2021)
5. M. Deka, P.K. Mahanta and N.D. Choudhury. Effect of EGR on performance and emission characteristics of a diesel engine fueled with yellow oleander seed oil biodiesel, In: Mahanta, P., Kalita, P., Paul, A., Banerjee, A. (eds) *Advances in Thermofluids and Renewable Energy. Lecture Notes in Mechanical Engineering*. Springer, Singapore.
6. M. Baruah, H. Bhattacharyya, H. Gohain and A. Borah, Effect of solution heat treatment Temperature and Soaking time on Hardness of Al-Mg-Si-Sn alloy, in *Advances in Science and Technology Vol.II*, B. Kakati, B R Phukan et al eds, McGraw-Hill Publication, 2020, 145 (ISBN-13: 9789390491-11-7, ISBN-10: 93-90491-11-8).
7. Sumi Kakati, Jyotishmanyu Kakoti, Nabajit Dev Choudhury, Feasibility of vegetable oils as transformer oil, in *Advances in Science and Technology Vol.II*, B. Kakati, B R Phukan et al eds, McGraw-Hill Publication, 2020, 284-292 (ISBN-13: 9789390491-11-7, ISBN-10: 93-90491-11-8).
8. Nabajit Dev Choudhury, Nilutpal Bhuyan, Rumi Narzari, Ruprekha Saikia, Dibyakanta Seth, Niharendu Saha, RupamKataki, Chapter 12 - Various conversion techniques for the recovery of value-added products from tea waste, *Valorization of Agri-Food Wastes and By-Products Recent Trends, Innovations and Sustainability Challenges*, 237-265 (2021) [doi.org/10.1016/B978-0-12-824044-1.00015-5](https://doi.org/10.1016/B978-0-12-824044-1.00015-5)
9. Tapan Rajbongshi, Systematic Study of Ground State Deformation Effects on Fusion Cross Sections, in *Advances in Science and Technology, Volume II*, B. Kakati, B R Phukan et al eds, Mc Graw Hill 2020, 79-84. (ISBN-13: 978-93-90491-11-7, ISBN-10: 93-90491-11-8).
10. Bharat Kakati, Forces on Dust Grains in Low Pressure Laboratory Complex Plasma, in *Advances in Science and Technology, Vol II*, B. Kakati, B R Phukan et al eds, McGraw-Hill 2020, 94-99. (ISBN-13: 978-93-90491-11-7, ISBN-10: 93-90491-11-8).

### 22.3 Edited Books

1. Biswa Ranjan Phukan, Nripen Das and Maharnav Bhattacharyya; 100 Research Projects (Under Teqip-III Collaborative Research Scheme), Published by Maliyata Offset Press, India 2022 ISBN: 978-81-950266

2. Bharat Kakati, B. R. Phukan, Tapan Rajbongshi, D. Bora, *Advances in Science and Technology*, Volume II, McGraw Hill. (ISBN-13: 978-93-90491-11-7, ISBN-10: 93-90491-11-8)

#### 22.4 Conferences

1. P Bora, Renewable Energy Technology Implementation in Rural India: a Study with Special Emphasis to North East India, in *5th International Conference on Fossil and Renewable Energy (F&R Energy-2021)*, held during March 01-03, 2021 at Houston, TX, USA.
2. P. Bora, D. Saha, N. Das, D. Bora, Energy Consumption in Tea Estates: A Case Study in Assam, India, in *International Conference on Green Energy for Environmental Sustainability (ICGEES2020)*, 13<sup>th</sup> & 14<sup>th</sup> March, 2020, Department of Chemical Engineering, National Institute of Technology Calicut, Kerala
3. M. Baruah, A. Ladha, A. Kar, A. Deb and A. Borah, A Study of Effect of Micro-alloying of Tin on Ageing Behaviour of 6xxx Series Aluminium Alloys, *Lecture Notes in Mechanical Engineering 2020* (ISSN: 2195-4356)
4. Nabajit D Choudhury, Niharendu Saha and Rupam Kataki. A study on improvement of cold flow behaviour and thermal-oxidation stability of *Camellia sinensis assamica* (tea) oil lubricants as industrial lubricant, *IOP Conf. Ser.: Mater. Sci. Eng.* 1070 012124
5. Tapan Rajbongshi, Review on food irradiation as a food preservative technique, 3<sup>rd</sup> National Conference on Recent Advances in Science and Technology, Assam Science and Technology University, August 17-19, 2020.
6. Bharat Kakati, Forces on Dust Grains in Low Pressure Laboratory Complex Plasma, 3<sup>rd</sup> National Conference on Recent Advances in Science and Technology, Assam Science and Technology University, August 17-19, 2020.

#### 22.5 Popular Articles

1. P. Bora & B. R. Phukan, Modern Bioenergy and Advanced Biofuels, *The Assam Jyoti*, published on 8<sup>th</sup> October, 2021, Page 8
2. Tapan Rajbongshi, Food Irradiation: A New Emerging Technology, *The Assam Jyoti*, published on 1st October, 2021, Page 6
3. Tapan Rajbongshi and B. R. Phukan, Fusion: The Future source of Energy, *The Assam Jyoti*, published on 3 Dec., 2021, Page 3.

### 23. Translation of Technical Book to the Assamese Language

As per the scope of the MoU with the All India Council for Technical Education (AICTE) the university is coordinating the translation of Technical Books for Undergraduate and Diploma level engineering books to the Assamese language. The status of the translation and review of books are as below:

Sl. No.	Technical Books	Status
1	1 <sup>st</sup> year Technical Books	Out of 20 total books (both diploma and undergraduate), 7 books are in the translation process, 7 books are in the review process and 6 books are completed.

Sl. No.	Technical Books	Status
2	2 <sup>nd</sup> -year Technical Books	The process for 2 <sup>nd</sup> year technical book translation is in the early stage of assigning the books to translators and reviewers. Total 86 books are proposed to be translated into the Assamese language.

#### 24. Others activity

Provide guidance to the students of Jalukbari Higher Secondary School, Jalukbari and conduct the tutorial class of Physics (XI & XII). A few photographs are given below;



**Annexure-I****Academic Council of Assam Science and Technology University**

In partial modification of earlier notification No. ASTU/Meeting (AC)/12/2013/1181 dtd. 20/03/2021 and in pursuance of the provision contained in Clause No. 20 of Assam Science and Technology University Act, 2009, the competent authority of Assam Science and Technology University is pleased to notify the Academic Council of the university with the following members with immediate effect vide Notification No. ASTU/Academic/AC-Meeting/2022/286/7265 dated 13/04/2021.

20. As per Provision of ASTU Act, 2009	Members
(i) Vice Chancellor	Prof. (Dr.) Narendra Chaudhari
(ii) Registrar	Dr. Nripen Das
(iii) The Principal of the affiliated colleges	<ol style="list-style-type: none"> <li>1) Principal AEC, Jalukbari</li> <li>2) Principal JEC, Jorhat</li> <li>3) Principal JIST, Jorhat</li> <li>4) Principal BBEC, Kokrajhar</li> <li>5) Principal BVEC, Karimganj</li> <li>6) Principal, GEC, Golaghat</li> <li>7) Principal, NITS, Mirza</li> <li>8) Principal, GIMT, Azara</li> <li>9) Principal, GIMT, Tezpur</li> <li>10) Principal, SITM, Gorchuk</li> <li>11) Principal, PIPS, Panikhaiti</li> <li>12) Principal, NIPS, Mirza</li> <li>13) Director, NERIWALM, Tezpur</li> <li>14) Principal GCAP, Azara</li> <li>15) Principal, DHSK College, Dibrugarh</li> <li>16) Principal, NIRD, Mangaldoi</li> <li>17) Principal, Brahmaputra College, Guwahati</li> <li>18) Principal, RIPSAR, Tepesia</li> <li>19) Principal, Pub Kamrup College, Baihata Chariali</li> <li>20) Director, AIM, Guwahati</li> <li>21) Director, CIT, Kokrajhar</li> <li>22) Director, NERIM, Guwahati</li> <li>23) Dean, Daffodil College of Horticulture, Khetri</li> <li>24) Principal, Silapathar Science College</li> <li>25) Director, Tocklai Tea Research Institute, Jorhat</li> <li>26) Principal, Dhamaji Engineering College</li> <li>27) Director, NEIMS, Jorhat</li> <li>28) Principal, GIPS, Tezpur</li> <li>29) Principal, GIPS, Azara</li> <li>30) Principal, CT College, Tinsukia</li> </ol>
(iv) Ten teachers of the affiliated colleges representing different subject to be elected from amongst themselves	Vacant

20. As per Provision of ASTU Act, 2009	Members
(v) Six Professors nominated by the Vice Chancellor	<p>Dr. Bandana Chakraborty, Associate Professor, AEC, Jalukari. w.e.f. 03/11/2020 to 02/11/2025</p> <p>Dr. Chandra Chutia, Associate Professor, JIST, Jorhat. w.e.f. 03/11/2020 to 02/11/2025</p> <p>Prof. Durlav Hazarika, Professor, AEC, Jalukbari. w.e.f. 03/11/2020 to 02/11/2025</p> <p>Prof. Prasanna Kumar Khaund, Professor and HoD, JEC, Jorhat. w.e.f. 03/11/2020 to 02/11/2025</p> <p>Dr. Rupanjali Nath, Associate Professor, JEC, Jorhat. w.e.f. 03/11/2020 to 02/11/2025</p> <p>Prof. Krishnanga Gohain, Professor &amp; HoD, GIMT, Azara, w.e.f. 03/11/2020 to 02/11/2025</p>
(vi) Six persons, who may or may not be teachers nominated by the Vice Chancellor	<p>Dr. Jiten Chandra Dutta, Professor, Tezpur University, w.e.f. 03/11/2020 to 02/11/2025</p> <p>Prof. K.S. Goswami, Ex-Centre Director, CPP-IPR w.e.f. 03/11/2020 to 02/11/2025</p> <p>Prof. Anup Kumar Gogoi Indian Institute of Technology, Guwahati w.e.f. 03/11/2020 to 02/11/2025</p> <p>Prof. Alike Khare, Professor (HAG) Indian Institute of Technology, Guwahati. w.e.f. 03/11/2020 to 02/11/2025</p> <p>Prof. Pradip Phukan, Professor, Gauhati University, Guwahati. w.e.f. 03/11/2020 to 02/11/2025</p> <p>Prof. Dipak Chetia, Professor, Dibrugarh University. w.e.f. 03/11/2020 to 02/11/2025</p>
(vii) One Education Officer of the Higher Secondary Education Council, Assam to be nominated by the Chairperson of the aforesaid Council	Sri Ranjan Kumar Das, Deputy Secretary Assam Higher Secondary Council (AHSEC) Guwahati
(viii) The Director of Technical Education, Assam <b>Member Secretary</b>	<p>Dr. Atul Bora</p> <p>Dr. Biswa Ranjan Phukan, Academic Registrar</p>

13/04/2021

Sd/-  
Registrar



**Annexure-II**  
**Reconstitution of the University Research Committee (URC)**

The University Research Committee is reconstituted as per ASTU PhD Regulation 2017 Clause No. 11 vide Notification no. ASTU/PhD/I/43/2014 (Pt. III) dated 13/07/2022 with the following members:

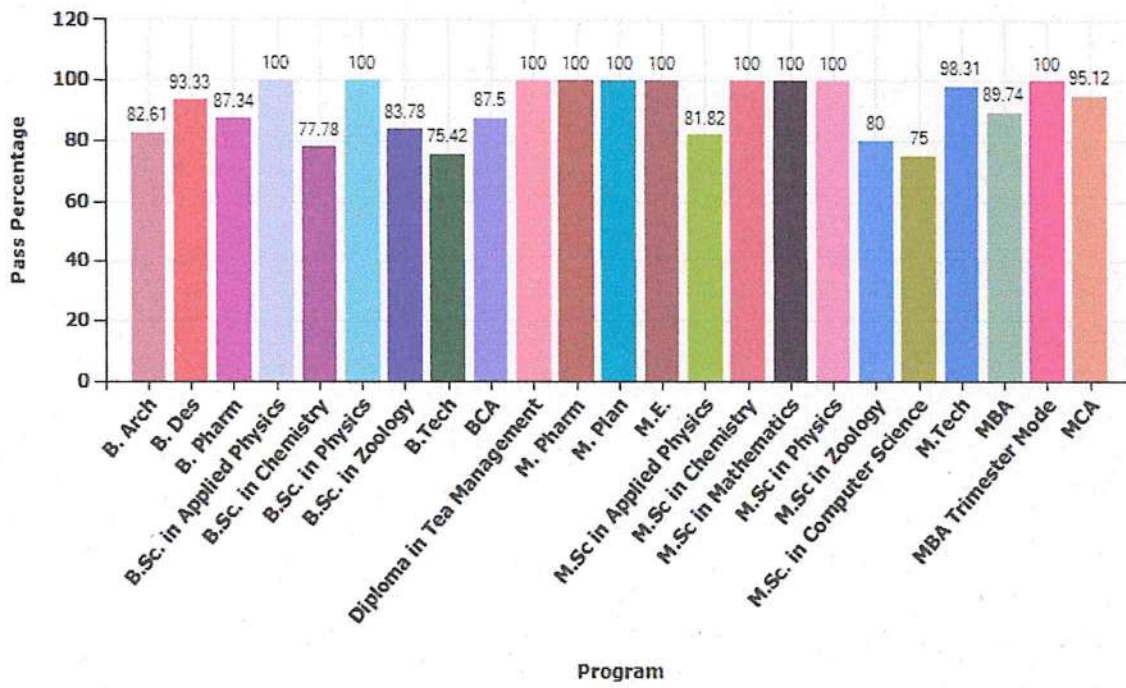
<b>Sl No</b>	<b>Particulars</b>	
	Vice-Chancellor-ASTU	Chairman
	Dr. Nripen Das, Registrar, ASTU	Member
	Controller of Examinations, ASTU	Member
	Director, GUIST	Member
	Prof. Atul Bora, Principal, AEC	Member
	Prof. Rupam Baruah, Principal, JEC	Member
	Prof. AK Gogoi, Retd Prof. IITG	Member
	Prof. Sudip Kumar Deb, AEC	Member
	Prof. Thuleswar Nath, Principal GIMT	Member
	Prof. Rupam Baruah, JEC	Member
	Dr. B.R.Phukan, Academic Registrar, ASTU	Member Secretary

# Examination Report

# **University Examinations**

**Program-Wise Graduation Statistics for Year : 2020**

SL. No.	Program	Appeared	Passed	Pass%
1	B. Arch	23	19	82.61
2	B. Des	15	14	93.33
3	B. Pharm	79	69	87.34
4	B.Sc. in Applied Physics	8	8	100.00
5	B.Sc. in Chemistry	9	7	77.78
6	B.Sc. in Physics	3	3	100.00
7	B.Sc. in Zoology	37	31	83.78
8	B.Tech	1070	807	75.42
9	BCA	8	7	87.50
10	Diploma in Tea Management	34	34	100.00
11	M. Pharm	13	13	100.00
12	M. Plan	6	6	100.00
13	M.E.	2	2	100.00
14	M.Sc in Applied Physics	11	9	81.82
15	M.Sc in Chemistry	18	18	100.00
16	M.Sc in Mathematics	13	13	100.00
17	M.Sc in Physics	20	20	100.00
18	M.Sc in Zoology	10	8	80.00
19	M.Sc. in Computer Science	4	3	75.00
20	M.Tech	59	58	98.31
21	MBA	39	35	89.74
22	MBA Trimester Mode	58	58	100.00
23	MCA	41	39	95.12



**Semester-Wise Result Statistics for Year : 2020**

College	program	Semester	Exam Type	Appeared	Passed	Pass %
NITS, Mirza	B.Tech	2	Repeater	26	25	96.15
NITS, Mirza	B.Tech	4	Repeater	62	59	95.16
NITS, Mirza	B.Tech	6	Repeater	36	34	94.44
NITS, Mirza	B.Tech	8	Regular	29	28	96.55
NITS, Mirza	B.Tech	8	Repeater	28	26	92.86
RSET, Guwahati	B.Tech	2	Repeater	151	141	93.38
RSET, Guwahati	B.Tech	4	Repeater	186	173	93.01
RSET, Guwahati	B.Tech	6	Repeater	187	168	89.84
RSET, Guwahati	B.Tech	8	Regular	200	192	96.00
RSET, Guwahati	B.Tech	8	Repeater	79	70	88.61
GIMT, Azara	B.Tech	2	Regular	165	165	100.00
GIMT, Azara	B.Tech	2	Repeater	212	202	95.28
GIMT, Azara	B.Tech	4	Regular	247	245	99.19
GIMT, Azara	B.Tech	4	Repeater	254	241	94.88
GIMT, Azara	B.Tech	6	Regular	251	251	100.00
GIMT, Azara	B.Tech	6	Repeater	258	241	93.41
GIMT, Azara	B.Tech	8	Regular	348	347	99.71
GIMT, Azara	B.Tech	8	Repeater	82	76	92.68
GIMT, Azara	BBA	2	Regular	12	12	100.00
GIMT, Azara	BBA	4	Regular	7	7	100.00
GIMT, Azara	BCA	2	Regular	39	39	100.00
GIMT, Azara	BCA	4	Regular	28	28	100.00
GIMT, Azara	BCA	4	Repeater	3	3	100.00
GIMT, Azara	BCA	6	Regular	8	8	100.00
GIMT, Azara	M.Tech	2	Regular	3	3	100.00
GIMT, Azara	M.Tech	2	Repeater	1	1	100.00
GIMT, Azara	M.Tech	4	Regular	4	4	100.00
GIMT, Azara	MBA	2	Regular	53	53	100.00
GIMT, Azara	MBA	2	Repeater	7	6	85.71

GIMT, Azara	MBA	4	Regular	35	34	97.14
GIMT, Azara	MBA	4	Repeater	2	2	100.00
GIMT, Azara	MCA	2	Regular	26	26	100.00
GIMT, Azara	MCA	2	Repeater	3	3	100.00
GIMT, Azara	MCA	4	Regular	28	28	100.00
GIMT, Azara	MCA	4	Repeater	1	1	100.00
GIMT, Azara	MCA	6	Regular	23	23	100.00
GIMT, Azara	Ph.D	2	Regular	8	8	100.00
GIMT, Tezpur	B.Tech	2	Regular	17	17	100.00
GIMT, Tezpur	B.Tech	2	Repeater	31	27	87.10
GIMT, Tezpur	B.Tech	4	Regular	47	47	100.00
GIMT, Tezpur	B.Tech	4	Repeater	51	47	92.16
GIMT, Tezpur	B.Tech	6	Regular	99	99	100.00
GIMT, Tezpur	B.Tech	6	Repeater	76	72	94.74
GIMT, Tezpur	B.Tech	8	Regular	93	92	98.92
GIMT, Tezpur	B.Tech	8	Repeater	34	30	88.24
GIPS, Azara	B. Pharm	2	Regular	101	79	78.22
GIPS, Azara	B. Pharm	2	Repeater	10	9	90.00
GIPS, Azara	B. Pharm	4	Regular	109	98	89.91
GIPS, Azara	B. Pharm	4	Repeater	15	13	86.67
GIPS, Azara	B. Pharm	6	Regular	100	83	83.00
GIPS, Azara	B. Pharm	6	Repeater	25	24	96.00
GIPS, Azara	B. Pharm	8	Regular	63	61	96.83
GIPS, Azara	B. Pharm	8	Repeater	12	12	100.00
GIPS, Azara	D. Pharm	2	Regular	53	51	96.23
GIPS, Azara	M. Pharm	2	Regular	15	15	100.00
GIPS, Azara	M. Pharm	4	Regular	13	13	100.00
GIPS, Azara	Ph.D	2	Regular	8	8	100.00
Assam Engineering College	B.E.	2	Repeater	58	24	41.38
Assam Engineering College	B.E.	4	Repeater	180	74	41.11
Assam Engineering College	B.E.	6	Regular	435	430	98.85
Assam Engineering College	B.Tech	2	Regular	359	350	97.49
Assam Engineering College	B.Tech	2	Repeater	1	0	0.00

Assam Engineering College	B.Tech	4	Regular	441	436	98.87
Assam Engineering College	B.Tech	4	Repeater	1	0	0.00
Assam Engineering College	M.E.	2	Repeater	3	2	66.67
Assam Engineering College	M.Tech	2	Regular	60	55	91.67
Assam Engineering College	M.Tech	2	Repeater	19	11	57.89
Assam Engineering College	M.Tech	4	Regular	22	22	100.00
Assam Engineering College	MCA	2	Regular	28	28	100.00
Assam Engineering College	MCA	2	Repeater	6	4	66.67
Assam Engineering College	MCA	4	Regular	35	35	100.00
Assam Engineering College	MCA	4	Repeater	2	2	100.00
Assam Engineering College	MCA	6	Regular	17	17	100.00
Jorhat Engineering College	B.E.	2	Repeater	99	68	68.69
Jorhat Engineering College	B.E.	4	Repeater	107	54	50.47
Jorhat Engineering College	B.E.	6	Regular	326	326	100.00
Jorhat Engineering College	B.Tech	2	Regular	297	294	98.99
Jorhat Engineering College	B.Tech	2	Repeater	3	2	66.67
Jorhat Engineering College	B.Tech	4	Regular	335	333	99.40
Jorhat Engineering College	B.Tech	4	Repeater	2	1	50.00
Jorhat Engineering College	M.Tech	2	Regular	21	20	95.24
Jorhat Engineering College	M.Tech	2	Repeater	4	4	100.00
Jorhat Engineering College	M.Tech	4	Regular	28	27	96.43
Jorhat Engineering College	MCA	2	Regular	19	19	100.00
Jorhat Engineering College	MCA	4	Regular	26	26	100.00
Jorhat Institute of Science & Technology	B.E.	2	Repeater	79	66	83.54
Jorhat Institute of Science & Technology	B.E.	4	Repeater	75	59	78.67
Jorhat Institute of Science & Technology	B.E.	6	Regular	202	202	100.00
Jorhat Institute of Science & Technology	B.Sc. in Chemistry	2	Regular	29	29	100.00
Jorhat Institute of Science & Technology	B.Sc. in Chemistry	4	Regular	32	32	100.00
Jorhat Institute of Science & Technology	B.Sc. in Information Technology	2	Regular	56	56	100.00
Jorhat Institute of Science & Technology	B.Sc. in Information Technology	4	Regular	57	57	100.00
Jorhat Institute of Science & Technology	B.Sc. in Mathematics	2	Regular	21	21	100.00
Jorhat Institute of Science & Technology	B.Sc. in Mathematics	4	Regular	37	37	100.00



Jorhat Institute of Science & Technology	B.Sc. in Physics	2	Regular	31	31	100.00
Jorhat Institute of Science & Technology	B.Sc. in Physics	4	Regular	25	25	100.00
Jorhat Institute of Science & Technology	B.Tech	2	Regular	192	192	100.00
Jorhat Institute of Science & Technology	B.Tech	4	Regular	186	186	100.00
Jorhat Institute of Science & Technology	M.Sc in Chemistry	2	Regular	20	20	100.00
Jorhat Institute of Science & Technology	M.Sc in Chemistry	2	Repeater	3	3	100.00
Jorhat Institute of Science & Technology	M.Sc in Chemistry	4	Regular	18	18	100.00
Jorhat Institute of Science & Technology	M.Sc in Mathematics	2	Regular	28	28	100.00
Jorhat Institute of Science & Technology	M.Sc in Mathematics	2	Repeater	1	1	100.00
Jorhat Institute of Science & Technology	M.Sc in Mathematics	4	Regular	13	13	100.00
Jorhat Institute of Science & Technology	M.Sc in Physics	2	Regular	23	22	95.65
Jorhat Institute of Science & Technology	M.Sc in Physics	2	Repeater	2	2	100.00
Jorhat Institute of Science & Technology	M.Sc in Physics	4	Regular	20	20	100.00
Jorhat Institute of Science & Technology	Ph.D	2	Regular	4	4	100.00
Bineswar Brahma Engineering College, Kokrajhar	B.E.	2	Repeater	40	14	35.00
Bineswar Brahma Engineering College, Kokrajhar	B.E.	4	Repeater	75	53	70.67
Bineswar Brahma Engineering College, Kokrajhar	B.E.	6	Regular	108	107	99.07
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	2	Regular	165	159	96.36
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	4	Regular	160	148	92.50
Guwahati College of Architecture and Planning, Azara	B. Arch	10	Regular	20	20	100.00
Guwahati College of Architecture and Planning, Azara	B. Arch	2	Regular	11	10	90.91
Guwahati College of Architecture and Planning, Azara	B. Arch	2	Repeater	6	2	33.33
Guwahati College of Architecture and Planning, Azara	B. Arch	4	Regular	24	18	75.00
Guwahati College of Architecture and Planning, Azara	B. Arch	4	Repeater	8	6	75.00
Guwahati College of Architecture and Planning, Azara	B. Arch	6	Regular	19	11	57.89
Guwahati College of Architecture and Planning, Azara	B. Arch	6	Repeater	4	2	50.00

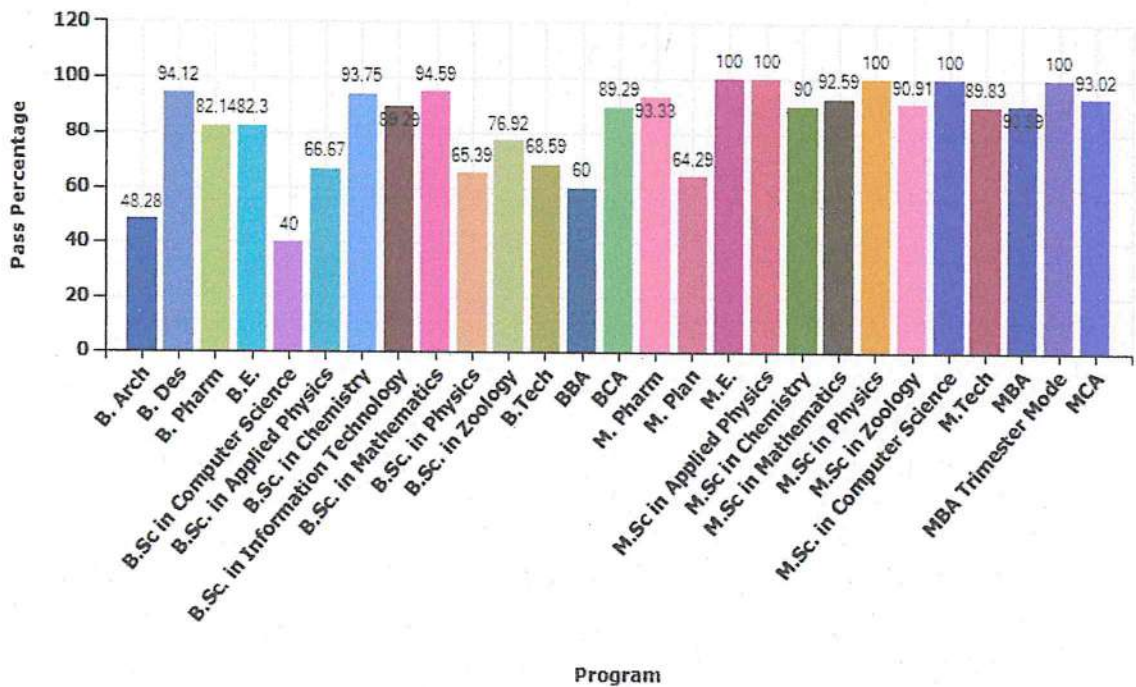
Guwahati College of Architecture and Planning, Azara	B. Arch	8	Regular	30	23	76.67
Guwahati College of Architecture and Planning, Azara	B. Arch	8	Repeater	9	7	77.78
Guwahati College of Architecture and Planning, Azara	M. Plan	2	Regular	14	13	92.86
Guwahati College of Architecture and Planning, Azara	M. Plan	2	Repeater	2	2	100.00
Guwahati College of Architecture and Planning, Azara	M. Plan	4	Regular	5	5	100.00
Guwahati College of Architecture and Planning, Azara	M. Plan	4	Repeater	1	1	100.00
Central Institute of Technology, Kokrajhar	B. Des	4	Regular	28	28	100.00
Central Institute of Technology, Kokrajhar	B. Des	6	Regular	18	18	100.00
Central Institute of Technology, Kokrajhar	B. Des	6	Repeater	2	2	100.00
Central Institute of Technology, Kokrajhar	B. Des	8	Regular	15	15	100.00
Brahmaputra College , Guwahati	B.Sc in Computer Science	2	Regular	6	6	100.00
Brahmaputra College , Guwahati	B.Sc in Computer Science	4	Regular	5	5	100.00
Brahmaputra College , Guwahati	B.Sc. in Applied Physics	2	Regular	4	4	100.00
Brahmaputra College , Guwahati	B.Sc. in Applied Physics	4	Regular	6	6	100.00
Brahmaputra College , Guwahati	B.Sc. in Applied Physics	4	Repeater	1	1	100.00
Brahmaputra College , Guwahati	B.Sc. in Applied Physics	6	Regular	7	7	100.00
Brahmaputra College , Guwahati	B.Sc. in Applied Physics	6	Repeater	1	1	100.00
Brahmaputra College , Guwahati	B.Sc. in Chemistry	4	Repeater	3	3	100.00
Brahmaputra College , Guwahati	B.Sc. in Chemistry	6	Regular	9	7	77.78
Brahmaputra College , Guwahati	B.Sc. in Zoology	2	Regular	14	14	100.00
Brahmaputra College , Guwahati	B.Sc. in Zoology	4	Regular	8	8	100.00
Brahmaputra College , Guwahati	B.Sc. in Zoology	4	Repeater	2	1	50.00
Brahmaputra College , Guwahati	B.Sc. in Zoology	6	Regular	20	19	95.00
Brahmaputra College , Guwahati	M.Sc in Applied Physics	2	Regular	5	4	80.00

Brahmaputra College , Guwahati	M.Sc in Applied Physics	4	Regular	7	7	100.00
Brahmaputra College , Guwahati	M.Sc in Applied Physics	4	Repeater	4	2	50.00
Brahmaputra College , Guwahati	M.Sc in Zoology	2	Regular	11	11	100.00
Brahmaputra College , Guwahati	M.Sc in Zoology	4	Regular	10	9	90.00
Assam Institute of Management , Guwahati	MBA Trimester Mode	2	Regular	67	66	98.51
Assam Institute of Management , Guwahati	MBA Trimester Mode	6	Regular	58	58	100.00
Assam Institute of Management , Guwahati	Ph.D	2	Regular	6	6	100.00
Assam Science and Technology University	M.Tech	4	Regular	5	5	100.00
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	2	Regular	57	41	71.93
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	4	Regular	66	46	69.70
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	6	Regular	38	35	92.11
NERIM, Guwahati	M.Sc. in Computer Science	2	Regular	3	3	100.00
NERIM, Guwahati	M.Sc. in Computer Science	2	Repeater	1	1	100.00
NERIM, Guwahati	M.Sc. in Computer Science	4	Regular	4	4	100.00
NERIM, Mangaldoi	B.Sc. in Physics	2	Regular	2	2	100.00
NERIM, Mangaldoi	B.Sc. in Physics	4	Regular	2	2	100.00
NERIM, Mangaldoi	B.Sc. in Physics	4	Repeater	1	1	100.00
NERIM, Mangaldoi	B.Sc. in Physics	6	Regular	3	3	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	2	Regular	3	3	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	4	Regular	4	4	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	4	Repeater	9	8	88.89
NERIM, Mangaldoi	B.Sc. in Zoology	6	Regular	17	16	94.12
Barak Valley Engineering College, Karimganj	B.E.	2	Repeater	4	3	75.00
Barak Valley Engineering College, Karimganj	B.E.	4	Repeater	43	40	93.02
Barak Valley Engineering College, Karimganj	B.E.	6	Regular	86	86	100.00
Barak Valley Engineering College, Karimganj	B.Tech	2	Regular	34	34	100.00
Barak Valley Engineering College, Karimganj	B.Tech	4	Regular	53	53	100.00

Scholars Institute of Technology and Management, Guwahati	B.E.	2	Repeater	5	4	80.00
Scholars Institute of Technology and Management, Guwahati	B.E.	4	Repeater	20	12	60.00
Scholars Institute of Technology and Management, Guwahati	B.E.	6	Regular	31	31	100.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	2	Regular	18	18	100.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	2	Repeater	1	0	0.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	4	Regular	30	29	96.67
Pratiksha Institute of Pharmaceutical Sciences	B. Pharm	2	Regular	58	41	70.69
Pratiksha Institute of Pharmaceutical Sciences	B. Pharm	4	Regular	53	40	75.47
Golaghat Engineering College	B.Tech	2	Regular	32	32	100.00
Golaghat Engineering College	B.Tech	4	Regular	88	88	100.00
North Eastern Regional Institute of Water and Land Management	M.Tech	2	Regular	10	10	100.00
Pub Kamrup College	M.Sc in Physics	2	Regular	19	17	89.47
Pub Kamrup College	M.Sc. in Computer Science	2	Regular	6	6	100.00
Rahman Institute of Pharmaceutical Sciences and Research, Guwahati	B. Pharm	2	Regular	52	36	69.23

**Program-Wise Graduation Statistics for Year : 2021**

SL. No.	Program	Appeared	Passed	Pass%
1	B. Arch	29	14	48.28
2	B. Des	17	16	94.12
3	B. Pharm	140	115	82.14
4	B.E.	1181	972	82.30
5	B.Sc in Computer Science	5	2	40.00
6	B.Sc. in Applied Physics	6	4	66.67
7	B.Sc. in Chemistry	32	30	93.75
8	B.Sc. in Information Technology	56	50	89.29
9	B.Sc. in Mathematics	37	35	94.59
10	B.Sc. in Physics	26	17	65.39
11	B.Sc. in Zoology	13	10	76.92
12	B.Tech	433	297	68.59
13	BBA	5	3	60.00
14	BCA	28	25	89.29
15	M. Pharm	15	14	93.33
16	M. Plan	14	9	64.29
17	M.E.	1	1	100.00
18	M.Sc in Applied Physics	4	4	100.00
19	M.Sc in Chemistry	20	18	90.00
20	M.Sc in Mathematics	27	25	92.59
21	M.Sc in Physics	38	38	100.00
22	M.Sc in Zoology	11	10	90.91
23	M.Sc. in Computer Science	9	9	100.00
24	M.Tech	59	53	89.83
25	MBA	52	47	90.39
26	MBA Trimester Mode	65	65	100.00
27	MCA	86	80	93.02



**Semester-Wise Result Statistics for Year : 2021**

College	program	Semester	Exam Type	Appeared	Passed	Pass %
NITS, Mirza	B.Tech	2	Repeater	1	1	100.00
NITS, Mirza	B.Tech	4	Repeater	3	3	100.00
NITS, Mirza	B.Tech	6	Repeater	3	3	100.00
NITS, Mirza	B.Tech	8	Repeater	4	4	100.00
RSET, Guwahati	B.Tech	2	Repeater	13	11	84.62
RSET, Guwahati	B.Tech	4	Repeater	14	13	92.86
RSET, Guwahati	B.Tech	6	Repeater	20	17	85.00
RSET, Guwahati	B.Tech	8	Regular	2	2	100.00
RSET, Guwahati	B.Tech	8	Repeater	23	21	91.30
GIMT, Azara	B.Sc. in Chemistry	2	Regular	4	4	100.00
GIMT, Azara	B.Sc. in Mathematics	2	Regular	1	1	100.00
GIMT, Azara	B.Sc. in Physics	2	Regular	2	2	100.00
GIMT, Azara	B.Tech	2	Regular	141	141	100.00
GIMT, Azara	B.Tech	2	Repeater	28	25	89.29
GIMT, Azara	B.Tech	4	Regular	203	203	100.00
GIMT, Azara	B.Tech	4	Repeater	16	15	93.75
GIMT, Azara	B.Tech	6	Regular	246	246	100.00
GIMT, Azara	B.Tech	6	Repeater	8	6	75.00
GIMT, Azara	B.Tech	8	Regular	251	250	99.60
GIMT, Azara	B.Tech	8	Repeater	10	7	70.00
GIMT, Azara	BBA	2	Regular	25	25	100.00
GIMT, Azara	BBA	4	Regular	12	12	100.00
GIMT, Azara	BBA	6	Regular	5	4	80.00
GIMT, Azara	BCA	2	Regular	53	53	100.00
GIMT, Azara	BCA	2	Repeater	2	2	100.00
GIMT, Azara	BCA	4	Regular	39	39	100.00
GIMT, Azara	BCA	6	Regular	28	28	100.00
GIMT, Azara	M.Tech	2	Regular	8	8	100.00
GIMT, Azara	M.Tech	4	Regular	3	3	100.00

GIMT, Azara	MBA	2	Regular	40	40	100.00
GIMT, Azara	MBA	2	Repeater	1	1	100.00
GIMT, Azara	MBA	4	Regular	50	50	100.00
GIMT, Azara	MBA	4	Repeater	1	1	100.00
GIMT, Azara	MCA	2	Regular	23	23	100.00
GIMT, Azara	MCA	2	Repeater	1	1	100.00
GIMT, Azara	MCA	4	Regular	25	25	100.00
GIMT, Azara	MCA	4	Repeater	1	1	100.00
GIMT, Azara	MCA	6	Regular	28	28	100.00
GIMT, Tezpur	B.Tech	2	Repeater	5	3	60.00
GIMT, Tezpur	B.Tech	4	Regular	47	46	97.87
GIMT, Tezpur	B.Tech	4	Repeater	6	3	50.00
GIMT, Tezpur	B.Tech	6	Regular	45	45	100.00
GIMT, Tezpur	B.Tech	6	Repeater	5	3	60.00
GIMT, Tezpur	B.Tech	8	Regular	99	99	100.00
GIMT, Tezpur	B.Tech	8	Repeater	4	2	50.00
GIPS, Azara	B. Pharm	2	Regular	102	96	94.12
GIPS, Azara	B. Pharm	2	Repeater	1	1	100.00
GIPS, Azara	B. Pharm	4	Regular	111	109	98.20
GIPS, Azara	B. Pharm	4	Repeater	2	2	100.00
GIPS, Azara	B. Pharm	6	Regular	109	109	100.00
GIPS, Azara	B. Pharm	8	Regular	99	99	100.00
GIPS, Azara	B. Pharm	8	Repeater	2	2	100.00
GIPS, Azara	B. Pharm (Practice)	2	Regular	22	22	100.00
GIPS, Azara	D. Pharm	2	Regular	61	61	100.00
GIPS, Azara	M. Pharm	4	Regular	15	15	100.00
GIPS, Azara	Ph.D	2	Regular	8	8	100.00
Assam Engineering College	B.E.	2	Repeater	37	35	94.59
Assam Engineering College	B.E.	4	Repeater	106	104	98.11
Assam Engineering College	B.E.	6	Repeater	3	0	0.00
Assam Engineering College	B.E.	8	Regular	433	422	97.46
Assam Engineering College	B.Tech	2	Regular	433	417	96.30
Assam Engineering College	B.Tech	2	Repeater	13	9	69.23



Assam Engineering College	B.Tech	4	Regular	390	389	99.74
Assam Engineering College	B.Tech	4	Repeater	1	1	100.00
Assam Engineering College	B.Tech	6	Regular	433	428	98.85
Assam Engineering College	M.E.	2	Repeater	1	1	100.00
Assam Engineering College	M.E.	4	Regular	1	1	100.00
Assam Engineering College	M.Tech	2	Regular	57	56	98.25
Assam Engineering College	M.Tech	2	Repeater	2	2	100.00
Assam Engineering College	M.Tech	4	Regular	22	22	100.00
Assam Engineering College	MCA	2	Regular	26	24	92.31
Assam Engineering College	MCA	2	Repeater	1	1	100.00
Assam Engineering College	MCA	4	Regular	28	27	96.43
Assam Engineering College	MCA	6	Regular	31	30	96.77
Jorhat Engineering College	B.E.	2	Repeater	33	31	93.94
Jorhat Engineering College	B.E.	4	Repeater	55	55	100.00
Jorhat Engineering College	B.E.	8	Regular	322	317	98.45
Jorhat Engineering College	B.Tech	2	Regular	316	309	97.78
Jorhat Engineering College	B.Tech	2	Repeater	2	2	100.00
Jorhat Engineering College	B.Tech	4	Regular	322	317	98.45
Jorhat Engineering College	B.Tech	4	Repeater	1	0	0.00
Jorhat Engineering College	B.Tech	6	Regular	331	330	99.70
Jorhat Engineering College	M.Tech	2	Regular	24	24	100.00
Jorhat Engineering College	M.Tech	4	Regular	21	15	71.43
Jorhat Engineering College	MCA	2	Regular	28	28	100.00
Jorhat Engineering College	MCA	4	Regular	19	19	100.00
Jorhat Engineering College	MCA	6	Regular	26	26	100.00
Jorhat Engineering College	Ph.D	2	Regular	20	20	100.00
Jorhat Institute of Science & Technology	B.E.	2	Repeater	15	15	100.00
Jorhat Institute of Science & Technology	B.E.	4	Repeater	17	17	100.00
Jorhat Institute of Science & Technology	B.E.	8	Regular	201	200	99.50
Jorhat Institute of Science & Technology	B.Sc. in Chemistry	2	Regular	23	23	100.00
Jorhat Institute of Science & Technology	B.Sc. in Chemistry	4	Regular	27	27	100.00
Jorhat Institute of Science & Technology	B.Sc. in Chemistry	6	Regular	32	32	100.00

Jorhat Institute of Science & Technology	B.Sc. in Information Technology	2	Regular	40	40	100.00
Jorhat Institute of Science & Technology	B.Sc. in Information Technology	4	Regular	54	54	100.00
Jorhat Institute of Science & Technology	B.Sc. in Information Technology	6	Regular	56	56	100.00
Jorhat Institute of Science & Technology	B.Sc. in Mathematics	2	Regular	29	29	100.00
Jorhat Institute of Science & Technology	B.Sc. in Mathematics	4	Regular	21	21	100.00
Jorhat Institute of Science & Technology	B.Sc. in Mathematics	6	Regular	37	37	100.00
Jorhat Institute of Science & Technology	B.Sc. in Physics	2	Regular	20	20	100.00
Jorhat Institute of Science & Technology	B.Sc. in Physics	4	Regular	30	30	100.00
Jorhat Institute of Science & Technology	B.Sc. in Physics	6	Regular	25	25	100.00
Jorhat Institute of Science & Technology	B.Tech	2	Regular	158	158	100.00
Jorhat Institute of Science & Technology	B.Tech	4	Regular	216	214	99.07
Jorhat Institute of Science & Technology	B.Tech	6	Regular	185	184	99.46
Jorhat Institute of Science & Technology	M.Sc in Chemistry	2	Regular	22	22	100.00
Jorhat Institute of Science & Technology	M.Sc in Chemistry	4	Regular	20	20	100.00
Jorhat Institute of Science & Technology	M.Sc in Mathematics	2	Regular	29	29	100.00
Jorhat Institute of Science & Technology	M.Sc in Mathematics	4	Regular	27	27	100.00
Jorhat Institute of Science & Technology	M.Sc in Physics	2	Regular	25	25	100.00
Jorhat Institute of Science & Technology	M.Sc in Physics	4	Regular	21	21	100.00
Jorhat Institute of Science & Technology	Ph.D	2	Regular	6	5	83.33
Bineswar Brahma Engineering College, Kokrajhar	B.E.	2	Repeater	26	21	80.77
Bineswar Brahma Engineering College, Kokrajhar	B.E.	4	Repeater	22	22	100.00
Bineswar Brahma Engineering College, Kokrajhar	B.E.	6	Repeater	1	1	100.00
Bineswar Brahma Engineering College, Kokrajhar	B.E.	8	Regular	108	107	99.07
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	2	Regular	199	195	97.99
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	2	Repeater	9	8	88.89
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	4	Regular	182	182	100.00

Bineswar Brahma Engineering College, Kokrajhar	B.Tech	4	Repeater	11	11	100.00
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	6	Regular	159	155	97.48
Guwahati College of Architecture and Planning, Azara	B. Arch	10	Regular	29	29	100.00
Guwahati College of Architecture and Planning, Azara	B. Arch	2	Regular	23	19	82.61
Guwahati College of Architecture and Planning, Azara	B. Arch	2	Repeater	16	10	62.50
Guwahati College of Architecture and Planning, Azara	B. Arch	4	Regular	11	9	81.82
Guwahati College of Architecture and Planning, Azara	B. Arch	4	Repeater	17	3	17.65
Guwahati College of Architecture and Planning, Azara	B. Arch	6	Regular	23	14	60.87
Guwahati College of Architecture and Planning, Azara	B. Arch	6	Repeater	12	2	16.67
Guwahati College of Architecture and Planning, Azara	B. Arch	8	Regular	19	5	26.32
Guwahati College of Architecture and Planning, Azara	B. Arch	8	Repeater	7	3	42.86
Guwahati College of Architecture and Planning, Azara	M. Plan	2	Regular	10	9	90.00
Guwahati College of Architecture and Planning, Azara	M. Plan	2	Repeater	1	1	100.00
Guwahati College of Architecture and Planning, Azara	M. Plan	4	Regular	14	9	64.29
Central Institute of Technology, Kokrajhar	B. Des	2	Repeater	1	1	100.00
Central Institute of Technology, Kokrajhar	B. Des	6	Regular	28	28	100.00
Central Institute of Technology, Kokrajhar	B. Des	8	Regular	17	17	100.00
Brahmaputra College , Guwahati	B.Sc in Computer Science	2	Repeater	1	1	100.00
Brahmaputra College , Guwahati	B.Sc in Computer Science	4	Regular	5	5	100.00
Brahmaputra College , Guwahati	B.Sc in Computer Science	6	Regular	5	5	100.00
Brahmaputra College , Guwahati	B.Sc. in Applied Physics	4	Regular	4	4	100.00
Brahmaputra College , Guwahati	B.Sc. in Applied Physics	6	Regular	6	6	100.00
Brahmaputra College , Guwahati	B.Sc. in Zoology	2	Regular	7	7	100.00

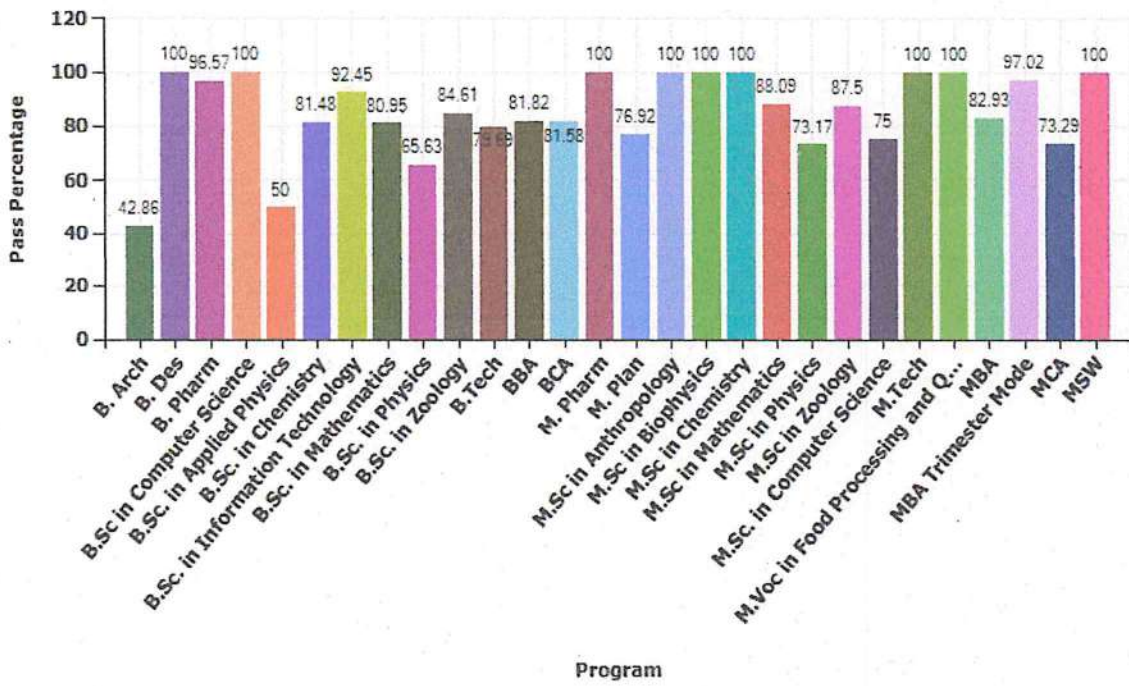
Brahmaputra College , Guwahati	B.Sc. in Zoology	2	Repeater	3	3	100.00
Brahmaputra College , Guwahati	B.Sc. in Zoology	4	Regular	12	12	100.00
Brahmaputra College , Guwahati	B.Sc. in Zoology	6	Regular	8	8	100.00
Brahmaputra College , Guwahati	M.Sc in Applied Physics	4	Regular	4	4	100.00
Brahmaputra College , Guwahati	M.Sc in Zoology	2	Regular	3	3	100.00
Brahmaputra College , Guwahati	M.Sc in Zoology	4	Regular	10	9	90.00
Brahmaputra College , Guwahati	M.Sc in Zoology	4	Repeater	1	1	100.00
Assam Institute of Management , Guwahati	MBA Trimester Mode	2	Regular	67	67	100.00
Assam Institute of Management , Guwahati	MBA Trimester Mode	4	Regular	65	65	100.00
Assam Institute of Management , Guwahati	MBA Trimester Mode	6	Regular	65	65	100.00
Assam Institute of Management , Guwahati	Ph.D	2	Regular	3	3	100.00
Assam Science and Technology University	M.Tech	4	Regular	3	3	100.00
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	2	Regular	56	56	100.00
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	4	Regular	64	64	100.00
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	6	Regular	87	87	100.00
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	8	Regular	38	38	100.00
NERIM, Guwahati	M.Sc. in Computer Science	2	Regular	8	8	100.00
NERIM, Guwahati	M.Sc. in Computer Science	4	Regular	3	3	100.00
NERIM, Mangaldoi	B.Sc. in Physics	2	Repeater	1	1	100.00
NERIM, Mangaldoi	B.Sc. in Physics	4	Regular	2	2	100.00
NERIM, Mangaldoi	B.Sc. in Physics	6	Regular	1	1	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	2	Regular	3	3	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	2	Repeater	3	3	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	4	Regular	2	2	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	6	Regular	4	4	100.00
Barak Valley Engineering College, Karimganj	B.E.	2	Repeater	1	0	0.00

Barak Valley Engineering College, Karimganj	B.E.	4	Repeater	3	3	100.00
Barak Valley Engineering College, Karimganj	B.E.	8	Regular	86	85	98.84
Barak Valley Engineering College, Karimganj	B.Tech	2	Regular	157	152	96.82
Barak Valley Engineering College, Karimganj	B.Tech	2	Repeater	2	2	100.00
Barak Valley Engineering College, Karimganj	B.Tech	4	Regular	58	57	98.28
Barak Valley Engineering College, Karimganj	B.Tech	6	Regular	53	53	100.00
Scholars Institute of Technology and Management, Guwahati	B.E.	2	Repeater	1	1	100.00
Scholars Institute of Technology and Management, Guwahati	B.E.	4	Repeater	8	8	100.00
Scholars Institute of Technology and Management, Guwahati	B.E.	8	Regular	31	30	96.77
Scholars Institute of Technology and Management, Guwahati	B.Tech	2	Regular	13	13	100.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	4	Regular	40	40	100.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	4	Repeater	2	1	50.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	6	Regular	29	29	100.00
Scholars Institute of Technology and Management, Guwahati	BCA	2	Regular	4	4	100.00
Pratiksha Institute of Pharmaceutical Sciences	B. Pharm	2	Regular	56	55	98.21
Pratiksha Institute of Pharmaceutical Sciences	B. Pharm	4	Regular	59	56	94.92
Pratiksha Institute of Pharmaceutical Sciences	B. Pharm	6	Regular	44	44	100.00
Golaghat Engineering College	B.Tech	2	Regular	155	155	100.00
Golaghat Engineering College	B.Tech	4	Regular	38	38	100.00
Golaghat Engineering College	B.Tech	6	Regular	87	85	97.70
North Eastern Regional Institute of Water and Land Management	M.Tech	2	Regular	9	9	100.00

North Eastern Regional Institute of Water and Land Management	M.Tech	4	Regular	10	10	100.00
Pub Kamrup College	Integrated M.Sc in Biophysics	2	Regular	8	8	100.00
Pub Kamrup College	M.Sc in Biophysics	2	Regular	5	5	100.00
Pub Kamrup College	M.Sc in Physics	2	Regular	16	16	100.00
Pub Kamrup College	M.Sc in Physics	4	Regular	17	17	100.00
Pub Kamrup College	M.Sc in Zoology	2	Regular	23	23	100.00
Pub Kamrup College	M.Sc. in Computer Science	2	Regular	6	6	100.00
Pub Kamrup College	M.Sc. in Computer Science	4	Regular	6	6	100.00
Pub Kamrup College	M.Voc in Food Processing and Quality Management	2	Regular	16	16	100.00
Rahman Institute of Pharmaceutical Sciences and Research, Guwahati	B. Pharm	2	Regular	36	36	100.00
Rahman Institute of Pharmaceutical Sciences and Research, Guwahati	B. Pharm	4	Regular	52	50	96.15
Rahman Institute of Pharmaceutical Sciences and Research, Guwahati	D. Pharm	2	Regular	54	54	100.00
Silapathar Science College, Silapathar	M.Sc in Botany	2	Regular	15	13	86.67
Silapathar Science College, Silapathar	M.Sc in Zoology	2	Regular	14	14	100.00
C. T. College, Tinsukia	BBA	2	Regular	6	6	100.00
C. T. College, Tinsukia	BCA	2	Regular	4	4	100.00
North East Institute of Management and Science, Jorhat	BTM	2	Regular	3	3	100.00
North East Institute of Management and Science, Jorhat	MSW	2	Regular	2	2	100.00
National Institute of Electronics and Information Technology, Guwahati	BCA	2	Regular	10	10	100.00
National Institute of Electronics and Information Technology, Guwahati	M.Sc. in Computer Science	2	Regular	8	8	100.00
Girijananda Chowdhury Institute of Pharmaceutical Science, Tezpur	B. Pharm	2	Regular	56	56	100.00
Daffodil College of Horticulture	B.Sc (Honours) in Horticulture	2	Regular	10	10	100.00
Dhemaji Engineering College	B.Tech	2	Regular	126	126	100.00
Dibrugarh Hanumanbax Surajmall Kanoi College	M.Sc in Anthropology	2	Regular	2	2	100.00
Dibrugarh Hanumanbax Surajmall Kanoi College	M.Sc in Mathematics	2	Regular	13	13	100.00

**Program-Wise Graduation Statistics for Year : 2022**

SL. No.	Program	Appeared	Passed	Pass%
1	B. Arch	28	12	42.86
2	B. Des	28	28	100.00
3	B. Pharm	233	225	96.57
4	B.Sc in Computer Science	5	5	100.00
5	B.Sc. in Applied Physics	4	2	50.00
6	B.Sc. in Chemistry	27	22	81.48
7	B.Sc. in Information Technology	53	49	92.45
8	B.Sc. in Mathematics	21	17	80.95
9	B.Sc. in Physics	32	21	65.63
10	B.Sc. in Zoology	13	11	84.61
11	B.Tech	1566	1248	79.69
12	BBA	11	9	81.82
13	BCA	38	31	81.58
14	M. Pharm	1	1	100.00
15	M. Plan	13	10	76.92
16	M.Sc in Anthropology	2	2	100.00
17	M.Sc in Biophysics	5	5	100.00
18	M.Sc in Chemistry	21	21	100.00
19	M.Sc in Mathematics	42	37	88.09
20	M.Sc in Physics	41	30	73.17
21	M.Sc in Zoology	40	35	87.50
22	M.Sc. in Computer Science	20	15	75.00
23	M.Tech	14	14	100.00
24	M.Voc in Food Processing and Quality Management	16	16	100.00
25	MBA	41	34	82.93
26	MBA Trimester Mode	67	65	97.02
27	MCA	146	107	73.29
28	MSW	2	2	100.00







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## **PROGRAM-WISE GRADUATION STATISTICS FOR THE YEAR: 2022 (BATCH-WISE)**

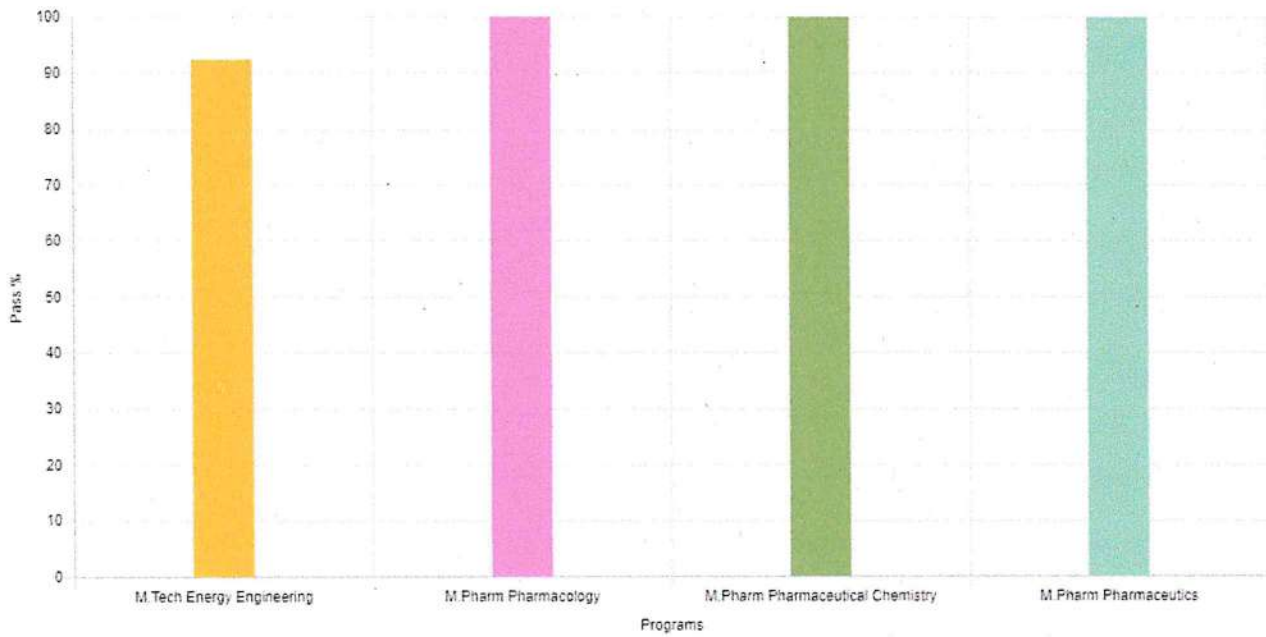
SL No.	PROGRAM	TOTAL APPEARED	TOTAL PASSED	PASS %
1	M.Tech Energy Engineering	13	12	92.31
2	M.Pharm Pharmacology	14	14	100.00
3	M.Pharm Pharmaceutical Chemistry	7	7	100.00
4	M.Pharm Pharmaceutics	13	13	100.00



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## PROGRAM-WISE GRADUATION STATISTICS FOR THE YEAR: 2022 (BATCH-WISE)



**Semester-Wise Result Statistics for Year : 2022**

College	program	Semester	Exam Type	Appeared	Passed	Pass %
RSET, Guwahati	B.Tech	2	Repeater	4	2	50.00
RSET, Guwahati	B.Tech	4	Repeater	6	2	33.33
RSET, Guwahati	B.Tech	6	Repeater	6	3	50.00
RSET, Guwahati	B.Tech	8	Repeater	5	4	80.00
GIMT, Azara	B.Tech	8	Regular	244	227	93.03
GIMT, Azara	B.Tech	8	Repeater	2	2	100.00
GIMT, Azara	BBA	6	Regular	11	10	90.91
GIMT, Azara	BCA	6	Regular	38	37	97.37
GIMT, Azara	M.Tech	4	Regular	8	8	100.00
GIMT, Azara	MBA	4	Regular	41	38	92.68
GIMT, Azara	MCA	4	Regular	22	16	72.73
GIMT, Azara	MCA	6	Regular	25	25	100.00
GIMT, Tezpur	B.Tech	2	Repeater	3	1	33.33
GIMT, Tezpur	B.Tech	4	Repeater	4	2	50.00
GIMT, Tezpur	B.Tech	6	Regular	48	22	45.83
GIMT, Tezpur	B.Tech	6	Repeater	2	2	100.00
GIMT, Tezpur	B.Tech	8	Regular	45	43	95.56
GIPS, Azara	B. Pharm	4	Regular	112	81	72.32
GIPS, Azara	B. Pharm	4	Repeater	1	1	100.00
GIPS, Azara	B. Pharm	6	Regular	108	76	70.37
GIPS, Azara	B. Pharm	6	Repeater	1	0	0.00
GIPS, Azara	B. Pharm	8	Regular	106	102	96.23
GIPS, Azara	D. Pharm	2	Regular	55	50	90.91
Assam Engineering College	B.Tech	8	Regular	429	415	96.74
Assam Engineering College	M.Tech	4	Regular	6	6	100.00
Assam Engineering College	MCA	4	Regular	25	19	76.00
Assam Engineering College	MCA	6	Regular	27	26	96.30
Jorhat Engineering College	B.Tech	2	Repeater	7	0	0.00
Jorhat Engineering College	B.Tech	4	Regular	335	263	78.51

Jorhat Engineering College	B.Tech	4	Repeater	2	0	0.00
Jorhat Engineering College	B.Tech	6	Regular	318	264	83.02
Jorhat Engineering College	B.Tech	8	Regular	331	322	97.28
Jorhat Engineering College	MCA	4	Regular	28	22	78.57
Jorhat Engineering College	MCA	6	Regular	19	19	100.00
Jorhat Engineering College	Ph.D	2	Regular	9	9	100.00
Jorhat Institute of Science & Technology	B.Sc. in Chemistry	4	Regular	21	14	66.67
Jorhat Institute of Science & Technology	B.Sc. in Chemistry	6	Regular	27	25	92.59
Jorhat Institute of Science & Technology	B.Sc. in Information Technology	4	Regular	39	32	82.05
Jorhat Institute of Science & Technology	B.Sc. in Information Technology	6	Regular	53	50	94.34
Jorhat Institute of Science & Technology	B.Sc. in Mathematics	4	Regular	27	23	85.19
Jorhat Institute of Science & Technology	B.Sc. in Mathematics	6	Regular	21	21	100.00
Jorhat Institute of Science & Technology	B.Sc. in Physics	4	Regular	18	16	88.89
Jorhat Institute of Science & Technology	B.Sc. in Physics	6	Regular	30	26	86.67
Jorhat Institute of Science & Technology	B.Tech	4	Regular	173	83	47.98
Jorhat Institute of Science & Technology	B.Tech	6	Regular	212	135	63.68
Jorhat Institute of Science & Technology	B.Tech	8	Regular	181	171	94.48
Jorhat Institute of Science & Technology	M.Sc in Chemistry	4	Regular	21	21	100.00
Jorhat Institute of Science & Technology	M.Sc in Mathematics	4	Regular	29	28	96.55
Jorhat Institute of Science & Technology	M.Sc in Physics	4	Regular	25	21	84.00
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	2	Repeater	6	0	0.00
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	4	Regular	213	76	35.68
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	4	Repeater	1	0	0.00
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	6	Regular	180	129	71.67
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	6	Repeater	2	0	0.00
Bineswar Brahma Engineering College, Kokrajhar	B.Tech	8	Regular	154	151	98.05
Guwahati College of Architecture and Planning, Azara	B. Arch	10	Regular	19	17	89.47

Guwahati College of Architecture and Planning, Azara	B. Arch	10	Repeater	1	1	100.00
Guwahati College of Architecture and Planning, Azara	B. Arch	2	Repeater	8	3	37.50
Guwahati College of Architecture and Planning, Azara	B. Arch	4	Regular	22	8	36.36
Guwahati College of Architecture and Planning, Azara	B. Arch	4	Repeater	17	6	35.29
Guwahati College of Architecture and Planning, Azara	B. Arch	6	Regular	11	4	36.36
Guwahati College of Architecture and Planning, Azara	B. Arch	6	Repeater	16	8	50.00
Guwahati College of Architecture and Planning, Azara	B. Arch	8	Regular	23	8	34.78
Guwahati College of Architecture and Planning, Azara	B. Arch	8	Repeater	15	7	46.67
Guwahati College of Architecture and Planning, Azara	M. Plan	2	Repeater	1	1	100.00
Guwahati College of Architecture and Planning, Azara	M. Plan	4	Regular	8	8	100.00
Guwahati College of Architecture and Planning, Azara	M. Plan	4	Repeater	5	3	60.00
Central Institute of Technology, Kokrajhar	B. Des	8	Regular	28	28	100.00
Brahmaputra College , Guwahati	B.Sc in Computer Science	6	Regular	5	5	100.00
Brahmaputra College , Guwahati	B.Sc. in Applied Physics	6	Regular	4	3	75.00
Brahmaputra College , Guwahati	B.Sc. in Zoology	4	Regular	7	4	57.14
Brahmaputra College , Guwahati	B.Sc. in Zoology	6	Regular	11	10	90.91
Brahmaputra College , Guwahati	M.Sc in Zoology	4	Regular	3	2	66.67
Assam Institute of Management , Guwahati	MBA Trimester Mode	2	Regular	39	37	94.87
Assam Institute of Management , Guwahati	MBA Trimester Mode	6	Regular	67	67	100.00
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	4	Regular	60	44	73.33
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	6	Regular	64	39	60.94
Netes Institute of Pharmaceutical Science, Mirza	B. Pharm	8	Regular	80	79	98.75
NERIM, Guwahati	M.Sc. in Computer Science	4	Regular	6	6	100.00

NERIM, Mangaldoi	B.Sc. in Physics	6	Regular	2	2	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	4	Regular	2	2	100.00
NERIM, Mangaldoi	B.Sc. in Zoology	6	Regular	2	2	100.00
Barak Valley Engineering College, Karimganj	B.Tech	2	Repeater	4	3	75.00
Barak Valley Engineering College, Karimganj	B.Tech	4	Regular	208	74	35.58
Barak Valley Engineering College, Karimganj	B.Tech	4	Repeater	1	0	0.00
Barak Valley Engineering College, Karimganj	B.Tech	6	Regular	58	28	48.28
Barak Valley Engineering College, Karimganj	B.Tech	8	Regular	53	53	100.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	4	Regular	89	29	32.58
Scholars Institute of Technology and Management, Guwahati	B.Tech	4	Repeater	1	1	100.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	6	Regular	40	14	35.00
Scholars Institute of Technology and Management, Guwahati	B.Tech	8	Regular	28	19	67.86
Scholars Institute of Technology and Management, Guwahati	BCA	4	Regular	4	2	50.00
Pratiksha Institute of Pharmaceutical Sciences	B. Pharm	4	Regular	60	45	75.00
Pratiksha Institute of Pharmaceutical Sciences	B. Pharm	6	Regular	62	51	82.26
Pratiksha Institute of Pharmaceutical Sciences	B. Pharm	8	Regular	44	44	100.00
Golaghat Engineering College	B.Tech	4	Regular	166	59	35.54
Golaghat Engineering College	B.Tech	6	Regular	38	12	31.58
Golaghat Engineering College	B.Tech	8	Regular	86	78	90.70
Pub Kamrup College	Integrated M.Sc in Biophysics	4	Regular	7	7	100.00
Pub Kamrup College	M.Sc in Biophysics	4	Regular	5	5	100.00
Pub Kamrup College	M.Sc in Physics	4	Regular	16	12	75.00
Pub Kamrup College	M.Sc in Zoology	4	Regular	23	21	91.30
Pub Kamrup College	M.Sc. in Computer Science	4	Regular	6	4	66.67

Pub Kamrup College	M.Voc in Food Processing and Quality Management	4	Regular	16	16	100.00
Rahman Institute of Pharmaceutical Sciences and Research, Guwahati	B. Pharm	4	Regular	38	17	44.74
Rahman Institute of Pharmaceutical Sciences and Research, Guwahati	B. Pharm	6	Regular	47	24	51.06
Rahman Institute of Pharmaceutical Sciences and Research, Guwahati	D. Pharm	2	Regular	55	49	89.09
Silapathar Science College, Silapathar	M.Sc in Zoology	4	Regular	14	12	85.71
C. T. College, Tinsukia	BBA	4	Regular	6	4	66.67
C. T. College, Tinsukia	BCA	4	Regular	4	3	75.00
North East Institute of Management and Science, Jorhat	BTM	4	Regular	3	3	100.00
North East Institute of Management and Science, Jorhat	MSW	4	Regular	2	2	100.00
National Institute of Electronics and Information Technology, Guwahati	BCA	4	Regular	6	5	83.33
National Institute of Electronics and Information Technology, Guwahati	M.Sc. in Computer Science	4	Regular	8	8	100.00
Girijananda Chowdhury Institute of Pharmaceutical Science, Tezpur	B. Pharm	4	Regular	57	41	71.93
Girijananda Chowdhury Institute of Pharmaceutical Science, Tezpur	D. Pharm	2	Regular	43	39	90.70
Daffodil College of Horticulture	B.Sc (Honours) in Horticulture	4	Regular	10	10	100.00
Dhemaji Engineering College	B.Tech	4	Regular	139	72	51.80
Dibrugarh Hanumanbax Surajmall Kanoi College	M.Sc in Anthropology	4	Regular	2	2	100.00
Dibrugarh Hanumanbax Surajmall Kanoi College	M.Sc in Mathematics	4	Regular	13	9	69.23



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### SEMESTER-WISE RESULT STATISTICS FOR THE YEAR: 2022

Sl	SESSION	INSTITUTE	PROGRAM	SEM	TYPE	TA	TP	PASS %
1	2022 Even	Assam Science and Technology University, Guwahati	M.Tech Energy Engineering	4	Regular	13	12	92.31
2	2022 Even	Barak Valley Engineering College, Karimganj	B.Tech Mechanical Engineering	2	Regular	29	11	37.93
3	2022 Even	Barak Valley Engineering College, Karimganj	B.Tech Computer Science and Engineering	2	Regular	41	20	48.78
4	2022 Even	Barak Valley Engineering College, Karimganj	B.Tech Electronics and Telecommunication Engineering.	2	Regular	27	9	33.33
5	2022 Even	Barak Valley Engineering College, Karimganj	B.Tech Civil Engineering	2	Regular	39	13	33.33
6	2022 Even	Bineswar Brahma Engineering College, Kokrajhar	B.Tech Civil Engineering	2	Regular	65	18	27.69
7	2022 Even	Bineswar Brahma Engineering College, Kokrajhar	B.Tech Chemical Engineering	2	Regular	48	12	25.00
8	2022 Even	Bineswar Brahma Engineering College, Kokrajhar	B.Tech Mechanical Engineering	2	Regular	45	12	26.67
9	2022 Even	Bineswar Brahma Engineering College, Kokrajhar	B.Tech Electrical Engineering	2	Regular	50	9	18.00
10	2022 Even	C.T.COLLEGE, TINSUKIA	BCA	2	Regular	10	5	50.00



11	2022 Even	C. T. COLLEGE, TINSUKIA	BBA	2	Regular	2	2	100.00
12	2022 Even	DAFFODIL COLLEGE OF HORTICULTURE, GUWAHATI	B.Sc (Hons.) Horticulture	2	Regular	11	11	100.00
13	2022 Even	Dhemaji Engineering College, Dhemaji	B.Tech Mechanical Engineering	2	Regular	48	20	41.67
14	2022 Even	Dhemaji Engineering College, Dhemaji	B.Tech Civil Engineering	2	Regular	55	34	61.82
15	2022 Even	Dhemaji Engineering College, Dhemaji	B.Tech Computer Science and Engineering	2	Regular	48	26	54.17
16	2022 Even	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati	M.Pharm Pharmacology	2	Regular	15	15	100.00
17	2022 Even	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati	M.Pharm Pharmacology	4	Regular	14	14	100.00
18	2022 Even	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati	M.Pharm Pharmaceutical Chemistry	2	Regular	15	14	93.33
19	2022 Even	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati	M.Pharm Pharmaceutical Chemistry	4	Regular	7	7	100.00
20	2022 Even	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati	M.Pharm Pharmaceutics	2	Regular	14	14	100.00
21	2022 Even	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati	M.Pharm Pharmaceutics	4	Regular	13	13	100.00
22	2022 Even	Girijananda Chowdhury Institute of Pharmaceutical Science, Guwahati	B.Pharm	2	Regular	99	58	58.59
23	2022 Even	Girijananda Chowdhury Institute of Pharmaceutical Science, Tezpur	B.Pharm	2	Regular	60	47	78.33
24	2022 Even	Golaghat Engineering College, Golaghat	B.Tech Mechanical Engineering	2	Regular	52	30	57.69
25	2022 Even	Golaghat Engineering College, Golaghat	B.Tech Chemical Engineering	2	Regular	44	20	45.45
26	2022 Even	Golaghat Engineering College, Golaghat	B.Tech Civil Engineering	2	Regular	53	33	62.26
27	2022 Even	Guwahati College of Architecture and Planning, Azara	M.Plan Urban and Regional Planning	2	Regular	9	7	77.78

28	2022 Even	Guwahati College of Architecture and Planning, Azara	B.Arch	2	Regular	12	5	41.67
29	2022 Even	Jorhat Engineering College, Jorhat	B.Tech Instrumentation Engineering	2	Regular	18	9	50.00
30	2022 Even	Jorhat Engineering College, Jorhat	B.Tech Civil Engineering	2	Regular	76	54	71.05
31	2022 Even	Jorhat Engineering College, Jorhat	B.Tech Electrical Engineering	2	Regular	55	30	54.55
32	2022 Even	Jorhat Engineering College, Jorhat	B.Tech Computer Science and Engineering	2	Regular	49	38	77.55
33	2022 Even	Jorhat Engineering College, Jorhat	B.Tech Mechanical Engineering	2	Regular	77	53	68.83
34	2022 Even	Jorhat Institute of Science & Technology, Jorhat	M.Sc Mathematics	2	Regular	30	26	86.67
35	2022 Even	Jorhat Institute of Science & Technology, Jorhat	B.Tech Electronics and Telecommunication Engineering	2	Regular	27	15	55.56
36	2022 Even	Jorhat Institute of Science & Technology, Jorhat	B.Tech Mechanical Engineering	2	Regular	44	22	50.00
37	2022 Even	Jorhat Institute of Science & Technology, Jorhat	B.Tech Civil Engineering	2	Regular	37	23	62.16
38	2022 Even	Jorhat Institute of Science & Technology, Jorhat	B.Tech Power Electronics and Instrumentation	2	Regular	32	10	31.25
39	2022 Even	Jorhat Institute of Science & Technology, Jorhat	B.Sc Information Technology	2	Regular	41	22	53.66
40	2022 Even	Jorhat Institute of Science & Technology, Jorhat	B.Sc Chemistry	2	Regular	43	28	65.12
41	2022 Even	Jorhat Institute of Science & Technology, Jorhat	B.Sc Physics	2	Regular	23	13	56.52
42	2022 Even	Jorhat Institute of Science & Technology, Jorhat	B.Sc Mathematics	2	Regular	28	13	46.43
43	2022 Even	Jorhat Institute of Science & Technology, Jorhat	M.Sc Chemistry	2	Regular	21	19	90.48

44	2022 Even	Jorhat Institute of Science & Technology, Jorhat	M.Sc Physics	2	Regular	24	14	58.33
45	2022 Even	NORTH EAST INSTITUTE OF MANAGEMENT SCIENCE (NEIMS), JORHAT	MSW	2	Regular	14	14	100.00
46	2022 Even	NORTH EAST INSTITUTE OF MANAGEMENT SCIENCE (NEIMS), JORHAT	BTM	2	Regular	4	4	100.00
47	2022 Even	NORTH EAST INSTITUTE OF MANAGEMENT SCIENCE (NEIMS), JORHAT	MTM	2	Regular	8	7	87.50
48	2022 Even	National Institute of Electronics and Information Technology, Guwahati	BCA	2	Regular	6	5	83.33
49	2022 Even	Netes Institute of Pharmaceutical Science, Mirza	B.Pharm	2	Regular	57	32	56.14
50	2022 Even	Netes Institute of Technology and Science, Mirza	Masters in Hospital Administration	2	Regular	23	22	95.65
51	2022 Even	Pratiksha Institute of Pharmaceutical Sciences, Guwahati	B.Pharm	2	Regular	59	43	72.88
52	2022 Even	Pub Kamrup College, Guwahati	M.Sc Physics	2	Regular	13	10	76.92
53	2022 Even	Pub Kamrup College, Guwahati	M.Sc Zoology	2	Regular	21	21	100.00
54	2022 Even	Pub Kamrup College, Guwahati	M.Sc Biophysics	2	Regular	4	4	100.00
55	2022 Even	Pub Kamrup College, Guwahati	Integrated M.Sc Biophysics	2	Regular	1	1	100.00
56	2022 Even	Pub Kamrup College, Guwahati	M.Sc Computer Science	2	Regular	3	2	66.67
57	2022 Even	Rahman Institute of Pharmaceutical Sciences and Research, Guwahati	B.Pharm	2	Regular	53	29	54.72
58	2022 Even	Scholars Institute of Technology and Management, Guwahati	B.Tech Computer Science and Engineering	2	Regular	9	7	77.78

59	2022 Even	Scholars Institute of Technology and Management, Guwahati	B. Tech Electrical and Electronics Engineering	2	Regular	1	1	100.00
60	2022 Even	Scholars Institute of Technology and Management, Guwahati	BCA	2	Regular	22	3	13.64
61	2022 Even	Scholars Institute of Technology and Management, Guwahati	B. Tech Mechanical Engineering	2	Regular	5	1	20.00
62	2022 Even	Scholars Institute of Technology and Management, Guwahati	B. Tech Civil Engineering	2	Regular	12	5	41.67
63	2022 Even	Silapathar Science College, Silapathar	M.Sc Zoology	2	Regular	14	11	78.57
64	2022 Even	Silapathar Science College, Silapathar	M.Sc Botany	2	Regular	13	8	61.54

# **Government Entrusted Examinations**

Combined Entrance Examination (CEE)

Joint Lateral Entry Examination (JLEE) and Joint MCA Entrance  
Examination (JMEE)

### **Combined Entrance Examination (CEE-2021)**

As authorized by Govt. of Assam, Combined Entrance Examination (CEE) has been conducted in nine (09) districts of the state of Assam, for admission into 1st Semester of B.Tech.Programmes in the Engineering Colleges of Assam, for the Academic Session 2021-22.

Variable data printed OMR answer sheet was used in this examination. The examination was of Multiple Choice Questions (MCQ) type and comprised of a Single Paper of 3 (three) hours duration with **three (03) different subjects**, viz. Mathematics, Physics and Chemistry. Following was the marks distribution:

- |    |             |   |              |
|----|-------------|---|--------------|
| a) | Mathematics | : | 40 Questions |
| b) | Physics     | : | 40 Questions |
| c) | Chemistry   | : | 40 Questions |

Total seven thousand seven hundred nine (7709) candidates have been enrolled for the said examination. CEE-2021 was conducted successfully on 29<sup>th</sup> August, 2021 in 43 centres. The result was declared on 6<sup>th</sup> September, 2021.

**Joint Lateral Entry Examination (JLEE), 2021 and Joint MCA Entrance Examination (JMEE-2021)**

As authorized by Govt. of Assam, Joint Lateral Entry Examination (JLEE), 2021 for admission to 3<sup>rd</sup> Semester B. Tech. Programme in the Engineering Colleges of Assam and Joint MCA Entrance Examination (JMEE-2021) for Admission into 1st Semester of MCA Programme, have been conducted for the Academic Session 2021-22.

Variable data printed OMR answer sheet was used in this examination. The examination was of Multiple Choice Questions (MCQ) type and comprised of a Single Paper of 3 (three) hours duration.

JLEE-2021 was conducted with **twelve (12) different subjects**, viz. Mathematics, Basics of Computer Science, Engineering Graphics and Branch of Engineering (**09 branches**). Following was the marks distribution:

a)	Mathematics	30 Questions
b)	Basics of Computer Science	10 Questions
c)	Engineering Graphics	10 Questions
d)	Branch of Engineering ( <b>09 branches</b> )	50 Questions

JMEE-2021 was conducted with **four (04) different subjects**, viz. Mathematics, Reasoning, English and Fundamentals of Computing. Following was the marks distribution

a)	Mathematics	30 Questions
b)	Reasoning	30 Questions
c)	English	20 Questions
d)	Fundamentals of Computing	20 Questions

Total seven one thousand six hundred eighty eight (1688) candidates have been enrolled for the JLEE-2021 and Three hundred fifty four (354) candidates have been enrolled for the JMEE-2021. JLEE-2021 and JMEE-2021 were conducted successfully on 26<sup>th</sup> September, 2021 in 13 centres. The result was declared on 6<sup>th</sup> October, 2021.

**CEE 2021**

Sl. No.	No. of Candidates Enrolled	No. of Candidates Appeared	No. of Candidates Absent	Percentage of Present Candidates	Percentage of Absent Candidates
1	7709	6732	977	87.33	12.67

Sl. No.	No. of Male Candidates Appeared	No. of Female Candidates Appeared	Percentage of Male Candidates	Percentage of Female Candidates
1	4673	2059	69.41	30.59



## JLEE 2021

Sl. No.	No. of Candidates Enrolled	No. of Candidates Appeared	No. of Candidates Absent	Percentage of Present Candidates
1	1688	1628	60	96.45

Sl. No.	No. of Male Candidates Appeared	No. of Female Candidates Appeared	Percentage of Male Candidates	Percentage of Female Candidates
1	1259	369	77.33	22.67

stream_applied	No. of Candidates Enrolled	No. of Candidates Appeared
CHEMICAL ENGINEERING	69	68
CIVIL ENGINEERING	679	658
COMPUTER ENGINEERING	76	74
ELECTRICAL ENGINEERING	324	316
ELECTRONICS AND TELECOMMUNICATION ENGINEERING	89	86
INDUSTRIAL AND PRODUCTION ENGINEERING	3	2
INSTRUMENTATION ENGINEERING	53	47
MECHANICAL ENGINEERING	385	367
POWER ELECTRONICS & INSTRUMENTATION ENGINEERING	10	10
<b>TOTAL</b>	<b>1688</b>	<b>1628</b>

**JMEE 2021**

Sl. No.	No. of Candidates Enrolled	No. of Candidates Appeared	No. of Candidates Absent	Percentage of Present Candidates	Percentage of Absent Candidates
1	354	333	21	94.07	5.93

Sl. No.	No. of Male Candidates Appeared	No. of Female Candidates Appeared	Percentage of Male Candidates	Percentage of Female Candidates
1	255	78	76.58	23.42

### **Combined Entrance Examination (CEE), 2022**

As authorized by Govt. of Assam, Combined Entrance Examination (CEE) has been conducted in nine (09) districts of the state of Assam, for admission into 1st Semester of B.Tech.Programmes in the Engineering Colleges of Assam, for the Academic Session 2022-23.

Variable data printed OMR answer sheet was used in this examination. The examination was of Multiple Choice Questions (MCQ) type and comprised of a Single Paper of 3 (three) hours duration with **three (03) different subjects**, viz. Mathematics, Physics and Chemistry. Following was the marks distribution:

- |    |             |   |              |
|----|-------------|---|--------------|
| a) | Mathematics | : | 40 Questions |
| b) | Physics     | : | 40 Questions |
| c) | Chemistry   | : | 40 Questions |

Total seven thousand seven hundred sixty-three (7763) candidates have been enrolled for the said examination. CEE-2022 was conducted successfully on 31<sup>st</sup> July, 2022 in 13 examination centres. The result was declared on 9<sup>th</sup> August, 2022.

**Joint Lateral Entry Examination (JLEE), 2022 and Joint MCA Entrance Examination (JMEE) 2022**

As authorized by Govt. of Assam, Joint Lateral Entry Examination (JLEE), 2022, for admission to 3<sup>rd</sup> Semester B. Tech. Programme in the Engineering Colleges of Assam and Joint MCA Entrance Examination (JMEE), 2022, for Admission into 1<sup>st</sup> Semester of MCA Programme, have been conducted for the Academic Session 2022-23.

Variable data printed OMR answer sheet was used in this examination. The examination was of Multiple Choice Questions (MCQ) type and comprised of a Single Paper of 3 (three) hours duration.

JLEE-2022 was conducted with **twelve (12) different subjects**, viz. Mathematics, Basics of Computer Science, Engineering Graphics and Branch of Engineering (**09 branches**). Following was the marks distribution:

a)	Mathematics	30 Questions
b)	Basics of Computer Science	10 Questions
c)	Engineering Graphics	10 Questions
d)	Branch of Engineering ( <b>09 branches</b> )	50 Questions

JMEE-2022 was conducted with **four (04) different subjects**, viz. Mathematics, Reasoning, English and Fundamentals of Computing. Following was the marks distribution

a)	Mathematics	30 Questions
b)	Reasoning	30 Questions
c)	English	20 Questions
d)	Fundamentals of Computing	20 Questions

Total two thousand fifty six (2056) candidates have been enrolled for the JLEE-2022 and three hundred seventy four (374) candidates have been enrolled for the JMEE-2021. JLEE-2022 and JMEE-2022 were conducted successfully on 7<sup>th</sup> August, 2022 in 05 examination centres. The result was declared on 16<sup>th</sup> August, 2022.

**CEE 2022**

Sl. No.	No. of Candidates Enrolled	No. of Candidates Appeared	No. of Candidates Absent	Percentage of Present Candidates	Percentage of Absent Candidates
1	7763	6143	1620	79.13	20.87

Sl. No.	No. of Male Candidates Appeared	No. of Female Candidates Appeared	Percentage of Male Candidates	Percentage of Female Candidates
1	4347	1796	70.76	29.24

## JLEE 2022

Sl. No.	No. of Candidates Enrolled	No. of Candidates Appeared	No. of Candidates Absent	Percentage of Present Candidates
1	2056	1900	156	92.41

Sl. No.	No. of Male Candidates Appeared	No. of Female Candidates Appeared	Percentage of Male Candidates	Percentage of Female Candidates
1	1450	450	76.32	23.68

stream_applied	No. of Candidates Enrolled	No. of Candidates Appeared
CHEMICAL ENGINEERING	124	111
CIVIL ENGINEERING	848	796
COMPUTER ENGINEERING	101	93
ELECTRICAL ENGINEERING	355	324
ELECTRONICS AND TELECOMMUNICATION ENGINEERING	94	89
INDUSTRIAL AND PRODUCTION ENGINEERING	5	5
INSTRUMENTATION ENGINEERING	46	46
MECHANICAL ENGINEERING	473	427
POWER ELECTRONICS & INSTRUMENTATION ENGINEERING	10	9
<b>TOTAL</b>	<b>2056</b>	<b>1900</b>

**JMEE 2022**

Sl. No.	No. of Candidates Enrolled	No. of Candidates Appeared	No. of Candidates Absent	Percentage of Present Candidates	Percentage of Absent Candidates
1	374	326	48	87.17	12.83

Sl. No.	No. of Male Candidates Appeared	No. of Female Candidates Appeared	Percentage of Male Candidates	Percentage of Female Candidates
1	252	74	77.30	22.70

**Report on**

**National Academic Depository (NAD)**



### **National Academic Depository (NAD)**

Assam Science and Technology University (ASTU) has started the process of digitalization of academic records with National Academic Depository (NAD), in accordance with the direction of the Ministry of Human Resource Development (MHRD), Government of India and University Grants Commission (UGC). The University is presently registered with DigiLocker NAD and uploaded 1572 nos. of original certificate data after the 1st Convocation.

**Report on  
National Service Scheme (NSS), Cell**

**Name of the NSS Cell – Assam Science and Technology University, Guwahati**

ASTU has received approval from the Director, Sports and Youth Welfare, Assam on 29<sup>th</sup> February and sanctioned its 10 units on 11<sup>th</sup> and 16<sup>th</sup> March, 2020.

**Number of NSS Units- 10**

SL NO.	Name of the Units:
1	Assam Engineering College, Guwahati
2	Jorhat Institute of Science and Technology
3	Barak Valley Engineering College
4	Bineswar Brahma Engineering College
5	Girijananda Choudhury Institute of Management and Technology (GIMT), Azara
6	Girijananda Choudhury Institute of Pharmaceutical Science (GIPS)
7	NETES Institute of Pharmaceutical Sciences
8	Pratiksha Institute of Pharmaceutical Sciences (PIPS)
9	Golaghat Engineering College
10	Dhemaji Engineering College

- Note:** 1. Two NSS units, namely Girijananda Choudhury Institute of Management and Technology (GIMT), Tezpur and Guwahati College of Architecture and Planning (GCAP) have been withdrawn from the year 2022-23
2. Two new NSS units have been sanctioned to Dhemaji Engineering College & Golaghat Engineering College from 2022-23 (1 unit /college)

**Number of Programme Officers- 10**

**Total number of enrolled volunteers for 2021-22: 886**

Number of **Female** volunteers: 286

Number of **Male** volunteers: 600

**Units situated at: 6 districts** of Assam (Kamrup, Kamrup Metro, Jorhat, Karimganj, Dhemaji & Golaghat)

**Financial Status:**

- Total Grant received for 2020-21 and 2021-22: 427500 + 475000 = **Rs. 9,02,500**
- Total Grant Released to the units: **Rs. 6,78,930**
- Procurement of NSS stationery materials for the NSS volunteers of 10 units- **Rs. 1,52,700**
- Contingency: **Rs. 6620**
- NSS Meeting: **Rs. 1030**
- Balance: **Rs. 63,220**

**Orientation of Programme Officers (POs):** 5 POs are trained at present.

Village adopted by **5 units**

**Advisory Committee Meeting:** The 1<sup>st</sup> Advisory Committee meeting of NSS of Assam Science and Technology University was held on **31<sup>st</sup> August, 2022**. The minutes of the meeting is enclosed herewith.



# ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

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Tetelia Road, Near Assam Engineering College, Jalukbari, Guwahati-781013, Assam  
Website: www.astu.ac.in

No. ASTU/NSS/2017/306/ 7218

Date: 14/09/2022

## Minutes of the 1<sup>st</sup> Advisory Committee Meeting held on 31/08/2022 at the Conference Hall of Assam Science and Technology University, Jalukbari, Guwahati-781013

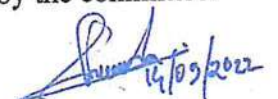
The 1<sup>st</sup> Advisory Committee Meeting was held under the chairmanship of Dr. Nripen Das, Registrar, ASTU where the following members were present

- 1) Dr. Nripen Das, Registrar, Assam Science and Technology University (ASTU), Guwahati -13
- 2) Mr. Dipak Kumar, Regional Directorate of NSS, Chakralay, H.No.4, B/L-4, 2nd Floor, Hari Mandir Link Road, Near Down Town, Dispur, Guwahati-781006, Assam.
- 3) Dr. Rahul Amin Reza, Programme Officer, Barak Valley Engineering College, Nirala, Assam 788701
- 4) Dr. Basab Das, Girijananda Chowdhury Institute of Management (GIMT), Guwahati.
- 5) Dr. Pulendra Dutta, Programme Officer, Assam Engineering College, Guwahati.
- 6) Dr. Gauri Gautam Borthakur, Programme Officer, Jorhat Institute of Science & Technology, Jorhat – online.
- 7) Dr. B. Jargab Sahlia, Principal, NIPS, Guwahati – online.
- 8) Dr. Atanu Kumar Dutta, Principal, Jorhat Institute of Science & Technology, Jorhat – online.
- 9) Dr. Dewananda Das, Programme Officer, NSS Unit, Bineswar Brahma Engineering College (BBEC).
- 10) Dr. Debajyoti Goswami, Finance and Accounts Officer, Assam Science and Technology University,
- 11) Dr. Indranil Chanda, Programme Coordinator, NSS, Assam Science and Technology University, Guwahati -13.

At the very outset the members of the 1<sup>st</sup> Advisory Committee were welcome by the Registrar, ASTU.

After due deliberations, the following resolutions have been adopted.

- 1) The proposed action plan of NSS activities for 2022-2023 is accepted by the Committee.
- 2) It was decided by the committee that each unit need to approach for collaborative activities with State Disaster Management Authority, Forest Department, Red Ribbon Club (State AIDS Control Society), UNICEF and Medical Department.
- 3) For NSS special camp, theme to be decided by the NSS unit itself, looking into the requirement of the adopted village. The information regarding conduct of special camp must be reached to the Regional Director, NSS, Guwahati and Programme Coordinator, ASTU at least 15 (fifteen) days before. The NSS unit should inform Block Development Officer, Panchyat of respected village and Deputy Commissioner office 15 (fifteen) days prior to conduct special camp. The expenditure for special camp mainly to be divided under the head of fooding, loading & travelling of NSS volunteers.
- 4) Utilization of Rs. 65,500/- for the financial year 2020- 2021 & Rs. 6,20,050/ for the financial year 2021-2022 alongwith detailed statement was placed in the meetings and accepted by the committee.

  
14/09/2022



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- 5) List of procured items was placed in the meeting and accepted by the committee. It was decided to procure only badge and diary for NSS volunteers and Programme Officer from next procurement. It was also recommended by the committee to procure NSS stationery through GeM portal.
- 6) It was discussed in the meeting that university has not deduct the prescribed establishment cost of Rs. 25/- per volunteers from the NSS grant of the year 2020-2021 & 2021-2022. The committee has advised to deduct the prescribe establishment cost from next NSS grant.
- 7) It was discussed in the meeting that university has received NSS grant for 2020-2021 & 2021-2022 for 1000 nos. of volunteers per year. Whereas nos. of volunteers submitted to the office of Directorate of Sports was **849 nos. for 2020-2021** and **886 nos. for 2021-2022**. The committee has decided that to utilize the extra NSS grant received, for the procurement of NSS stationery items for the volunteers.
- 8) Budget of NSS Cell was placed in the meeting. The committee has revised the budget excluding the almirah.
- 9) The withdrawal request of GIMT, Tezpur was accepted by the committee. As GCAP, Guwahati has informed through email that they are unable to increase the volunteer strength upto 100 and it is also notice that the unit has very less NSS volunteers from last two years, so the committee has decided to withdraw the NSS unit from GCAP, Guwahati.  
The Committee has accepted and sanctioned NSS units of Golaghat Engineering College and Dhemaji Engineering College with a strength of 100 volunteers from the year 2022-2023.
- 10) It is advised by the committee to issue the NSS certificate only to the volunteers those who have completed 240 hrs of regular activities and seven days special camp. Before issue the certificate, the concerned principal of the college must submit eligible volunteers list alongwith declaration that the submitted volunteers have completed 240 hrs regular activities and seven days special camp. University should not issue NSS certificates to the volunteers those who have not completed seven days special camp and completed only the 240 hrs regular activities. However Principal of concerned college may issue certificates to the volunteers mentioning that special camp is not completed by the volunteer.
- 11) The Committee advised to adopt village by each NSS unit for development of the village. One village may be adopted for five years.
- 12) It was suggested by the committee to register in DigiLocker portal of NSS and upload the digital data of the issued certificate. For that each unit must submit the required data to the university in excel sheet supplied by the university.

  
14/09/2022

Programme Coordinator, NSS Cell, ASTU

**Report on  
Academic Bank of Credit (ABC)**

### **Academic Bank of Credit (ABC)**

Assam Science and Technology University (ASTU) has registered with Academic Bank of Credit (ABC) to join the digital initiative of publishing all the academic awards digitally for seamless sharing and exchange of data among various academic institutions across domains (as per the suggestion of letter of All India Council for Technical Education (AICTE), bearing No. DO.NeGD/01-05/2018, dated 06/05/2022).

As per the letter of All India Council for Technical Education (AICTE), bearing No. ATAL/AICTE/2022-23, dated June 14, 2022 and email communication received from DigiLocker NAD, total 1995 nos. of marksheet data of B.Tech 3rd semester programme for 2021 batch have been uploaded in Academic Bank of Credit (ABC) through DigiLocker NAD.

Uploading of remaining academic data (marksheet data) with students' earned credit obtained during or after the academic year 2021-2022 is in process

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# Finance Report





# ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

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## FINANCIAL REPORTING 6<sup>th</sup> Court Meeting held on 07/11/2022

### A.) PREPARATION OF FINANCIAL STATEMENTS [Clause 30.(1)]

- (i) The financial statements have been maintained in Double Entry system with accrual basis. The University has completed the financial statements upto the 31<sup>st</sup> March 2022. The summary of the annual accounts for the Financial Years is presented as below:-

Sl No	Financial Year	Source	Income	Expenditure	Surplus/Deficit
1	2019-20	Govt.	3,72,08,092/-	3,61,82,383/-	(+) 10,25,709/-
		Own Source	4,17,68,104/-	3,24,42,369/-	(+) 93,25,735/-
2	2020-21	Govt.	4,32,78,260/-	4,24,89,256/-	(+) 7,89,004/-
		Own Source	4,89,11,826/-	3,72,77,593/-	(+) 1,16,34,233/-
		Project	5,90,03,465/-	6,26,25,667/-	(-) 36,22,202/-
3	2021-22	Govt.	3,71,72,416/-	5,52,09,724/-	(-) 1,80,37,308/-
		Own Source	4,65,11,810/-	2,92,50,077/-	(+) 1,72,61,733/-
		Consultancy	85,17,402/-	67,91,979/-	(+) 17,25,423/-
		Project	16,35,577/-	1,58,93,173/-	(-) 1,42,57,596/-





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## (ii) Status of Bank Balance:

SI No	Particulars of Bank Account Number	Opening Balance as on 01/04/2019	Closing Balance as on 31/03/2022	Investment as on 31/03/2022
1	32099621663 (Govt.)	8,02,36,938/-	43,25,667/-	9,06,85,000/-
2	33768271543 (Exam)	1,73,53,104/-	1,27,124/-	5,64,15,000/-
3	34366963054 (NPS)	2,75,787/-	1,82,656/-	0
4	36462701811 (PFMS)	22,782/-	32,20,616/-	0
5	36048378538 (RBF)	95,237/-	6,50,885/-	21,20,140/-
6	37494577220 (CEE)	66,11,234/-	20,09,550/-	0
7	38927863511 (CRP)	0	6,00,949/-	0
8	39860859245 (NEC)	0	1,84,193/-	0
9	40675963817 (GAINER)	0	22,00,000/-	0

## B.) AUDIT OF ACCOUNTS

i) **Statutory Audit by appointment of Chartered Accountant** - As per clause 30 (1) the statement of accounts has been Audited by:

(a) M/s SPRK & CO., Chartered Accountants for the financial year 2019-20 & 2020-21.

(b) M/s R M Kothari & Co., Chartered Accountants for the financial year 2021-22.

(The firm is selected through invitation of expression of interest vide advertisement No. Janasanyog/CF/1480/22 dated 22/7/22 on completion of 4 years of Audit by M/s SPRK & Co, as per guideline of CAG & Institute of Chartered Accountants of India.)

- **Submission of Audit reply** – The audit report for the financial year 2019-20 & 2020-21 has been submitted by the statutory auditor M/s SPRK & CO and for the financial year 2021-22 has been submitted by the statutory auditor M/s R M Kothari & Co and audit reply submitted.

ii) **Audit by the office of Accountant General (Audit), Assam** – As per clause 30 (1), the University invited office of Accountant General (Audit), Assam for audit of financial statements for the year 2017-18, 2018-19 & 2019-20 after completion of statutory audit. The reply of the inspection report by the university were submitted. The status of the inspection report on university accounts since inception has been furnished as below:

- 2011-12: Inspection report closed.
- 2012-13: Inspection report closed.
- 2013-14: Inspection report closed.
- 2014-15: Inspection report closed.



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- (e) 2015-16 & 2016-17: (Reply furnished) (2nos gross paras dropped out of 3nos of gross paras. Reply in progress for dropping remaining 1no gross para) (However, a total of 12nos of sub paras dropped out of 20nos)
- (f) 2017-18, 2018-19 & 2019-20: (Reply in progress for dropping 5 gross paras) (However, a total of 10nos of sub paras dropped out of 25nos)

## C.) PREPERATION OF UNIVERSITY ANNUAL BUDGET CLAUSE 30 (5)

The annual budget estimates are prepared by the University reflecting the estimates for the year under the head of Part-I Revenue (salary & recurring purpose), Part-II Capital (procurement & construction), Part – III Earmarked (Specific) Fund & Part-IV Debts, Deposits & Advances.

It may be mentioned that the budget is prepared using ERP (Enterprise resource planning) of ASTU.

The overview of the budget are as follows:

### For the financial year 2021-22:

Particulars	Part-I: Revenue				Part -II:Capital			
	Actual 2019-2020	Estimates 2020-2021	Revised Estimates 2020-2021	Estimates 2021-2022	Actual 2019-2020	Estimates 2020-2021	Revised Estimates 2020-2021	Estimates 2021-2022
Total Receipt	74866900.00	85839040.00	67188200.00	63066518.00	39250271.00	146365142.00	72074279.00	137065000.00
Total Payment	52699557.00	78616387.00	58222420.00	62614221.00	16300751.10	161078648.00	84322840.00	118510125.00
Surplus (+)/Deficit(-)	22,167,343.00	7,222,653.00	8,965,780.00	452,297.00	22,949,519.90	-14,713,506.00	-12,248,561.00	18,554,875.00

Particulars	Part-III: Earmarked (Sp) Fund				Part -IV: Debts, Deposit & Advance			
	Actual 2019-2020	Estimates 2020-2021	Revised Estimates 2020-2021	Estimates 2021-2022	Actual 2019-2020	Estimates 2020-2021	Revised Estimates 2020-2021	Estimates 2021-2022
Total Receipt	0.00	0.00	0.00	3417676.00	29447188.00	17606380.00	18236000.00	19228450.00
Total Payment	0.00	0.00	0.00	502636.00	32121447.00	28575880.00	30007100.00	32631000.00
Surplus (+)/Deficit(-)	0.00	0.00	0.00	2,915,040.00	-2,674,259.00	-10,969,500.00	-11,771,100.00	-13,402,550.00

### For the financial year 2021-22:

Particulars	Part-I: Revenue				Part -II:Capital			
	Actual 2020-2021	Estimates 2021-2022	Revised Estimates 2021-2022	Estimates 2022-2023	Actual 2020-2021	Estimates 2021-2022	Revised Estimates 2021-2022	Estimates 2022-2023
Total Receipt	65886446.44	63066518.00	65849371.00	74175573.00	23512964.00	137065000.00	107818300.00	144518327.00
Total Payment	47764635.38	62614221.00	54113968.00	63584148.00	31465122.46	118510125.00	96505019.00	183599706.00
Surplus (+)/Deficit(-)	18,121,811.06	452,297.00	11,735,403.00	10,591,425.00	-7,952,158.46	18,554,875.00	11,313,281.00	-39,081,379.00

Particulars	Part-III: Earmarked (Sp) Fund				Part -IV: Debts, Deposit & Advance			
	Actual 2020-2021	Estimates 2021-2022	Revised Estimates 2021-2022	Estimates 2022-2023	Actual 2020-2021	Estimates 2021-2022	Revised Estimates 2021-2022	Estimates 2022-2023
Total Receipt	2790676.00	3417676.00	2871000.00	3075000.00	50702158.00	19228450.00	13841868.00	14878000.00
Total Payment	502636.00	502636.00	869000.00	1675435.00	40216296.00	32631000.00	27633940.00	29743650.00
Surplus (+)/Deficit(-)	2,288,040.00	2,915,040.00	2,002,000.00	1,399,565.00	10,485,862.00	-13,402,550.00	-13,792,072.00	-14,865,650.00



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Website: [www.astu.ac.in](http://www.astu.ac.in)

## **D.) CONDUCT OF THE UNIVERSITY FINANCE COMMITTEE MEETING (CLAUSE 26)**

The university has conducted the Finance Committee Meeting as mentioned below since the 5<sup>th</sup> University Court Meeting held on 25<sup>th</sup> Sept, 2020

Sl No	Finance Committee Meeting	Date of meeting	Minutes Reference No.
1	14 <sup>th</sup> University Finance Committee Meeting	04/09/2021	ASTU/FC/36/2014/Vol-IV/3444 dt 24/12/2021
2	15 <sup>th</sup> University Finance Committee Meeting	30/09/2022	Communicated vide email dated 6/10/22

**SPEED POST**

**BY SPEED POST**



कार्यालय प्रधान महालेखाकार (लेखापरीक्षा), असम  
मैदामगांव, बेलतला, गुवाहाटी-781029

OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL (AUDIT),  
ASSAM, MAIDAMGAON, BELTOLA, GUWAHATI-781029



No. AMG-II (V-2)/SS-3.1(IAB)/Registrar/ASTU/1-1/2014-15/411

Date: 16.08.2022

To

16 AUG 2022

The Registrar,  
Assam Science and Technology University,  
Tetelia Road, Near Assam Engineering College,  
Jalukbari, Guwahati – 781 013.

Sub: Inspection Report on the accounts of the Registrar, Assam Science and Technology University for the year 2011-12 to 2013-14 issued vide letter SS-3.1(IAB)/Registrar/ASTU/1-1/2014-15/1150 dated: 17.11.2014.

Sir,

With reference to letters No. ASTU/AUDIT/42/2014/Vol.-V/6012 dated 06.06.2022 and on the subject cited above, I am to state as follows:

PART IIB/ Para 2	Para may be treated as dropped.
---------------------	---------------------------------

The Inspection Report may also be treated as CLOSED.

Yours faithfully,

Sr. Audit Officer/AMG-II (V-2)

Memo No. AMG-II (V-2)/SS-3.1(IAB)/Registrar/ASTU/1-1/2014-15/412-414 Date: 16.08.2022  
Copy forwarded for information and necessary action to:

1. The Commissioner & Secretary to the Government of Assam, Higher Education Department, Janata Bhawan, Dispur, Guwahati – 781006.
2. The Commissioner & Secretary to the Government of Assam, Finance (Audit & Fund) Department, Janata Bhawan, Dispur, Guwahati – 781006.
3. The Director of Higher Education, Assam, Kahilipara, Guwahati – 781019.

Sr. Audit Officer/AMG-II (V-2)

**SPEED POST**

**BY SPEED POST**



कार्यालय प्रधान महालेखाकार (लेखापरीक्षा), असम  
मैदामगांव, बेलतला, गुवाहाटी-781029

OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL (AUDIT),  
ASSAM, MAIDAMGAON, BELTOLA, GUWAHATI-781029



No. AMG-II (V-2)/SS-3.1/Assam Science Technology/1-2/2016-17/407 Date: 16.08.2022

To

The Registrar,  
Assam Science and Technology University,  
Tetelia Road, Near Assam Engineering College,  
Jalukbari, Guwahati – 781 013.

16 AUG 2022

Sub: Inspection Report on the accounts of the Registrar, Assam Science and Technology University for the year 2014-15 issued vide letter No.SS-3.1/Assam Science Technology/1-2/2016-17/176 dated: 05.07.2016.

Sir,

With reference to letters No. ASTU/AUDIT/42/2014/Vol.-V/6013 dated 06.06.2022 and on the subject cited above, I am to state as follows:

PART IIB/ Para 1 III (A)	Sub-Para may be treated as dropped.
PART IIB/ Para 1 III (C)	Sub-Para may be treated as dropped.
PART IIB/ Para 1 (IV)	Sub-Para may be treated as dropped.

The Inspection Report may also be treated as CLOSED.

Yours faithfully,

Sr. Audit Officer/AMG-II (V-2)

No. AMG-II (V-2)/SS-3.1/Assam Science Technology/1-2/2016-17/408-410 Date: 16.08.2022

Copy forwarded for information and necessary action to:

1. The Commissioner & Secretary to the Government of Assam, Higher Education Department, Janata Bhawan, Dispur, Guwahati – 781006.
2. The Commissioner & Secretary to the Government of Assam, Finance (Audit & Fund) Department, Janata Bhawan, Dispur, Guwahati – 781006.
3. The Director of Higher Education, Assam, Kahilipara, Guwahati – 781019.

Sr. Audit Officer/AMG-II (V-2)



# ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

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Tetelia Road, Near Assam Engineering College, Jalukbari, Guwahati-781013, Assam  
Website: [www.astu.ac.in](http://www.astu.ac.in)

o/c

No. ASTU/AUDIT/42/2014/Vol-V/ 5372

Dated: 08/04/2022

From: Dr. Nripen Das,  
Registrar  
Assam Science and Technology University,  
Guwahati

To: The Sr. Audit Officer/AMG-II (V-2),  
Office of the Accountant General(Audit), Assam,  
Maidamgaon, Beltola,  
Guwahati-781029.

Sub: Inspection Report on the accounts of the Registrar, Assam Science and Technology University for the year 2015-16 to 2016-17 issued vide letter No. SS(AB)/Registrar/ASTU/7-1/2018-19/313 dated 12/06/2018.

Ref: Your office letter No. AMG-II(V-2)/SS(AB)/Registrar/ASTU/7-1/2018-19/936 dated 23/03/2022

Sir,

In reference to the above, kindly find the para wise information/documents for your kind perusal:-

PARA REF.	PARTICULARS	SUBMISSION OF INFORMATION /DOCUMENT FROM ASTU	ENCLO.
PART IIA/ Para 1 (a)(i)	The details of utilization of balance amount of Rs.137.51 lakh along with copy of UC may be furnished to audit.	The utilization of Rs.137.51 lakhs is awaited due to interruption of international tour for the outbreak of Covid-19 Pandemic. However, University initiated some correspondence for completion of the project. In this regard some correspondence was made by using online meeting from the beginning of the year 2021 (correspondence enclosed). The amount Rs.137.51 lakhs is composition of Rs.100.00 lakhs towards setting up of "Centre for Advancement of Education and Research in collaboration with Curtin University" (copy enclosed) and balance Rs.37.51 Lakhs is savings from monetary exchange rate between the two countries.  In view of the above the para may kindly be dropped.	Enclosure I
PART IIA/ Para 1 (a)(ii)	The source of additional amount of Rs.19.52 lakh may be furnished to audit.	The source of additional amount of Rs.19.52 lakhs is the Grant-in-Aid of the Govt. of Assam to the Tune of Rs.353.63 lakhs (copy enclosed) The Total expenditure against the receipt is Rs.296.61 lakhs leaving a balance of Rs.57.03 lakhs and	Enclosure II



		Rs.19.52 lakhs was expended out of Rs.57.03 lakhs.  In view of the above the para may kindly be dropped.	
PART IIA/ Para 1 (b)	Copy of the revised payment schedule executed between representative of ASTU, Curtin University and Govt. of Assam may be furnished.	Enclosed please find the following documents towards revised payment schedule: i) Approval of the Govt. to the University. ii) Agreement between Curtin University, ASTU and Govt. of Assam  In view of the above the para may kindly be dropped.	Enclosure III
PART IIB/ Para 2	Reason for preparation of unrealistic estimate for recruitment Examination for APDCL, which causes loss to the ASTU may be furnished.	Estimate for recruitment examination APDCL configured expenditure for Capital & Revenue items. The conduct of APDCL/APGCL/AEGCL recruitment test included the procurement of capital items amounting to Rs.1.52 lakhs towards procurement of 3nos of scanner & 1 no of printer. These assets have been included in the asset register Pg No. 48 (copy enclosed) of the University, which are used for subsequent work of the university. Hence, there was no loss cost to the University and there was a saving of Rs.0.18 Lakhs from the assignment. Moreover, university was a relatively new university as on that date (year of establishment of the university was 2011) and it was the first assignment of the university.  In view of the above the para may kindly be dropped.	Enclosure IV
PART IIB/ Para 3	(i) Documentary evidence regarding the adjustment of advances of Rs.26,94,825/- as pointed out by Audit, may be stated to audit. (ii) Also documentary evidence regarding adjustment of advance of Rs.44,280/- of Kamrup Academy may be furnished.	(i) Adjustment documents enclosed.  (ii) Adjustment documents enclosed.	Enclosure V  Enclosure VI

Thanking You.  
Yours Sincerely,

(Nripen Das)  
Registrar

No. ASTU/AUDIT/42/2014/Vol-V/  
Copy to:

✓ Office file, ASTU

(Nripen Das)  
Registrar

Dated: 08/09/2022





# ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

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Tetelia Road, Near Assam Engineering College, Jalukbari, Guwahati-781013, Assam  
Website: [www.astu.ac.in](http://www.astu.ac.in)

o/c

No. ASTU/AUDIT/42/2014/Vol-V/ 5305

Dated: 01/04/2022

From: Dr. Nripen Das,  
Registrar  
Assam Science and Technology University,  
Guwahati



To: The Sr. Audit Officer/AMG-II (V-2),  
Office of the Accountant General(Audit), Assam,  
Maidamgaon, Beltola,  
Guwahati-781029.

Sub: Inspection Report on the accounts of the Registrar, Assam Science and Technology University for the year 2017-18 to 2019-20 issued vide letter No. AMG-II (V-2)/IR//03-02/2021-22/520 dated 24/11/2021.

Ref: Your office letter No. AMG-II (V-2)/IR/03-02/2021-22/921 dated 22/03/2022

Sir,

In reference to the above, kindly find the para wise information/documents for your kind perusal:-

PARA REF.	PARTICULARS	SUBMISSION OF INFORMATION /DOCUMENT FROM ASTU	ENCLLO.
PART IIB/ Para 1	Steps taken to expedite the process of adjustment/ recovery of excess amount paid to the BSNL, Kamrup may be furnished. Also result of adjustment/ recovery may be intimated to this end with supporting documents.	ASTU has taken the following steps: 1) A Letter was issued vide this office letter no. ASTU/AUDIT/42/ 2014/VOL-IV/2832 DATED 22/10/2021 to refund excess account of Rs.15,19,904/- to University account. 2) In reference to the letter office of the O/o The General Manager BSNL, CTO building, Ghy vide their letter No. GH/TR-II/BSNL/CTO/2021-22/ASTU/03 dated 17/01/2022 expressed their views regarding excess amount paid to be adjusted against future bill in due course of time. They also intimated us regarding allowing of discount Rs.25,000/- considering the imputed cost. 3) In the meantime, the rent for the year 2022-23 has been due and the necessary adjustment of the excess amount has been made vide BSNL letter No. GH/TR-II/BSNL/CTO/2021-22/ASTU/04 dt 23/03/2022 to	Enclosure I  Enclosure II  Enclosure III



		<p>the extent of Rs.9,14,500/- leaving a balance of Rs.6,05,404/- in excess for further setoff against future bills.</p> <p>In view of the above the para may kindly be dropped</p>	
PART IIB/ Para 2	<p>(i) Ex post facto sanction, if any, from NPIU regarding expenditure from TEQIP—III fund may be furnished.</p> <p>(ii) Also deposit challan of tax of Rs 2.36 lakh to the Government exchequer against GATEFORUM may be furnished.</p>	<p>i)</p> <p>a) Vide email date 22/08/2017 of National Project Implementation Unit (NPIU) as project regulating body, pre consent was given to the University Authority for conducting GATE coaching.</p> <p>b) Vide email dated 29/11/2017 action plan was submitted to NPIU for GATE coaching and accordingly allotment was made in PFMS for incurring expenditure which was reflected in M32 report of PFMS.</p> <p>ii) Challan of Rs.2.36 Lakhs is enclosed</p> <p>In view of the above the para may kindly be dropped</p>	<p>Enclosure IV</p> <p>Enclosure V</p> <p>Enclosure VI</p>
PART IIB/ Para 3 (A)	<p>(i) Remuneration paid to Guest Faculty @ Rs.1,200 or @ Rs.1,700 per lecture between July 2018 and March 2020 for attending lectures of M.Tech (Energy Engineering Course) as pointed out by Audit in violation of UGC Guidelines may be clarified.</p> <p>(ii) Also reason for release of conveyance allowance at Rs.500/- per day as pointed out by Audit in contravention to Rule 9 of Chapter-VII of Assam Science &amp; Technology University Accounts Rules, 2009 may be stated.</p>	<p>i) a) Enclosed please find UGC guideline where Rs.1,500/- is allowable on per lecture subject to maximum of Rs.50,000/- per month.</p> <p>b) But the Guest faculties were assigned with the responsibilities of laboratories and other infrastructure of Energy Engineering department and Central Research Hub. Hence they were paid @ Rs.1,200 or @ Rs.1,700 per day including conveyance allowance between July 2018 and March 2020 irrespective of number of lectures per hour along with TOR vide ASTU memo no. ASTU/Misc/REG /395/10275 dated 22/10/2020 and the approval Hon'ble Vice Chancellor dated 4/4/2019.</p> <p>ii) ASTU Accounts rule was adopted in the First University Court Meeting held on 04/07/2014 vide resolution No. 4(a). At that time there was no In-Campus department. The M. Tech Energy Engineering Department was introduced in the year 2015. Due to the paucity of sanctioned post</p>	<p>Enclosure VII</p> <p>Enclosure VIII</p> <p>Enclosure IX</p>



		<p>ASTU had to accommodate teaching persons by providing conveyance allowance which needed change of rule 9 for teaching faculty only. Under such circumstances ASTU has given the conveyance allowances from 2019 only.</p> <p>In view of the above the para may kindly be dropped</p>	
PART IIB/ Para 3 (B)	Status of recovery of statutory dues may be furnished with supporting documents.	<p>Deduction of Professional tax from the remuneration of Contractual Staff &amp; Guest faculty was known by this office. However, on production of the GoA Notification No. FTX.72/2012/33 dt 15/10/2014 by the Audit party, this office has started deduction of Professional Tax from the remuneration of Contractual Staff &amp; Guest faculty w.e.f. August, 2021 regularly [Eg. of deduction &amp; deposit of Challan of August, 2021(earlier) &amp; February, 2022(recent) is enclosed].</p> <p>In view of the above the para may kindly be dropped</p>	Enclosure X
PART IIB/ Para 4 (A)	<p>(i) Reply is not tenable. As such, detailed expenditure statements along with vouchers of Rs.35.14 lakh may be furnished.</p> <p>(ii) Moreover, comment of the Director, Higher (Technical) Education, Assam regarding acceptance of UC prior to its actual expenditure may be obtained and furnished to Audit.</p>	<p>(i) Detail statement is enclosed. In view of the above the para may kindly be dropped</p> <p>(ii) ASTU is an Autonomous body and governed by the rules, regulation and orders emanating out of Executive Councils, Court. In this context it may be mentioned that the sole source of fund of the university is grants from state government. When funds are released as GIA and drawn by the Autonomous body, the amount is automatically booked as expenditure in state account, moreover no account is required to be submitted to AG A&amp; E office by the university. In view of the fact that there is no erroneous accounting in state account, the para may kindly be dropped</p>	Enclosure XI
PART IIB/ Para 4 (B)	Figures related to "Salary" in Income and Expenditure Account (General) attached with the Annual Accounts for the years 2017-18, 2018-19 and 2019-20 did not watch with the UCs submitted to the department. As such, specific reply for such mis-match, as pointed out by Audit, along with documentary evidence may be furnished.	<p>It will be appreciated that in income and expenditure account only figures pertaining to the accounting year is included whereas UC include figures pertaining to previous years also and hence mismatch.</p> <p>In view of the above the para may kindly be dropped</p>	



PART IIB/ Para 5 (Sl. No. 1)	Steps may be taken to expedite the process of adjustment under intimation to audit. Moreover, documentary evidence may be called for.	Due to the outbreak of Covid-19 Pandemic international tour was stopped. However, University initiated some correspondence for completion of the project. In this regard some correspondence was made by using online meeting from the beginning of the year 2021 (correspondence enclosed)	Enclosure XII
PART IIB/ Para 5 (Sl. No. 2)		Expenditure submitted to the tune of Rs.8,98,247/-	Enclosure XIII
PART IIB/ Para 5 (Sl. No. 3)			
PART IIB/ Para 5 (Sl. No. 4)			
PART IIB/ Para 5 (Sl. No. 5)	Latest position of the adjustment may be furnished.		
PART IIB/ Para 5 (Sl. No. 6)		Communication made to the party for submission of the bill.	Enclosure XV
PART IIB/ Para 5 (Sl. No. 7)	Documentary evidence about adjustment may be furnished.	Adjustment letter enclosed	Enclosure XVI
PART IIB/ Para 5 (Sl. No. 8)	Latest position of the adjustment may be furnished.	Communication made to the party for submission of the bill.	Enclosure XVII
PART IIB/ Para 5 (Sl. No. 9)		Communication made to the party for submission of the bill.	Enclosure XVIII
PART IIB/ Para 5 (Sl. No. 10)		Communication made to the party for submission of the bill.	Enclosure XIX
PART IIB/ Para 5 (Sl. No. 11)	Documentary evidence about adjustment may be furnished.	Adjustment made	Enclosure XX
PART IIB/ Para 5 (Sl. No. 12)	Latest position of the adjustment may be furnished.	Communication made to the party for submission of the bill.	Enclosure XV
PART IIB/ Para 5 (Sl. No. 13)	Documentary evidence about adjustment may be furnished.	Adjustment made	Enclosure XX
PART IIB/ Para 5 (Sl. No. 14)	Latest position of the adjustment may be furnished.	Adjustment made	Enclosure XXI
PART IIB/ Para 5 (Sl. No. 15)	Documentary evidence about adjustment may be furnished.	Adjustment made	Enclosure XXII
PART IIB/ Para 5 (Sl. No. 16)	Latest position of the adjustment may be furnished.	Communication made to the party for submission of the bill	Enclosure XV
PART IIB/ Para 5 (Sl. No. 17)		Adjustment made	Enclosure XXI
PART IIB/ Para 5 (Sl. No. 18)	Documentary evidence about adjustment may be furnished.	Adjustment made	Enclosure XXIII
PART IIB/ Para 5 (Sl. No. 19)		Adjustment made	Enclosure XXIV
		In view of the above para "PART IIB/ Para 5" may kindly be dropped	

Thanking You.

Yours Sincerely,

(Registrar)

No. ASTU/AUDIT/42/2014/Vol-V/

1) Office file, ASTU

(Registrar)



Dated: 01/04/2022



# ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

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Tetelia Road, Near Assam Engineering College, Jalukbari, Guwahati-781013, Assam  
Website: [www.astu.ac.in](http://www.astu.ac.in)

No. ASTU/AUDIT/42/2014/Vol-V/ 5305

Dated: 01/04/2022

From: Dr. Nripen Das,  
Registrar  
Assam Science and Technology University,  
Guwahati



To: The Sr. Audit Officer/AMG-II (V-2),  
Office of the Accountant General(Audit), Assam,  
Maidamgaon, Beltola,  
Guwahati-781029.

Sub: Inspection Report on the accounts of the Registrar, Assam Science and Technology University for the year 2017-18 to 2019-20 issued vide letter No. AMG-II (V-2)/IR/03-02/2021-22/520 dated 24/11/2021.

Ref: Your office letter No. AMG-II (V-2)/IR/03-02/2021-22/921 dated 22/03/2022

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		<p>the extent of Rs.9,14,500/- leaving a balance of Rs.6,05,404/- in excess for further setoff against future bills.</p> <p>In view of the above the para may kindly be dropped</p>	
PART IIB/ Para 2	<p>(i) Ex post facto sanction, if any, from NPIU regarding expenditure from TEQIP—III fund may be furnished.</p> <p>(ii) Also deposit challan of tax of Rs 2.36 lakh to the Government exchequer against GATEFORUM may be furnished.</p>	<p>i) a) Vide email date 22/08/2017 of National Project Implementation Unit (NPIU) as project regulating body, pre consent was given to the University Authority for conducting GATE coaching.</p> <p>b) Vide email dated 29/11/2017 action plan was submitted to NPIU for GATE coaching and accordingly allotment was made in PFMS for incurring expenditure which was reflected in M32 report of PFMS.</p> <p>ii) Challan of Rs.2.36 Lakhs is enclosed</p> <p>In view of the above the para may kindly be dropped</p>	<p>Enclosure IV</p> <p>Enclosure V</p> <p>Enclosure VI</p>
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		<p>ASTU had to accommodate teaching persons by providing conveyance allowance which needed change of rule 9 for teaching faculty only. Under such circumstances ASTU has given the conveyance allowances from 2019 only.</p> <p>In view of the above the para may kindly be dropped</p>	
PART IIB/ Para 3 (B)	Status of recovery of statutory dues may be furnished with supporting documents.	<p>Deduction of Professional tax from the remuneration of Contractual Staff &amp; Guest faculty was known by this office. However, on production of the GoA Notification No. FTX.72/2012/33 dt 15/10/2014 by the Audit party, this office has started deduction of Professional Tax from the remuneration of Contractual Staff &amp; Guest faculty w.e.f. August, 2021 regularly [Eg. of deduction &amp; deposit of Challan of August, 2021(earlier) &amp; February, 2022(recent) is enclosed].</p> <p>In view of the above the para may kindly be dropped</p>	Enclosure X
PART IIB/ Para 4 (A)	<p>(i) Reply is not tenable. As such, detailed expenditure statements along with vouchers of Rs.35.14 lakh may be furnished.</p> <p>(ii) Moreover, comment of the Director, Higher (Technical) Education, Assam regarding acceptance of UC prior to its actual expenditure may be obtained and furnished to Audit.</p>	<p>(i) Detail statement is enclosed. In view of the above the para may kindly be dropped</p> <p>(ii) ASTU is an Autonomous body and governed by the rules, regulation and orders emanating out of Executive Councils, Court. In this context it may be mentioned that the sole source of fund of the university is grants from state government. When funds are released as GIA and drawn by the Autonomous body, the amount is automatically booked as expenditure in state account, moreover no account is required to be submitted to AG A&amp; E office by the university. In view of the fact that there is no erroneous accounting in state account, the para may kindly be dropped</p>	Enclosure XI
PART IIB/ Para 4 (B)	Figures related to "Salary" in Income and Expenditure Account (General) attached with the Annual Accounts for the years 2017-18, 2018-19 and 2019-20 did not watch with the UCs submitted to the department. As such, specific reply for such mis-match, as pointed out by Audit, along with documentary evidence may be furnished.	<p>It will be appreciated that in income and expenditure account only figures pertaining to the accounting year is included whereas UC include figures pertaining to previous years also and hence mismatch.</p> <p>In view of the above the para may kindly be dropped</p>	



PART IIB/ Para 5 (Sl. No. 1)	Steps may be taken to expedite the process of adjustment under intimation to audit. Moreover, documentary evidence may be called for.	Due to the outbreak of Covid-19 Pandemic international tour was stopped. However, University initiated some correspondence for completion of the project. In this regard some correspondence was made by using online meeting from the beginning of the year 2021 (correspondence enclosed)	Enclosure XII
PART IIB/ Para 5 (Sl. No. 2)		Expenditure submitted to the tune of Rs.8,98,247/-	Enclosure XIII
PART IIB/ Para 5 (Sl. No. 3)			
PART IIB/ Para 5 (Sl. No. 4)			
PART IIB/ Para 5 (Sl. No. 5)	Latest position of the adjustment may be furnished.	Communication made to the party for submission of the bill.	Enclosure XIV
PART IIB/ Para 5 (Sl. No. 6)		Communication made to the party for submission of the bill.	Enclosure XV
PART IIB/ Para 5 (Sl. No. 7)	Documentary evidence about adjustment may be furnished.	Adjustment letter enclosed	Enclosure XVI
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PART IIB/ Para 5 (Sl. No. 15)	Documentary evidence about adjustment may be furnished.	Adjustment made	Enclosure XXII
PART IIB/ Para 5 (Sl. No. 16)	Latest position of the adjustment way be furnished.	Communication made to the party for submission of the bill	Enclosure XV
PART IIB/ Para 5 (Sl. No. 17)		Adjustment made	Enclosure XXI
PART IIB/ Para 5 (Sl. No. 18)	Documentary evidence about adjustment may be furnished.	Adjustment made	Enclosure XXIII
PART IIB/ Para 5 (Sl. No. 19)		Adjustment made	Enclosure XXIV
		In view of the above para "PART IIB/ Para 5" may kindly be dropped	

Thanking You.

Yours Sincerely,

(Registrar)

No. ASTU/AUDIT/42/2014/Vol-V/

1) Office file, ASTU

(Registrar)



Dated: 01/04/2022





# ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

(A State University of Government of Assam constituted by "Assam Science and Technology University Act, 2009")  
Tetelia Road, Near Assam Engineering College, Jalukbari, Guwahati-781013, Assam  
Website: www.astu.ac.in

No. ASTU/FC/36/2014/Voll-IV/ 3444

Dated: 24/12/2021

## Minutes of the 14<sup>th</sup> (Fourteenth) Finance Committee Meeting held on 04/09/2021

The meeting of the 14<sup>th</sup> (Fourteenth) Finance Committee Meeting of the Assam Science and Technology University, Guwahati was held on 04/09/2021 under the chairmanship of Prof. P. J. Handique, Vice Chancellor.

The following members were present:-

1. Prof. P. J. Handique, Vice Chancellor, Chairman

**Hon'ble Members from the University Court:**

2. Prof. Uday Shankar Dixit, IIT, Guwahati

**Hon'ble Members from the Executive Council:**

3. Prof. Anup Kr. Gogoi, IIT Guwahati

**Hon'ble Members from the State Government:**

4. The Joint Secretary to the Govt. of Assam, Higher Education (Technical) Department.

**Other Members:**

5. Dr. Nripen Das, Registrar, ASTU – Member Secretary
6. Dr. Debajyoti Goswami, Finance (& Accounts) Officer, ASTU- Convenor.

The following members could not be present due to pre- occupation:

1. Secretary to the Education Department, Govt. of Assam
2. Sri Abinash Das, Senior Financial Advisor, Higher Education Department, Govt. of Assam

At the very outset, Prof. P. J. Handique, Vice Chancellor welcomes all the members of the 14<sup>th</sup> Finance Committee meeting.

Dr. Nripen Das, Registrar, also welcomes all the members.

Sri Debajyoti Goswami, Finance and Accounts Officer of this University explained the objective of the meeting.

After due deliberations the following resolutions have been taken:

1. Minutes of the 13<sup>th</sup> Finance Committee Meeting held on 11/06/2020 have been appraised and approved.
2. The Committee has been appraised of the action taken report from the minutes of the 13<sup>th</sup> Finance Committee meeting.

### B. APPRAISAL & APPROVAL

1. The committee has been appraised and approved the Audit and Financial Statements of ASTU and submission of Income Tax Return.

- a) **Statutory Audit:** The statutory audit of the Financial statements for the financial year 2019-20 has been completed and reply to observations is also submitted. The brief status of the Financial Statements are as follows: -[Agenda B 2 (a)]

**Govt. funding etc.**

Income	Expenditure	Excess of Income over Expenditure
3,72,08,092.00	3,61,82,383.00	10,25,709.00



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## Own Sources

Income	Expenditure	Excess of Income over Expenditure
4,17,68,104.00	3,24,42,369.00	93,25,735.00

- b) **AG Audit:** The committee has been appraised regarding conductiong of the Audit Scrutiny for financial years 2017-18, 2018-19 and for the year 2019-20 also by Accountant General Assam. [Agenda B 2 (b)]
- c) **Appointment of Statutory Auditor for 2020-21 onward:** The committee has been appraised the appointment of M/S SPRK & Co., Chartered Accountants for the financial year 2019-20 and approved for reappointment for financial year 2020-2021. This has been dicided looking into the pandemic situation of COVID-19. [Agenda B 2 (c)]
- d) **Submission of annual Return:** The committee has been appraised the return of the University has been filed as per requirement of Income Tax Act. University has uploaded the submission of annual return for the Assessment year 2020-21 along with Form 10BB of Income Tax. [Agenda B 2 (d)]
- e) **Status for the financial statements for the 2020-21:** The committee has been appraised regarding the progress of the preparation of financial statements, which will be completed on or before 30/09/2021. [Agenda B 2 (e)]
- 3) The committee has been appraised and approved the financial proposal submitted to the Govt. of Assam: [Agenda 3]

F. Y.	Sl No.	Particulars of Fund Requirement	Allocated amount in the Govt. of Assam Budget	Proposed Amount against Allocation		Status
2020-21	a)	Grant In Aid Non Salary (Capital)	Rs.237.50 Lakhs (Earmarked)	Construction of Academic Building & VC's Residence	Rs.200.00 Lakhs	Released .
				Plasma Pyrolysis Plant for Solid Waste management at ASTU	Rs.37.50 Lakhs	Not Released
	b)	Grant In Aid Salary (Revenue)	Rs.360.69 Lakhs	Salary Component	Rs.360.69 Lakhs	Released.
	c)	Grant In Aid Salary (Revenue) (Supplementary Demand 2020-21)	Rs.32.00 Lakhs	Retirement benefit (Salary component)	Rs.32.00 Lakhs	Not released
	d)	Grant In Aid Non Salary (Capital) (Supplementary Demand 2020-21)	Not allocated	Construction Under TNEIF	Rs.184.02 Lakhs	Proposal submitted for incorporation in Supplementary Demand Budget 2020-21 (Dec,20 session), but not incorporated.
	e)	Grant In Aid Non Salary (Capital) (Supplementary Demand 2020-21)		Recurring Expenditure (Internet lease line, Landline, Electricity expenses.)	Rs.40.00 Lakhs	
	a)	Grant In Aid Non Salary (Capital)	Rs.190.00 lakhs	Capital Infrastructure for Academic & VC's Residence.	Rs.1000.00 Lakhs	Proposal was submitted for sanction & release of Rs.190.00 lakhs towards construction of Academic & VC's Residence vide letter No. ASTU/Acctt./9
			TNEIF Phase II			
			General State Government Development Grant			



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2021-22	b)	Grant In Aid Salary (Revenue)	Rs.339.48 Lakhs	Salary Component	Rs.339.48 Lakhs	(Plan)/12/Vol-V/2165 dated 13/08/2021 Proposal was submitted for sanction & release Rs.339.48 Lakhs towards salary component vide letter No. ASTU/Acctt./9 (Non Plan)/12/Vol-III/2157 dated 13/08/2021
	c)	Grant In Aid Salary (Revenue) (Supplementary Demand 2021-22)	Submitted for incorporation	Fees waived during Covid-19 pandemic. Ref: GoA office memorandum No.AHE.639/2018/16 dated 10/06/2020	Rs.149.97 Lakhs	Proposal was submitted vide letter No. ASTU/Acctt./9 (Plan)/12/Vol-IV/1964 dated 29/07/2021
	d)	Grant In Aid Non Salary (Capital) (Supplementary Demand 2021-22)	Not incorporated	Academic Building & VC's Residence TNEIF Other capital Infrastructure	Rs.384.53 Lakhs Rs.184.50 Lakhs Rs.180.97 Lakhs	SD proposal was submitted vide letter No. ASTU/Acctt./9 (Plan)/12/Vol-V/2043 dated 04/08/2021. However it will be placed in the next assembly session.

- 4) The committee has been appraised and approved the working estimate prepared for Plasma Pyrolysis Plant with Rs. 189.40 lakhs and appraised the fund Rs. 23.75 lakhs released in the Financial year 2020-2021 and appraised the expected GIA from S&T Deptt. of GoA Rs. 8.00 lakhs in corporation in the current year.  
[Agenda 4]

Sl No.	About the accepted project	Project Cost (in Rs.)	Status of fund	Expected GIA from S&T Deptt. of GoA
a)	VC, ASTU was requested by Chief Secretary, Assam Mrs T. K. Das during her last months in office, to prepare a proposal for waste management through plasma pyrolysis technique. During discussions it became clear that many of other plasma based technologies can be developed together at one place. It was decided to prepare and present a road map for these technologies. It evolved into establishing a Centre for Research in Advance Science & Technology, starting with the 1st proposal of plasma pyrolysis for waste disposal. The prototype for this technology would be developed and installed at ASTU which later, if necessary, would be shifted to the Centre. The proposal was presented at Dispur and submitted to S&T department. Discussions with Hon'ble Minister Science and Technology was held and the proposal was endorsed and forwarded to Hon'ble Chief Minister. After a discussion the project was forwarded to S&T to initiate the same	Rs.189.40 Lakhs	Rs.23.75 Lakhs released in the F.Y. 2020-21	Rs.8.00 Lakh in 2021-22
b)	Submission of fresh Research Proposal : A research proposal titled "High Gradient Superconducting Magnetic Separation technique for removal of arsenic and Mercury from water" for financial grant submitted to UNICEF			Communication yet to receive.

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5) The committee has been appraised and approved the opening of bank Account and the status of Fund from various other sources of Govt. of Assam: [Agenda- 5]

i) Through PFMS Activation and credited to University Accounts:

Sl. No.	Funding Agency	Bank Account No	PFMS Scheme	Purpose of the fund	Amount (In Rs.)	Amount Utilized (Rs)	Date of deposit
1	AICTE	36462701811	0917	FDP Programme	16,50,000.00	Nil	16/01/2021
2	Department of Science and Technology Govt	36462701811	1817	Inspire fellowships	8,88,656.00	2,19,356.00	16/12/2020
3	NEC	39860859248	0248	Hindi Section in the Central Library of ASTU	4,00,000.00	<del>NA</del> Nil	27/05/2021
4	NSS	36462701811	9230	Student activities of NSS	4,27,500.00	65,500.00	22/3/2021

ii) The Committee has been appraised and approved the following matters:

## CONSULTANCY SERVICE – PROJECT MODE :

(a) Conduct of CEE/JLEE/JMEE :

The information regarding Receipt & Expenditure for conduct of CEE/JMEE/JLEE are as follows:

Year	Sl. No	Type of Examination	Amount Received (Rs)	Student number and fee per student	Reference of account number ONLINE PAYMENT	Expenditure as on the date (In Rs)
2020	1	CEE	63,31,500.00	8442 @ Rs.750.00	SBI AEC 27494577220	55,46,369.00
	2	JMEE	21,01,000.00	2101 @ Rs1000.00		16,95,051.00
	3	JLEE				
2021	1	CEE	57,81,750.00	7709 @ Rs.750.00		51,26,000.00 (Budgeted)

(b) Conduct of Recruitment test:

Organization Name	Ref. of employment notice	Candidate number and fee payable	Minimum Bid Price as per LoA (Rs.)	Negotiated Price at request of the Org. (Including all Tax Liabilities) (Rs.)	Amount Received (Including all Tax Liabilities) (Rs.)	Prog. Exp. incurred

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AEGCL	AEGCL/MD/HR/REC2020-2021/44/2020/17 dated 01/12/2020	9667@ Rs. 600.00	75,00,000.00	58,00,200.00	58,00,200.00	1,54,20,576.00 + 16,75,274.00 (GST + TDS deducted)
APDCL	MD/APDCL/HR/REC (2020-21)/103 dated 01/12/2020	16800 @ Rs. 600.00	1,44,00,000.00	1,00,80,000.00	1,00,80,000.00	
APGCL	HR/APGCL/Esstt/2020/1195/07 dated 01/12/2020	6300 @ Rs. 600.00	54,00,000.00	37,80,000.00	37,80,000.00	
	HR/APGCL/Esstt/2020/1174/6 dated 20/01/2021	Lump Sum for 651 nos	25,00,000.00	20,00,000.00	14,70,000.00 (No forwarding letter)	
	HR/APGCL/Esstt/2020/1194/51 dated 18/12/2020	Lump Sum for 60 nos	7,50,000.00	Waived	Waived	
<b>Total</b>			<b>3,05,50,000.00</b>	<b>2,16,60,200.00</b>	<b>2,11,30,200.00</b>	<b>1,70,95,850.00</b>

iii) **The committee has been approved fund received under endowment head:**

Sl. No	Name of Donor	Amount	Wish list of the Donor	Award name	Remarks
1	Dr. S. Muruli Mohan, CoE, ASTU	Rs. 2,15,000/-Vide SBI Ch. No 151465 dated 16/02/2021	Rs.15,000/- is provided for Cash award for 2 <sup>nd</sup> Convocation. Rs.2,00,000/- is provided for Fixed deposit and interest to be accrued will be utilized for Cash Award.	In the memory of Smt. Vallabhuni Lakshmi	The amount is invested in TDR with ref. no. 40070205021 dt 11/3/2021

6) The committee has been appraised and approved the submission of DPR for ASTU Campus –II and the cost of preparation of DPR at the particulars as detailed.[Agenda- 6]

Particulars of the work assigned	Name of the firm	Remarks	Cost of the Total Project	Expression of Interest towards Architect Fee	Bill submitted	Nature of the work	Placed for
Preparation of Concept Paper and DPR of	M/s Design Team North-Easter n	Since the Existing Administrative Block and ongoing Academic	Rs.140.00 Crore (Approx) Submitted vide this office letter No. ASTU/Acctt./9(	Rs.3.18 Cr Being 2.5% of the a) Rs.82.17 Cr = Sector 1 b) Rs.45.19 Cr= Sector 2)	Rs.8,45,341/- Vide Letter No. DTNE/ASTU/C-II/A-133/2020/18 dt 18/9/20 being 15% of 47.76	Concept Document	It was seen in PMRC meeting and vetted



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Campus – II of ASTU measuring land 52 Bighas (Approx.)	Building was designed by M/s Design Team North-Eastern and it is a APWD approved firm.	Plan/12/Vol-IV/10022 dated 12/10/2020	Total=127.36 Cr	cr (Rs.47.76 Lakh being 15% of 3.18 Cr.)	Work done as per Annex-	for approval
				Rs.13,36,057/-		

7) The committee appraised and approved the status regarding ongoing construction projects at ASTU Campus-I [Agenda- 7]

**i) Academic Building & VC's Residence:**

Construction of "Academic Building & VC's Residence" has been progressed under the construction of APWD by the contractor Kamal Singh Dugar. The committee appraised and approved the release of fund. The status of the receipts and payments, working-in-progress and availability of fund are as follows: -

Sl. No	Total Administrative approval with ref. no. (Rs.)	Total Fund Receives (Rs.)	Amount of the Bill submitted and ref. no. (Rs.)	Release amount of the Bill	Progressive Work in progress (%) against the bill
a)	7,68,95,250.00 (PMA(H)74/2017/29 dated 14/06/2017)	1,00,00,000.00 (2017-18)	84,42,484.00 (Bill No – 512/RA/I/GB-IV/2018-19 dated 27/3/2019 (Kamal Singh Dugar) (Contractor)	84,42,484.00	11% (1 <sup>st</sup> RA Bill)
b)		84,42,484.00 (2019-20)	34,53,249.00 (Bill No-1099/RA/II/GB-IV/2019-20 dated 27/09/2019 (Kamal Singh Dugar) (Contractor)	34,53,249.00	17% (2 <sup>nd</sup> RA Bill)
c)		2,00,00,000.00 (2020-21)	15,74,853.00 (Bill No-142/Consultancy/1/GB-IV/2019-20 dated 06/11/2019 (Design Team North-Eastern) (Consultant)	15,74,853.00	(Consultancy Bill)
d)		75,46,444.00 (Bill No-02/RA/III/GB-IV/2020-21 dated 13/05/2020 (Kamal Singh Dugar) (Contractor)	75,46,444.00	27.87% (3 <sup>rd</sup> RA Bill)	
e)		90,22,435.00 (Bill No-309/RA-IV/GBS-IV/2020-21 dated 03/02/2021 (Kamal Singh Dugar) (Contractor)	90,22,435.00	40.66% (4 <sup>th</sup> RA Bill)	
f)		33,78,562.00 (Bill No-RA-I/114/GESD dated 24/03/2021 (S. G. Enterprise) (Electrical Contractor)	33,78,562.00	(Electrical Contractor Bill) 73.95% (1 <sup>st</sup> RA Bill)	
g)		1,05,39,474.00	50,24,457.00	55.72%	

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			(Bill No-07/RA-V/GBS-IV/2021-22 dated 06/05/2021 (Kamal Singh Dugar) (Contractor)		(5 <sup>th</sup> RA Bill)
Total	7,68,95,250.00	3,84,42,484.00	4,39,57,501.00	3,84,42,484.00	

## ii) Construction of Building under TNEIF:

"The Construction of Building for Infrastructure Augmentation Support of Infrastructure Development of Assam Science and Technology University (ASTU)" under TNEIF has been started by Competent Infrastructure and Consulting Pvt. Ltd., Guwahati. The construction has been reviewed from time to time by Project Management Review Committee (PMRC). The status of the receipts and payments, working-in-progress and availability of fund are as follows: -

Sl. No	Total Administrative approval with ref. no. (Rs.)	Total Fund Receives (Rs.)	Amount of the Bill submitted and ref. no. (Rs.)	Release amount of the Bill	Progressive Work in progress (%) against the bill
a)	7,00,00,000.00 (ATE. 11/2018/117 dated 19/12/2018)	2,00,00,000.00 (2018-19)	1,20,56,266.00 (1 <sup>st</sup> RA Bill) (CICON) (Contractor)	1,20,56,266.00	27.5% (1 <sup>st</sup> RA Bill)
b)		1,00,00,000.00 (2019-20)	59,98,779.00 (2 <sup>nd</sup> RA Bill) (CICON) (Contractor)	59,98,779.00	48% (2 <sup>nd</sup> RA Bill)
c)			2,64,439.00 (1 <sup>st</sup> Consultancy Bill) (Architects Collaborative)	2,64,439.00	Consultancy Bill (Discussed in 13 <sup>th</sup> PMRC Meeting)
d)			50,000.00 (Advance) (Consultancy) (Dewan Haider Ali)	50,000.00 (Advance)	Consultancy Bill (Discussed in 13 <sup>th</sup> PMRC Meeting)
e)			1,67,839.00 (Consultancy) (Dewan Haider Ali)	1,67,839.00	Consultancy Bill
f)			11,800.00 (Steel Reinforcement testing) (CAEC-CON)	11,800.00	Steel Reinforcem- ent testing
g)			20,532.00 (Topographical Survey & Drwaing) (Adtech Engineers & Consultants)	20,532.00	Topographic- al Survey & Drwaing
h)			27,89,263.00 (3 <sup>rd</sup> RA Bill) (CICON) (Contractor)	27,89,263.00	58% (3 <sup>rd</sup> RA Bill)
i)			45,81,255.00 (4 <sup>th</sup> RA Bill) (CICON) (Contractor)	45,81,255.00	58% (4 <sup>th</sup> RA Bill)
j)			14,67,884.00 (5 <sup>th</sup> RA Bill) (CICON) (Contractor)	14,67,884.00	58% (5 <sup>th</sup> RA Bill)
k)			13,99,831.00	13,99,831.00	58%



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			(6 <sup>th</sup> RA Bill) (CICON) (Contractor)		(6 <sup>th</sup> RA Bill)
l)			13,72,525.00 (7 <sup>th</sup> RA Bill) (CICON) (Contractor)	13,72,525.00	58% (7 <sup>th</sup> RA Bill)
Total	7,00,00,000.00	3,00,00,000.00	3,01,80,413.00	3,01,80,413.00	
<b>Rs.1,80,413/- paid from University Own Source</b>					
j)			61,18,201.00 (8 <sup>th</sup> RA Bill) (CICON) (Contractor)	Pending	58% (8 <sup>th</sup> RA Bill)

### iii. CONSTRUCTION OF PLASMA PYROLYSIS PLANT:

Sl. No	Type of the Construction	Project cost	Amount of the Bill submitted and ref. no. (Rs.)	Released amount of the Bill	Status of the work
1	50% of the payment of the order value against submission of drawings of plasma pyrolysis plant	48,87,750.00	24,43,875.00 Bill No. 16/20-21 dated 05/11/2020 By B. L. Engineering	24,43,875.00	Drawings submitted
2	Foundation work of Plasma Pyrolysis Plant	3,56,250.00	3,56,250.00 Bill No 1 Dated 12/01/2021 By Ratul Kr. Deka	3,56,250.00	Completed
3	Pre-Fabricated Laboratory Building for Plasma Pyrolysis Plant	10,64,000.00	Bill Submitted to Engineering Deptt.	Yet to be released	Completed. Completion report awaited

8) The committee has been appraised and approved the new NPS rate for releasing to the employees :  
 [Agenda- 8]

Sl. No	Reference of Circular No	Content of the circular
1	GoA Office Memorandum No. BW.7/2008/Pt/357 dated 4 <sup>th</sup> November,2020	Enhancement of NPS subscription rate from 10% to 14% of the employees Basic pay plus Dearness Allowance ion Tier -I

9) The committee has been appraised and approved the appointment other than sanctioned posts:  
 [Agenda- 9]

Sl. No	Particulars of the engagement	Name of the persons	Total Amount	Remarks
A	Empaneled Advocate	Sr. Advocate Devojit Saikia ( Sr. Standing Counsel along with Standing counsel	Rs 3,60,000/ Yearly	approved

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		Advocate Santanu Borthakur (standing Counsel)	Rs. 1,00,000/- Yearly	
B	Post-Doctoral & Research Fellow	Annexure-I	Rs.90,000/- per Month.	
C	Contractual Staff – Non Teaching	Annexure-II	Rs. 1,66,630/- per month	
D	Guest Faculty-4 Nos	Annexure-III	Rs. 1700/- per day (existing)	Rs.1500/- + 500/-(TA) per day approved
E	Consultant –Academic	Annexure-IV	Rs. 60,000/ per month.	approved
F	Consultant – Administration	Annexure-V	Rs. 60,000/ per month.	approved
G	Civil Consultant	Annexure-VI	Rs.3000/- per day	approved

10) The committee has been appraised regarding the procedural observance for the austerity measures and other legal formalities of University: [Agenda- 10]

Sl. No.	Name of the work	Other Information's
1	University Return u/s 139(4C) applicable from Assessment year 2016-17 and university successfully filed the return for the assessment year 2020-21.	On return submission for the assessment year 2018-19, demand notice of Rs. 3,22,26,220/ (Including Penalty as on the date) was issued vide CPC /1819/A7/1931221417 DATED 17.03.2020. Subsequently, the matter was challenged in the IT Court and income of the university was exempted. Vide assessment order No. ITBA/AST/S/143(3) / 2020-21/1029723074(1) Dated 12.01.2021. The petition was made to vacate the demand vide this office letter No. ASTU/ IT/RETRUN /538/2019/276 Dated 29/01/2021.
2	GST Return submitted month wise within dates	N/A
3	TDS IT return quarter-wise submitted & Updated	N/A
4	DSIR certificate received and utilized for procurement	N/A
5	Certificates under section 12A of the IT Act is received	It will create Tax exemption. Normally if G.I A of Government of Assam is less than the total revenue then tax liabilities is applicable on return submission.

11) The committee has been appraised and approved the renewal of existing lease line connection and subscription of additional lease line: [Agenda- 11]

Name of the service the provider	Reference of Renewal demand	Remarks	New offered rate including GST



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3	Schemes of North East Council – Special Development Projects – [0248]	Approved	39860859248
4	All India Council for Technical Education (AICTE) - [0917]	Approved	36462701811
5	National Service Scheme [9230]	Approved	36462701811

### 14) The committee has been appraised and approved the miscellaneous proposal. [Agenda- 14]

Sl No	Particulars of proposal	Purpose / Period	Amount required (Rs.)
1	Bill of Kalpana Resturant	Office refreshment for misc. meetings etc. at ASTU, during the period 2015 to 2020	3,80,116.00
2	Shri Brajesh Sharma, Advocate	Tax exemption registration (u/s 12AA of the Income Tax Act. 1961)	50,000.00
		For Hearing of Assessment proceeding for the Assessment year 2018-19. As per the order Income of the University is assessed as Nil u/s 10(23C)(iiiab) of the Act.	40,000.00
		Filing Income Tax return for the A.Y. 2020-21 (F.Y. 2019-20).	20,000.00
3	Execution of MOU with AICTE for next 5(five) years. Submitted by Academic Registrar.	Conduct of 10 FDPs + 1 week long Seminar for Librarian	16.50 Lakhs (Equal to the contribution of AICTE)
		Conduct of 4 training programs for staff & Lab Assistant each of 2 week long duration	12.00 Lakhs
4	Introduction of certificate course with foreign MOU partners Submitted by Academic Registrar.	Cost of printing, broucher & study material	6.00 Lakhs
5	Remuneration to the invited faculty of affiliated colleges. Submitted by Academic Registrar.	For taking academic classes at ASTU	Rs.2000.00 per men-sun per day + Rs.500.00 as TA for Offline classes only
6	Outreach Programs of ASTU based on STEM. Submitted by Academic Registrar.	Conducting program Catch Them Young	30.00 Lakhs



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BSNL (renewal)	Rs. 20,65,000/- vide Invoice No NDCAS2000005739 dated 11/12/2020 for the yearly rental from 01/04/2021 to 31/03/2022 for 100 MBPS SPEED.	This office requested to issue some discounts vide this office letter No.ASTU/note sheet 1715/08 dated 02/01/2021.	Rs. 10,32,500/- vide email dated 23/03/2021
Power Grid Corporation of India Ltd.	Rs.6,37,837/- for 1 <sup>st</sup> year and Rs.5,52,334/- from 2 <sup>nd</sup> year onwards towards 100 MBPS (1:1) bandwidth lease line internet connection vide this office letter No. ASTU/IT/NKN/2020/680/10987 dated 15/12/2020.		

- 12) The committee has been apprised and approved medical/health insurance to the staff of ASTU on renewal basis: Medical Health insurance was introduced on 30/01/2018 and it was tied up with National Insurance Company. Previous Insurance Policy bearing No. 200901501910000085 (i.e. 02/03/2020 to 01/03/2021) was expired on 01/03/2021. The benefit of the policy are as follows: - [Agenda- 12]

Claims settled (Rs.)	Claims under process	No. of lives Covered	Premium paid (Rs.)
4,57,769/-	34,000/-	171 nos (46 employees and their family members)	13,54,202.00

The details of the existing policy are as follows:

Policy No.	Period	No. of lives Covered	Premium paid (Rs.)
200901502010000105	31/03/2021 to 30/03/2022	171 nos (48 employees and their family members)	10,92,981.00

- 13) The committee has been apprised the information regarding opening of new bank account along with the schemes integrated to PFMS: [Agenda- 13]

### A) Opening of Bank Account:

Sl. No.	Particulars of opening of new Accounts details	Purpose of opening Accounts	Date of Opening
1.	39860859248(savings Account)	NEC, Hindi Section	10/12/2020
2.	38927863511(Current Account)	Collaborative Research Proposal	24/12/2019

### B) Schemes Integrated to the Bank Account:

Sl No	Scheme	Status of Integration in PFMS	Bank A/c No linked with the Scheme
1	Technical Education Quality Improvement Programme of Government of India (EAP) [2038]	Approved	36462701811
2	Science and Technology Institutional and Human Capacity Building - [1817] (Inspire Fellowship)	Approved	36462701811

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3	Schemes of North East Council – Special Development Projects – [0248]	Approved	39860859248
4	All India Council for Technical Education (AICTE) - [0917]	Approved	36462701811
5	National Service Scheme [9230]	Approved	36462701811

14) The committee has been appraised and approved the miscellaneous proposal. [Agenda- 14]

Sl No	Particulars of proposal	Purpose / Period	Amount required (Rs.)
1	Bill of Kalpana Resturant	Office refreshment for misc. meetings etc. at ASTU, during the period 2015 to 2020	3,80,116.00
2	Shri Brajesh Sharma, Advocate	Tax exemption registration (u/s 12AA of the Income Tax Act. 1961)	50,000.00
		For Hearing of Assessment proceeding for the Assessment year <b>2018-19</b> . As per the order Income of the University is assessed as Nil u/s 10(23C)(iiiab) of the Act.	40,000.00
		Filing Income Tax return for the <b>A.Y. 2020-21 (F.Y. 2019-20)</b> .	20,000.00
3	Execution of MOU with AICTE for next 5(five) years. Submitted by Academic Registrar.	Conduct of 10 FDPs + 1 week long Seminar for Librarian	16.50 Lakhs (Equal to the contribution of AICTE)
		Conduct of 4 training programs for staff & Lab Assistant each of 2 week long duration	12.00 Lakhs
4	Introduction of certificate course with foreign MOU partners Submitted by Academic Registrar.	Cost of printing, broucher & study material	6.00 Lakhs
5	Remuneration to the invited faculty of affiliated colleges. Submitted by Academic Registrar.	For taking academic classes at ASTU	Rs.2000.00 per men-sun per day + Rs.500.00 as TA for Offline classes only
6	Outreach Programs of ASTU based on STEM. Submitted by Academic Registrar.	Conducting program Catch Them Young	30.00 Lakhs



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7	Conduct of national seminar. Submitted by Academic Registrar.	NCRAST 2021	20.00 Lakhs
8	Text Book publication towards history of heavy industries and contribution of assamese people. Submitted by Academic Registrar.	Publication of ASTU books	10.00 lakhs
9	Scholarship to the students to Non GATE students. Submitted by Academic Registrar.	Study Aid to the ASTU In-Campus students	6000.00 per month
10	Execution of project with Assam Science Society.	Submitted by Academic Consultant. (Report enclosed)	15.00 Lakhs
11	Execution of project with Curtin University, Australia. Submitted by Academic Registrar.	Submitted by Administrative Consultant ASTU. (Report enclosed)	Completion of the project
12	Subscription of the payment gateway with SBI, AEC branch.	For interfacing with the ERP module	
13	M/S SPRK & Co., Chartered Accountants	Uploading form 10BB for the F.Y. 2019-20	11800.00
14	Rhitiwka Barman, Civil Consultant	Remuneration for Expert invited from AEC (Affiliated college).	45,000.00
15	Trailakua Bora, Electrical Consultant	Remuneration for Expert from APDCL.	15,000.00

15) The committee has been appraised the status of various meetings:  
 After 13<sup>th</sup> Finance Committee meeting held on 11/06/2020 following additional committee meetings were held, the details are given below: [Agenda- 15]

Sl No	Kinds of financial meeting	Agenda letter No.	Minutes letter no.
(i)	Purchase Committee (28 <sup>th</sup> - 34 <sup>th</sup> )	ASTU/Regi_Office/Purchase-Committee/2020/64/8414 dated 04/08/2020	ASTU/TENDER/40/2014/Vol-X/8729 dated 21/08/2020
		ASTU/Regi_Office/Purchase-Committee/2020/64/8728 dated 21/08/2020	ASTU/TENDER/40/2014/Vol-X/9799 dated 24/09/2020
		ASTU/Regi_Office/Purchase-Committee/2020/64/9813 dated 25/09/2020	ASTU/TENDER/40/2014/Vol-X/11073 dated 18/12/2020
		ASTU/Regi_Office/Purchase-Committee/2020/64/11072 dated 18/12/2020	ASTU/Regi_Office/Purchase-Committee/2020/64/113 dated 11/01/2021
		ASTU/Regi_Office/Purchase-Committee/2020/64/114 dated 11/01/2021	ASTU/Regi_Office/Purchase-Committee/2020/64/1180 dated 17/03/2021
		ASTU/Regi_Office/Purchase-Committee/2020/64/114/1182 dated 20/03/2021	ASTU/Regi_Office/Purchase-Committee/2020/64/1438 dated 17/04/2021



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		ASTU/Regi_Office/Purchase-Committee/2020/64/1877 dated 15/07/2021	ASTU/Regi_Office/Purchase-Committee/2020/64/ dated 23/08/2021
(ii)	Need Aspect Committee Meeting (15 <sup>th</sup> – 24 <sup>th</sup> )	ASTU/NAC/241/2017/7862 dated 05/06/2020 ASTU/NAC/241/2017/8662 dated 18/08/2020 ASTU/NAC/241/2017/9041 dated 04/09/2020 ASTU/NAC/241/2017/10005 dated 06/10/2020 ASTU/NAC/241/2017/10405 dated 04/11/2020 ASTU/NAC/241/2017/10762 dated 23/11/2020 ASTU/NAC/241/2017/11069 dated 22/12/2020 ASTU/NAC/241/2017/275 dated 27/01/2021 ASTU/NAC/241/2017/667 dated 18/02/2021 ASTU/NAC/241/2017/2181 dated 13/08/2021	No. Nil Dated 08/06/2020 No. Nil Dated 18/08/2020 No. Nil Dated 05/09/2020 ASTU/NAC/241/2017 dated 06/10/2020 ASTU/NAC/241/2017 dated 06/10/2020 ASTU/NAC/241/2017 dated 23/11/2020 ASTU/NAC/241/2017 dated 22/12/2020 ASTU/NAC/241/2017 dated 27/01/2021 ASTU/NAC/241/2017 dated 28/02/2021 ASTU/NAC/241/2017 dated 16/08/2021
(iii)	Project Management Review Committee (14 <sup>th</sup> – 20 <sup>th</sup> )	ASTU/TENDER/CIVIL WORK/Part-II/2018/361/8839 dated 28/08/2020 ASTU/TENDER/CIVIL WORK/Part-II/2018/361/ dated 20/10/2020 ASTU/TENDER/CIVIL WORK/Part-II/2018/361/11103 dated 21/12/2020 ASTU/TENDER/CIVIL WORK/Part-II/2018/361/594 dated 13/02/2021	ASTU/TENDER/CIVIL WORK/2018/361/9156 dated 10/09/2020 ASTU/TENDER/CIVIL WORK/2018/361/ dated 07/11/2020 ASTU/TENDER/CIVIL WORK/2018/361/593 dated 4/2/2021 ASTU/TENDER/CIVIL WORK/2018/361/933 dated 04/03/2021

*N. M. S.*



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		ASTU/TENDER/CIVIL WORK/Part-II/2018/361/1149 dated 17/03/2021	ASTU/TENDER/CIVIL WORK/2018/361/ dated 07/04/2021
		ASTU/TENDER/CIVIL WORK/Part-II/2018/361/ dated 07/04/2021	ASTU/TENDER/CIVIL WORK/2018/361/1416 dated 12/04/2021
		ASTU/engg/PMRC- Meeting/2021/57/1960 dated 28/07/2021	ASTU/engg/PMRC- Meeting/2021/57/2054 dated 05/08/2021
(v)	Tender Opening Committee (133 <sup>rd</sup> to 162 <sup>nd</sup> )	30 nos of Tender Opening Committee were held	

### 16) The committee has been appraised the other financial proposal: [Agenda- 16]

Sl No	Particulars	About the proposal
1	Proposal for innovative funding	A proposal was submitted by ASTU for implementation for augmenting a scheme 'Support for Entrepreneurial and Managerial Development of MSMEs through incubator "through Business Technology Incubator of the Office of the Development Commissioner (MSME). The proposal has been approved vide letter No. F. No. 3(10)/Inc./7 <sup>th</sup> PMAC/2020-21 of the MSME. Support for the Entrepreneurial and Managerial Development of MSMEs through incubator Grant for Plant and Machinery shall be released only after approval of at least 2 Ideas by PMAC
2	Creation of sustainability fund @ 8 % of the revenue every year	Sustainability fund will be created as per the requirement of year subject to availability of fund and it may be proposed to Govt. of Assam accordingly.
3	Maintenance of the Examination Software	A proposal was submitted by ASTU for implementation for augmenting a scheme 'Support for Entrepreneurial and Managerial Development of MSMEs through incubator "through Business Technology Incubator of the Office of the Development Commissioner (MSME). The proposal has been approved vide letter No. F. No. 3(10)/Inc./7 <sup>th</sup> PMAC/2020-21 of the MSME. Support for the Entrepreneurial and Managerial Development of MSMEs through incubator Grant for Plant and Machinery shall be released only after approval of at least 2 Ideas by PMAC. Rs. 3000/- (Rupees Three Thousand) only per day subject to the limit of Rs. 30,000/- (Rupees Thirty Thousand) Only per month maximum on the condition of three days' visit per week.
4	Bus Facilities	Invitation of the expression was invited for the Bus service for the Students & employees of ASTU. The lowest bidder found at Rs. 80,000.00 (Exclusive of GST) per month. The tentative revenue to be collected was estimated at Total of Rs. 14,000.00 (Rupees Fourteen Thousand) Only Per Month. Hence the facility has been kept in abeyance for further approval.

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5	Surplus fund distribution of the Consultancy Service	University has been assigned some of the work under the project mode from the various organization. With those project, some revenue is earning as overhead income with limited sanctioned posts of ASTU. The officers and staff of the University is working beyond the office hours including Sunday & holiday to make successful. The committee has been appraised and approved and advised to maintain 10% of fund received as overhead income in any project.
6	Consideration for procedures for Scale promotion	There have been formal and informal representations from many of our non UGC employees, regarding their vertical promotion / Scale promotion during their career. In view of this, relevant Government of Assam procedures, rules and notifications are also brought in to notice. As we are also under department of Technical education, Government of Assam, and various Government procedures, standing rules and notifications are being followed / implemented, the committee is suggested to place the matter before the Executive Council by the Registrar.
7	Transfer to Retirement Benefit (Pension)	The committee has been allowed Rs.10.00 lakhs from own source of the University.

17) The committee has been appraised and approved the status of Miscellaneous expenditure:

The following payments has been incurred on urgency basis. This has been placed for appraisal and approval: -

i) Statement of the payment already released (3/6/2020 to 31/03/2021) [Agenda- 17]

Sl No	Party/Firm	Purpose	Amount (Rs)
<b>General:-</b>			
1	Assam Science Society (A. K. Baruwa)	World Environment Day	2,94,480/-
2	Biswa Ranjan Phukan	Misc. Exp.	5,669/-
3	APDCL	Electricity Charges	48,602/-
4	BSNL	Landline Bill	14,750/-
5	N. K. Giri	ASTU Newspaper	9,694/-
6	Chandan Bhattacharya	Travelling & Conveyance 26/7/19 to 24/3/20 for liasoning work with Govt.	20,264/-
7	APDCL	Electricity Charges	52,903/-
8	BSNL	Landline Bill	14,750/-
9	Airtel	Telephone, Data card exp	9,912/-
10			5,487/-
11	Datacrown Computer Pvt. Ltd.	Tally renewal	12,744/-
12	Poddar Car World. Pvt. Ltd.	Servicing of Office Vehicle	9,550/-
13	BSNL	Landline Bill	14,750/-
14	NRL Energy Station (Mohini)	Diesel for DG set	32,064/-

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15	Association of Indian Universities	Annual Membership Charge	59,000/-
16	APDCL	Electricity Charges	1,24,026/-
17	NRL Energy Station (Mohini)	Diesel for DG set	16,032/-
18	Tradeline Corporation	Repairing of Grass cutter	8,300/-
19	APDCL	Electricity Charges	1,03,391/-
20	BSNL	Landline Bill	14,750/-
21	Makibul Ali	Photocopy, printing, spiral inking etc.	6,030/-
22	NRL Energy Station (Mohini)	Diesel for DG set	13,375/-
23	Gargya Autocity Pvt. Ltd.	Servicing of VC's vehicle	7,738/-
24	Cherry Enterprise	Official Mobile phone for Registrar	19,999/-
25	Mohit Dutta	Refreshment for court meeting	10,650/-
26	Brajesh Sharma	TDS IT return Fees	32,593/-
27	APDCL	Electricity Charges	1,06,255/-
28	BSNL	Landline Bill	14,750/-
29	Makibul Ali	Photocopy, printing, spiral inking etc.	10,730/-
30	Senior Post Master, Guwahati	Franking Machine recharge	20,000/-
31	Butfly studio	Printing work for AICTE visit	22,979/-
32	Makibul Ali	Photocopy, printing, spiral inking etc.	9,127/-
33	Airtel	Telephone, Data card exp	9,743/-
34			5,487/-
35	BSNL	Landline Bill	14,750/-
36	Hemlata Dhaba	Refreshment for meeting	8,560/-
37	APDCL	Electricity Charges	1,03,391/-
38	Assam Energy Development Agency	Installation of solar panel	16,41,525/-
39	MMIM Borah & Sanjib Boruah	Exp. for PMRC meeting	26,670/-
40	BSNL	Landline Bill	14,750/-
41	APDCL	Electricity Charges	77,169/-
42	NRL Energy Station (Mohini)	Diesel for DG set	16,080/-
43	Second ICAEASE 2019 GU	Sponsorship	1,00,000/-
44	BSNL	Landline Bill	14,750/-
45	Assam tribune Pvt. Ltd.	Advt. Expenses	22,014/-
46	Brajesh Sharma	Filing Income Tax return for the A.Y. 2019-20 (F.Y. 2018-19)	10,000/-
47	Sarat Deka	Electrical Repair	5,160/-
48	Airtel	Telephone, Data card exp	9,773/-
49			5,487/-
50	BSNL	Landline Bill	14,750/-
51	APDCL	Electricity Charges	69,786/-
52	Pratiksha Store	Saraswati Puja Exp (Grocery etc.)	7,214/-
53	Lohit Chandra Das	Saraswati Puja Exp (Tent House)	10,000/-
54	Cash Exp	Saraswati Puja Exp (Misc. exp)	14,577/-
55	Sanjib Roy	Encashment of Earned Leave	1,70,275/-



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56	Assam tribune Pvt. Ltd	Advt. Exp	7,258/-
57	APDCL	Electricity Charges	61,298/-
58	BSNL	Landline Bill	14,750/-
59	Indranil Chanda	Mobile phone reimbursement	15,000/-
60	Debajyoti Goswami	Mobile phone reimbursement	14,500/-
61	NRL Energy Station (Mohini)	Diesel for DG set	16,384/-
62	MMIM Borah	Exp. for PMRC meeting	17,504/-
63	Gauhati University Guest House	Exp. for PMRC meeting	8,400/-
64	Thakur Enterprise	Crane for Plasma Pyrolysis plant set up	70,800/-
65	Assam tribune Pvt. Ltd	Advt. Exp	58,455/-
<b>Exam:-</b>			
66	Biswa Ranjan Phukan	Inspection for Affiliation	17,993/-
67	Bimal Auto Agency	Registrar Vehicle Servicing	14,198/-
68	Industrial Security Bureau	Manpower Outsourcing	36,653/-
69	Assam Tribune Pvt. Ltd.	Advt. Expenses for Convocation	33,497/-
70	Prasanta Kumar Choudhury	Advance for University Anthem	22,500/-
71	Prashant Agarwal	Donation for Assam Flood Relief	10,000/-
72	Santanu Borthakur	Legal Fees	37,000/-
73	Confidential Printing	Recruitment Expenses	6,747/-
74	Suchibrat Bora	Project Expenditure by M. Tech Student	7,900/-
75	Pratiksha Store	Office refreshment & water	20,645/-
76	Industrial Security Bureau	Manpower Outsourcing	11,220/-
77	Pratiksha Store	Office refreshment & water	54,095/-
78	ASTU Staff	Durga Puja Ex-Gratia	1,26,000/-
79	I D Publishers	Books	11,250/-
80	National Insurance Company Ltd.	VC's vehicle Insurance Renewal	26,212/-
81	M. Tech Students	M. Tech Scholarship	60,000/-
82			30,000/-
83			30,000/-
84			30,000/-
85			60,000/-
86	Hemalata Dhaba	Refreshment for Meeting	9,060/-
87	Confidential Printing	ASTU Examinations	3,51,236/-
88	Industrial Security Bureau	Manpower Outsourcing	14,790/-
89	N. K. Giri	Newspaper for ASTU	9,121/-
90	Asomiya Pratidin	Advt. Expenses	5,418/-
91	Confidential Printing	ASTU Examinations	89,029/-
92	Ranjan Kumar	Ph. D fees refund	13,350/-
93	Deepjyoti Kalita	Remuneration to Exam software expert	45,000/-
94	Anwasha Gayon	Electrical Installation	11,030/-
95	Industrial Security Bureau	Manpower Outsourcing	11,150/-

ii)



DEBAJYOTI GOSWAMI &lt;fao@astu.ac.in&gt;

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## Letter of invitation and Agenda for 15th Finance Committee meeting on 30th September, 2022 at 2:30 PM

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DEBAJYOTI GOSWAMI &lt;fao@astu.ac.in&gt;

6 October 2022 at 15:35

To: "Prof. Narendra S Chaudhari" <vc@astu.ac.in>, usd1008@yahoo.com, Uday Shanker Dixit <uday@iitg.ac.in>, UDAY <uday@iitg.ernet.in>, ganup933@gmail.com, anup gogoo <akg@iitg.ernet.in>, anup gogoo <akg@iitg.ac.in>, Anjali Baruah <anjalisaikiabaruah@gmail.com>, Nripen Das <registrar@astu.ac.in>, Dr BR Phukan <phukan.br@gmail.com>, DEBAJYOTI GOSWAMI <fao@astu.ac.in>, banashree.acs@assam.gov.in

Respected Sir/ Madam,

In continuation to the trailing mail, kindly find the draft minutes of 15th University Finance Committee Meeting. Kindly suggest your valuable opinions on the same.

Thanking you.

*With Regards.....*

Dr. DEBAJYOTI GOSWAMI  
Finance (& Accounts) Officer,

The sender of this mail is an authorized user of email services of ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

**Basic Phone No. + 91 ( 0361)2632079) 7.00 pm -9.30 pm ( Only On All Week Days )**

[Quoted text hidden]



**15th Finance Committee Minutes.docx**

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Website: www.astu.ac.in

No. ASTU/FC/36/2014/Voll-IV/

Dated: 06.10.2022

## **Minutes of the 15<sup>th</sup> (Fifteenth) University Finance Committee Meeting held on 30/09/2022**

The meeting of the 15<sup>th</sup> (Fifteenth) Finance Committee Meeting of the Assam Science and Technology University, Guwahati was held on 30/09/2022 (Friday) under the chairmanship of Prof. Narendra Chaudhari, Vice Chancellor.

The following members were present:-

1. Prof. Narendra Chaudhari, Vice Chancellor, Chairman

**Hon'ble Members from the University Court:**

2. Prof. Uday Shankar Dixit, IIT, Guwahati

**Hon'ble Members from the Executive Council:**

3. Prof. Anup Kr. Gogoi, IIT Guwahati
4. Prof. Uday Shankar Dixit, IIT, Guwahati

**Other Members:**

5. Dr. Nripen Das, Registrar, ASTU – Member Secretary
6. Dr. B. R. Phukan, Academic registrar, ASTU – Special Invitee [Agenda item Sl 5(i) 1, 2, 5, 13 & 16]
7. Dr. Debajyoti Goswami, Finance (& Accounts) Officer, ASTU- Convenor.

The following members could not be present due to pre- occupation:

**Hon'ble Members from the University Court:**

1. The Secretary to the Education Department, Govt. of Assam

**Hon'ble Members from the State Government:**

1. The Joint Secretary to the Govt. of Assam, Higher Education (Technical) Department.
2. The Senior Financial Advisor, Higher Education Department, Govt. of Assam.

All the attended members were adjourned for a half an hour and reassemble at 03:00PM.

At the very outset, Prof. Narendra Chaudhari, Vice Chancellor welcome all the members of the 15<sup>th</sup> Finance Committee meeting.

Dr. Nripen Das, Registrar, offered introductory comment to all the honourable members.

Dr. Debajyoti Goswami, Finance and Accounts Officer of this University explained the objective of the meeting.

**After due deliberations the following resolutions have been adopted:**

Minutes of the 14<sup>th</sup> Finance Committee Meeting held on 04/09/2021 vide Minutes No. ASTU/FC/36/2014/Voll-IV/3444 dated 24/12/2021 have been appraised and approved.

**PART – A:**

**AGENDA ITEM NO. 1**

**Appraisal of Action Taken Report on the 14<sup>th</sup> Finance Committee minutes**

- **Resolution:** The Honourable members were apprised action taken report on the minutes of the 14<sup>th</sup> Finance Committee Meeting. The members resolved to release the bill pending in favour of kalpana restaurant on the certification provided from the University. [Reference of resolution no. 14 (1)]. The committee members



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were also suggested to utilize the fund available funded from AICTE [Reference of resolution 14(3)] to conduct the following:

- Conduct of 10 FDPs + 1-week long Seminar for Librarian.
- Conduct of 4 training programs for staff & Lab Assistant each of 2 week long duration.

In regard to 16(6) the committee members suggested to place in the University Executive Council.

## **PART – B:**

### **AGENDA ITEM NO. 2**

#### **Appraisal of audit of financial statements of ASTU and submission of income tax return**

#### **2(a):**

#### **Regarding Statutory Audit & Appointment of Statutory Auditor 2021-22**

**Resolution:** The members appraised the completion of Statutory Audit for the Financial Year 2020-21 by M/S SPRK & Co. The members were also appraised regarding completion of Statutory Audit for the financial year 2021-22 by M/s R M Kothari & Co. after selection of the firm through open tendering.

#### **2(b):**

#### **Regarding appraisal of Audit by Principal Accountant General (Audit)**

**(i)Resolution:** The committee members were appraised regarding invitation and completion to office of Accountant General (Audit), Assam of audit for the financial year 2017-18, 2018-19, 2019-20. The reply towards Audit Inspection Report of AG also been appraised.

**(ii)Resolution:** The closing of the inspection report by Accountant General (Audit), Assam for the financial year 2011-12, 2012-13, 2013-14 and 2014-15 were also appraised. The committee members were also appraised regarding the dropping of 2 paras and 10 paras out of 4 and 25 paras for the financial year 2014-15 to 2016-17 and 2017-18 to 2019-20 respectively.

#### **2(c):**

#### **Regarding appraisal of submission of annual Income Tax Return (under section 139 (4c) for the University**

**Resolution:** The committee members were appraised regarding submission of Income Tax return of the University for the financial year 2020-21. They were also appraised the uploading of 10(B) form for submission of Financial Year 2021-22 for completion of formalities of University Return.

#### **2(d):**

#### **Regarding appraisal of Financial Statements**

**Resolution:** The Committee members were appraised Income and Expenditure of the University on the Head of Government Funding, Own Sources and Consultancy (Conduct of External Examination) for the Financial Year 2020-21 and 2021-22.

## **PART – C:**

### **AGENDA ITEM NO. 3**

#### **Appraisal and Approval of financial proposal submitted to the Govt. of Assam**

**Resolution:** The Committee were appraised and approved regarding Budget Proposal submitted to the Govt. of Assam for the Grant In Aid Non Salary (Capital), Grant In Aid Salary (Revenue), Grant In Aid Salary (Revenue) (Supplementary Demand), Grant In Aid Non Salary (Capital) (Supplementary Demand



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2020-21) to the tune of Rs.1325 lakhs, Rs. 383.81 lakhs, Rs. 40.02 lakhs and Rs. 1315.50 lakhs respectively and also appraised regarding approval pending. The Committee members were also informed regarding the briefing of the budget before Hon'ble Minister of Education to ASTU Campus on 22/09/2022.

## **AGENDA ITEM NO. 4**      **Appraisal and Approval of Preparation of University Annual budget for the Financial Year 2022-23**

**Resolution:** The Committee were appraised and approved the following amount as annual budget for the financial year 2022-23.

Particulars	Part-I: Revenue				Part-II: Capital			
	Actual2020-2021	Estimates2021-2022	Revised Estimates 2021-2022	Estimates2022-2023	Actual2020-2021	Estimates2021-2022	Revised Estimates 2021-2022	Estimates2022-2023
Total Receipt	65886446.44	63066518.00	65849371.00	74175573.00	23512964.00	137065000.00	107818300.00	144518327.00
Total Payment	47764635.38	62614221.00	54113968.00	63584148.00	31465122.46	118510125.00	96505019.00	183599706.00
Surplus(+)/Deficit(-)	18,121,811.06	452,297.00	11,735,403.00	10,591,425.00	-7,952,158.46	18,554,875.00	11,313,281.00	-39,081,379.00

## **AGENDA ITEM NO. 5**      **Appraisal and Approval of status of Construction cost of Waste Disposal through Plasma Pyrolysis Plant**

**Resolution:** The committee were appraised and approved the Construction cost of Waste Disposal through Plasma Pyrolysis Plant funded from the Science and Technology Department, Govt. of Assam. The Committee members were apprised that originally estimated project cost was Rs.189.40 Lakhs for capacity of 25KG per hour. However it was reduced to 10kg per hour with the actual cost of Rs.66.34 lakhs on the availability of fund. An amount of Rs.23.75lakhs and Rs. 8 lakhs were released in 2020-21 and 2021-22 respectively. The committee members were also appraised regarding allocation of Rs.15.20 Lakhs in the year 2022-23 which will be adjusted against temporary arrangement from University's Own Source.

## **AGENDA ITEM NO. 6**      **Appraisal and Approval of status of fund from other sources** **6(i):**      **Fund from different funding Agency (PFMS Activation and direct transferred to University Accounts):**

**Resolution:** The committee were appraised regarding fund availability under AICTE, Department of Science and Technology GoI, NEC, NSS and Gainer and approved the Utilization of the fund. The Committee were also suggested to utilized the fund allotted from the AICTE for FDP programme and Gainer and directed to submit fresh proposal to NEC for setting up of Hindi Section in the Central Library in ASTU.

## **6(ii):**      **Mobilization of own sources: Conduct of external examination:** **6(ii)(a):**      **Conduct of CEE/JLEE/JMEE : GOVT OF ASSAM ASSIGNMENT**

**Resolution:** The committee were appraised and it approved regarding the receipt and expenditure for the financial year 2020-21. The committee were also appraised the receipt of fee during the year 2022 and also appraised progressive expenditure including under processed bill towards CEE/JLEE/JMEE examination.

## **6(ii)(b):**      **Conduct of Recruitment test of external Organisations:**

**Resolution:** The committee were appraised and it approved regarding the receipt and expenditure for the conduct of external examination for the ASEB, PHED and WRD amounting to Gross Rs. 2,17,14,926.00 with an excess of income over expenditure of Rs. 44,23,022.00(as on the date)



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## **6(iii):**

### **Status of fund for endowment:**

**Resolution:** The committee were appraised regarding the contribution for endowment fund and interest accrued for Rs. 2,15,000 and Rs. 12,707 (as on the date) respectively. The Committee members also approved regarding declaration of the award name in the memory of Smt. Vallabhuni Lakshmi restricting to the interest earned.

## **6(iv):**

### **Status of project cost, receipts and payments of the on-going construction at ASTU campus:**

**Resolution:** The committee were appraised regarding the project cost for Academic Building and VC's Residence (constructed by APWD) and Project cost for Evaluation Block + Emergency Block + Guest House cum Seminar Hall (under TNEIF: constructed by University contractor) at ASTU campus. The committee were appraised Revival for administrative approval has been submitted to the Director of Technical Education, Govt. of Assam towards construction of Academic Building and VC's Residence in reference to Govt. of Assam, Administrative Approval No. PMA(H)74/2017/29 dated 14.06.2017 and it approved the final working estimate to the tune of Rs. 4.84 Cr. for construction of Evaluation Block + Emergency Block + Guest House cum Seminar Hall (under TNEIF).

## **AGENDA ITEM NO. 7**

### **Appraisal and Approval of renewal of medical/health insurance to the staff of ASTU**

**Resolution:** The committee were appraised regarding renewal of medical/health insurance to the staff of ASTU in below mention particulars:

Policy No.	Period	No. of lives Covered	Premium paid (Rs.)
200901502110000087	31/03/2022 to 30/03/2023	172 nos. (45 employees and their family members)	18,11,070.00

The committee members were also appraised regarding status of claims process and premium paid for the medical/ health insurance towards policy bearing No. 200901502010000105 (i.e. 31/03/2021 to 30/03/2022) was expired on 30/03/2022.

## **AGENDA ITEM NO. 8**

### **Appraisal and Approval of observation of the statutory auditor of the University**

**Resolution:** The committee members were appraised and it approved regarding non clearance of the Cheque issued/ deposited from the University bank for more than one year. The committee members were approved to show the unissued Cheque amount as income of the University and also suggested to release the Cheque of the applicant within 2 years from the date of such disclosure in the financial statement with the special approval of the Vice Chancellor. However, committee members suggested to communicate to the bank for the amount of deposit not credited into the bank account regularly.



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## **AGENDA ITEM NO. 9**      **Appraisal and Approval of additional manpower involvement as on the date**

**Resolution:** The committee members were appraised the additional manpower and it approved the fund required for the manpower towards Empaneled Advocate, Contractual Staff – Non Teaching, Guest Faculty-4 Nos and Scientific Assistant (as on the date).

## **AGENDA ITEM NO. 10**      **Appraisal and Approval of Vice Chancellor's accommodation and approval of the revised rate of special allowances /gratuity for NPS subscribers**

**Resolution:** The committee members were appraised and it approved the following:

SL. No	Particulars of the Facility of VC	Reference of the Circular	Approval for
1	A free furnished House	ATE.186/2011/27 Dated 14 <sup>th</sup> March 2017	Adoption of Reimbursement policy on the Actual cost of accommodation in alternate arrangement till construction of VC's residence at ASTU is completed .
2	Special Allowances as per 7 CPC Scale of pay	Govt. of India, MHRD, Higher Education Department Notification No.1-4/2017-U.II dated 28/01/2019	Approved for Vice Chancellor's Special allowance Rs.11,250/- per month instead of Rs. 5000.00 vide Govt. of Assam Notification No.FPC.60/2017/52 date 04/09/2018.
3	Retirement Gratuity and Death Gratuity for NPS subscriber	Govt. of Assam Circular No PPG(P) 165/2014/36 Dated 1 <sup>st</sup> February 2021	Approved for Gratuity for NPS subscriber in the lights of the Govt. of Assam Circular.

## **AGENDA ITEM NO. 11**      **Appraisal and Approval of expenditure of the NEP 2020 implementation cost**

**Resolution:** The committee members were appraised and it approved the TA and DA for attending workshop, seminar, brainstorming session for acquiring knowledge and experience for implementation of NEP

## **AGENDA ITEM NO. 12**      **Appraisal and Approval of change of pay level under 7 UGC scale of Dr. Indranil Chanda, Deputy Controller of Examinations, ASTU**

**Resolution:** The Finance Committee empowers Vice Chancellor to approve the change of pay level of Dr. Indranil Chanda, Deputy Controller of Examinations, ASTU.





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## **AGENDA ITEM NO. 13      Appraisal and Approval of reporting of unutilized G.I.A released for Curtin University Project**

**Resolution:** The members of the committee were appraised the International visit of the Curtin University and appraised the availability of fund to the tune of Rs.1.00 Cr. and it approved the utilization of fund in E for Setting up of “Centre for Advancement of Education and Research in collaboration with Curtin University, Australia vide sanction No AHE.206/2015/71 Dated 24<sup>th</sup> Feb,2017 and Utilization of fund in expeditious manner.

## **AGENDA ITEM NO. 14      Appraisal and Approval of Proposal for Matching (25 % of the Research Project) for initiation for submission of “Sophisticated Analutical and Technical Help Institutes (SATHI) PROGRAMME-2022” (Through Networking and Cluster Approach) notified by Ministry of Science & Technology, Research and Infrastructure Division**

**Resolution:** The members of the committee were appraised the initiation for submission of “Sophisticated Analutical and Technical Help Institutes (SATHI) PROGRAMME-2022” (Through Networking and Cluster Approach) notified by Ministry of Science & Technology, Research and Infrastructure Division and it approved to submit to the Government of Assam in principal. The committee members were also suggested to use the own generated fund on the availability of the resources of the university temporarily for accommodating matching part of the University.

## **AGENDA ITEM NO. 15      Appraisal and Approval of Release of 8<sup>th</sup> RA bill submitted by contractor M/S Competent Infrastructure and Consulting Pvt. Ltd. under TNEIF scheme**

**Resolution:** The members of the committee were appraised the bill to the tune of Rs. 71,71,173.00 and it approved to release the 75% of the total amount in 8th running bill in order to complete the project at fast track. The committee also suggested to adjust the amount against Grant in Aid receivable from Govt. of Assam.

## **AGENDA ITEM NO. 16      Appraisal and Approval of status of miscellaneous expenditure**

**Resolution:** The committee members were appraised the miscellaneous from 01/04/2021 to 31/03/2022 on urgent need of the University as and when required. It has also been approved for the same.

## **AGENDA ITEM NO. 17      Appraisal and Approval of Status of various meetings**

**Resolution:** The committee members were appraised the meeting conducted Need Aspect Committee Meeting (25<sup>th</sup> – 33<sup>rd</sup>), Project Management Review Committee (21<sup>st</sup> – 22<sup>nd</sup>) and Tender Opening Committee (163<sup>rd</sup> to 184<sup>th</sup>) from 04/09/2021 onwards.

## **AGENDA ITEM NO. 18      Appraisal and Approval of AOB matters**

### **18(i):                      Application of Mr. S Roy for the release of Gratuity**

**Resolution:** The committee members were appraised the application of Shri S Roy and suggested to follow the general condition of the Govt. of Assam. It also suggested to consult with the standing council of the University if necessary.



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**18(ii):** **Audit observation for deduction of Rs.1.3 lakhs out of the Project Cost of Administrative Block I constructed by M/S Skyscrappers Real Estate Pvt. Ltd**

**Resolution:** The committee members were appraised regarding deduction of Rs. 1.30 lakhs from the security deposit of M/S Skyscrappers Real Estate Pvt. Ltd and it suggested to take into consideration as receipt of the University.

**18(iii):** **Non credited amount of Rs. 3350 into the University bank account towards deposit of DD for application fee towards 1<sup>st</sup> recruitment of the University in the year 2013**

**Resolution:** The committee members were appraised regarding the non-deposit of the amount and suggested for communication to the higher authority of the bank.

**18(iv):** **Proposal for Earth Filling activities in and around of the VC's residence**

**Resolution:** The committee members were appraised regarding the need of earth filling activities in and around of the VC's residence to the newly developed entrance gate and it empowered VC to take the activities as per University rules.

(Narendra Chaudhari)  
Vice Chancellor  
Assam Science and Technology University

(Nripen Das)  
Registrar

(Debajyoti Goswami)  
Finance and Accounts Officer