

**Student Achievements**

**Research and Innovation**

<b>Year of Award</b>	<b>Title of the Award (Research &amp; Innovation)</b>	<b>Name of the Awardee</b>	<b>Name of the Awarding Agency/ Details of the Award</b>
2016-17	Development of Polymer coated Iron-oxide Magnetic Nano-particles for targeted delivery of Anticancer Agent	Prof T K Maji, Chinmayee Saikia	Runner for 7th National Award for Technology Innovation in the category of "Research in field of Polymer Science and Technology for Researchers working in Academic Research Institute
2016-17	Best poster award	Mr. Debasish Sut	Best poster award in the National Conference on Renewable Energy Technology Utilization for Rural Development , NEHU-Shillong-Meghalaya
2016-17	Development of multi point temperature measurement system for low temperature application	Mr. Bhaskar Ranjan Tamuli	Best poster award in the International Conference on Energy Options for Tomorrow: Technology to Sustainability, The Neotia University, Kolkata
2017-18	Buti Young Scientist Award for "Cyclotron Effects on hot electron generation and their role in proton acceleration by a short pulse circularly polarized laser from over dense plasmas"	Mr. Deep Kumar Kuri	Prof. B. Buti, President Buti Foundation B-8 / 6042 Vasant Kunj New Delhi 110070, India  Tel : 91-11- 26130311  E-mail: bbuti@butifoundation.org css@butifoundation.org bimlabuti@gmail.com  Web: <a href="http://www.butifoundation.org">http://www.butifoundation.org</a>
2018-19	Phosphorus recovery as struvite: Recent concerns for use of seed, alternative Mg source, nitrogen conservation and fertilizer potential	Sampriti Kataki, Prof D C Baruah	Most Cited Paper 2018 by Elsevier
2018-19	Characterization of Ipomea Soil Application	Ms. Rumi Narzari	Best paper Award in the 27th National Conference of Soil Conservation Society of India, AAU-Jorhat
2018-19	Effect of im-exchange based sensor debittering in chemical composition and phyto-chemical properties of Mousambi juice	Mr. Arun Kumar Gupta	Third Position in Young Investigator at PFFHeM 2019, Tezpur University, Assam 784028, India
2018-19	Extremely low-cost paper-based SERS substrate for detection and analysis of arsenic level in the water	Ms. Sritam Biswas	National Conference on Light Matter Interaction at Nanoscale 2019

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2019-20	Possibility of Waste Aluminium Can for Solar Air Heater through Thermal Performance Studies.	Mr Harajyoti Das	IconSWM Excellence award for poster in IconSWM-CE 2019 at KIIT University, Bhubaneswar, India from 27/11/2019 to 30/11/2019
2019-20	Determination of Pomelo Fruit Biochemical Properties	Mr Arun Kumar gupta	Best Poster Award in the 27th IcFOST by the AFST(I)-HQ and Tezpur University
2019-20	Characterization of Essential Oil from Citrus Maxima	Ms Monica Yumnam	Best Poster Award in the 27th IcFOST by the AFST(I)-HQ and Tezpur University
2019-20	Estimating RNA Secondary Structure by Maximizing Stack Regions	Ms Piyali Sen	Best Paper Award at ICCCIoT 2020, Department of IT, Tripura University, India. Email: iccciot@gmail.com, www.iccciot.com
2019-20	Longitudinal wave spectra in magnetized collisional dusty plasma	Ms Pratikshya Bezbaruah	Best Oral Presentation at NCP-2020 by Center for Plasma studies, Jadavpur University, Kolkata 700032 in collaboration with Department of Mathematics, Jadavpur University, Kolkata 700032 and Advanced Centre for Nonlinear and Complex phenomena, Kolkata Bidhannagar, Kolkata, West Bengal 700054
2019-20	Distributed Denial of Service Attack Detection using Data Mining Techniques	Dr. Nazrul Hoque	2nd Best Doctoral Thesis Award at the 3rd ISEA Int'nlConf on Security and Privacy (ISEA-ISAP 2020) at IIT Guwahati
2019-20	Fabrication of Real-time Monitoring Device for the Degradation of Bitter Compounds in Citrus Fruit Juices	Mr Arun Kumar gupta	Best Poster Presentation by the National Conference on Food Safety Nutritional Security and Sustainability at the University of Delhi
2019-20	Rajendra Yadav Hans Katha Samman	Ms Preeti Prakash	Hans Patrika
2020-21	Fabrication of Real-time Monitoring Device for the Degradation of Bitter Compounds in Citrus Fruit Juices	Mr Arun Kumar gupta	Young Achiever Award by the Institute of Scholar
2020-21	Energy analysis of a mixed mode corrugated aluminium alloy (AlMn1Cu) plate solar air heater	Ms Pooja Dutta	Best paper award in ICAMEN 2021 by Manipal University, jaipur and NIT Uttarachal (18-20/03/21))
2020-21	IoT Based Low Cost Mechanical Ventilator for Eemergency Use	Ms Ankita Das, Mr Aniket Raj, Mr Manish Kumar, Mr Bihung Muchahary	AEC Class'88 Foundation House No. 18, Mathura Nagar, Dispur, Near Hari Mandir, P.O.: Assam Sachibalaya, Pin: 781009, Assam