



Administrative Building of Assam Science and Technology University

QUARTERLY NEWSLETTER
on
ACTIVITIES
of
ASSAM SCIENCE AND TECHNOLOGY UNIVERSITY

VOL. I

(DEC. 2016- FEB 2017)

TETELIA ROAD, JALUKBARI, GUWAHATI-781013

Website: www.astu.ac.in

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.

ACTIVITIES DURING DECEMBER 2016

1. 1st Outreach activity of ASTU is organized at MaharshiVidyaMandir Senior Secondary school, Silpukhuri on 15th December on the topic "Green Energy". Dr. Dhiraj Bora, VC, ASTU, Mr. Mrinal Krishna Choudhury, Addl. Director of AEDA and two teachers of MVM have delivered their lectures. The workshop is attended by around 300 students and 50 teachers.
2. Prof. Pratul Chandra Baruah is appointed as the Associate Professor on the adhoc basis in the Department of Energy Engineering.
3. Meeting held with the APWD engineers and architect to review the status of the proposed Academic Building of ASTU in view of Government's letter to include the building cost in the subsidiary demand. A revised plan for the proposed building is approved incorporating the green concept.
4. Invitation letter is issued to the resource persons for a Seminar on Industrial Plasma technology at ASTU premises.
5. The process for the recruitment of ASTU staff has started by the formation of the Scrutiny committee and the selection committee. A test will be conducted for the recruitment of few posts of Junior Assistant and Front desk assistant as per the advertisement published in Assam Tribune on 18th October 2015.
6. The account of Assam Science and technology University is transferred from SBI Sixmile branch to SBI Assam Engineering College branch for administrative reason.
7. The empanelment orders have been issued to different book suppliers and the list of books to be procured is prepared.
8. A delegation of Curtin University Australia has come to ASTU on 19th December to appraise VC regarding the progress of the Curtin project of Government of Assam through ASTU which includes Prof. S. Islam, Dr. Salim Barbhuyan and Shri Ranjit Hazarika, Addl Secretary, Government of Assam.
9. Greetings cards and Calendars for 2017 of Assam Science and Technology University have been printed and already been dispatched.

ACTIVITIES DURING JANUARY-FEBRUARY 2017

1. The first meeting of the Board of Studies(BOS) is convened on 12-01-2017 for the in campus M.Tech in Energy Engineering. Attended by experts from Assam Engineering College, IIT Guwahati, Tezpur University, AEDA and NRL.
2. Republic day is celebrated on 26/01/2017 in the University campus. Faculties, students and staff of ASTU have participated in the celebration.
3. The practical classes for the first semester M.Tech (Energy Engineering) have been conducted at Department of Energy, Tezpur University.
4. 2 (two) numbers of Projects on Wind Engineering and Industrial Plasma Technology have been submitted to Government of Assam under NLCPR for the financial year 2016-17.
5. Supplementary demand to the tune of Rs. 886.20 lacs for the financial year 2016-17 regarding the proposed construction of Academic building and VC's residence vide letter No.ASTU/CONST/2014/118/9245 dated 15/10/2015 is submitted. Soil testing has already been completed by APWD for the proposed construction.
6. The draft of the MOU to be inked with the Dibrugarh University has already been finalized in a meeting with Hon'ble VC, DU Dr. AlakBuragohain. MOU for academic collaboration with DU will be inked at Dibrugarh University within January.It is expected that the proposed MOU with DU will provide a unique opportunity for useful deliberation, exchange of expertise and sharing of experience to further incite research activities at ASTU.
7. The first status review meeting on possible collaboration between ASTU & AEC was held on 19/01/2017 at ASTU conference hall. Dr. Dhiraj Bora, Vice Chancellor has delivered a lecture on the revamped vision, mission and strategies of ASTU to expedite the planning and implementation of developmental activities for transforming Assam Science and Technology University to international level having state of the art infrastructure. It is resolved that ASTU will initiate the process of establishing a state of the art research facility at ASTU campus with all sophisticated instruments to promote research of international standard. Faculty members of Assam Engineering College will use the facility.
8. Sri SriSarawasti Puja is celebrated on 01/02/2017.
9. Three faculty members have been appointed in the Department of Energy Engineering on adhocbasis for a period of 5(five) months.
10. New website of Assam Science and Technology University (www.astu.ac.in) is ready and will be launched anytime in public domain.
11. Necessary attachments have been submitted for qualifying the enabling mechanism for component 1.2 (Widening impact through Affiliating Technical Universities (ATUs))in focus states of TEQIP-III for the Assam Science and Technology University, Guwahati-781013.
12. The first concept development meeting with the experts to explore possibilities for opening a course on River Dynamics is held on 14/02/2017.
13. The Department of Energy has organized a Seminar acum Interactive session on "Job & Career prospects for Energy Engineers" on 21/01/2017.
14. A seminar on "The Industry-Academia collaboration: Bridging the gap" is organized by GIMT, Azara in association with ASTU.
15. The recruitment test to recruit 2 (two) of Junior Assistant and 2(two) front office Assistants is conducted on 19/02/2017.

16. National Science Day 2017 was celebrated by Assam Science and Technology University on 28/02/2017 in collaboration with Indian Institute of Research and Development for Differently Abled (IIRDDA) at Lakhidhar Bora Kshetra. The Theme of National Science Day this year is, "Science & Technology for specially abled persons." The Art Exhibition was inaugurated by internationally recognized artist Mr. SangramJyoti Choudhury. An art competition was held amongst the children on the Theme "Clean Assam" and "Digital India" for Junior and Senior categories respectively. Moreover, the school children performed various cultural programmes in the event. The open session was inaugurated by the Honourable Vice Chancellor of Assam Science & Technology University, Dr. Dhiraj Bora at the Shiddhinath Sharma Auditorium. The chief guests of the event were the former Director General of Police and Karunadhara's President Shjt. Nishinath Changkakoty, Deputy Superintendent of Tezpur Medical College Dr. Jahanara Begum and Dr. Anil Goswami, former Principal of Cotton College. Dr. Pasanta Kumar Kakoty, Organising Secretary delivered the vote of thanks. The whole event was conducted by Mr. Kabindra Das, sound Engineer of SrimantaShakardevKalashetra and Ms Sangeeta Borah, Assistant Professor, Assam Science & Technology University.



Celebration of National Science day



Celebration of Saraswati Puja

News from the Examination Branch

Examination Branch is one of the important components in the University, requiring a professional management system. The system involves registration of students after enrollment to the declaration of the results and along with this setting of question papers, transportation of examination materials, spot evaluation of Answer scripts, processing of result, maintaining confidentiality etc. These jobs have to be carried out with utmost care & precision. The activities of the branch are as follows :

ACTIVITIES DURING NOVEMBER – DECEMBER 2016

1. Appointment letters of Examiners/ External Examiners for both theory as well as practical subjects of the odd semester end term examinations, 2016 have been prepared and issued.
2. Sorting of question papers (both college-wise & subject-wise) and subsequent dispatch to the respective examination centres well ahead of commencement of the odd semester end term examinations, 2016.
3. Admit cards have been issued online to the candidates of odd semester end term examinations, 2016, through the Principals/ Heads of their respective colleges/ institutions.
4. The odd semester end term examinations, 2016 started from 12.11.2016.
5. Once the examination starts, the sealed packets of Answer scripts are sent to the University from the respective examination centres at the end of the day. Those sealed packets of Answer scripts as received from the respective examination centers are decoded and are made ready for distribution among the concerned examiners. This task is done every day till the end of the examination.
6. Conduct of the central spot evaluation of answer scripts and their subsequent scrutiny once the End Term Theory Examination starts.
7. Arrangement for alternate Examiners in case of any of the previously appointed examiner(s) is/are unable to examine the papers.
8. The new examination software (which is being implemented for the fresh candidates admitted in the academic session 2016-17) has been customized course-wise according to the respective syllabi and regulations.
9. Conduct of re-evaluation of answer-scripts for the even semester end term examinations, 2016.
10. Inspection and Issue of photocopy of evaluated answer scripts (earlier examinations) to the respective students under the provision of RTI Act.
11. The odd semester end term examinations, 2016 for Theory subjects completed on 26.12.2016.
12. Assam Science and Technology University has joined the NAD (National Academic Depository as per UGC guidelines.

ACTIVITIES DURING JANUARY – FEBRUARY 2017

1. The process of evaluation and scrutiny of answer scripts for certain subjects still continues.
2. The scrutinized marks for the theory subjects are subsequently entered on the respective counter-foils of the answer-scripts.
3. Entry of scrutinized theory marks along with other components of marks as well as candidates' attendances in the examination software system.
4. Counting for number of answer-scripts examined/ scrutinized by the individual faculty members is carried out in order to process their remuneration bills.
5. Semester wise verification of all the entered data in to the software system.
6. Correction of entered data wherever applicable in the software system.
7. Conduct of test run of the software before final processing of the results for each examination.
8. Re-evaluation results of B.Tech 6th, MBA 2nd& 4th (Regular & Repeaters) and MCA 4th semester (Regular & Repeaters) examinations, 2016 were declared on 18.01.2017.
9. Results declared for M.Tech 1st semester examination, 2016 in Energy Engineering on 25.01.2017. Out of a total of 14 candidates appeared, all cleared the said examination; the pass percentage being 100%.
10. Results of B.Pharm 1st semester (Regular) examination, 2016 were declared on 03.02.2017. Out of a total of 60 candidates appeared, 27 candidates have cleared the said examination; the pass percentage being 45%.
11. Results of B.Des. 1st semester examination, 2016 were declared on 03.02.2017. Out of a total of 16 candidates appeared, 10 candidates have cleared the said examination; the pass percentage being 62.5%.
12. Re-evaluation results of B.Tech 2nd& 4th semester (Regular & Repeaters) examinations, 2016 were declared on 08.02.2017.
13. An exhaustive panel of question paper-setters/ moderators has been prepared for the ensuing even semester end term examinations to be held in May/June, 2017 and got it approved by the University authority.
14. Appointment letters to the empaneled paper setters for the ensuing even semester end term examinations, 2017 are being prepared and issued.
15. Results of B.Pharm 5th semester (Regular) examination, 2016 were declared on 14.02.2017. Out of a total of 59 candidates appeared, 49 candidates have cleared the said examination; the pass percentage being 83.1%.
16. Results of B.Tech 1st semester (Regular) examination, 2016 were declared on 15.02.2017.
17. Results of B.Sc. (Applied Physics, Computer Science) and M.Sc. (Applied Physics) 1st semester examination, 2016 were declared on 15.02.2017.

PUBLICATIONS DURING (DECEMBER 2016-FEBRUARY 2017):

1. Rajput M, Vala S, Srinivasan R, Abhangi M, Subhash, P.V, Pandey B, Rao CVS; Bora D,2016," Calculated differential & double differential cross section of DT neutron induced reactions on natural Chromium (Cr)"

Indian Journal of Physics

2. S Ghosh, Bora D,et. al., 2016, Formation of annular plasma downstream by magnetic aperture in the helicon experimental device," was published online today, 1 February 2017, in Physics of Plasmas (Vol.24, Issue 2).
3. Das K.K. Das H.R, Ghosh A.K., Sinhamahapatra K.P, 2016, " Damage Potential of Extreme wind events – Downburst and Tornado", Journal of Aerospace Engineering and Technology (ISSN: 2348-7887), Vol:6, no.2,pp 28-46,2016
4. Gogoi A, Das K K, 2016, Investigation of a Possibly EF2 Tornado That had occurred in the city of Shillong (India) on the 5th of April 2016", Journal of Aerospace Engineering and Technology (ISSN: 2348-7887), Vol:6, no.2,Case study,2016
5. Gogoi A, Das K K, 2016, " Wind related destructions in the Eastern India", Journal of Wind And Engineering (ISSN: 0973-0613), Vol. 12, No. 2, pp 1-6, 2015

INVITED LECTURES (DECEMBER 2016-FEBRUARY 2017):

Dhiraj Bora, Vice Chancellor

1. Fusion: A clean source of energy for the future , Cotton University Symposium – 2017, 28 January, 2017, Guwahati.
2. Initiative taken by India in magnetically confined Fusion Reactor, 13th National Symposium on Nuclear and Radiochemistry (NUCAR 2017), 7 February, 2017, Bhubaneswar.

Kalyan Kumar Das, Registrar

1. Numerical Simulation for fluid flow over Prismatic building, Workshop on "Introduction to Simulation of Mechanical System by using ABAQUS and MATLAB" at Assam Don Bosco University, Azara Guwahati

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