



QUARTERLY NEWSLETTER  
on  
ACTIVITIES  
of

**ASSAM SCIENCE AND  
TECHNOLOGY UNIVERSITY**

**VOL. II  
(MAR. 2017-MAY 2017)**

**TETELIA ROAD, JALUKBARI,  
GUWAHATI-781013  
Website: [www.astu.ac.in](http://www.astu.ac.in)**

## TABLE OF CONTENTS

	Page No.
<b>1 Objective</b>	<b>03</b>
<b>2 Activities performed by various divisions</b>	<b>03</b>
<b>2.1 Academic Division</b>	<b>03</b>
<b>2.2 Administrative Division</b>	<b>04</b>
<b>2.3 Examination Division</b>	<b>04</b>
<b>2.4 Finance Division</b>	<b>05</b>
<b>2.5 Miscellaneous Activities</b>	<b>06</b>
<b>3 Publications during March 2017-May 2017</b>	<b>06</b>
<b>4 Invited Lectures</b>	<b>07</b>

## INTRODUCTION :

Assam Science and Technology University is a State University established by "Assam Science and Technology University Act, 2009" to impart technical education under the unified structure in the state of Assam. During the initial period of 5 years, ASTU has achieved few milestones but needs to expedite the developmental activities to fulfill the aspiration of the people of Assam. This report is an attempt to document the activities of the Universities and keep a track on the development as per the vision and mission of the university. It is expected that this report will expedite the planning and implementation of developmental activities to transform Assam Science and Technology University to international level with state of the art infrastructure.

## 2 ACTIVITIES PERFORMED BY VARIOUS DIVISIONS (MAR 2017-MAY 2017) :

### 2.1 ACADEMIC DIVISION

In order to encourage research orientation among the post graduate students, the Department of Energy Engineering organized a special lecture by Dr. Pankaj Kalita, Assistant professor, Centre for Energy IIT Guwahati, on 1st week of March 2017. Under Industry-Institution program Mr. Manas Rai Baruah, Sr. General Manager NRL, was invited to discuss about the prospects of energy engineers in the petroleum industry. The second semester midterm examination & progress seminar were conducted from 20.03.17 and 17.04.17 respectively. A two-day workshop was organized on System Advisor Modeling (SAM) software from 04.05.17 to 05.05.17 for the students and faculty members of the department in collaboration with Spektron Solar Pvt Ltd. The simulation lab on SAM software as well as on software Ansys fluent was conducted from 01.05.17 to 15.05.17.



Two PG students, **Mr. Manas Protim Mahanta** and **Ms. Honey Das** have been selected by **North East Space Application Centre(NESAC)**, Meghalaya, for their second year project work.

Furthermore, the University has successfully carried out various activities necessary for hassle free, expeditious and transparent functioning of all its affiliated colleges, viz. matters concerning institute transfer as well as branch change of the students, issuance of migration certificates, scholarship issues, conduction of AISHE conference, allotment of guides to PhD students, AICTE & UGC matters, formation of BOS for 11 courses under ASTU has been done. Processing of affiliation under ASTU for MBA Course of Assam Institute of Management, MBA Course of Darrang College, M.Tech Course of GIMT Azara, M.Sc and B.Sc (Zoology) and B.Sc (Chemistry) Course of Brahmaputra College are underway. The 15th Academic Council meeting was held on 30th May 2017, at ASTU.

## **2.2 ADMINISTRATIVE DIVISION**

During March 2017- May 2017, pragmatic steps have been taken to encourage digitization of administration viz. creation of an Intranet in the University Campus, increment of internet bandwidth from 5 mbps to 10 mbps, installation of Server, Switch, Online UPS in the Server Room, launch of new university website [www.astu.ac.in](http://www.astu.ac.in) and upload of University data on the website. Library management training has been conducted for efficient handling of library resources. New Access control system, mandatory for security purpose besides attendance streamlining, has been introduced. The division conducted issue, dispatch & examination/interview for various posts viz. DYCOE, OSD (Purchase), OSD (Administrative), Junior Assistant, Front Office Assistant, PS, Steno, System Operator and successfully dealt with matters related to RTI applications. Roadmaps and necessary administrative paperwork has been initiated for upcoming recruitments of Ombudsman, COE and Registrar. The cost estimation of various tendering, procurement and installation costs have been completed.

## **2.3 EXAMINATION DIVISION**

A host of activities have been undertaken by the Examination branch during March – May 2017. The Controller of Examination (CoE) has started receiving the manuscripts from the University appointed paper setters in different courses/ subjects and issued appointment letters to the empanelled moderators of question papers for the ensuing even semester end term examinations, 2017. The schedules for most of the even semester end term examinations to be conducted during May/June, 2017 for the theory subjects, have been notified on 03.04.2017. Remuneration and TA Bills in respect of all the paper examiners/ scrutinizers/ tabulators/ marks verifier etc. assigned for the odd semester examinations, 2016 have been processed.

During this quarter, 199 Nos. of answer-scripts (photocopy) along with other required information against 148 RTI applications have been provided. Apart from this, course-wise customization of the new examination software has been done (which is being implemented for the fresh candidates admitted in the academic session 2016-17) as per the respective syllabi and regulations of the University.

Timely announcement of results has been done, as shown in the table below. Results of Repeaters examination (2016) have been declared for B.Pharm 1st, 3rd, 5th semester, M.Pharm 1st semester, MCA 1st, 3rd & 5th semester, B.Tech 3rd, 5th semester, B.Arch 1st, 3rd semester, M.Tech 1st, 3rd semester and MBA 1st, 3rd semester. The even semester end term examinations commenced from 15.05.2017 and the re-evaluation forms received from the students undergoing various courses are being processed now.

Sl. No.	Subject	Semester	Type	Result declared on	Candidates appeared	Pass percentage	Year of examination
1	MBA	3rd	-	01.03.2017	32 (GIMT, Azara)	34.4	2016
2	MBA	3rd	-	01.03.2017	31 (RSB)	48.4	2016
3	M.Tech CSE	3rd	Regular	03.03.2017	-	100	2016
4	M.Tech ECE	3rd	Regular	03.03.2017	-	100	2016
5	M.Tech ICE	3rd	Regular	03.03.2017	-	100	2016
6	B.Arch	1st	Regular	03.03.2017	30	20	2016
7	M.Arch	1st	Regular	06.03.2017	-	83.3	2016
8	M.Plan	1st	Regular	06.03.2017	-	100	2016
9	MCA	1st	Regular	06.03.2017	-	25	2016
10	M.Arch	3rd	Regular	09.03.2017	06	100	2016

Sl. No.	Subject	Semester	Type	Result declared on	Candidates appeared	Pass percentage	Year of examination
11	MCA	5th	Regular	14.03.2017	-	82.6	2016
12	B.Arch	3rd	Regular	16.03.2017	22	41	2016
13	MCA	3rd	Regular	20.03.2017	05	80	2016
14	B.Tech	5th	Regular	22.03.2017	354(GIMT,Azara)	47.7	2016
15	B.Tech	5th	Regular	22.03.2017	124 (GIMT,Tez)	48.3	2016
16	B.Tech	5th	Regular	22.03.2017	79(NITS)	31.6	2016
17	B.Tech	5th	Regular	22.03.2017	226 (RSET)	30.5	2016
18	M.Pharm	3rd	Regular	23.03.2017	10	100	2016
19	B.Arch	5th	Regular	03.04.2017	24	62.5	2016
20	B.Tech	7th	Regular	07.04.2017	370 (GIMT,Azara)	71.1	2016
21	B.Tech	7th	Regular	07.04.2017	131 (GIMT, Tez)	86.2	2016
22	B.Tech	7th	Regular	07.04.2017	101 (NITS)	60.4	2016
23	B.Tech	7th	Regular	07.04.2017	289 (RSET)	62.6	2016
24	M.Pharm	1st	Regular	06.05.2017	11	54.5	2016
25	Ph.D.	-	-	11.05.2017	22	100	2017

## 2.4 FINANCE DIVISION

The 6th (sixth) ASTU Finance Committee meeting was held on 14/03/2017. The finance department also conducted the 12th (Twelve) ASTU Purchase Committee Meeting as well as the 6th Status Review Committee which was held on 16/05/2017. The Annual Financial Report for 2017-18 was prepared by the division.

## 2.5 MISCELLANEOUS ACTIVITIES



AEC faculty members meeting with ASTU officials, 29th March 2017, at ASTU

One-day workshop on All India Survey on Higher Education, 25th April 2017, at ASTU



## 3. PUBLICATIONS DURING MARCH 2017-MAY 2017

### *Peer Reviewed Journals*

1. Analysis of Trapped Oscillation Modes in Magnetized PPC and its Tunability for Variable Plasma Parameters, Tanvi Mittal; Rana P Yadav; Dhiraj Bora, Optics Communications, 382, 7-12, 2017
2. Kalita P, Borah S, Das D, "Design and performance evaluation of a novel solar distillation unit" Desalination, 416, 65-75, 2017

### *Journal papers*

1. Kalita P, Das D, Borah S, "Thermodynamic Analysis of a Modified Solar Still, IASH Journal, 6(1), 14-19, 2017.

#### 4. INVITED LECTURES

1. Dr. Nripen Das, Registrar In-charge, ASTU was invited by Assam Old Age Home, PaschimBoragaon, for "Tree Plantation Programme" on the occasion of plantation of tree at the campus of the old age home.



2. Shri. D Goswami, FAO, ASTU, was invited to National Law University for a special lecture on one day workshop of Administrative & Financial Administration in University.

-----

#### EXECUTIVE COMMITTEE FOR THE NEWSLETTER

- Chief Advisor :** **Dr. Dhiraj Bora**  
Hon'ble Vice Chancellor ASTU
- Advisor :** **Prof. P.C. Baruah**  
Associate Professor & HOD (EES)
- Review Board :** **Dr. Nripen Das**  
Registrar In-charge, ASTU  
**Dr. P.K.Kakoty**  
COE, ASTU  
**Shri. D. Goswami**  
FAO, ASTU
- Editor :** **Ms. Sangeeta Borah**  
Assistant Professor, ASTU