



# Assam down town University

Established vide The Assam Act No. VIII of 2010, Gazette No.LGL9/2010/II

## ANNUAL REPORT - 2021-2022



### Choice of A

Organized by- AdIU Music Club  
"Music can change the world"

Category

Indian/Hindi / Assamese / Western

#### Rules & Regulations

- Solo Song
- Time limit - Maximum 3 Minutes
- Student of AdIU
- Participants should not perform the same track or a single
- Prizes will be given to the winners
- Hosting will be done by AdIU
- The registration will be done by AdIU

#### Winner

Date: 15th Nov 2021  
Time: 4:00 PM

# CONTENTS

Vision, Mission and Core Values	3
Chancellor's Message	4
Foreword	5
University at a Glance	6
Accreditations	7
Distribution of newly admitted students	9
The Curriculum, Syllabi and Courses	12
The Teaching, Learning and Evaluation Process	14
Academic Performance	15
Graduation Ceremony	21
Human Resource	22
Faculty Development Initiative	23
Ascends in Research Front	24
Research Outcomes	25
Extramural funds	26
SEED Support	28
Research highlights	34
Research Publications	38
Innovative Research	49
Consultancy- a way of Revenue	53
Meet and Exposure	54
Alliance for Growth	61
Outreach Activities	62
Honors and Recognitions	63
Start-up incubated	69
Leadership & Governance	71
Governing Body and Finance Committee	72
The Board of Management	73
The Academic Council	74
IAQC at a Glance	75
Quality Assurance Initiatives	76
Campus activities at a glance	77
Sports activities at campus	90
Outreach activities at a glance	91
Glimpse of Campus Life	99
Infrastructure	100
Capability enhancement and development schemes	105
Financial support to faculties for conferences, workshops	106
Events and Celebrations	107
Academic Events	111
Alumni association activities	117
Equity and Inclusive Philosophy	118
Accolade	120

## VISION

To become a Globally Recognized University from North Eastern Region of India, Dedicated to the Holistic Development of Students and Making Society Better

## MISSION

Creation of curricula that address the local, regional, national, and international needs of graduates, providing them with diverse and well-rounded education.

Build a diverse student body from various socio-economic backgrounds, provide exceptional value-based education, and foster holistic personal development, strong academic careers, and confidence.

Achieve high placement success by offering students skill-based, innovative education and strong industry connections.

Become the premier destination of young people, desirous of becoming future professional leaders through multidisciplinary learning and serving society better.

Create a highly inspiring intellectual environment for exceptional learners, empowering them to aspire to join internationally acclaimed institutions and contribute to global efforts in addressing critical issues, such as sustainable development, Climate mitigation and fostering a conflict-free global society.

To be renowned for creating new knowledge through high quality interdisciplinary research for betterment of society.

Become a key hub for the growth and excellence of AdtU's stakeholders including educators, researchers and innovators

Adapt to the evolving needs and changing realities of our students and community by incorporating national and global perspectives, while ensuring our actions are in harmony with our foundational values and objectives of serving the community.

## CORE VALUES

**Integrity:** Build relationships through trust, honesty and mutual respect.

AdtU operates with the following Core Values

- Human Dignity, Empathy and Humility
- Academic Integrity, Excellence and Leadership
- Interdisciplinary Approaches, Excel Research, Innovation and Entrepreneurship
- Diversity, Inclusivity, and Social Responsibility
- Collective, Co-ordinated and Co-operative Endeavors

**Our Motto**

Excellence and Integrity are Virtues in Every Action



# Assam down town University

## Office of the Chancellor

Sankar Madhab Path, Gandhinagar, Panikhaiti, Guwahati – 781026, Assam (India)

### Chancellor's Desk



The past year (2021-22) reflects yet another chapter of dedication and hard work from the Assam down town University (AdtU) community. I extend my sincere appreciation to the students, faculty, administrators, finance staff, and field workers for their unwavering commitment.

With the official implementation of NEP 2020, the educational landscape in India is on the brink of a transformative revolution. To fully embrace the holistic development envisioned by NEP 2020, AdtU faces the challenge of shaping its course structure to emphasize multidisciplinary, the integration of research with academics, industry-academic collaborations, international relations, skill-based learning, and a focus on indigenous knowledge and vernacular languages. I am pleased to see AdtU's proactive steps in these areas.

It is heartening to witness the rich diversity within the AdtU student body which is comprised of students from various states across India and three international countries. This diversity fosters an environment where students can learn the values of social harmony, brotherhood, tolerance, and cooperation essential for building a peaceful and prosperous society.

Additionally, AdtU's progress in research is commendable as demonstrated by the external research funding received from various agencies, as well as the high-quality research publications and patents achieved by our faculty. As we approach the second decade of AdtU since its establishment in 2020, the University is well-positioned for significant breakthroughs in academics and research.

I extend my heartfelt gratitude to all stakeholders of AdtU for their continued and steadfast support.

**Dr. N.N. Dutta**  
Chancellor  
Assam down town University





# Assam down town University

## Office of the Vice Chancellor

SankarMadhab Path, Gandhinagar, Panikhaiti, Guwahati – 781026, Assam  
(Permission Granted Via THE ASSAM ACT NO. VIII of 2010, Gazette No. LGL9/2010/11)

Website: [www.adtu.in](http://www.adtu.in) | Phone No. (+91) 0361-7110714 (Direct), 7110711 (Office) | email: [vc@adtu.in](mailto:vc@adtu.in)

*Prof. (Dr.) Narayan Chandra Talukdar*  
Vice Chancellor

### FOREWORD

It is with great pleasure that I present the Annual Report for 2021-22 to all stakeholders of Assam down town University (AdtU). Established in 2010, our university has now completed the first decade of its academic journey. Over the past ten years, we have experienced significant growth, reflected in both our student intake and our academic outcomes.

In the academic year 2021-22, we welcomed 1,585 students across various programs which record an impressive fivefold increase from the 300 students admitted in our inaugural year. Similarly our faculty has grown from 50 teachers in our first year to current 314 full-time faculty members teaching across 47 programs. This expansion highlights the substantial academic progress of AdtU.

During the past year, 961 final-year students earned their Bachelor's and Master's degrees, and 12 research scholars were awarded Ph.D. degrees. Currently, 31 research scholars are pursuing their doctoral studies. We believe that a vibrant research ecosystem is crucial for the advancement of higher education. To this end, we have implemented policies to support research, including awarding 37 seed grants ranging from 2 to 5 lakh rupees per faculty Principal Investigator. The success of our Faculty Development Program and research grant writing workshops is evident in the increased number of competitive research proposals submitted to various government and non-government funding agencies. This year, six external research grants were secured, which will further strengthen our research capabilities. This increase in research activity is also reflected in the rise of publications and patents from AdtU.

Our commitment to enhancing quality has led us to forge collaborative research partnerships with several national R&D institutes and a number of international universities. Additionally, the past year has seen a surge in organization of seminars, conferences, workshops, and exchange activities, both online and in-person. The COVID-19 pandemic was a pivotal moment for us, driving the expansion of our digital infrastructure, online teaching platforms, and automation in examination and management systems.

This Annual Report for 2021-22 offers a detailed overview of our achievements and activities, showcasing the dedication of the entire AdtU community. I extend my heartfelt thanks to every member of the AdtU family for their relentless efforts throughout the year, and I also wish to express my gratitude to our well-wishers for their continued support. I trust that you will find the progress and accomplishments of AdtU during this academic year both impressive and inspiring.

Warm regards,

Prof. N.C. Talukdar

1.	Vice Chancellor	:	Prof. (Dr.) N. C. Talukdar
2.	Institutional Status	:	Private University
3.	NAAC	:	B, 2.23 CGPA
4.	Others	:	ISO 1900-2015, Membership in AIU(Association of Indian Universities)
	Received award for Best Private University in North East for Industry Interface 2022 by Centre for Education Growth and Research (CEGR)		
	Received a certificate from News 18 Assam for Excellence in Education Legacy in Assam		
	Received certificate from Innovation Cell, Ministry of Education, Govt. of India, to promote Innovation and Start up in campus.		
	Received certificate from National IP Awareness Mission (NIPAM), Ministry of Commerce and Industry, Govt. of India for active participation.		
5.	Quality Enhancement and Outcomes		
a.	Conferences, Seminars, Workshops on quality conducted	:	Organized a webinar on “Intellectual Property (IP): Rights, Needs and Awareness for Academia” (12/1/2022)
b.	Academic Administrative Audit (AAA) and initiation of follow up action	:	1. Conducted an academic and administrative audit internally 2. NAAC Mock audit was conducted and external auditors were invited 3. NAAC External Audit was conducted and external auditors were invited
c.	ISO Certification. and nature and validity period	:	Renewal of ISO 9001:2015 certification Valid till 7th February,2025
d.	Participation in National/International Rankings	:	Participated in NIRF 2021 and Mental Health and wellbeing (MHW) Ranking 2021
e.	Collaborative quality initiatives with other institution(s) (Provide name of the institution and activity)	:	1. Daffodil International University, Bangladesh Initiatives: Research, Faculty Exchange through MoU 2. Institute of Bioresources And Sustainable Development Initiatives: Research and consultancy through MoU
f.	Orientation programme on quality issues for teachers and students organised by the institution	:	Induction program for the new faculties and the staff (30/05/2022)
06.	Number of programmes	:	<b>47</b>
07.	Number of Courses	:	<b>1580</b>
08.	Students Admitted	:	<b>1585</b>
09.	Number of PhD Scholar enroll	:	<b>31</b>
10.	Outgoing Students	:	<b>1012</b>
11.	Full Time Teacher	:	<b>314</b>
12.	Number of Seed Project	:	<b>37</b>
13.	Number of extramural funded project (Govt.)	:	<b>06</b>
14.	Number of extramural funded project (Non-Govt.)	:	<b>87</b>



  
 University Grants Commission  
 Ministry of Human Resource Development, Govt. of India  
 Bahadurshah Zafar Marg, New Delhi-110002  
 Phone : 011-2304329, 011-2304431

www.ugc.ac.in  
 E-mail : [ugc@ugc.ac.in](mailto:ugc@ugc.ac.in)

  
 November, 2019

**SPEED-POST**  
 F.No.8-26/2010 (CPP-IPU)

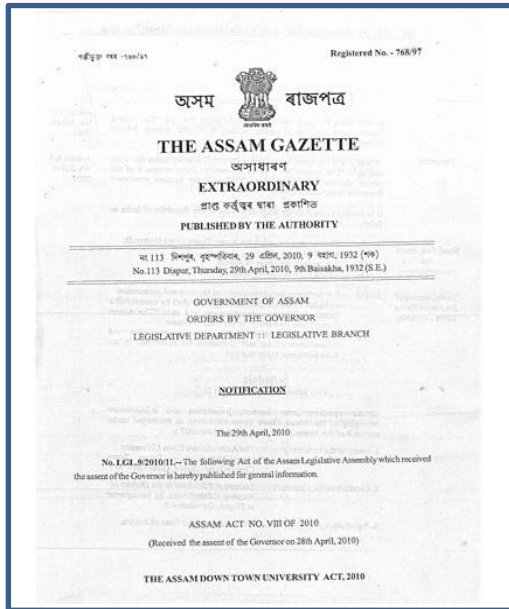
**The Registrar,**  
**Assam Down Town University**  
**Sankar Madhab Path, Gandhi Nagar**  
**Panikhati**  
**Guwahati - 781 036**

**Subject:** Status of Assam Down Town University under section 2(f) - regarding

Madam,

With reference to your mail dated 01.10.2019 on the subject cited above, I am directed to inform you that Assam Down Town University, Sankar Madhab Path, Gandhi Nagar, Panikhati has been established by an Act of the State Legislature of Assam as a Private University and is empowered to award degrees as specified under Section 22 of the UGC Act, 1956 through its main campus in regular mode with the approval of Statutory Bodies/ Councils wherever it is required, after creating required academic and physical infrastructure facilities including library, laboratories and appointment of teaching and supporting staffs as per the norms and standards laid down by UGC and other relevant Statutory Council (s). The name of the University has been included in the list of Universities established as per Section 2 (f) of the UGC Act, 1956.

Yours faithfully,  
  
 Pundia Mahajan  
 Under Secretary



Certificate IN1905894  
 The management system of  
**Assam Downtown University**




Sankar Madhab Path, Gandhi Nagar, Panikhati, Guwahati, Assam, India  
 has been assessed and certified as meeting the requirements of  
**ISO 9001:2015**  
 For the following activities:  
 Provision of Higher Educational services.

The certificate is valid from 16 March 2022 until 07 February 2025 and remains valid subject to satisfactory surveillance audits.  
 Issue 2. Certified since 07 February 2010  
 Last certificate expiry date 07 February 2022  
 Recertification audit date 18 January 2022  
 Authorized by  
  
 SGS Level 3 Register Ltd  
 Registered Office: Park House, Park Circus, CHENNAI, IN  
 T: +91 (0)44 28388888 [www.sgs.com](http://www.sgs.com)






For Archna Madgal  
 Registrar-cum-Secretary  
 PCI

  
**PHARMACY COUNCIL OF INDIA**

E-mail : [registrar@pci.nic.in](mailto:registrar@pci.nic.in) NBCC Centre, 3rd Floor Plot No.2, Community Centre  
 Website : [www.pci.nic.in](http://www.pci.nic.in) Ma Anandamayi Marg Okhla Phase I  
 Contact : 011-61299900/01/02/03 NEW DELHI - 110020

**DECISION LETTER**

**Institute Name / Inst ID :** Department of Pharmacy Faculty of Pharmaceutical Science Assam down town University/PC-I-548  
**State :** ASSAM  
**District :** KAMRUP METRO  
**Sub-District :** Chandrapur  
**Village/Town/City :** Panikhati  
**Pin Code :** 781026



Sir/ Madam

With reference to the subject cited above I am directed to convey the approval of PCI as per Following Details:

Course	Name of Affiliation	Decision	Approval Status
B.Pharm	The Registrar Assam Down Town University Sankar Madhab Path Gandhinagar Panikhati Guwahati	Annexure-7 Item No.52 of of 111 CC (6 & 7 April, 2021) B.Pharm course is already approved upto 2024-2025 academic session for 100 admissions.	Approved
B.Pharm(Practice)	The Registrar Assam Down Town University Sankar Madhab Path Gandhinagar Panikhati Guwahati	Annexure-7 Item No.52 of of 111 CC (6 & 7 April, 2021) B.Pharm (Practice) course is already approved upto 2024-2025 academic session for 40 admissions.	Approved
D.Pharm	The Registrar Assam Down Town University Sankar Madhab Path Gandhinagar Panikhati Guwahati	Annexure-7 Item No.52 of of 111 CC (6 & 7 April, 2021) D.Pharm course is already approved upto 2024-2025 academic session for 60 admissions.	Approved

M.Pharm Pharmaceutics	The Registrar Assam Down Town University Sankar Madhab Path Gandhinagar Panikhati Guwahati	Annexure-7 Item No.52 of of 111 CC (6 & 7 April, 2021) M.Pharm (Pharmaceutics)-09	Approved
M.Pharm Pharmacology	The Registrar Assam Down Town University Sankar Madhab Path Gandhinagar Panikhati Guwahati	Annexure-7 Item No.52 of of 111 CC (6 & 7 April, 2021) M.Pharm (Pharmacology) 06	Approved

Date : 20th Jul 2021

Copy to:

- i) Registrar of the University
- ii) Principal of the college
- iii) Secretary/Chairman of the Trust/Society
- iv) Guard File (PCT)

Note: Validity of the course details may be verified at [www.pci.nic.in](http://www.pci.nic.in).



**All India Council for Technical Education**  
(A Statutory body under Ministry of Education, Govt. of India)  
Nelson Mandela Marg Vasant Kurg, New Delhi-110070 Website: www.aicte-india.org

**APPROVAL PROCESS 2021-22**  
**Extension of Approval (EoA)**

F.No. Eastern/1-9318601341/2021/EDA Date: 25-Jun-2021

To,  
The Add: Chief Secretary  
(Higher & Tech. Education) Govt. of Assam,  
Block-C, 3rd Floor Assam Secretariat Dispur  
Guwahati-781006, Assam

Sub: Extension of Approval for the Academic Year 2021-22  
Ref: Application of the Institution for Extension of Approval for the Academic Year 2021-22  
Sir/Madam,


In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Education) (1<sup>st</sup> Amendment) Regulations, 2021 notified on 24th February 2021 and other notifications as applicable and published from time to time, I am directed to convey the approval to

Permanent Id	1-3867785	Application Id	1-9318601341
Name of the Institution/University	ASSAM DOWN TOWN UNIVERSITY	Name of the Society/Trust	DOWNTOWN CHARITY TRUST
Institution/University Address	SHANKAR MADHAB PATH, GANDHINAGAR, PANIKHAITI, GUWAHATI, KAMRUP, Assam, 781026	Society/Trust Address	G.S. ROAD, DISPUR,DISPUR,KAMRUP, METROPOLITAN,Assam,781056
Institution/University Type	Private-Self Financing	Region	Eastern

To conduct following Programs / Courses with the Intake Indicated below for the Academic Year 2021-22

Program	Level	Course	Affiliating Body (University /Body)	Intake Approved for 2020-21	Intake Approved for 2021-22	NRI Approval Status	PN / Gull quota/ OCU/ Approval Status
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	CIVIL ENGINEERING	ASSAM DOWN TOWN UNIVERSITY	120	120	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	MECHANICAL ENGINEERING	ASSAM DOWN TOWN UNIVERSITY	30	30	NA	NA
ENGINEERING AND TECHNOLOGY	UNDER GRADUATE	COMPUTER SCIENCE & ENGINEERING	ASSAM DOWN TOWN UNIVERSITY	60	60	NA	NA

Application No: 1-9318601341 ALL INDIA COUNCIL FOR TECHNICAL EDUCATION Page 1 of 3  
Note: This is a Computer generated Report. No signature is required. Printed by: an369321 Letter Printed On 18 August 2021

**भारतीय उपचर्या परिषद्**  **INDIAN NURSING COUNCIL**  
4th Floor, NDA C Centre, Post No. 24, Connaught Place, New Delhi-110028  
Statutory Body under the Ministry of Health & Family Welfare

File No. : 18-04/3703-INC Date: 23/09/2021

To  
The Principal,  
Faculty of Nursing,  
Vill.- Panikhaiti, Tehsil- Chandrapur,  
Distt.- Kamrup Metro, Pin Code - 781026  
Assam.

Subject : Renewal of Suitability for the academic year 2021-2022.

Ref : Society/Trust : Down Town Charity Trust  
Parent Hospital : Down Town Hospital  
Institution Code : 041094

Sir/Madam,

Reference to your application no. 10662 dated 22/05/2021 for Renewal of Suitability, The INC after examining the particulars and documents submitted/uploaded is pleased to renew the **Suitability** of your Institution i.e. Faculty of Nursing, for the academic year **2021-2022** as per particulars given below

Sl.No.	Programme Code	Programme	Annual Intake
1	0410003	PBB.Sc(N)	40 (Forty)
2	0404005	M.Sc(N)	15 (FIFTEEN) MED-SURG-5 CHN-5 OBG-5
3	0403005	B.Sc(N)	60 (Sixty)
4	0402030	G.N.M.	40 (Forty)
5	0401017	A.N.M.	40 (Forty)

With the issuance of this letter your institution's name has been included in the list of nursing Institutions posted at Indian Nursing Council website for the academic year 2021 - 2022.

This renewal has been granted subject to the Institution complying with the observations enclosure at Annexure-1 as per prescribed INC norms. The compliance/rectification shall be fulfilled immediately. Further the compliance report shall be submitted within 30 days from the date of issue of this letter.


Signature valid  
Yours faithfully,  
Digitally Signed by: S. S. Das  
Joint Secretary (Nursing)  
Date: 18/09/2021 10:54:14 IST  
Location: New Delhi

This issues with the approval of Competent Authority.

Page 1 of 4

शुद्धित्व प्रमाणित है। प्रमाणित करने वाले का नाम और पता: सचिव, भारतीय नर्सिंग परिषद्, 4<sup>थ</sup> फ्लोर, एन.डी.सी. केंद्र, पोस्ट नं. 24, कान्नाउट प्लेस, नई दिल्ली-110028।  
Website: www.inc.in | Email: info@inc.in | Phone: 011-66616800, 66616821, 66616822

Dr. (Mrs.) Pankaj Mittal  
(Former Vice-Chancellor, BPS Baneswar University, Baneswar)  
Secretary General

 **Association of Indian Universities**  
AIU House, 16, Connaught Place, New Delhi-110 002

**भारतीय विश्वविद्यालय संघ**  
ए.आई.यू. हाउस, 16, कान्नाउट प्लेस, नई दिल्ली-110 002

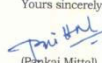
AIU/Meet/Mem/2022  
January 05, 2022

Dear Prof. Talukdar,

Welcome to AIU fraternity!

I am glad to inform you that the Association of Indian Universities (AIU) has considered the application of **Assam Down Town University, Guwahati, Assam** for grant of membership of AIU and resolved to grant the same with effect from **April 01, 2021** and placed it in the **East Zone**.

I am enclosing a copy of the conditions for granting membership, approved by the General Body of the Association at its 64<sup>th</sup> Annual Meeting (Business Session) held on November 14, 2009 for your perusal (Annexure-I).

With regards,  
Yours sincerely,  
  
(Pankaj Mittal)

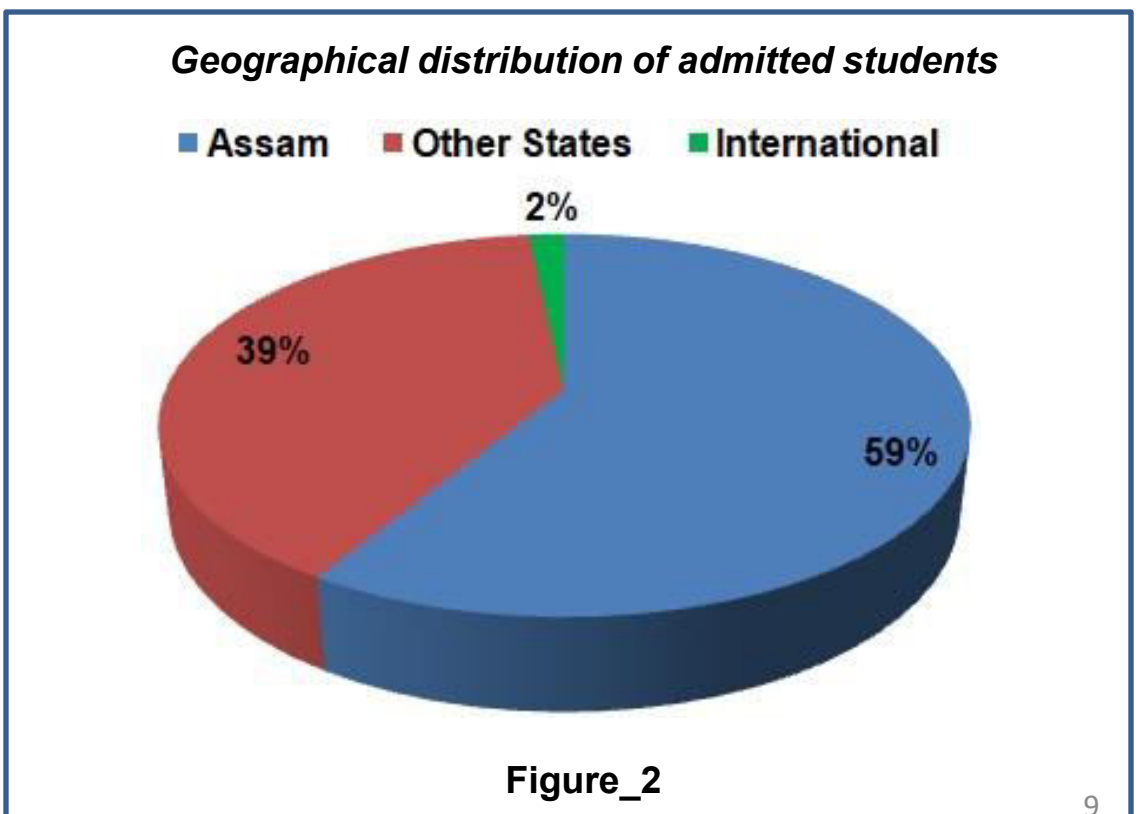
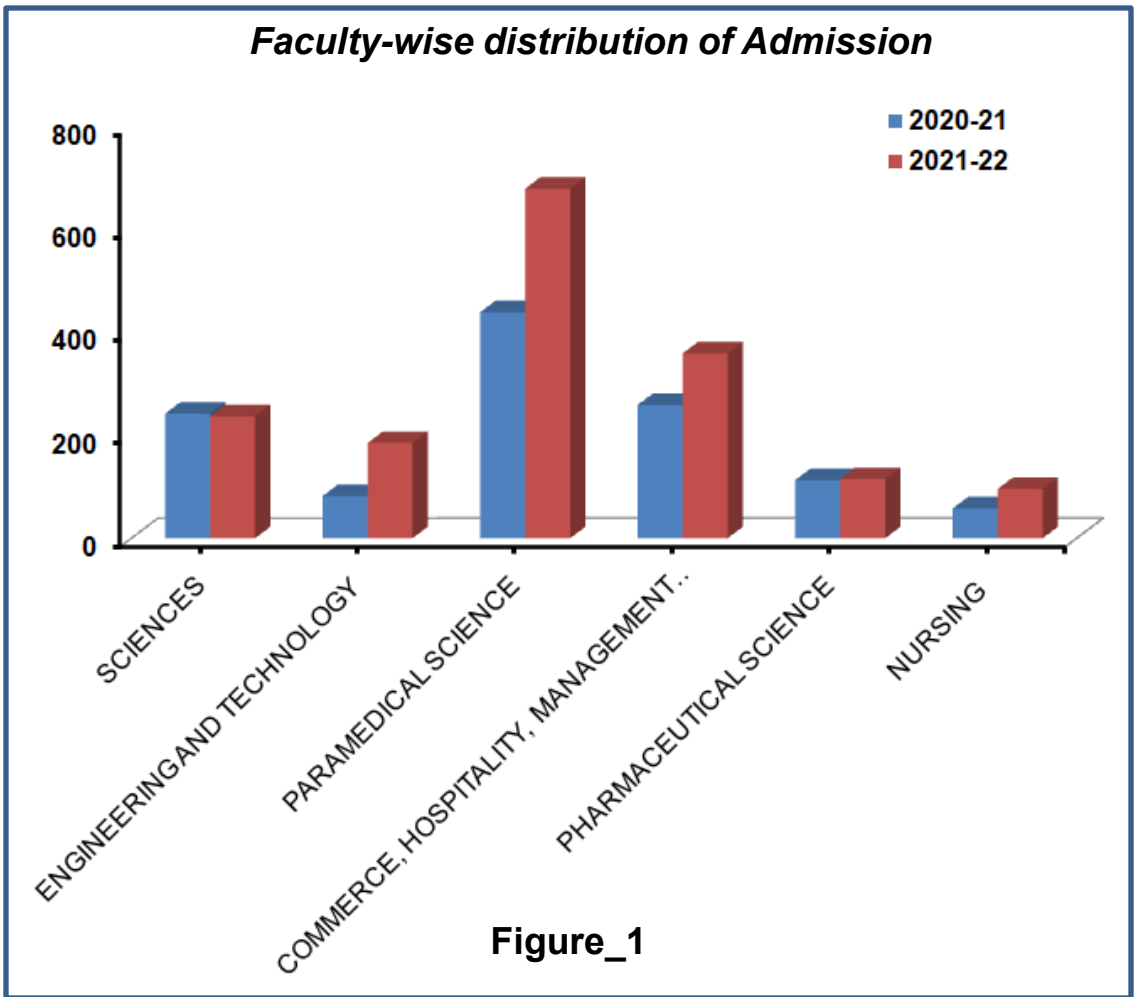
Encl: As above

**Prof. (Dr.) N.C Talukdar**  
Vice Chancellor  
Assam Down Town University  
Shankar Madhab Path, Gandhinagar,  
Panikhaiti, Guwahati,  
Assam, India, Pin-781026.  
vc@adtu.in;

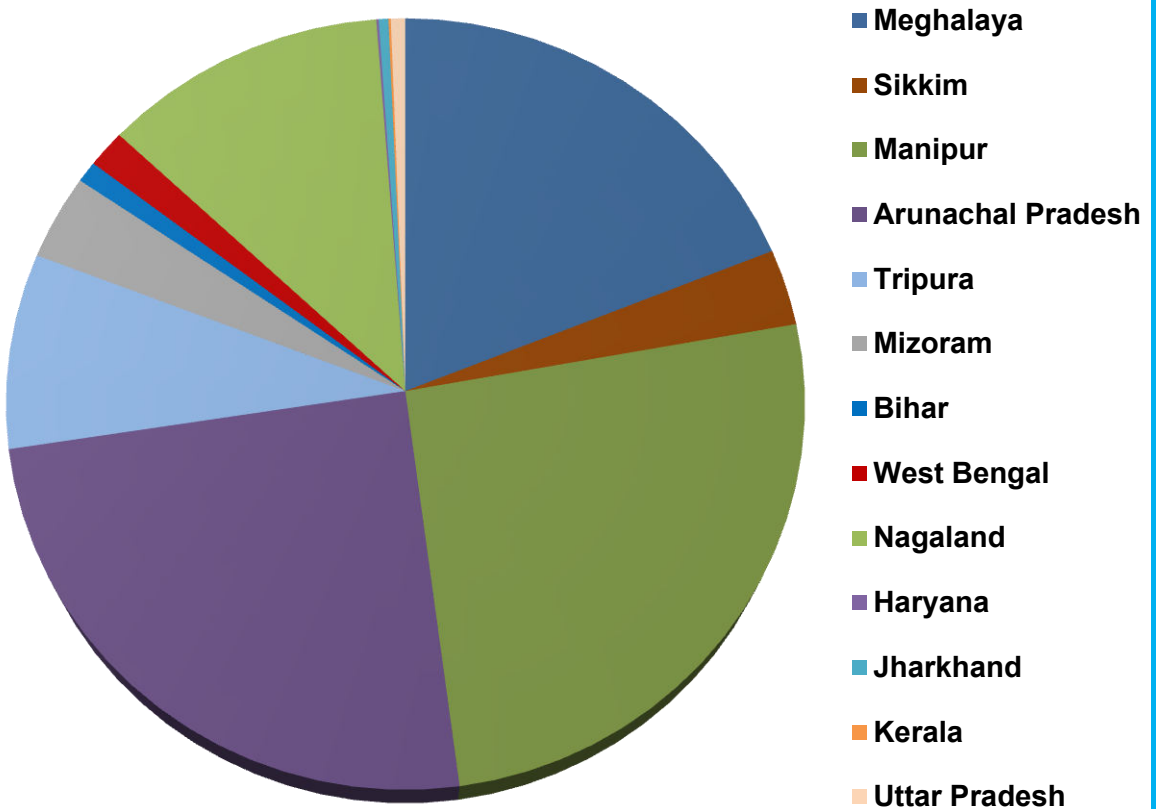
AIU House, 16, Connaught Place, New Delhi-110 002  
Phone: +91 11 2323 6105 Fax: +91 11 2323 2191 E-mail: spoffice@aiu.ac.in, pankajmittal@gmail.com Website: www.aiu.ac.in





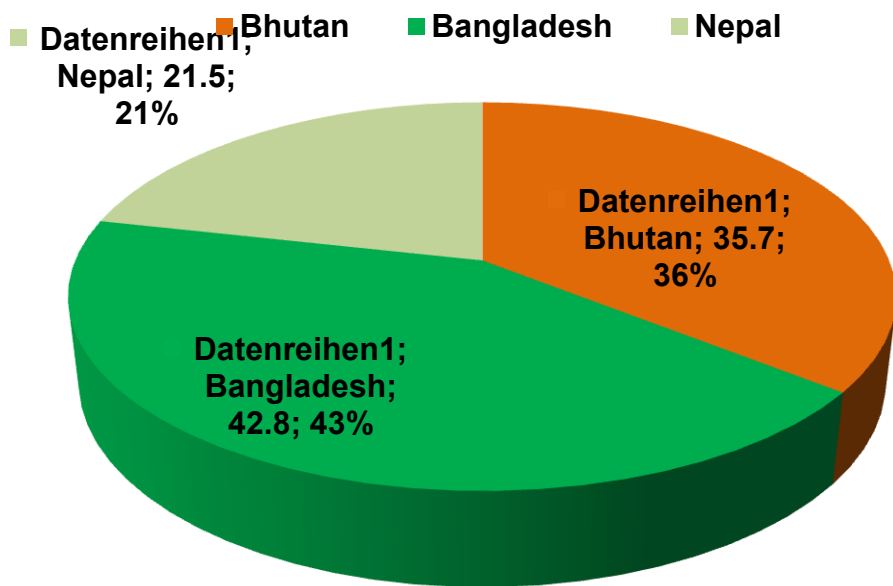


**State-wise distribution of Indian students**



Figure\_3

**Country-wise distribution of International Students**



Figure\_4

**PROGRAM-WISE ADMISSION UNDER  
VARIOUS FACULTY OF STUDIES  
(FY\_2020-21 & 2021-22)**

Faculty of Studies	Program name	Code	Number of Students admitted	
			2020-21	2021-22
SCIENCES	B.Sc. Biotechnology	BBT	54	33
	B.Sc. Microbiology	BMB	60	25
	M.Sc. Biotechnology	MBT	16	28
	M.Sc. Microbiology	MMB	23	37
	M.Sc. Botany	MSCB	7	19
	M.Sc. Zoology	MSCZ	8	19
	B.Sc. Food, Nutrition & Dietetics	BFN	33	39
	M.Sc. Food, Nutrition & Dietetics	MFN	37	37
	M.Sc. Biochemistry	MBC	4	-
ENGINEERING AND TECHNOLOGY	B.Tech. Civil Engineering	BCE	33	75
	B.Tech. Computer Science & Engineering	BCS	44	48
	B.Tech. Mechanical Engineering	BME	5	23
	Bachelor of Computer Application	BCASP	-	26
	Bachelor of Computer Application (P)	BCA(P)	-	10
	B.Sc. Information Technology on Data Science	BSCIT	-	3
PARAMEDICAL SCIENCE	Bachelor in Advance Imaging Technology	BAT	81	184
	Bachelor in Dialysis Technology	BDL	31	44
	Bachelor in Optometry Technology	BOP	46	77
	Bachelor in Physiotherapy	BPT	102	127
	Master in Physiotherapy	MPT	8	15
	Bachelor in Trauma, Emergency & Disaster Management	BTD	31	18
	B. Sc. in Operation Theatre Technology	BOT	38	33
	Bachelor of Medical Laboratory Technology	BML	86	145
	Masters in Medical Laboratory Technology	MML	8	14
	Master of Emergency and Critical Care	MEC	8	5
	Bachelor of Critical and Intensive Care Technology	BSCCICT	-	17
COMMERCE, HOSPITALITY, MANAGEMENT AND SOCIAL SCIENCES	Bachelor of Arts in Psychology	BPY	26	38
	Bachelor of Arts in Sociology	BSL	19	16
	Master of Science in Clinical Psychology	MCP	27	25
	M.A. in Applied Psychology	MAP	5	6
	Bachelor of Business Administration	BBA	49	63
	Bachelor of Travel & Tourism Management	BTTM	17	11
	Bachelor of Social Work	BSW	16	13
	MBA in Health Care Management	MHM	18	17
	Bachelor of Hotel Management	BHMCT	21	13
	Master of Social Work	MSW	12	38
	Master of Business Administration	MBA(FT)	47	92
	Bachelor in Performing Arts	BPA	2	3
	Master of Tourism and Travel Management	MTTM	-	9
	Master of Arts in Sociology	MSL	-	15
PHARMACEUTICAL SCIENCE	Master of Pharmacy	MPS	15	15
	Bachelor of Pharmacy	BPS	98	100
NURSING	M.Sc.-Nursing	MNU	13	13
	B.Sc-Nursing	BNU	58	60
	P.B. B.Sc. Nursing	PBN	-	36

The University follows the norms and regulations prescribed by various statutory bodies, such as UGC, AICTE, PCI, INC., etc., in designing and developing the curriculum and syllabus under respective programs. The syllabi for the current academic session included well-defined Program Learning Objectives (PLO), Program Outcomes (POs) and Course Outcomes (COs). During preparation of the curricula and syllabi of the academic year 2020-21, emphasis was given on holistic development of the students so that they emerge as responsible graduates with able leadership qualities to serve society. The suggestions of the peer review team of the first cycle of NAAC were also kept in view while preparing the syllabus. The curriculum and the content of the syllabus under respective programs reflected issues of regional, national, and global relevance and the student's perspective, i.e., analysis, evaluation of problems, and creativity to bring solutions to the problems encountered. For instance, the students of the Faculty of Engineering and Technology analyze, evaluate, and provide their creative ideas for solving the problems of landslides and floods during the rainy season in NE India. The syllabi of the Faculty of Sciences include specific areas for solving the issues relevant to fermentation of indigenous fruit resources and production of biofertilizers for organic agriculture, respectively. The specific health issues, such as metabolic syndrome and associated complications, and physical abnormalities, were addressed by the Faculty of Pharmaceutical Science, Paramedical Sciences, and Nursing. The economic and social issues of the villages and tribal population were incorporated in the syllabi of Humanities, Social Sciences and Management. The course, such as environmental science, was mandatorily included in all of the undergraduate programs for building awareness among students on the environment and climate change issues. The other courses include human values, ethics and bioethics, Intellectual Property Right (IPR), as common in curricula across all the programs.

Since the curriculum is dynamic and evolving with the ever-changing requirements of the industry and society at large, the University made provision for periodic revision of the course curriculum and syllabi. All of the programs consisted of courses from basic to advanced and applied to impart knowledge and skills required by the students for better social development and successful employment. The exposure of the students to industries, academic institutions, and research institutes combined with upskilling on personality development and interpersonal communication have been conducted for better placement in the current competitive job market. Most of the courses directly focused on skills, entrepreneurship, and experiential learning. The syllabus of all of the programs was revised by minor or major inclusion and/or deletion, including the Bachelor of Computer Application (BCA), Bachelor of Science in Information Technology (B.Sc. IT), Bachelor of Science in Critical and Intensive Care Technology (B.Sc. CICT), and Master of Arts in Sociology (MSL), which were extensively revised, incorporating relevant regional, national, and global issues.

The Faculty of Studies designed elective courses to raise awareness among students about other areas of study outside of their regular curriculum. The students can select those elective courses aligned with their interests and get maximum benefits. Such courses include Child Health Nursing, Medical Surgical Nursing, Mental Health Nursing, Nursing Research and Statistics, Psychology of the Human Mind and Behavior, Social Planning, Public Policy & Governance, Legal System in India & Criminal Justice, Social Work with Children and Youth, Dissertation Proposal, NGO Administration, Social Work Intervention with Differently abled, Social Work with Elderly, Gender and Social Work, Community Organization and Development, Rural and Tribal Development, Identifying Social Entrepreneurship Opportunities, Teamwork Skills: Communicating Effectively in Groups, Concept on Hindustani Classical Music, Indian Classical Dance, and Drama, Cultural History of North East India etc.



The curriculum of the programs of the reporting year 2021-22 was broadly categorized into three perspectives, such as Learning, research, and Social.

**The learning perspective** emphasized basic concepts and focused on the advanced and innovative aspects of the relevant disciplines. The perspective was accomplished by conducting regular theory and practical classes. The number of such classes, however, was dependent on the type and credit of the course. Additionally, creative or problem-solving assignments, group discussions, research projects, and the development of personality and interpersonal communication skills were also included as part of the curricula for developing their personality and professional skills, emphasizing enhancement of their cognitive ability and creative thinking.

**The research perspective** focuses on the development of students' analytical, evaluative, and creative thinking for solving various problems pertaining to the North Eastern region of India. The basic areas include food science, pharmaceuticals, agriculture, health sciences, and socio-economic developments. Students of undergraduate and postgraduate programs in their final semester have to undergo experimental or survey-based research on thrust areas emphasized by the Govt. of India and relevant to the issues in the North Eastern region of India.

The students of Paramedical Sciences had undergone internships in reputed pathological laboratories or hospitals and submitted their internship report to their respective programs. The students of Nursing had undergone health and welfare duties in the hospitals serving the patients. The students of biological sciences and pharmaceutical sciences had undergone experimental research in the fields of bioprospecting, biofertilizers, bioremediation, plant and animal taxonomy, and molecular biology. The students of Management, Hospitality, and Tourism concentrated their research on socio-economic development and the value addition of local food products to increase their market value. The Humanities and Social Sciences conducted surveys and outreach, essentially awaring the society about the importance of education and donating clothes and books to the needy. Further, explorations were made for enhancement of the market value of the products sold by the villagers from villages in the neighborhood of the University.

**The social perspective** included outreach programs in the adopted villages based on the needs of the villages. This was achieved by conducting various outreach programs such as adult education, healthcare education, hospitality and tourism, health camps, donations to flood victims, book donations, etc. All the members of the University, including students, teachers, and office staff, participated, and some of the programs were headed by the Faculty of Commerce Management, Humanities and Social Sciences, Nursing, Science (Food & Nutrition), and IQAC.

7 Faculty  
of Study

47  
Programs

1580  
courses

148 New  
courses

The University enhanced teaching learning ambience developing ICT enabled classrooms, Digital Library, Online Interactive System (OLS) for teaching, learning and evaluation processes. In the reporting year, all of the students were evaluated at three levels by conducting two written examinations within the ongoing semester and one semester end examination. The examinations within the ongoing semester was conducted by the respective programs of the Faculty of Studies and the semester end examination was conducted by the University Examination Department. The examinations within the ongoing semester was conducted to assess the progression of a student in his/ her area of study. Based on the performance of the student they were divided into slow or advanced learner. The slow learners were supported by conducting tutorial and/ or remedial classes. They were also mentored and encouraged to work hard and push themselves to the advance learner category by a mechanism of Mentor-Mentee effort of the University. The advanced learners were mentored, guided and supported for engaging themselves for high level scholarly activities. Many of the advanced learner initiated self learning and research activities guided by the faculty members and participated in scientific seminar and poster presentation and they assisted the faculty in their researches in various laboratories of AdtU. They published articles with their guide or mentors. This student centric activity provided appropriate pedagogy for participative and experiential learning. The Student-Faculty ratio (15:1) was optimally maintained during the academic year. Both students and faculty members extensively utilized ICT facilities, harnessing their potential for effective teaching and learning. The University ensured the recruitments of qualified and experienced faculty members through appropriate manpower planning. Most of the faculty members also received recognition in different fields, at state, national and international levels during the year. During the academic year the value added courses offered by AIMA BIZZLAB, Coursera were taken. The student numbers in these two categories were 75 and 114, respectively. Some other courses such as Cosmetic Science (158 students), Experimental Pharmacology (44), International Women's Health and Human rights (49), website development (22), Basic of computer (60), Nano-Science and Technology (30), Introduction to ERP through SAP (22), Application developer (215), Web Development Engineer (315) were also studied by students of various programs. The final year students had undergone research project or field projects in their respective field of studies pertaining to problems of their local areas.

The end-semester examinations were conducted under the active vigilance of the Examination Department of the University, headed by the Controller of Examination (CoE). One thousand one hundred sixty-eight (1168) students appeared in the final examination, and one thousand twelve (1012) succeeded with a success rate of about 91.52%. Those who could not qualify for their degree were allowed to reappear after 30–45 days of preparation. The faculty-wise number of graduated students is depicted in Figure 5, while the faculty-wise performance of the students in the end semester examinations is highlighted in Figure 6, which indicates that all faculties of studies performed almost equally well, with a percentage of 87.6, 85.4, 95.5, 87.4, 99.5, and 93.7 for faculties of Commerce, Hospitality, Management, and Social Sciences (CHMSS), Engineering and Technology (E&T), Nursing, Paramedical Science, Pharmaceutical Science (PHARMA), and Science (SCI), respectively.

The semester-end examination was started on 23rd August, 2021, and completed on 30th June, 2022, where the Department of Examination, along with 80% of the faculty members from different Faculty of Studies, participated as Examination Officer, Invigilators, Relievers and Observers for the smooth conduct. There were no untoward incidents during the examination; rather, it went smoothly.

The results were declared on 2nd August, 2022, according to the policy of examination of result declaration, which is within 15-20 days from the day of the examination completion. The Department of Examination seriously took the grievances and redressed them as early as possible, sometime within the two to three days of receiving them. Very few grievances, such as login problems and network failures, were received and resolved instantly by the student support team (Examination). A team was constituted by members from respective programs and the IT administrators. The students who genuinely could not appear because of internet issues were allowed to reappear as soon as it was restored. The examination was conducted in online mode; the questions were generated by the system automatically. A question paper generator was developed by the University, the algorithm chose questions randomly, and therefore each of the students had a separate set of question papers. The questions were of both objective and descriptive type. However, the question paper follows Blooms taxonomy for assessing the students in every aspect of their ability. The objective questions are verified directly by the algorithm based on the key answers hosted by the question bank. The descriptive questions were checked and evaluated by the respective course teachers. Post-result grievances included spelling errors in names, mostly which were rectified, and mark sheets were reprinted within two or three days. Some of the students applied for rechecking and revaluation of the descriptive questions.

## The Schedule for Examination for the Session

Sl/No.	Examination	Last date of class	Commencement of Exam	Declaration of results
01.	Odd Sem	12/01/2022	07/02/2022	
02.	Even Sem	30/06/2022	05/07/2022	02/08/2022

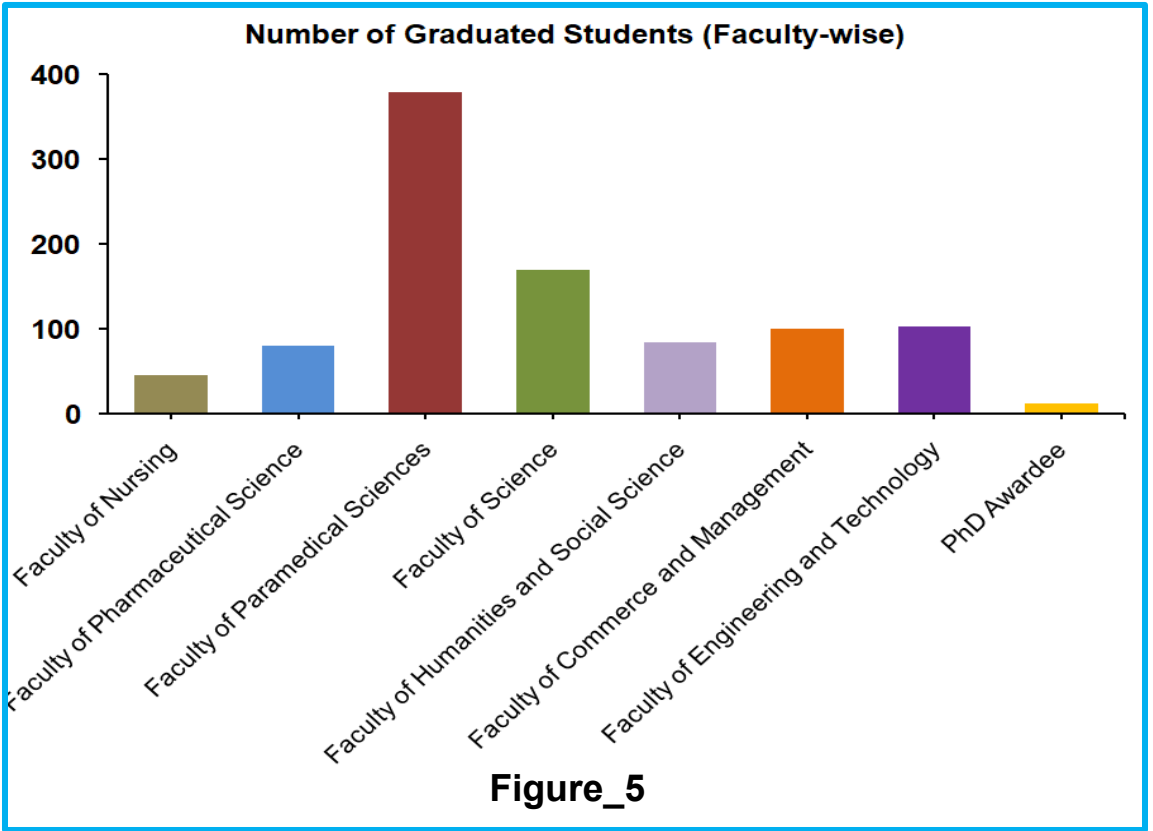
## The Examination Committee

Prof. N.C. Talukdar	Hon'ble Vice-Cancellor	Chairman
Prof. Bandana Dutta	Dean of Faculties	Member
Ms. Gariasi Dutta	Residential Trustee	Member
Mr. Joutishman Dutta	Managing Trustee	Member
Mr. Ashim Barman	Addl. Registrar	Member
Mr. Nitul Kr. Das	Dy. Registrar (Academic)	Member
Dr. B.K. Dey	Dean, Pharmaceutical Sciences	Member
Dr. Seema Sharma	Dean, Commerce & Management	Member
Mrs. Manashi Sengupta	Dean, Nursing	Member
Dr. Abhijit Dutta	Asso. Dean, Paramedical Sciences	Member
Dr. G.K. Sarmah	Sr. Dy. Controller of Examinations	Member Secretary
Dr. Debojit Bhattacharya	Dy. Controller of Examinations	Member
Dr. Animesh Gogoi	Dy. Controller of Examinations	Member
Dr. Anup Kr. Bordoloi	Dy. Controller of Examinations	Member
Dr. Joydeep Goswami	Controller of Examinations	Member

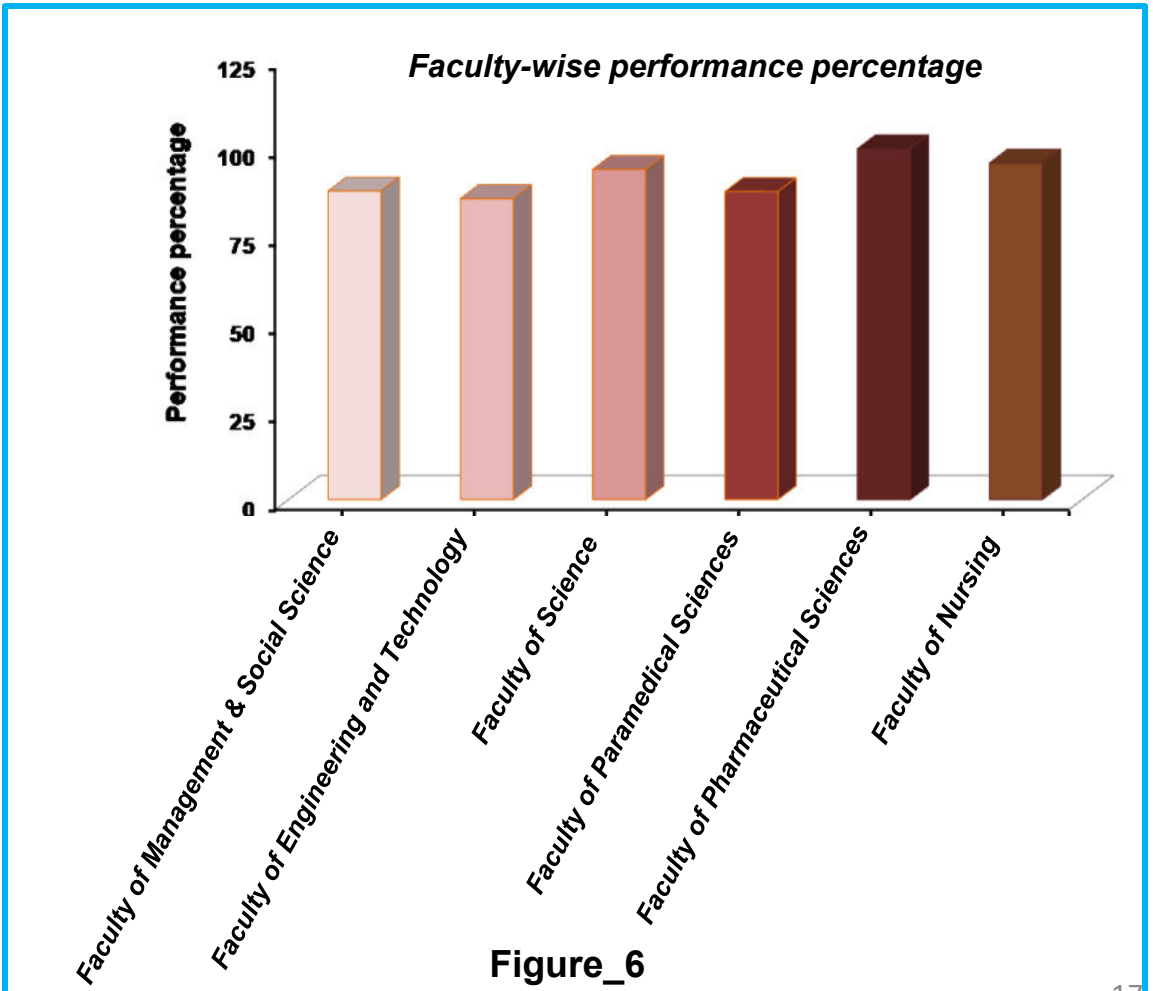
### **Faculty-wise distribution of Graduated students**

Faculty of Studies	Number (including UG & PG)
Humanities and Social Sciences	84
Commerce and Management	100
Paramedical Sciences	379
Science	170
Engineering and Technology	103
Nursing	45
Pharmaceutical Science	80
PhD Awardees (including all Faculty of Studies)	12
<b>Total</b>	<b>973</b>





Figure\_5



Figure\_6

# SUCCESS IN GRADUATION 2021-22

## ACADEMIC PERFORMANCE 2021-22

	Program Name	Appeared	succeeded	%
COMMERCE, HOSPITALITY, MANAGEMENT AND SOCIAL SCIENCES (CHMSS)	Bachelor of Arts in Psychology	22	22	100
	Bachelor of Arts in Sociology	10	8	80
	Bachelor of Arts in Tourism Management	25	17	68
	Bachelor of Business Administration	40	27	68
	Bachelor of Social Work	14	10	71
	Master of Business Administration	45	40	89
	Master of Business Administration (HC)	16	16	100
	Master of Science in Applied Psychology	5	5	100
	Master of Science in Clinical Psychology	27	27	100
	Master of Social Work	12	12	100
ENGINEERING & TECHNOLOGY (E&T)	B.Tech in Civil Engineering	102	77	75
	B.Tech in Computer Science & Engineering	16	13	81
	B.Tech in Mechanical Engineering	11	11	100
NURSING	M.Sc. Nursing	13	13	100
	Post Basic Nursing	32	29	91
PARAMEDICAL SCIENCES	Bachelor of Dialysis Technology	42	37	88
	Bachelor of Medical Laboratory	114	95	83
	Bachelor of Operation Theatre Technology	30	28	93
	Bachelor of Optometry	57	57	100
	Bachelor of Physiotherapy	82	64	78
	Bachelor of Radiography and Advanced Imaging Technology	123	107	87
	Bachelor of Trauma, Emergency & Disaster	36	19	53
	Master of Emergency & Critical Care	8	8	100
	Master of Medical Laboratory Technology	12	11	92
	Master of Physiotherapy	8	8	100
PHARMACEUTICAL SCIENCE (PHARMA)	Bachelor of Pharmacy	67	66	99
	Master of Pharmacy	15	15	100
SCIENCE (SCI)	B.Sc. Biotechnology	21	20	95
	BSc Food, Nutrition & Dietetics	37	36	97
	BSc Microbiology	37	32	86
	M.Sc Biotechnology	16	15	94
	M.Sc Zoology	8	8	100
	Msc Botany	7	7	100
	MSc Food, Nutrition & Dietetics	35	33	94
	MSc Microbiology	23	19	83
		1168	1012	87

## LIST OF PhD AWARDEES

Faculty	Discipline	Name of the supervisor(s)	Name of the Ph.D scholar	Research Topic	Date of Notification for award of PhD Degree
Science	Mathematics	Dr. Sujan Sinha	Maushumi Mahanta (ADTU/2015-19/PhD/112)	A Study of MHD Flow Problems with Heat and Mass Transfer	15-09-2022
	Biochemistry	Dr. Ananta Madhab Dutta/Dr.Madhab Lamsal	Sanjaya Kumar Shah(ADTU/2014-18/PhD/028)	A Study on Relationship between 25-hydroxy Vitamin D and Chronic Kidney Disease	15-09-2022
	Biochemistry	Dr. Jyotchna Gogoi/Dr.Ananta Madhab Dutta	Indrani Barman (ADTU/2014-18/PhD/067)	Studies on Bioactive Metabolites(s) of Fungal Endophyte(s) Isolated from Four Capsicum ssp.of Assam	15-09-2022
	Biotechnology	Dr. Manash Pratim Sarma/Dr. Rajeev Sarmah/Dr. Manabendra Nayak	Partha Pratim Kalita (ADTU/2013-17/PhD/009)	Genetic Polymorphism Studies of Glutathione S-Transferase (GST) and Heat Shock Protein (HSP)Genes in Patients with Liver Diseases	15-09-2022
	Mathematics	Dr. Sujan Sinha (Supervisor)	Manoj Kumar Sarma (ADTU/2015-19/PhD/101)	Studies of Linear and Non Linear MHD Flow Problems with Heat and Mass Transfer	15-02-2022
Commerce and Management	Management	Dr.Runu Bhattacharyya/Dr. Bibhuti Choudhury	Anil Thakuria (ADTU/2014-17/PhD/019)	Collage Library Management of Assam:A Case Study of Nalbari and Barpeta Districts	15-09-2022
	Management	Dr. Seema Sharma ( Supervisor ), Late Dr. SK Dutta	Tabrez Uz Zaman (ADTU/2015-19/PhD/107)	"Health Status and Health Behaviour of the Slum Dwellers in Assam and the Level of Health Awareness in the Slum Areas"-A Study of the Guwahati City	06-06-2022
Humanities and Social Sciences	Humanities and Social Science	Dr. Deepali Ojah/Dr. Dilip Kumar Jha	Trinayan Dutta (ADTU/2015-19/PhD/078)	Lakhimpur Zilar Mising Aru Sonowal Kachari Sakalar Loka Pariveshya Kala-ati Adhyayan	15-09-2022
	English	Dr. Gautam Sarma (Supervisor)	Munmi Hazarika (ADTU/2012-16/PhD/007)	Women in the Plays of Giris Karnad: A Study in Feminist Perspective.	15-02-2022

**Continued...**

## LIST OF PhD AWARDEES

Faculty	Discipline	Name of the supervisor(s)	Name of the Ph.D scholar	Research Topic	Date of Notification for award of PhD Degree
Pharmaceutical Science	Pharmacy	Dr. Raja Chakraborty (Supervisor) & Dr. M. Chinna Eswarraiah (Co-Supervisor)	Asish Bhaumik(ADTU/2014-18/PhD/058)	Synthesis, Characterization and Evaluation of Biological Activity of Some Novel Oxadiazole Derivatives	15-02-2022
Paramedical Science	Physiotherapy	Dr. Pratap Chandra Sarma	Madhusmita Koch(ADTU/2018-21/PhD/007)	Evaluation of the Effectiveness of Combined Kinetic Chain Exercises in the Treatment of Knee Osteoarthritis of Peri-Menopausal and Post Menopausal Women	15-09-2022
	MLT	Dr. Manash Pratim Sarma (Supervisor), Dr. BG Unni, Dr. AC Katakai (Co-Supervisor)	Lhakit Lepcha(ADTU/2015-19/PhD/106)	Identification of Diagnostic Marker in Oral Squamous Cell Carcinoma Cases from Assam with Special Emphasis to "Tamol Pan" Chewer's	15-02-2022



## GRADUATION CEREMONY 2021-22

The University organized its 9<sup>th</sup> annual convocation on the 16<sup>th</sup> of September, 2022. A total of **973** degrees were awarded, including twelve (12) PhD awards. **Prof. Jagdish Mukhi**, the Honorable Governor of Assam, and His Excellency was the Chief Guest.

The ceremony started with a procession to the convocation venue. The convocation ceremony was initiated after the National Anthem and Invocation Song (University Anthem) of AdtU.

The Chancellor, **Dr. N.N. Dutta**, delivered the welcome address. **Dr. Ranuj Pegu**, the Honorable Minister of Education and Welfare of Plain Tribe & Backward Classes, Government of Assam, addressed the audience. The "University Report" was presented by **Prof. (Dr.) N. C. Talukdar**, the Honorable Vice-Chancellor of AdtU.

The university conferred Doctors of Letters (Honoris Causa) to **Mr. Chiranjit Chaliha**, **Mr. Dinesh Shahra** and **Dr. M.S. Jadhav** for their outstanding contributions in the domains of *Entrepreneurship*, *Industry* and *Entrepreneurship* and *Finance* respectively. The Honorable Vice-Chancellor provided the brief introduction of the candidates prior to conferring their degree of D.Litt. (Honoris Causa) by the Honorable Governor of Assam and His Excellency.



**Gold Medals** to the **Best Postgraduate**, **Best Undergraduate**, **Best Placement Achiever**, and **AdtU Alumni** were awarded by the Guest of Honor, **Dr. Shekhar C. Monde**, Former Director General, CSIR, Govt. of India.

The primary component of the university education system, i.e., human resources/teaching staff, was selected following the prescribed criteria, rules, and regulations as per the UGC. The recruitments of the Human Resources/ Teaching staff were conducted by an appropriate selection committee headed by the honorable Vice-Chancellor of the University. In the academic year 2021-22, the University has a total number of 314 teaching faculties, comprising of 241 Assistant Professor/ Lecturer, 41 Associate Professors, 26 Professors and 06 guest faculties/advisors of various disciplines under different faculty of studies. For the specialized content of the courses, Scientists, Professors from academic and research institutions of both national and international repute, and industry professionals were also invited for lectures and/or guest talks for the benefit of the students. Additionally, the university has recruited a total of 40 technical staff and 48 non-teaching staff for efficient and smooth conduct of the University work.

Particulars	TEACHING MANPOWER												TOTAL
	Professor			Associate Professor			Assistant Professor/Lecturer			Guest Faculty/Advisor			
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
	19	7	26	29	12	41	108	133	241	3	3	6	314

Particulars	Technical Manpower			Non-Teaching Manpower		
	Male	Female	Total	Male	Female	Total
	6	34	40	30	18	48

Assam down town University conducts various faculty development programs for the comprehensive development of the faculty members. Additional to its academic inputs, the University also took initiative for the professional development of the faculty members by providing seed grants to promote their research activities and innovations. Additionally, the faculty members are financially supported for attending conferences, seminars, and academic meetings to encourage their self-development. The University further incentivizes those faculty members who perform well in teaching with the "Best Teacher Award" of the year. The best performers for electronic documentation among the faculty members are selected for awards. Some of the faculty members received awards from various external organizations of repute other than the University. For instance, Dr. Jai Shanker Pillai from the Faculty of Science received the Best Researcher Award from the International Research Award on Science, Technology, & Management.

Title of the Program	Date
Faculty Development Program on Quality Research Paper Writing and Publishing in High Impact Journals	19th to 25th August, 2021
AICTE-ISTE sponsored Induction on Research skill development for Management Faculty	21st to 28th December 2021
6days FDP Paradigm Shift in Pharmaceutical Education and Research in Post Pandemic Era	18/7/2022 to 23/7/2022
Faculty Development Programme Theme: Emerging Trends, Technologies, Education and Research in the Health Care Industry	25/7/2022 to 30/7/2022
Faculty Development Programme Theme: Recent Trends of Research in Engineering and Technology	25/7/2022 to 29/7/2022
7 Days Virtual Faculty Development Programme on Artificial Intelligence and Bioinformatics for Human Welfare	29/7/2022 to 5/8/2022

The research policy of Assam down town University is to foster a research culture among its teachers and students, which can further be utilized to enhance and elevate the professional competencies of the faculty members. The University has developed Ph.D. programs aligned with research thrust areas defined by Govt. of India to meet the national and regional requirements. This includes research focusing on the development of novel therapeutics and diagnostics against various communicable and non-communicable diseases, such as Hepatitis, COVID-19, Tuberculosis, Diabetes, cancer, etc., through the identification of novel biomarkers and functional characterization of biomolecules from Himalayan medicinal plants. The University has further emphasized its research interest in organic agriculture, the development of biofertilizers and vermicompost, and also

on the synthesis of nanoparticles and their application in health, environment, and pollution.

The University has successfully secured a total of six (06) (with a total amount of 38.7 Lakhs INR) and eighty-seven (87) extramural projects from government (i.e., ASTEC, DST, and DBT) and non-government organizations, respectively. The required infrastructure has been developed *in-situ* for successful execution of those funded projects and other PhD programs. The University also provides intramural SEED funds to its faculty members to initiate an investigation in their areas of interest with an aim to develop potential future projects for extramural funding from national and international bodies.

### **Introducing Annals of Multidisciplinary Research, Innovation and Technology (AMRIT)**

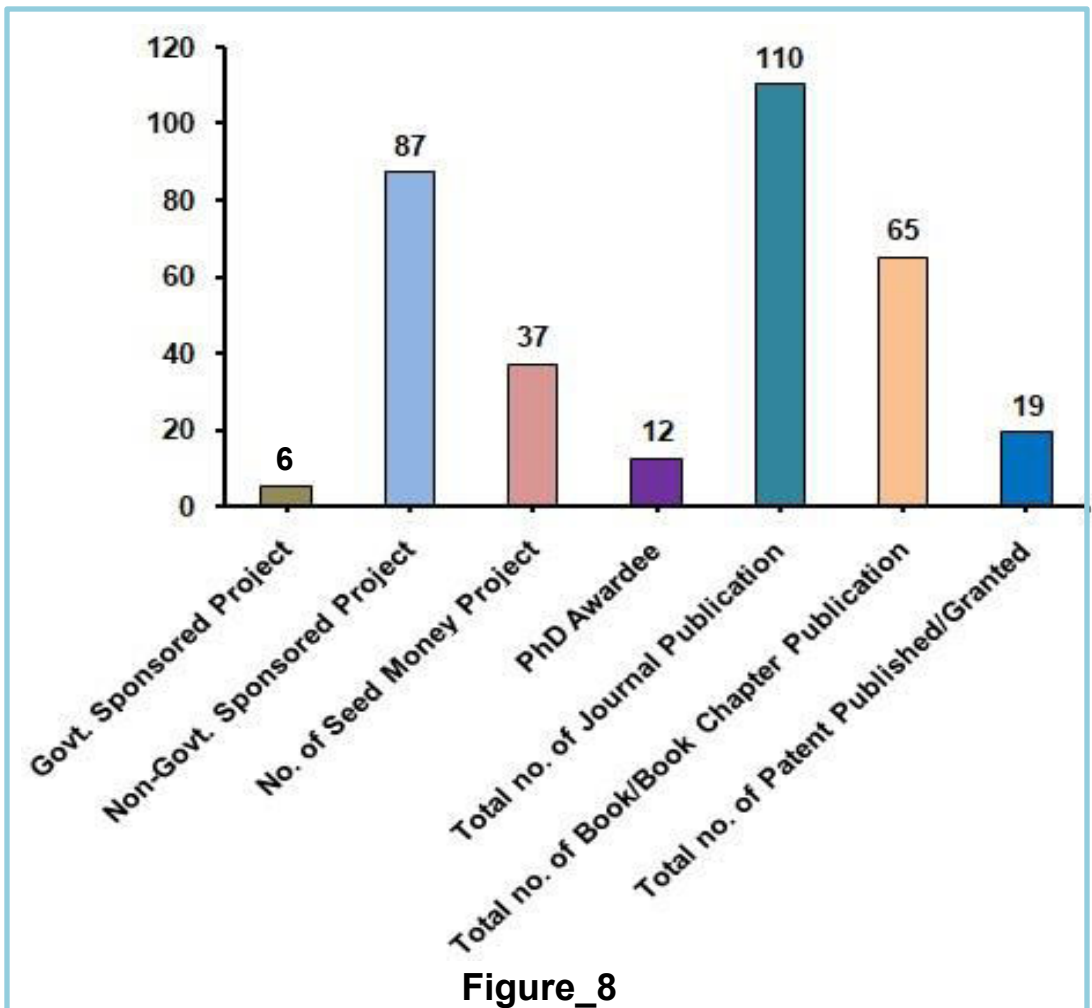
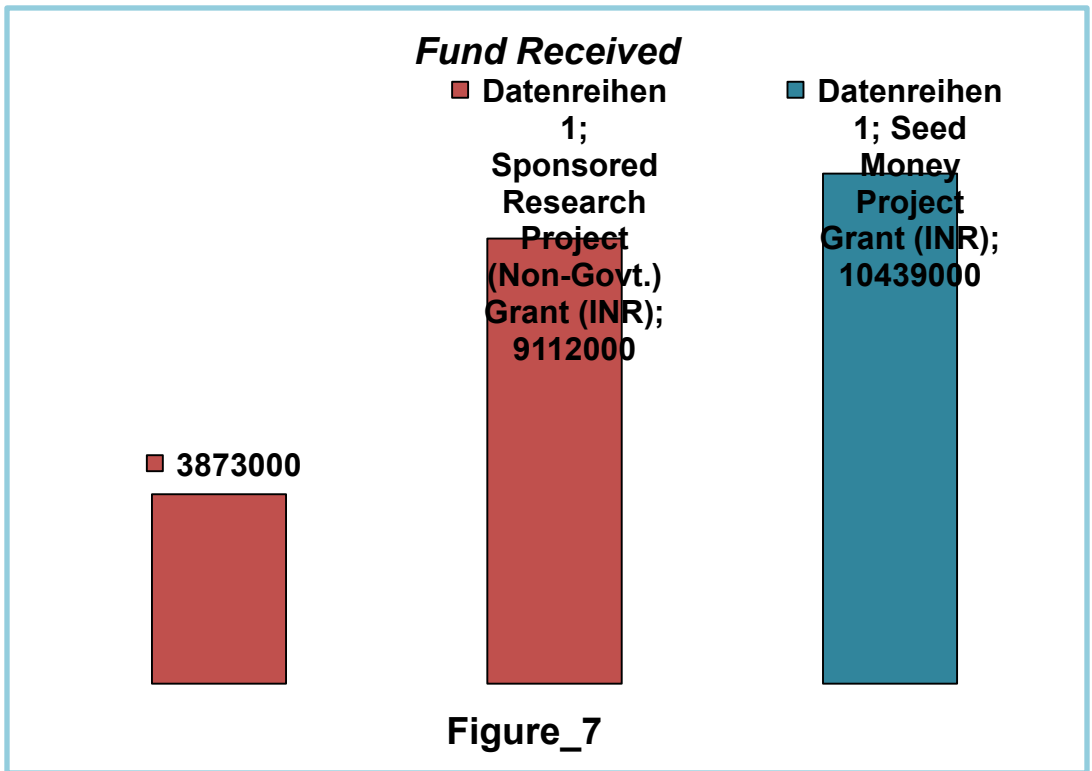
Annals of Multidisciplinary Research, Innovation and Technology (AMRIT) is a peer reviewed multidisciplinary biannual open access journal focused on publication of original article that contributes significantly to the knowledge in Physical Science, Life Science, Chemical Science, Agricultural and allied Sciences, Engineering and Technology, Food Technology, Biotechnology, Microbiology, Molecular Biology, Pharmaceutical Science, Physiotherapy, Paramedical Science, Nursing, instrumentation and methodology, Commerce, Business Management, Education, Humanities & Social Science. Original full length

“Research articles” containing research findings of the authors, “Review article” of summarized state of research on a topic which are often but not always by invitation, “Short/Mini Review Paper”, a shorter version of a review paper on an emerging topic of interest summarizing the state of research focusing a future direction, “Short/Rapid/Brief Communication”, a shorter version of original research article, whose methods, findings, etc. don't justify a full-length paper, “Case Reports/Pilot project reports/Survey project reports” and “Letters/Opinion/Commentaries”. The publication of the journal was planned during 2021, it was launched on Jan, 2022 and the 1st publication was released.



# AdtU ASCENDS IN RESEARCH FRONT

RESEARCH



## GLIMPSE OF EXTRAMURAL FUND

Sl No.	Name of the Department with recognition	Name of the Scheme	Name of the Funding agency	Year of Award	Funds provided (INR in Lakhs)	Duration of the project (Year)
1	Faculty of Science, Faculty of Engineering & Technology, Faculty of Commerce and Management, Faculty of Pharmaceutical Science, Faculty of Humanities and Social Sciences, Faculty of Paramedical Sciences, Faculty of Nursing	National Intellectual Property Awareness Mission (NIPAM)	Ministry of Commerce and Industry, Govt. of India	2021-2022	NA	1
2	Faculty of Engineering & Technology and Pharmaceutical Science	Student's Science Project (SSP)	Assam Science Technology and Environment Council (ASTEC), Govt. of Assam	2021-2022	0.8	1
3	Faculty of Paramedical Sciences	Core Research Grant	Department of Science & Technology (DST), Govt. of India	2021-2022	2.585	2
4	Faculty of Engineering & Technology	Development of Multifunctional Seed sowing Machine for Agricultural Purpose	Assam Science Technology and Environment Council (ASTEC), Govt. of Assam	2021-2022	3.28	2
5	Faculty of Science	Himalayan Bio Resource mission	Department of Biotechnology (DBT) Govt of India	2021-2022	32.0612	3

Continued...

## GLIMPSE OF EXTRAMURAL FUND

Sl No.	Name of the Department with recognition	Name of the Scheme	Name of the Funding agency	Year of Award	Funds provided (INR in Lakhs)	Duration of the project (Year)
6	Faculty of Science, Faculty of Engineering & Technology, Faculty of Commerce and Management, Faculty of Pharmaceutical Science, Faculty of Humanities and Social Sciences, Faculty of Paramedical Sciences, Faculty of Nursing	Scientific and Industrial Research Organisations (SIROs)	Department of Scientific and Industrial Research	2021-2022	NA	3

## RESEARCH SEED FUND PROVIDED BY THE UNIVERSITY

Sl No.	Name of the Project	PI/Co-PI	Year of Award	Funds provided (INR in Lakhs)	Duration of the project (Year)
1	Upgradation and standardization of traditional equipment/process for brewing of traditionally fermented beverages among Bodo tribes of Assam	Mr. Bhriganka Bharadwaj	2021-2022	4.950	01
2	Isolation and screening of indigenous potential phosphate solubilizing microbes from mushroom spent for enhancement of vermicomposting	Dr. Anjan Kumar Sarma	2021-2022	3.700	01
3	Development of Cordial from underutilized fruits of Assam	Jasmin Islam	2021-2022	2.850	01
4	Formulation and standardization of value added products by incorporating oyster mushroom Pleurotusastreatus	Dr. Ph Vivekanandin i Devi	2021-2022	2.800	01
5	Evaluation of antimicrobial properties of essential oil extracted from Capsicum chinese Jacq	Dr. Devabrata Saikia	2021-2022	3.300	01
6	Extraction of carotenoid pigments from Rhodotrula taiwanensis (indigenous Strain) for Application in food industries	Dr. Deep Prakash Parasar	2021-2022	2.000	01

Continued...



## RESEARCH SEED FUND PROVIDED BY THE UNIVERSITY

Sl No.	Name of the Project	PI/Co-PI	Year of Award	Funds provided (INR in Lakhs)	Duration of the project (Year)
7	Value addition of Bambusa balcooa (Bhaluka) Dendrocalamus hamiltoni (Kekuwa) in making nutritious snacks	Dr. Manash Pratim Sarma	2021-2022	1.800	01
8	Preparation of an herbal hand sanitizer with minimum alcohol content using Olea europaea and Tagetes erecta with biological efficacy	Mr. Partha Pratim Kalita	2021-2022	1.900	01
9	A study of epidemic process of infectious diseases using discrete time model	Dr. Manash Pratim Kashyap	2021-2022	2.800	01
10	Investigation of the therapeutic potential of natural protease inhibitors against sarcoma cell	Dr. Minakshi Bhattacharjee	2021-2022	2.200	01
11	Toxico-parametric interventions among the symbolic wetlands of Assam."	Dr. Kanu Shil	2021-2022	3.000	01
12	Anxiolytic properties of Melissa officinalis in stressed induced Zebra fish model: Implementing serotonergic neurotransmission at the pre-synaptic and synaptic level	Dr. Wankupar Wankhar	2021-2022	3.000	01

Continued...

## RESEARCH SEED FUND PROVIDED BY THE UNIVERSITY

Sl No.	Name of the Project	PI/Co-PI	Year of Award	Funds provided (INR in Lakhs)	Duration of the project (Year)
13	Study of synergistic effect of <i>Curcuma caesia</i> Roxb and natural chitosen on wound healing	Ms Chitralkha Kakati	2021-2022	2.000	01
14	Extraction and characterization of pigmented yeast from natural sources and its probable application in cosmetic industries	Jubanlak Mary Pohsnem	2021-2022	2.500	01
15	Extraction and characterization of bacterial pigment isolated from soil and its probabe application in curd	Moitrayee Devi	2021-2022	2.200	01
16	Development and evaluation of a polyherbal infusion against obesity and related co-morbidities in high-fat diet-fed rodent model	Dr. Manash Pratim Pathak	2021-2022	5.000	01
17	A systematic Investigation on two orchid species of sub - Himalayan region for their ameliorative effect on diabetes associated complications	Dr. Partha Pratim Dutta	2021-2022	5.000	01
18	Investigation of selected folk medicinal plants of NER for haemostatic and wound healing activity and formualtion design	Dr. Saikat Sen	2021-2022	3.000	01

Continued...

## RESEARCH SEED FUND PROVIDED BY THE UNIVERSITY

Sl No.	Name of the Project	PI/Co-PI	Year of Award	Funds provided (INR in Lakhs)	Duration of the project (Year)
19	Phytochemical and pharmacological studies of shoots extracts of Bambusabalcooa and Bambusatulda	Mr. Satyabrat Sarma	2021-2022	3.000	01
20	Study on improved efficacy of an oral antihyperglycemic agent in presence of Aloe vera and green tea as the dietary supplements against type 2 diabetes	Dr. Santa Mandal	2021-2022	2.095	01
21	Phyto- pharmacognasite staly and pharmacological evaluation of Amaranthus spinosus roots against postnatal jaundice	Mr. Mohidul Islam	2021-2022	3.000	01
22	Development of functional polysaccharide based complementary anti-diabetic formulation for the effective treatment of diabetes	Mr. Himangshu Deka	2021-2022	3.000	01
23	Impact of resilience training program on women empowerment among women of adopted village of Assam down town University.	Dr. Gitumoni Knowar	2021-2022	3.000	01
24	Impact of social isolation due to covid 19 infection on physical and mental health among the selected post Covid- Patients	Ms. Cynosure Sharma	2021-2022	3.200	01

**Continued...**

## RESEARCH SEED FUND PROVIDED BY THE UNIVERSITY

Sl No.	Name of the Project	PI/Co-PI	Year of Award	Funds provided (INR in Lakhs)	Duration of the project (Year)
25	Pysco Social issues and wellbeing of transgender (Kinnars) in Guwahati Metro Assam	Dr. Suparna Dhar	2021-2022	2.279	01
26	Engliash I: A handbook and English II: A handbook (book on english syllabus of first semester and second semester BA/B.Sc Course	Dr. Sagarika Mahanta	2021-2022	2.250	01
27	Building resilience in young adult learners in Kamrup Metropolitan District of Assam	Dr. Manjusha Deka Saikia	2021-2022	2.054	01
28	Psychosocial analysis on the impact of covid-19 on Asha workers: A study with special reference to the state workers: A study with special reference to the state of Assam, India."	Dr. Asha Sarma	2021-2022	3.108	01
29	Menarche, Menstrual practices and hygiene: A comparative study of rural and urban area on Napali adolescents girls's Assam, India	Dr. Pinky Barua	2021-2022	1.537	01
30	Nanostructured sensor based portable device to sense acetone in Human breath for real time estimation of blood sugar	Mr. Arnab kumar Sarkar	2021-2022	2.993	01
31	Fabrication & Characterization of Natural Fibre embedded with Nano SiO <sub>2</sub> as a structural material for Engineering Applications	Mr Pulakesh	2021-2022	3.000	01

Continued...

## RESEARCH SEED FUND PROVIDED BY THE UNIVERSITY

Sl No.	Name of the Project	PI/Co-PI	Year of Award	Funds provided (INR in Lakhs)	Duration of the project (Year)
32	Retrieval of water Quality parameters of Deepor Beel Lake from Landsat 8 OLI Data by Regression and Artificial neural network	Dr. Arnob Bormudoi	2021-2022	2.950	01
33	Development of smart IOT based System to Monitor the Moisture Level and Temperature in Solar Phonon Drier	Mr Baharul Islam	2021-2022	1.820	01
34	Automated Tea Leaves Grading using Machine Learning	Dr.Bismita Choudhury	2021-2022	2.890	01
35	IoT based smart Gas Level Monitoring and controlling System	Mr. Prasanta Pratim Bairagi	2021-2022	1.520	01
36	Identifying Power-loom Gamosas protecting the indigenous weavers of Assam through machine learning	Dr. Mala Dutta	2021-2022	1.690	01
37	Development of Nanomaterial coated Bandages for Quick Wound Healing	Prof. Sunandan Baruah	2021-2022	5.000	01



# RESEARCH HIGHLIGHTS

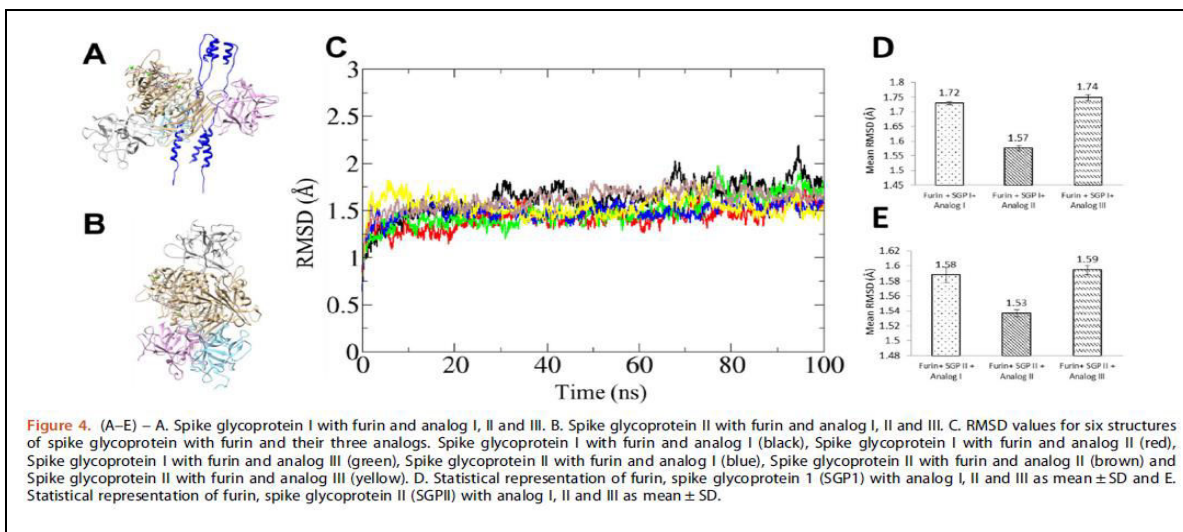
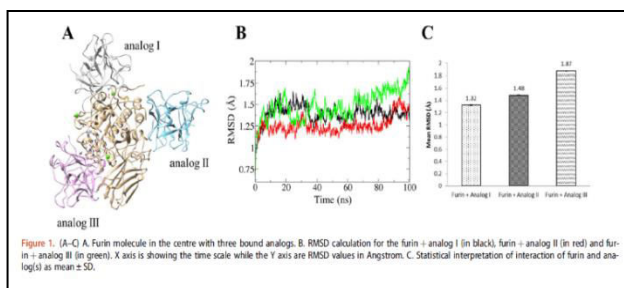
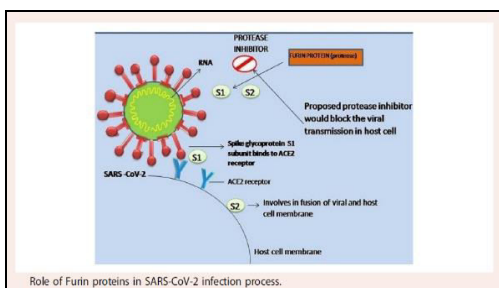
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## Natural furin inhibitor(s) as potent therapeutic molecule to mitigate SARS-CoV-2 infection

The COVID 2019 has had been going pandemic as per WHO situation reports. The major differentiating point in this virus is the presence of a unique furin cleavage site. Our *in-silico* study points out to the effectiveness of a potent plant origin furin inhibitor. We exploited the aspect of the cleavage machinery of furin subunits which is critical and indispensable to the entry of SARS-CoV-2 in human cells and subsequent massive contagion. In-silico analysis was done to observe the interactions of proposed analogs of protease inhibitor of plant origin against furin protein as well as the furin spike glycoprotein (SGP) binding machinery. This was done by docking protocols using Hex

6.0 software followed by molecular Dynamic simulation (MDS) analysis in 100 ns scale using Amber94. Further, the images were analysed with PyMol software. The analogs I, II and III included in our study showed strong interactivity against furin individually, as well as the furin-Spike Glycoprotein 1 binding machinery. The findings were confirmed using molecular dynamic simulation analysis which indicated good structural stability and ability to neutralise furin and furin-spike glycoprotein 1. Analog II was found to be the best interactive molecule against furin, showing the least deviation ( $1.484 \pm 0.0064$ ). Also, it was the most effective against furin-Spike glycoprotein I machinery [ $1.575 \pm 0.01$ ]. We report the first of its kind of natural furin inhibitor(s) which would disrupt the furin machinery of SARS-CoV-2 and help in controlling the COVID-19 contagion.

RESEARCH



### Study of Pharmacognostical, Phytochemical And Anthelmintic Potential Of *Alstonia Scholaris* Leaf.

*Alstoniascholaris* also called blackboard or Devil's tree is an important medicinal plant commonly found in South East Asia. The plant is used in Ayurvedic, Unani and Siddha system of medicine. The present study was done to investigate the Pharmacognostical, Phytochemical and anthelmintic potential of *Alstoniascholaris* leaf. Pharmacognostical study include morphological characteristics of the *Alstoniascholaris* leaf. Phytochemical screening revealed the presence of alkaloids, flavonoids, glycosides, phenolic compounds, carbohydrate, saponin and tannin. Ethanolic extraction of *Alstoniascholaris* leaf was investigated for the anthelmintic activity against *Eisenia fetida*. Each extract was evaluated at various concentrations (25, 50, and 100 mg/ml). All test extracts demonstrated dose-dependent anthelmintic action. The paralytic time was  $18 \pm 1.52$  minutes and the death time was  $76 \pm 1.28$  minutes for the ethanolic extract

of leaf (100 mg/ml) respectively. The reference standard was albendazole (10 mg/ml) and the control was normal saline. Time of paralysis and time of death were used to express the results. The results supports the usage of leaf of *Alstoniascholaris* plant as an anthelmintic. This research project was supervised by Mr. Moksood Ahmed Laskar for partial fulfillment graduate under program B. Pharm. The study was conducted in Faculty of Pharmaceutical Science, Assam down town University. The contribution of research work was carried out by the 4th Year students namely: Mr. Mrinmoy Pratim Nath and Ms. Nur Yasmin Sultana.

Table: Evaluation of Anthelmintic activity

Groups	Conc. (mg/ml)	Time taken for paralysis(min)	Time taken for death (min)
Normal Saline	---	No paralysis	No death
<i>Alstonia scholaris</i>	25	$96.24 \pm 2.25$	$424.5 \pm 1.10$
	50	$26.6 \pm 1.28$	$245.5 \pm 2.47$
	100	$18 \pm 1.52$	$76 \pm 1.28$
Albendazole	10	$18.32 \pm 2.64$	$54.24 \pm 2.18$



Figure: Representing Plants and activity study

# RESEARCH HIGHLIGHTS

3

RESEARCH

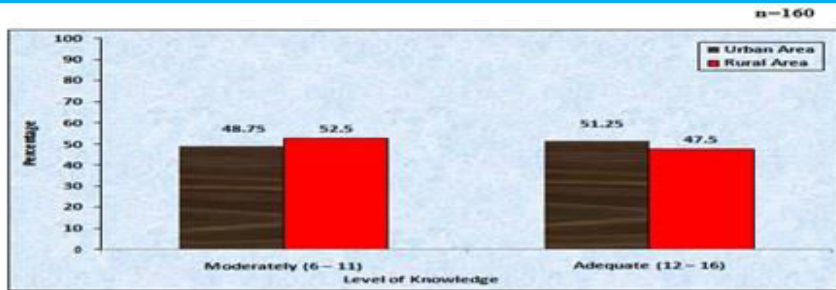


Fig: Level of knowledge of children regarding television viewing and its impact in urban and rural schools.

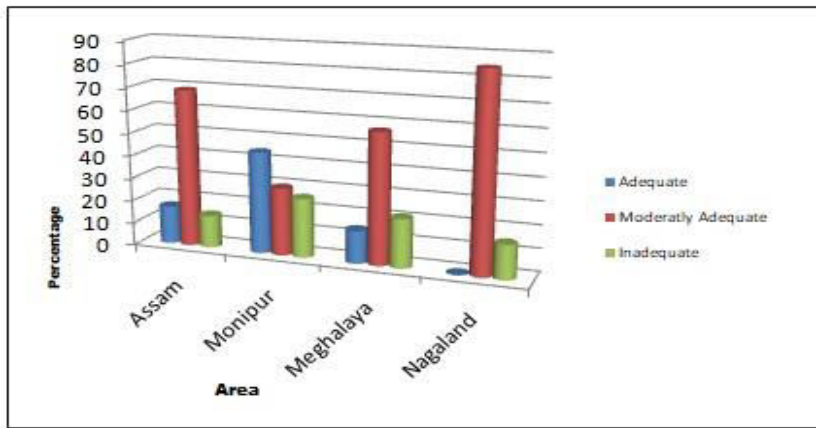


Fig: Pre-test and post-test level of practice of B.Sc. Nursing 3rd year students

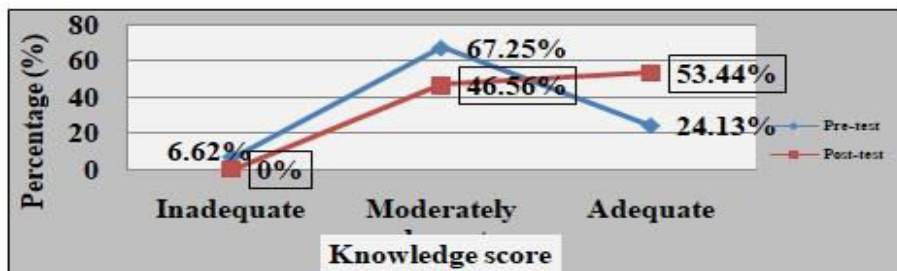


Fig : Pre-test and post-test level of knowledge and practice among B.Sc. Nursing 3rd Year students.

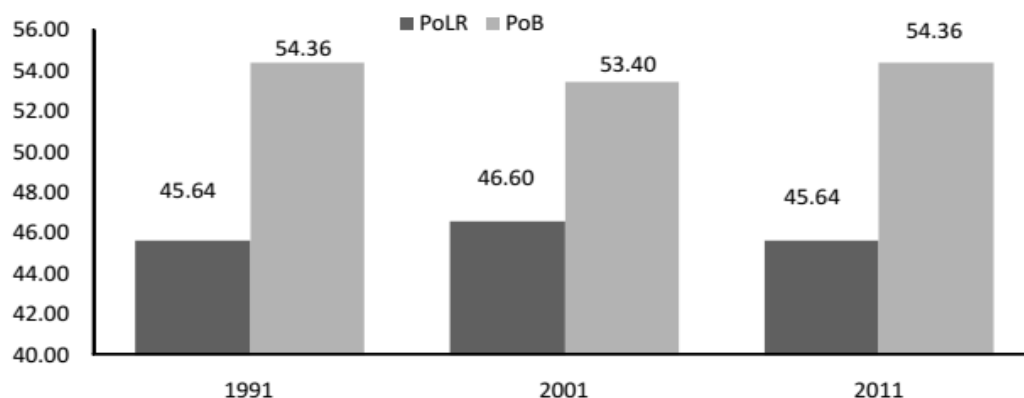


Fig: Pre-test and post-test level of practice of B.Sc. Nursing 3rd Year students.

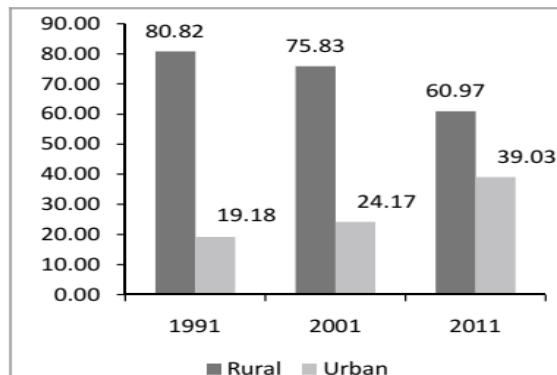
### Understanding the dynamics of migration from Bangladesh to Tripura: Insights from census reports

This research paper was written by Dr M K Deb, Assistant Professor, Faculty of Humanities and Social Sciences, Assam down town University and Dr. Arobindo Mahato, Assistant Professor, Department of Rural Studies, Tripura University. The article was published in Indian Journal of Economics and Development (Vol.17, Issue 4), indexed in Scopus and Web of Sciences.

- 1. Migration Trends:** The paper analyzes the patterns and trends of migration from Bangladesh to Tripura, focusing on demographic changes and socio-economic factors influencing migration.
- 2. Census Data Utilization:** It utilizes census reports to provide empirical evidence and insights into the migration dynamics, highlighting the importance of data in understanding migration flows.
- 3. Impact on Tripura:** The study discusses the implications of migration on the socio-economic landscape of Tripura, including aspects such as labour market changes, cultural integration, and resource allocation.
- 4. Policy Recommendations:** The authors suggest policy measures to manage migration effectively, ensuring that the needs of both migrants and the local population are addressed.



Source: Calculated by authors from (Census Report, 1991, 2001, 2011)



Source: Calculated by authors from Census reports

Figure 2. Rural-urban share (Percent) by PoB

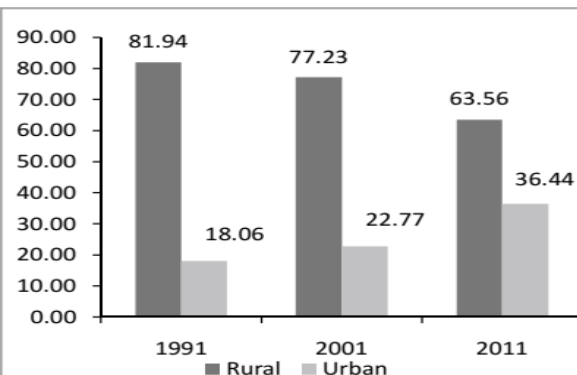


Figure 3. Rural-urban share (Percent) by PoLR

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Name of the Faculty	Title of the book/chapters published	Date	ISBN/ISSN number of the proceeding
Narender Boggula, Dr. Jithendar Reddy Mandhadi, Umadevi Racha	A practical Book of Medicinal Chemistry	08-08-2021	978-93-90471-87-4
Bijoy Das, Asha Sarma, M.K. Deb	COVID-19 PANDEMIC AND CHALLENGES : A GENDER PERSPECTIVE	17-12-2021	978-93-90692-74-3
Dr. Bidyut Bikash Das	Banker : Honour and Inconveniences-A customer perspective	28-12-2021	978-1-7948-1568-1
Dr. Prasenjit Bhagawati, Shelima Akhtar	Handbook on Morphology of Eggplant Varieties. VOL 1	15-11-2021	9 7 8 6 2 0 4 7 1 6 2 7 5
Bijoy Das, M K Deb, Asha Sarma	Covid-19 Pandemic and Challenges: A gender Perspective	17-12-2021	978-93-90692-74-3
Arnabjyoti Deva Sarma	Essential of Radiation Physics, Radiobiology and Radionuclides	14-09-2021	978-93-91538-12-5
Dr. Hirok J Bora and Dr. N. Bordoloi, M. Medhi, Dr. Abhijit Kalita, Dr. Santosh Rajak and Dr. Abhijit Dutta, Dr. Animesh Gogoi, Arnabjyoti Deva Sarma and Moitrayee Devi, Moitrayee Devi and Arnabjyoti Deva Sarma, Dr. Ananta Choudhury, Jasmin Islam and Daisy Sharma, Ritismita Devi, Dimpy Kalita, Dr. Deep Prakash Parasar and Dr. Manash Pratim Sarma	CANNABIS: SCIENTIFIC AND SOCIETAL RELEVANCE	03-08-2021	978-93-91216-80-1
Dr. Suantak Demkhosei Vaiphei	Programme You Self	04-12-2021	978-93-5148-596-4

## RESEARCH OUTCOME 2021-2022

Name of the Faculty	Title of the book/chapters published	Date	ISBN/ISSN number of the proceeding
Dr Manjusha Deka Saikia	Training Module To Develop Emotional Intelligence in adolescents	31-08-2021	978-1-956102-92-5
Dr Manjusha Deka Saikia, Prof Lanu Devi	Effect of Emotional Intelligence Training programme on Adolescent Learners	31-08-2021	978-620-4-19118-8
M K Deb	Rural Development in North-East India	10-03-2022	978-93-90692-14-9
Chef.Jyotirmay Choudhary, Chef. Mridu Pawan Rabha, Dr. Bhola Chourasia	The Great Assamese Cuisine: Volume -1	30-05-2022	978-93-93767-12-7
Dr. Jyoti prasad kalita and Dr. Bhola Chourasis	The CSR And The Banking Sector	14-06-2022	7893-91462-43-7
Dr.Mrinal Kumar Das	Spermatophytic Flora of Kamrup, Special Reference to Eastern Guwahati	05-06-2022	978 93 92038 48 8
Dr. Jai Shanker Pillai HP, Dr. Sanjay Rathod, Dr. Venkat M Shinde, Mr. Surjya Loying	PREVALENCE AND CHARACTERIZATION OF STREPTOCOCCUS MUTANS IN THE SALIVA OF CARIES RISK INDIVIDUALS OF KALABURAGI, KARNATAKA STATE, INDIA	22-04-2022	978-93-94638-03-7
Ruhul Amin	Diabetes Mellitus	04-02-2022	97988859146 04
Dr. Jai Shanker Pillai HP, Dr. Sanjay Rathod, Dr. Muzaheed Abdul Rasheed, Dr. Madhuri R. Basutkar	Bacterial Protease - A bio detergent against surgical instruments	07-02-2022	978-81-952529-4-7

## RESEARCH OUTCOME 2021-2022

Name of the Faculty	Title of the book/chapters published	Date	ISBN/ISSN number of the proceeding
Dr. Elancheran Ramakhrisnan, Priyakshi Bordoloi, Dr. Bhaskar Jyoti Nath, Jahnabi Gogoi, Dr. Deep Prakash Parasar, Sahil Afridi Hussain, Abhijit Das, Prantik Deka, Banshailin Nongsiej, Rajashree Bhattachatyya, Dhiman Chandra Paul, Arnabjyoti Deva Sarma, Dr. Manash Pratim Kalita, Dr. Wankupar Wankhar, Moitrayee Devi, Jubanlak Mary Pohsnem, Dr. Siddhartha Narayan Borah, Dr. Suparna Sen	A HANDBOOK ON LABORATORY TECHNIQUES	03-01- 2022	: 978-93- 90942-50- 3
Mohidul Islam, Dr. Faruk Alam	PHARMACOGNOSY for Diploma in Pharmacy	06-01- 2022	978-93- 7473-708- 8
Jasmin Islam, Daisy Sharma	A Review on Cannabis: Its Benefits for Human Health	03-08- 2021	978-93- 91216-80- 1
BINITA DEVI, SUPARNA DHAR	COVID -19 AND GENDER BASED VIOLENCE IN INDIA : A STUDY	28-12- 2021	978-93- 90692-74- 3
Ananta Choudhury	Pharmacological and Therapeutical Aspects of Cannabis	03-09- 2021	978-93- 91216-80- 1
Kunal Bhattacharya, Atanu Bhattacharjee & Nongmaithem Randhoni Chanu	Effect of COVID-19 Pandemic on Mental Health: An Under- Realized Sociological Enigma	29-10- 2021	978-981- 16-3227-3

## RESEARCH OUTCOME 2021-2022

Name of the Faculty	Title of the book/chapters published	Date	ISBN/ISSN number of the proceeding
Dr. Samannoy Baruah	Branding In Tourism Marketing	16-11-2021	978-81-948217-6-2
Moitrayee Devi, Arnabjyoti Deva Sarma	Cannabis: The Journey from Medicine to intoxicant and back again	13-09-2021	978-93-91216-80-1
ARNABJYOTI DEVA SARMA, MOITRAYEE DEVI	ADVERSE EFFECTS ASSOCIATED WITH CANNABIS USE FOR MEDICAL PROBLEMS	13-09-2021	978-93-91216-80-1
Dr. Manjusha Deka	Stories of Unpaid Domestic Workers in Guwahati	28-12-2021	978-93-90692-74-3
Ritismita Devi, Dimpy Kalita, Dr. Deep Prakash Parasar, Dr. Manash Pratim Sarma	Phytochemical Analysis of Selected Cannabis from Northeast India	03-08-2021	978-93-91216-80-1
Manimugdha Medhi	Societal Impact of Cannabis	21-08-2021	978-93-91216-80-1
Kunal Bhattacharya, KuAtanu Bhattacharjee, Nongmaithem Randhoni Chanu	Effect of COVID-19 Pandemic on Mental Health: An Under-Realized Sociological Enigma	29-10-2021	978-981-16-3227-3
Happy Baglari	PSYCHOSOCIAL IMPACT AND THEIR WELLBEING OF HOMELESS POPULACE DURING COVID-19 PANDEMIC: A SEX BASED DESCRIPTIVE CASE REPORT STUDY	28-12-2021	978-625-7898-59-1
Manashi Sengupta, Nongmeikapam Monika	Documentation - RECORD , REPORT	01-01-2022	978-93-95632-14-0

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## RESEARCH OUTCOME 2021-2022

Name of the Faculty	Title of the book/chapters published	Date	ISBN/ISSN number of the proceeding
Dr, Nirmali Gogoi	A review on psychological and social stigma on sexual transmitted diseases	02-10-2021	978-93-5547-125-3
Dr, Nirmali Gogoi	Music Therapy and its Impact on Health among Children	06-08-2021	Print ISBN: 978-93-91595-01-2, eBook ISBN: 978-93-91595-09-8
Dr, Nirmali Gogoi	Early Detection and Prevention of Myopia in Children	06-08-2021	Print ISBN: 978-93-91595-01-2, eBook ISBN: 978-93-91595-09-8
Kunal Bhattacharya, Nongmaithem Randhoni Chanu, Atanu Bhattacharjee, Ripunjoy Bordoloi, Bhargab Jyoti Sahariah, Apurba Talukdar, Ramen Kalita	Quercetin for the Experimental Treatment of COVID-19	06-08-2021	9781799872597
Dr, Nirmali Gogoi	Impact of Television Viewing: A Review Article	02-08-2021	Print ISBN: 978-93-91595-94-4, eBook ISBN: 978-93-91595-99-9
Jubanlak Mary Pohsnem	LACTOPHENOL COTTON BLUE STAINING, GLUCOSE ESTIMATION	03-01-2022	978-93-90942-50-3

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## RESEARCH OUTCOME 2021-2022

Name of the Faculty	Title of the book/chapters published	Date	ISBN/ISSN number of the proceeding
Nironjon Islary	Challenging Predicaments of Electoral Politics of an Autonomous District Council: The Case of Bodoland Territorial Areas District (BTAD), Assam	18-03-2022	978-1-032-37429-1/978-1-003-15841-7
Nandini Sharma & Gunamoni Das	Review study on " Alternanthera philoxeroides" a potential medicinal plant from North East India	02-03-2022	978-93-92504-01-3
Dr. Gunamoni Das	COCCINIA GRANDIS (L) VOIGT: AN IMPORTANT ETHNOMEDICINAL PLANT FROM NORTH EAST INDIA	01-04-2022	978-81-952065-6-8
Dr. Gunamoni Das	Documentation on wild leafy vegetables used by the Indigenous people of Tripura	02-03-2022	978-93-92504-01-3
Suantak Demkhosei Vaiphei	WHAT IS A GOOD DEATH: END-OF-LIFE CARE IN INDIA?	28-03-2022	978-625-8377-06-4
Karen Das, Akib Khan, Arnab Sarkar, Pronoy Baishya, Priyanka Kakoty, Sunandan Baruah	Study of TiO <sub>2</sub> and ZnO Nanostructures as Wide Band Gap Semiconductor for the Application of Nanotechnology-Based Solar Cells	12-06-2022	978-981-16-1549-8
Dilruba Khanam, Kaustubh Bhattacharyya, Kandarpa Kumar Sarma, Sunandan Baruah	Study on Substrate Dependency of Graphene-Based Patch Antennas for Gigahertz and Terahertz Applications	12-06-2022	978-981-16-1549-8
Parismita A. Kashyap, Smriti Rekha Das & Sunandan Baruah	Nanomaterial-Based Microstrip Patch Antenna Array for X Band Operation	12-06-2022	978-981-16-1549-8
Dr Manjusha Deka Saikia, Nikita Saikia	Impact of Covid-19 on Women's Mental health	23-03-2022	978-93-91260-06-4

## RESEARCH OUTCOME 2021-2022

Name of the Faculty	Title of the book/chapters published	Date	ISBN/ISSN number of the proceeding
Dr. Prateeti Barman, Dr. Suantak Demkhosei Vaiphei	Playing The Game: The Psychosocial Benefits Of Sports For Youth	07-06-2022	978-625-8377-74-3
Dr. Suantak Demkhosei Vaiphei	THE CLINICAL ROLE OF PSYCHOLOGISTS IN END-OF-LIFE CARE: A NEW HORIZON IN INDIAN PALLIATIVE END-OF-LIFE CARE	28-03-2022	978-625-7720-77-9
Faruk Alam, Durgaprasad Kemiseti	Omicron, Understanding and Its Prevalance	21-07-2022	978-81-952065-3-7
F Alam, D. Kemiseti, A K Sen, J R Mandhadi, C Talluri, Biplab Kumar Dey, P P Dutta	Toxic Plants: Alarm for Humans and Animals	27-06-2022	9788195206599
Kuldeep Gupta, Pritam Bardhan, Muzamil Ahmad Rather, Devabrata Saikia, Surjya Loying, Manabendra Mandal, Rupam Kakati	Microbes in Resource and Nutrient Recovery via Wastewater Treatment	08-03-2022	978-981-16-5214-1
Kuldeep Gupta, Pritam Bardhan, Devabrata Saikia, Muzamil Ahmad Rather, Surjya Loying, Manabendra Mandal, Rupam Kakati	Microbial Fermentation: Basic Fundamentals and Its Dynamic Prospect in Various Industrial Applications	08-03-2022	978-981-16-5214-1
Saikat Deb, Debasish Das	Quality Assessment of Public Transport: A Review	01-01-2022	978-981-16-6893-7
Saikat Deb, Debasish Das, and Mriganka Mazumdar	Estimating the Effectiveness of Paratransit Service in Guwahati City	01-01-2022	978-981-16-6893-7

## RESEARCH OUTCOME 2021-2022

Name of the Faculty	Title of the book/chapters published	Date	ISBN/ISSN number of the proceeding
Soumik Sarkar, Mokaddes Ali Ahmed & Saikat Deb	Determination of Service Quality of Bus Transit System Using SERVQUAL Method Based on User's Perceptions and Expectations	06-03-2022	2366-2565
Arnabjyoti Deva Sarma	A Study on Interventional Radiological Procedures	22-01-2022	978-93-90942-50-3
Arnabjyoti Deva Sarma	A study on the techniques of Patients total body irradiation(TBI) with prescribe dose	22-01-2022	978-93-90942-50-3
Khaidem Kennedy Singh, Laishram Shantikumar Singh, and Chingakham Brajakishor Singh	Cultural, Practical, and Economic Value of Edible Plants Used by Mizo Tribes of Mizoram	01-01-2022	ISBN 978-981-16-4879-3
Happy Baglari	EXPLORATION OF PSYCHOSOCIAL IMPACT AND THE WELLBEING OF MIGRANT POPULACE DURING THE COVID-19 IN INDIA	30-01-2022	978-625-8423-92-1
Prantik Deka, Banshailin Nongsiej, Rajashree Bhatachatyia, Dr. Deep Prakash Parasar	Comparative Study on Phytochemical Contents and Antimicrobial Assay in Flowering Parts of Tagetes erecta	03-01-2022	978-93-90942-50-3
Sahil Afridi Hussain, Dr. Deep Prakash Parasar, Abhijit Das	Comparative Phytochemical study of total compound of Glycyrrhiza glabra (Yasthimadhu) and Tinospora cordifolia (Giloy)	03-01-2022	978-93-90942-50-3
Jahnabi Gogoi, Dr. Deep Prakash Parasar	Isolation and characterization of bio active compound from Terminalia chebulla for its potent antimicrobial activity	03-01-2022	978-93-90942-50-3

# INNOVATIVE RESEARCH

SI No	Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent
1	Dr.Varun Dasari, Dr. Pallab Kalita, Mr.Rahaman Shaik, Dr. Rohit Kumar, Dr. Jaffer Sadik Mohammed, Dr. Anil Kumar Singh, Mr. Ruhul Amin , Dr.Mohammed Jafar, Mr. Kyatham Hemanth, Mr.HameedullaH Sherief S., Ms. Bhawana Kapoor, Dr. Harikumar Pallathadka	202241036462.0	Anti-fungal cream formulation and evaluation with nulembo nucifera and azadiracta indica leaves extract	2021-22
2	Dr. Santosh Kumar Upadhyay, Dr. Saras Verma,Mr. Virendra Kumar Arya, Ms. Deepti Bhatt,Mr. Mahesh Mishra, Dr. Dhananjay Kumar Srivastava, Parmesh Dutt	202211038760.0	An Electric sizzler for Food Production in Hospitality and Tourism Sector	2021-22
3	Mr. Mallikarjun B Kinagi, Prof. (Dr.) Biplab Kumar Dey, Dr Anuja Chopra, Ms Navpreet Kaur, Mr. Anto Simon Joseph M, Dr. Mrinmoy Basak, Dr. Ananta Choudhury, Dr. N Ramkumar, Mr. Ruhul Amin Ms.S Rani, Dr. Harikumar Pallathadka	202241030706.0	Clinico-Bacterial Imaging and Antitubercular Drug Treatment in Patients with Pulmonary Tuberculosis in Smokers and Nonsmokers	2021-22
4	Dr. Dhurbajyoti Sarkar	202241032204.0	Natural Low Irritant Longstanding Hair Dye And The Method To Produce The Same	2021-22
5	Bhabajyoti Saikia	202211028755.0	A Machine Learning Based Approach To Predict Growth Of Tourism	2021-22
6	Daisy Sharma, Manash Pratim Sarma, Nanam Ronya, Balagopalan Unni , Chandana Choudhury Baruah	202231014874.0	Low-Cost Nutritional Dense Multigrain Weaning Formulation	2021-22
7	Dr. Jai Shanker Pilai HP	202221013638.0	Nanofilter Systems Based Biomass Conversion And Recycling Processes	2021-22

# INNOVATIVE RESEARCH

SI No	Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent
8	N. Sathammai Priya, Dr. Gyanshankar Praphullakumar Mishra, Dr. K. Kavitha, Mr. Mahendra Pratap Swain, Dr. Santhosh Kumar C, Dr. C. N. Nalini, Ruhul Amin, Dr. Sandeep Kumar Singh, Mr. Nigam Jyoti Maiti, Mr. Satyajit Mohanty	202241012934.0	Novel Sublingual Pharmaceutical Compositions of Famotidine and Process For The Preparation Thereof	2021-22
9	Ruhul Amin	360673-001	Medical Virtual Reality Device	2021-22
10	Mr. Prasanta Pratim Bairagi, Mr. Manash Jyoti Borah	202231009348.0	An IoT Based Smart Gas Monitoring and Controlling System	2021-22
11	Dr. Bhola Chourasia, Dr. Ajit Kumar Singh, Dr. Pankaj Kumar Tyagi, . Dr. Sudhanshu Verma, Prof. Deepak Kumar, Mr. Viveka Nand Sharma, . Mr. Shailendra Kumar Rai, Mr. Vimal Kumar, Dr. Sumit Kumar Biswakarma, Dr. Suvojit Ganguly, Dr. Jyotiprasad Kalita	202231009022.0	Customer satisfaction evaluating system	2021-22
12	Mr. Pulakesh Chetia Mr. Manash Jyoti Borah	340364-001	Multifunctional Agricultural Machine	2021-22
13	Mr. Ruhul Amin	355057-001	Nanotechnology Based Smart Capsule to Purify Water	2021-22
14	Mr. Manash Jyoti Borah Mr. Roktutpal Borah	340363-001	E-rickshaw	2021-22
15	Dr. Bhola Chourasia, Dr. Punit Gautam, Dr. Neha Sharma, Mr. Ashish Raina, Dr. Gaurav Bathla, Dr. Aman Kumar, Dr. Sanjeev Kumar Saxena, Mr. Viveka Nand Sharma, Dr. Ajit Kumar Singh, Sabrina Lyngdoh, Dr. Jyotiprasad Kalita	202231002549.0	IoT Based Hotel Management System	2021-22
16	Dr. Bhola Chourasia	202111059121.0	Application of Marketing Strategies and Tools in Restaurants	2021-22



# INNOVATIVE RESEARCH

SI No	Name of the Patenter	Patent Number	Title of the patent	Year of Award of patent
17	Mr. Ruhul Amin	202141052154.0	CNN-LSTM Based Covid-19 Diagnosis from Chest CT Scans	2021-22
18	Dr. Faruk Alam, Saiket Sen	202141053173.0	Chemical Structure Based Smart Investigation of Adverse Drug Reactions	2021-22
19	Mr. Ruhul Amin	202141034489.0	"The System And Method For Health Workflow Training By Using Deep Learning Networks"	2021-22

The faculty of Engineering (FoE)(CSE/BCA) has been at the forefront of developing IoT-based solutions, as evidenced by their patents on smart devices and systems. Notable contributions include the IOT-based Smart Parking System for urban mobility and the Machine Learning and IoT-based System for Intelligent Routing. These inventions aim to enhance urban infrastructure efficiency, safety, and sustainability.

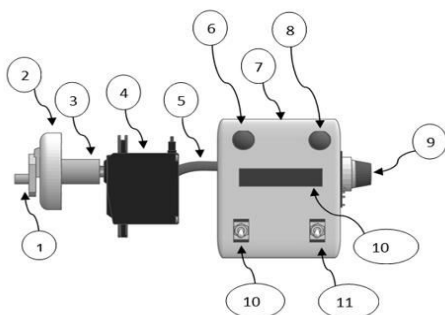


## Smart Device for Controlling Liquefied Petroleum Gas Leakage using IOT

Patent App no. 202333002914  
 Patent Journal no. 03/2023  
 Page 4976 , Dated 20/01/2023

### About the Invention

- The present invention is directed to develop a smart device for controlling LPG leakage by detecting the leakage and shutting down the gas supply in real time.
- This system is also directed to ensure that the user is notified of the gas leakage by using alarm/SMS and prompted to take necessary measures.



3D Model of the Device

Sl. no.	Parts
1	Gas Cylinder Nob
2	Nob Holder
3	Shaft
4	Servo Motor
5	Wire Connector
6	Green indicator Light
7	Sensing & Controlling Unit
8	Red indicator Light
9	Gas Sensor
10	On/Reset Button
11	Off Button
12	Led Screen

### Inventors

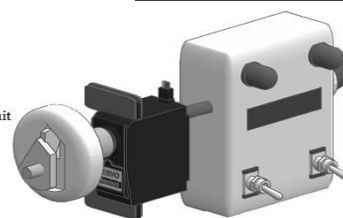
**Mr. Prasanta Pratim Bairagi**  
 Asst. Professor, Computer Science & Engineering, AdtU

**Prof. Sunandan Baruah**  
 Director, Research & Innovation, AdtU

**Dr. Manash Jyoti Borah**  
 Asst. Professor, Mechanical Engineering, AdtU

**Mr. Baharul Islam**  
 Asst. Professor, Electronics & Communication Engineering, AdtU

**Mr. Devabrata Sarmah**  
 Research Assistant, Centre of Excellence in Nanotechnology, AdtU



Perspective View of the Device

### Key Features

- Monitoring the gas leakage.
- Alert the user by sending SMS for gas leakage.
- Prevention of gas leakage by controlling the gas supply.

### Applications

- Household
- Industry

Application Details	
APPLICATION NUMBER	202333002914
APPLICATION TYPE	PATENT OF ADDITION FOR ORDINARY APPLICATION
DATE OF FILING	14/01/2023
APPLICANT NAME	ASSAM DOWN TOWN UNIVERSITY
TITLE OF INVENTION	"SMART DEVICE FOR CONTROLLING LIQUEFIED PETROLEUM GAS LEAKAGE USING IOT"
FIELD OF INVENTION	ELECTRICAL
E-MAIL (As Per Record)	pooga@innovatelects.com
ADDITIONAL EMAIL (As Per Record)	pajax@gmail.com
E-MAIL (UPDATED Online)	
PARENT APPLICATION NUMBER	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	07/03/2023
PUBLICATION DATE (IJS 11A)	20/01/2023



Prototype of the Device

# CONSULTANCY: A WAY FOR REVENUE

## CONSULTANCY: A WAY FOR REVENUE

Sl. No.	Name of the consultant	Name of consultancy project	Consulting/Sponsoring agency with contact details	Year	Revenue generated (INR in Lakhs)
1	Mr. Pulaesh Chetia (PI) & Raktutpal Bora (Co-PI)	Development of Multifunctional Seed sowing Machine for Agricultural Purpose	ASTEC, DST, Govt. of Assam	12-5-2022	3.28
2	Mr. Pulaesh Chetia & Dr. Dhruvajyoti Kashyap	Design and Fabrication of Smart Bin	ASTEC, DST, Govt. of Assam	23-11-2021	0.1
3	Dr. Sanjib Kr. Rasbangshi	Optimization and surface morphology analysis in drilling of aluminium based alloy	ASTEC, DST, Govt. of Assam	23-11-2021	0.1
4	Mr. Ankur Pan Saikia	Design And Simulation of An Effeave E-learning Approach with The Assistance of AI	ASTEC, DST, Govt. of Assam	23-11-2021	0.1
5	Dr. Saikat Deb	Use of Municipal Polymer Waste including PPEs and Face Masks to Improve Subgrade Strength	ASTEC, DST, Govt. of Assam	23-11-2021	0.1

# MEET AND EXPOSURE

## WEBINARS

Sl. No	Name of the event	Organised by	Type of Event	Date
1	National Webinar on Pursuing Dance as A Career	Programme of Performing Arts, AdtU	National Webinar	05th August 2021
2	International Webinar on Pursuing Acting as a Career	Programme of Performing Arts, AdtU	International Webinar	12th August 2021
3	Menstrual Health And Hygiene Session Through Virtual Conference	Dr Pinky Barua Assistant Professor Sociology Program FHSS Assam down town University	WEBINAR	02-11-2021
4	Restructuring happiness amidst Corona effect through IKIGAI- An Indian perspective	Department of Management under the Faculty of Commerce and Management	WEBINAR	22nd May, 2021
5	Growing StartUp ecosystem in north east India and how managers can leverage on this opportunity	Department of Management under the Faculty of Commerce and Management	WEBINAR	12th June, 2021
6	NEP 2020 with reference to HECI	I . Faculty of Commerce and Management, AdtU II . Vidya Bharati Uchha Siksha Sansthan	WEBINAR	16th June 2021
7	webinar on Intellectual Property: Rights, Needs and Awareness for Academia	Internal Quality Assessment Cell (IQAC), Institution Innovation Council, Assam down town University	WEBINAR	01-12-22
8	Webinar on Case based Teaching for Enriching Learnings	Department of Management	WEBINAR	02-12-22
9	IIC session on "Achieving Problem-Solution fit, Product-Market fit"	Research and Innovation	WEBINAR	02-12-22
10	Webinar on Laboratory Safety	Programme of MLT	WEBINAR	03-12-22
11	Industry Oriented interactive session on <b>Open Secrets</b>	Department of Management under the Faculty of Commerce and Management, AdtU	SEMINAR	01-08-22
12	Webinar on Art of Recovering From Failures	AdtU Alumni Association Co-ordination Committee	WEBINAR/ALUMNI ACTIVITY	29/1/2022

Continued...

# MEET AND EXPOSURE

13	Optometry Webinar Series 1 Cognizance series: Enlightening health professionals Topic:Glaucoma	Dept. of Optometry, Faculty of Paramedical Sciences	WEBINAR	02-07-22
14	Webinar on Career in Beverages	Dept. of Hospitality and Turism Management, Faculty of Commerce and Management	WEBINAR	02-08-22
15	Webinar on An overview Pallative Care in Cancer Patient	Faculty of Nursing	WEBINAR	02-11-22
16	Webinar on Socio Economic Impacts of Pharmaceutical Industry	Faculty of Pharmaceutical Science	WEBINAR	02-11-22
17	Webinar on Science and Society, Lecture I Topic:Therapeutic potential of ethnic fermented soybean foods of NE India in managing metabolic syndrome and its related health disorders	Faculty of Science	WEBINAR	02-11-22
18	Webinar on Scope and Opportunity of Pharmacy in Herbal and AYUSH drug standardization	Faculty of Pharmaceutical Science	WEBINAR	02-12-22
19	Webinar on Optimal Routing in Wireless Networks	Faculty of Eng and Tech	WEBINAR	02-12-22
20	Webinar on Science and Society, Lecture II Topic:Basic Statistics in day to day life	Dept of CSE	WEBINAR	02-12-22
21	Webinar on Infrastructure Virtualization using VMWARE product		WEBINAR	14/3/2022
22	National Webinar on Science and Society, Lecture V Topic: Entrepreneurial Botany		WEBINAR	15/3/2022
23	Webinar on Latex Overleaf	Faculty of Eng and Tech	WEBINAR	14/2/2022
24	National webinar on Indian Agriculture & Repeal of Three Farm Laws:Re-imaging Way Ahead	Faculty of Eng and Tech	WEBINAR	15/2/2022

Continued...

# MEET AND EXPOSURE

## WEBINARS

25	National webinar on Covid and Mental Health	Dept. of Psychology	WEBINAR	15/2/2022
26	National Webinar on Healthy lifestyle with healthy eating	Dept. Of Hospitality and Tourism Management	WEBINAR	15/2/2022
27	Orientation on Ayushman Bharat- Comprehensive Primary Health Care (CPHC) through Health and wellness Centres (HWCs)	Office of the Registrar	WEBINAR	15/2/2022
28	Use of Biofuels in IC Engines	Faculty of Eng and Tech	WEBINAR	18/2/2022
29	Webinar on "Interrogating Rape/Marital Rape: Reading Select Fictional Text"	Programme of English	WEBINAR	21/2/2022
30	National Webinar on Importance of Planned and Safe Motherhood:Reducing Maternal mobility and mortality rates	Faculty of Engineering and technology	WEBINAR	22/2/2022
31	National Webinar on Formulating a Research Problem: How to decide what to Research	Programme of Sociology	WEBINAR	23/2/2022
32	Webinar on Anaemia in children and its management and prevention		WEBINAR	24/2/2022
33	National webinar on Science and Society, Lecture III Topic: Dctor Plant has Become Patient(Die-Back of Neem)	Faculty of Paramedical Science	WEBINAR	25/2/2022
34	Webinar on Green Extraction- Scope and Opportunities	IQAC	WEBINAR	25/2/2022
35	Webinar on Satellite derived rainfall and its Precipitation	Programme og Civil Engineering	WEBINAR	25/2/2022
36	Webinar on Hybrid nano-carriers for potential delivery of drugs	Faculty of Pharmaceutical Science	WEBINAR	26/2/2022
37	Webinar on Optometry can be a lucrative career	Dept. of Optometry	WEBINAR	26/2/2022
38	Webinar on Roadmap to study abroad	Traing and placement cell	WEBINAR	26/2/2022

Continued...



# MEET AND EXPOSURE

39	National Webinar (Science and Society:Lecture IV) Topic: The world of microRNAs	Dept. of Biotechnology	WEBINAR	26/2/2022
40	Webinar on Quality Assurance in Fluroscopy	Programme of Radiology	WEBINAR	27/2/2022
41	Session on Technology Readiness Level (TRL), Commercialisation of Lab, Technologies & Techological Transfer	Faculty of Eng and Tech, IIC	WEBINAR	28/2/2022
42	Webinar on Basics of Binocular Vision	Dept. of Optometry	WEBINAR	03-01-22
43	Webinar on Protection in Radiology	Dept. of Radiology	WEBINAR	03-02-22
44	Webinar on 'Written Lives: Exploring Women's Writing'	Programme of English	WEBINAR	4th/3/2022
46	Webinar on Importance of Blood Donation		WEBINAR	03-11-22
47	Webinar on SWAYAM MOOCs: A Platform for Upgradation of Knowledge and Skill		WEBINAR	03-11-22
48	Webinar on Scope of Waste Cooking Oil (WCO) as alternative fuel and its applicationin CI Engine		WEBINAR	03-12-22
49	Webinar on Alternative approaches to establish In-vitro and In-vivo corelation		WEBINAR	03-12-22
50	Webinar on Laboratory Safety	Programme of MLT	WEBINAR	03-12-22
51	Webinar on Understanding queer issues and creating safe queer spaces	Programme of Sociology	WEBINAR	16/3/2022
52	Webinar on Legal Procedure involved in New Venture Creation		WEBINAR	17/3/2022
53	Webinar on Understanding queer issues and creating safe queer spaces	Programme of Sociology	WEBINAR	16/3/2022
54	Webinar on Legal Procedure involved in New Venture Creation		WEBINAR	17/3/2022
55	Webinar on Importance of packaging material in post harvest technology and value addition	Department of Food, Nutrition and Dietetics	WEBINAR	21/3/2020

Continued...

# MEET AND EXPOSURE

## WEBINARS

56	National Webinar on Science and Society, Lecture VII Topic: Understanding the microbial ecology of traditional fermented foods and human gut microbiota-a paradigm shift in our approach	Programme of Microbiology	WEBINAR	22/3/2022
57	Webinar on Health, Happiness and Harmony: Outcome of Hospitality and Tourism Management	Dept. of Hospitality and Tourism Management	WEBINAR	24/3/2022
59	Webinar on Optimization of Pharmaceutical dosage forms using design of experiment	Faculty of Pharmaceutical Science	WEBINAR	25/3/2022
60	Webinar on Publish or Perishing: The current scenario affecting Indian academia	Faculty of Pharmaceutical Science	WEBINAR	26/3/2022
61	Webinar on Application areas of Data Mining	Programme of CSE	WEBINAR	26/03/2022
62	Webinar on "Concrete used in Modern Construction Technology"	Programme of Civil Engineering	WEBINAR	29/3/2022
63	Webinar on Importance of Academic Degree of Performing Arts	Programme of Performing Arts	WEBINAR	29/3/2022
64	Webinar on Learn Powerful Principles to achieve your Finance Goals Build your wealth "Wealth Awareness Program"	I . Advisor's OrganizationII . AMFIII. SEBI	WEBINAR	29/3/2022
65	Sensitization and experimental learning on Mushroom Spawn production	Faculty of Science	WEBINAR	30/4/2022
66	Webinar on Overview of Intellectual Property Rights	IIC and AdtU	WEBINAR	05-04-22
68	TWO DAY VIRTUAL INTERNATIONAL CONFERENCEON "PROTECTING CHILDREN FROM MULTIPLE VULNERABILITIES: SOCIALWORK RESPONSES FROM COMMUNITY TO GLOBAL CONTEXT"	Programme Of Social Work, Faculty of Humanities and Social Sciences, Assam Down Town University, Panikhaiti, Guwahati, in Collaboration With the Department Of Social Work, Assam University (Central), Silchar, Assam	CONFERENCE	17/5/2022 to 18/5/2022
69	5th Regional Conference Theme: Transition in Nursing Practice: Novice to Expert	Faculty of Nursing	CONFERENCE	30/7/2022

Continued...

# MEET AND EXPOSURE

A total of 25 Faculty development program (FDP) and 03 Professional development program (PDP) have been conducted in the academic year 2021-2022. The glimpses are provided as follows:

70	Faculty Development Program on Quality Research Paper Writing and Publishing in High Impact Journals	Department of Management and Department of Hospitality and Tourism under the Faculty of Commerce and Management, AdtU	FDP	19th to 25th August, 2021
71	AICTE-ISTE sponsored Induction on Research skill development for Management Faculty	Department of Management under the Faculty of Commerce and Management, AdtU	FDP	21st to 28th December 2021
72	6days FDP Paradigm Shift in Pharmaceutical Education and Research in Post Pandemic Era	Faculty of Pharmaceutical Sciences	FDP	18/7/2022 to23/7/2022
73	Faculty Development Programme Theme: Emerging Trends, Technologies, Education and Reseach in the Health Care Industry	Faculty of Paramedical sciences	FDP	25/7/2022 to 30/7/2022
74	Faculty Development Programme Theme: Recent Trends of Research in Engineering and Technology	Faculty of Engineering & Technology	FDP	25/7/2022 to 29/7/2022
75	7 Days Virtual Faculty Development Programme on Artificial Intelligence and Bioinformatics for Human Welfare	Faculty of Science	FDP	29/7/2022 to 5/8/2022
76	Faculty Development Program on Quality Research Paper Writing and Publishing in High Impact Journals	Department of Management and Department of Hospitality and Tourism under the Faculty of Commerce and Management, AdtU	FDP	19th to 25th August, 2021
77	AICTE-ISTE sponsored Induction on Research skill development for Management Faculty	Department of Management under the Faculty of Commerce and Management, AdtU	FDP	21st to 28th December 2021
78	6days FDP Paradigm Shift in Pharmaceutical Education and Research in Post Pandemic Era	Faculty of Pharmaceutical Sciences	FDP	18/7/2022 to23/7/2022
79	Faculty Development Programme Theme: Emerging Trends, Technologies, Education and Reseach in the Health Care Industry	Faculty of Paramedical sciences	FDP	25/7/2022 to 30/7/2022
80	Faculty Development Programme Theme: Recent Trends of Research in Engineering and Technology	Faculty of Engineering & Technology	FDP	25/7/2022 to 29/7/2022
81	7 Days Virtual Faculty Development Programme on Artificial Intelligence and Bioinformatics for Human Welfare	Faculty of Science	FDP	29/7/2022 to 5/8/2022

# MEET AND EXPOSURE

## LECTURE SERIES

82	Pravadhan Pragya A management Lecture Series, Lecture Series #01 Importance of accounts and Audit in Business Organisation	Dept. of Management	LECTURE/GUEST LECTURE	16/3/2022
83	Chancellor's Lecture Series TOPIC: Nursing Profession in the United States: Educational Process and Current Challenges	Faculty of Nursing	LECTURE/GUEST LECTURE	04-09-22
84	Science Promotion Lecture Series Topic: Interaction between micro and macro organisms is in-built in the system		LECTURE/GUEST LECTURE	26/4/2022
85	Chancellor's Lecture Series #14 Topic: Application of Traditional Knowledge in Search of Potential Leads for Drug Discovery		LECTURE SERIES	30/4/2022
86	PRABANDHAN PRAGYA A Management Lecture Series On the Theme "Leadership : Shifting Dimensions in the 21st Century	Faculty of Commerce and Management	LECTURE SERIES	30/4/2022
87	Chancellor's Lecture Series #16 Topic: IP Protection is Key For Academic Excellence	Research & Innovation cell	LECTURE SERIES	23/7/2022
88	7TH Lecture of Pehchano Apna Desh Lecture Series	Dept. of Hospitality and Tourism Management	LECTURE SERIES	06-06-22
89	Chancellor's Lecture Series #15 Topic: Indigenously developed Carbon Quantum Dots in India: A technological outcome under Atmanirbhar Bharat	Research & Innovation cell	LECTURE SERIES	25/6/2022
90	Lecture Demonstration on "Dance Movement As A Therapeutic Modality"	Programme of Performing Arts, AdtUProgramme of Psychology, AdtUCreative Movement Therapy Association of India (CMTAI)	Lecture/Guest Lecture	04th August 2021
91	Pehchano Apna Desh" Lecture Series- 5	Department of Hospitality & Tourism Management, Faculty of Commerce and Management	LECTURE/GUEST LECTURE	01-06-22

# ALLIANCE FOR GROWTH

## COLLABORATIONS

Name of the Organisation/ Institution/ Industry with whom MoU is signed	Year of signing MoU
Assam Science Society	07-07-2022
CSIR-Institute of Minerals and Materials Technology	27-06-2022
Tagore institute LLP (TI)	18-05-2022
Orion Edutech Pvt.Ltd	20-06-2022
Assam Engineering college	24-02-2022
Uttaran Special Education Foundation	25-07-2022
North East Cancer Hospital and Research Institute	23-06-2022
Swami Vivekanada Subharti University	20-05-2022
Heartfulness Education Trust	21-04-2022
Indian Accelerator	02-07-2022
Institute of Bioresources and Sustainable Development	23-02-2022
Dinesh Shahra Foundation	10-09-2021
National Institute of Electronics & Information Technology	23-08-2021
The Assistant High Commission of Bangladesh	17-11-2021
Confederation of Indian Industry	09-10-2021
INTI International University	01-08-2021

# OUTREACH ACTIVITIES

Sl. No.	Name of the Extension and Outreach Activity	Organised by	No. of Participants	Date
1	HEALTH CAMP FOR WOMEN AND CHILDREN ORGANISED BY FACULTY AND STUDENTS OF ASSAM DOWNTOWN UNIVERSITY	Outreach Activities Committee, Assam downtown University	STUDENT: 15 TEACHER: 15 NON TEACHNG STAFF: 01 GUEST MEDICAL PRACTITIONERS: 02 BENEFICIARIES: 40 approx. TOTAL: 73 approx.	14th, 17th, 20th, 21st and 23rd December 2021
2	International Women's Day Theme: "Gender Equality Today for a Sustainable Tomorrow"	Engineering and Technology	STUDENT: 12 TEACHER: 60 NON TEACHING STAFF: 4 INVITED GUESTS: 2	8-9/3/2022
3	World Water Day	Outreach Activities Committee	STUDENT: 20 (Thakurkusi LP School), 08 (AdtU) TEACHER: 09 NON TEACHNG STAFF: 02 TOTAL: 39	22/3/2022
4	WORLD OPTOMETRY DAY, FREE EYE SCREENING CAMP AT RAJABARI VILLAGE.	Department of Optometry	STUDENT: 39 (4th semester- 23 students, 6th semester- 16 students) TEACHER: 3 BENEFICIARIES: 20 TOTAL: 62	23/3/2022
5	HEALTH CAMP on account of World Health Day with the theme "Our Planet Our Health"	Faculty of Nursing		04-07-2022
6	Awareness Program on World Health Day Theme: Our Planet, Our Health	Outreach Activities Committee, AdtU		04-09-2022
7	FREE EYE SCREENING CAMP AT DOWN TOWN SCHOOL, HATISILA	Department of Optometry	STUDENT: 2 TEACHER: 2 BENEFICIARIES: 54 TOTAL: 58	20/5/2022
8	Essential For First Aid	Faculty of Paramedical Sciences	NON TEACHNG STAFF: 50	06-11-2022
9	World Hypertension Day	Faculty of Paramedical Sciences	TEACHER: 45 UNIVERSITY ADMINISTRATION: 35	17/6/2022
10	A SMALL STREET PLAY ON INTERNATIONAL DAY AGAINST DRUG ABUSE	PARAMEDICAL SCIENCES	STUDENT: 15 APPROXIMATE NUMBER OF PARTICIPATION: 50	27/6/2022
11	Cataract Screening and Vision Check up Camp	Paramedical Sciences	APPROXIMATE NUMBER OF PARTICIPATION: 30	18/7/2022
12	World Hand Hygiene Day	Outreach Activities Committee & Rotary Club of Guwahati Smart City		05-05-2022
13	World Environment Day	Committee for Swacchta Action Plan and Programme of Social Work, Assam down town University, Guwahati and Helping Aid Foundation, Guwahati.	STUDENT: 45 TEACHER: 4 NON TEACHNG STAFF: 0 UNIVERSITY ADMINISTRATION: 0 NGO Staffs: 7 Villagers: 16	06-06-2022
14	HEALTH CAMP ON OCCATION OF WORLD POPULATION DAY	collaboration with Nursing Teachers Association India (NTAI), Assam State Branch	STUDENT: 4 TEACHER: 2 NON TEACHNG STAFF: 02 GUEST MEDICAL PRACTITIONERS: 1 BENEFICIARIES: 60	07-11-2022



# HONORS AND RECOGNITIONS

Name of the award/reward	Name of the Awardees	Name of the Awarding Agency	Year of Award	Category- Institution/ teacher/re search scholar/st udent
Certificate of Institution's Innovation Council (IIC)	Assam down town University	Innovation Cell, Ministry of Education, Govt. of India	2021-22	Institution
Certificate of Appreciation by National IP Awareness Mission (NIPAM)	Assam down town University	Govt. of India, Ministry of Commerce and Industry, Dept. for Promotion of Industry and Internal Trade, Office of the Controller General of Patents, Designs and Trademarks	2021-22	Institution
Best Private University in North East for Industry Interface 2022 (17th Rashtriya Shiksha Gaurav Puraskar Ceremony 2022)	Assam down town University	Centre for Education Growth and Research (CEGR)	2021-22	Institution
Association of Indian Universities membership	Assam down town University	Association of Indian Universities	2021-22	Institution
Excellence in Educational Legacy in Assam	Assam down town University	Education Eminence 2022 by Oil India Limited	2021-22	Institution
All India Survey on Higher Education(AISHE)	Assam down town University	Govt. of India, Ministry of Education, Dept. of Higher Education	2021-22	Institution

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# HONORS AND RECOGNITIONS

Name of the Department with recognition	Name of the Scheme	Name of the funding agency	Year(s) of Award	Funds provided	Duration of award
Faculty of Science, Faculty of Engineering & Technology, Faculty of Commerce and Management, Faculty of Pharmaceutical Science, Faculty of Humanities and Social Sciences, Faculty of Paramedical Sciences, Faculty of Nursing	National Intellectual Property Awareness Mission (NIPAM)	Ministry of Commerce and Industry, Govt. of India	2021-2022	NA	1 years
Faculty of Engineering & Technology and Pharmaceutical Science	Student's Science Project (SSP)	Assam Science Technology and Environment Council (ASTEC), Govt. of Assam	2021-2022	0.8	1 years
Faculty of Paramedical Sciences	Core Research Grant	Department of Science & Technology (DST), Govt. of India	2021-2022	2.585	2 years
Faculty of Engineering & Technology	Development of Multifunctional Seed sowing Machine for Agricultural Purpose	Assam Science Technology and Environment Council (ASTEC), Govt. of Assam	2021-2022	3.28	2 years
Faculty of Science	Himalayan Bio Resource mission	Department of Biotechnology (DBT) Govt of India	2021-2022	32.0612	3 years
Faculty of Science, Faculty of Engineering & Technology, Faculty of Commerce and Management, Faculty of Pharmaceutical Science, Faculty of Humanities and Social Sciences, Faculty of Paramedical Sciences, Faculty of Nursing	Scientific and Industrial Research Organisations (SIROs)	Department of Scientific and Industrial Research	2021-2022	NA	3 years

# HONORS AND RECOGNITIONS

Name of the award/reward	Name of the Awardees	Name of the Awarding Agency	Year of Award	Category- Institution/ teacher/re search scholar/st udent
Grow Dry	Mr. Manash Jyoti Borah	Down Town Venture Lab, Assam Startup	2021-22	Teacher
International researcher award	Dr. Gunamoni Das	Central Christian University and Prashras Trust,, hyderabad	2021-22	Teacher
Certificate of Excellence in Reviewing in recognition to outstanding contribution to the quality of the journal	Ms. Nirmali Gogoi	Asian Journal of Pediatric Research:	2021-22	Teacher
Best Mentor Award	Mr. Ruhul Amin	Sultan-ul-Uloom College of Pharmacy & Climed Research Solutions	2021-22	Teacher
Young Researcher Award 2022	Mr. Ruhul Amin	Institute of Scholars	2021-22	Teacher
Best poster	Ms. Moitrayee Devi	Pharmagyanav 2022, Pratiksha Institute of Pharmaceutical Sciences in collaboration with Assam Science Society & Indian Pharmaceutical Association	2021-22	Research scholar
Incubatee Startup under 'Campus Innovator' Program	Mr. Selim Masud Muhtadi	Office of Dean, Research & Innovation, Assam down town University	2021-22	Student

Continued...

# HONORS AND RECOGNITIONS

## INDIVIDUAL ACHIEVEMENT

Name of the award/reward	Name of the Awardees	Name of the Awarding Agency	Year of Award	Category- Institution/t eacher/rese arch scholar/stu dent
Best Researcher Award	Dr. Jai Shanker Pillai	Best Researcher Award, International Research Award on Science, Technology & Management, 14-15 May, 2022, Chennai	15 May, 2022	Teacher
Best Creative Head of the Year	Dr. Bhola Chaurasia	Best Creative Head of the Year, PARFICIO Award, UPACRI 2022 held on 28 & 29 May, 2022, organised by DHS Foundation	May, 2022	Teacher
Selected for Grant-in-aid of Rs. 7 lakhs for his innovation in clean energy solution under MeitY sponsored TIDE 2.0 scheme	Manash Jyoti Borah	Selected for Grant-in-aid of Rs. 7 lakhs for his innovation in clean energy solution under MeitY sponsored TIDE 2.0 scheme. He has incorporated a Startup named 'Prayktivation pvt ltd.' working entirely in solar and clean energy solutions. 7th October, 2021	7th October, 2021	Teacher
	Dr. Abhijit Dutta	Certificate of Best Paper Presentation, 1st Qatar International Conferences on Spinal Physiotherapy Interventions and Novel Evidence (QIConSPINE) 2022 held on 13 & 14 May, Doha, Qatar	2021-22	Teacher
International Researcher Award	Dr. Gunamoni Das	International Researcher Award in Recognition for the Outstanding Contribution Towards Intensive Research at 3rd Prahas Trust Awards Ceremony, 15 December 2021	15-Dec-21	Teacher
Reviewer Certificate	Dr. Manash Pratim Pathak	Reviewer Certificate, Journal of Clinical Laboratory Analysis, 12 March 2022	12-Mar-22	Teacher
Certificate of Excellence	Dr. Durga Prasad Kemisetti	Certificate of Excellence in Reviewing in Recognition of an Outstanding Contribution to the Quality of the Journal, Journal of Pharmaceutical Research International, 2022	2021-22	Teacher

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# HONORS AND RECOGNITIONS

## INDIVIDUAL ACHIEVEMENT

Name of the award/reward	Name of the Awardees	Name of the Awarding Agency	Year of Award	Category- Institution/ teacher/re search scholar/st udent
Certificate of Excellence	Prof. Nirmali Gogoi	Certificate of Excellence in Reviewing in Recognition of an Outstanding Contribution to the Quality of the Journal, Asian Journal of Pediatric Research, 2022	2021-22	Teacher
Certificate of Presentation	Prof. Nirmali Gogoi	Certificate of Presentation in 2nd World Congress of Nursing and Healthcare Summit 2021, held on 31 October 2021, BioGenesis Health Cluster, Bengaluru India	31-Oct-21	Teacher
Best Nursing Teachers Award	Dr. (Prof) Gitumoni Konwar	Best Nursing Teachers Award, The Nursing Teachers Association India (NTAI) held on 5 September, 2021	5 September, 2021	Teacher
Best Actor and Best Script Writing	Mr. Kaushik Nath	Best Actor and Best Script Writing at Cultural Festival, Attitude 2022, Assam down town University, 2022	2022	Student
Medallion of Excellence in Health & Social Care	Akriti Sharma	Medallion of Excellence in Health & Social Care on 6-10 January 2022, National Skill Development Corporation under Ministry of Skill Development & Entrepreneurship	6-10 January 2022	Student
International Symposium on Medication Therapy Management-2021, 2nd Prize Poster Presentation,	Abhishek Guha Roy	International Symposium on Medication Therapy Management-2021, 2nd Prize Poster Presentation, Sultan-ul-Uloom College of Pharmacy & Climed Research Solutions	2021	Student
1st Prize Poster Presentation	Snigdha Behera	SPER 10th Annual International Conference and Exhibition, 1st Prize Poster Presentation, Society of Pharmaceutical Education & Research & Ganpat University, 8-9 October 2021	8-9 October 2021	Student
	Mofidul Islam	2nd Position in 1st All Assam State Level Inter University Kickboxing Championship 2022, held from 14th to 16th May 2022 at Guwahati Commerce College Organized by Assam Kickboxing Association.		Student
2nd Prize in Debate Competition	Avay Paul	2nd Prize in Debate Competition by News18 Assam		Student

# HONORS AND RECOGNITIONS

## INDIVIDUAL ACHIEVEMENT

Title of the innovation	Name of the Awardees	Name of the Awarding Agency	Year of Award	Category- Institution/ teacher/re search scholar/st udent
Grow Dry	Mr. Manash Jyoti Borah	Down Town Venture Lab, Assam Startup	2021-22	Teacher
International researcher award	Dr. Gunamoni Das	Central Christian University and Prashras Trust,, hyderabad	2021-22	Teacher
Certificate of Excellence in Reviewing in recognition to outstanding contribution to the quality of the journal	Ms. Nirmali Gogoi	Asian Journal of Pediatric Research:	2021-22	Teacher
Best Mentor Award	Mr. Ruhul Amin	Sultan-ul-Uloom College of Pharmacy & Climed Research Solutions	2021-22	Teacher
Best poster	Ms. Moitrayee Devi	Pharmagyanav 2022, Pratiksha Institute of Pharmaceutical Sciences in collaboration with Assam Science Society & Indian Pharmaceutical Association	2021-22	Research scholar
Incubatee Startup under 'Campus Innovator' Program	Mr. Selim Masud Muhtadi	Office of Dean, Research & Innovation, Assam down town University	2021-22	Student



# START-UPS INCUBATED

Name of the start-up	Nature of start-up	Year of commencement	Contact information of the promoters
Priso Ayurveda	Personal Care	2022-23	Mr. Pankaj Kumar Singh Email: pankaj@buypriso.in Phone No: 9864119997
Wholesome Ventures	Food processing	2022-223	Mr. Nashat Hussain Email: wholesomeventures1@gmail.com Phone No: 9864119997
Nanoinnove Pvt Ltd	Agritech (Nanotechnology)	2022-2023	Mr. Debabrata Sarmah Email: devabratasarmah@gmail.com Phone No: 8720929727
Purvanchal Engineering Systems Private Limited	Electronics Manufacturing	2022-2023	Mr. Ashique Anowar Email: purvanchalengineeringsystems@gmail.com Phone 6002920374
Heal Bridge Pvt Ltd	Healthcare	2022-2023	Mr. Sumesh Chettri Email: sumeshchettri84@gmail.com Phone No: 9475552670
AlternatEV Solutions Pvt Ltd	EV Charging	2022-2023	Mr. Sahid Ansari Email: info@apluscharge.in Phone No: 7099018180
Symbica Private Limited	Medical Device	2022-2023	Mr. Nilotpal Baruah Email id-nilutpalbaruah986@gmail.com Phone No-8473891852
Fuloni LLP	Gardening	2022-2023	Mr. Hasan Al Mehdi Email: hassanalmehdi@gmail.com Phone No: 7259192310
Jolkuwori LLP	Aquaculture	2022-2023	Mr. Dipankar Kashyap Email: dipankash516@gmail.com Phone No: 9101325525

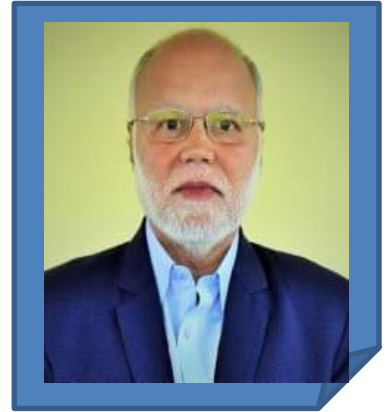
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# START-UPS INCUBATED

Name of the start-up	Nature of start-up	Year of commencement	Contact information of the promoters
Curobotic	Healthtech (AI)	2021-2022	Mr. Dipankar Dutta Email: dipankardutta639@gmail.com Phone No: 8402009760
Prayuktivation Private Limited	Cleantech (Renewable energy)	2021-2022	Mr. Manas Jyoti Bora Email: manashppp@gmail.com Phone No: 70025 93141
Interesting Technologies Pvt Ltd	ITeS	2021-2022	Mr. Sowrajit Baidya Email: sowrajit0610@gmail.com Phone No: 7005704667
Kumbhi Kagaz Pvt Ltd	Environment (Waste to Value)	2021-2022	Mr. Rupankar Bhattacharjee Email: rupankar.bhatt@gmail.com Phone No: 8638850077
Anycan Business Trade & Solution Private Limited (Black Horn)	Food processing	2021-2022	Mr. Prodyut Kumar Mahanta Email: prodyutmahanta@gmail.com Phone No: 7002389968
QuickFix Utility and Technology Solutions Pvt Ltd	Utility Services	2021-2022	Mr. Mukul Chandra Barma Email: mukulbarma@gmail.com Phone: 8638369292
D&D Learning LLP (Study Table)	Edtech	2021-2022	Aritra Dasgupta Email: aritradg56@gmail.com Phone No: 8777757535
Poynt Sports (Xipaar Solutions Pvt Ltd)	Sports events	2021-2022	Mr. Palash jyoti Mahanta Email: ceo@poyntsports.com Phone No: 8638291905
Springhive Labs Pvt Ltd	Edtech (Robotics)	2021-2022	Mr. Dipjyoti Kumar Email: dipjyotikr@gmail.com Phone No: 7002046464
Odessemania Pvt Ltd	Tourism and hospitality	2021-2022	Mr. Prasurjya Talukdar Email: prasurjya@Odessemania.in Phone No: 79045 51292
Bikozee Ecotech Pvt Ltd	Hyperlocal (Green mobility)	2020-2021	Mr. Sumit Das, Email: sumitech.das@gmail.com, Phone No: 81198 57375
Duracoat Tech Pvt Ltd	Manufacturing	2020-2021	Dr. Bornali Sarma, Email: drbornalisarma@gmail.com, Phone No: 8667691194
Agrithink Services LLP	Agritech	2019-2020	Mr. Taufik Ahmed, Email: taufik.ahmed@agrithinks.com, Phone No: 9957577816
Zerund Manufacturing Pvt. Ltd	Construction (Waste to value)	2018-19	Mr. David Pratim Gogoi Email: david.gogoi13@gmail.com Phone No: 8638407020



Prof. Jagdish Mukhi , Honorable Governor of Assam and Visitor to AdtU



Hon'ble members of Governing Body, AdtU. First Row: From left – Chairman - Dr. N. N. Memebhrs -Prof. Amarjyoti Choudhury (From 1<sup>st</sup> April 2020 to Aug 31, 2020), Prof. N. C. Talukdar, (Sept. 1 2020 onward), Middle Row: From left Memebhrs - Ar. Biswa Dutta; Ms. Mayurakshi Dutta; Dr. B. K. Gogoi; Bottom row- From left Memebhrs- Dr. Nandita Choudhury; Dr. Debashis Mitra; and Ms. Gariasi Dutta.

# GOVERNING BODY AND FINANCE COMMITTEE

## GOVERNING BODY AND FINANCE COMMITTEE

### •Members of the Governing Body of Assam down town University

Sl. No.	Name of the members	Designation
1	Dr. N. N. Dutta, Chancellor	Chairperson
2	Prof. (Dr.) N. C. Talukdar, Vice Chancellor	Member
3	Prof. (Dr.) Amarjyoti Choudhury	Member
4	Mr. Biswa Dutta	Member
5	Dr. B. K. Gogoi	Member
6	Dr. Debashish Mitra	Member
7	Dr. Nandita Choudhury	Member
8	Ms. Mayurakshi Dutta	Member
9	Ms. Gariasi Dutta	Member

### •Current Members of the Finance Committee of Assam down town University

Sl. No.	Name of the members	Designation
1	Dr. N. N. Dutta, Chancellor	Chairperson
2	Prof. N. C. Talukdar, Vice Chancellor	Member (from Sept 1, 2020)
3	Mr. Joutishman Dutta, Managing Trustee	Member
4	Mr. Ashim Barman, Addl. Registrar (Admin)	Member
5	Mr. Debashis Mitra, Financial Consultant	Member (Special Invitee)
6	Mr. Debojit Bhattachatya, Dy. Admin. Officer	Member
7	Mr. Jaydeep Kakati, Finance and Accounts Officer	Member Secretary

# THE BOARD OF MANAGEMENT

Sl. No.	Name and Designation	Position
1.	Prof.(Dr.) N.C.Talukdar, Vice Chancellor	Chairperson
3.	Ms.Mayurakshi Dutta, Trustee	GBRepresentative
4.	Ms.Gariasi Dutta, Resident Trustee	GBRepresentative
5.	Prof. Bandana Dutta, Dean of Studies	Not thememberofthe Governing Body,nominatedbytheTrust
6.	Mr. Joutishman Dutta, Managing Trustee	Notthememberofthe Governing Body,nominatedbytheTrust
7.	Dr. Sunandan Baruah, Dean, Research and Innovation	Teacher,nominatedbytheTrust
8.	Prof.Seema Sharma, Dean, Faculty of Commerce and Management	Teacher,nominatedbytheTrust
9.	Prof. Rajeev Sarmah, Professor, Faculty of Science	Teacher,nominatedbytheTrust
10.	Dr.Biplab Kumar Dey, Dean Faculty of Pharmaceutical Science	Teacher,nominatedbytheVice Chancellor
11.	Dr.Abhijit Dutta, Dean, Faculty of Paramedical Sciences	Teacher,nominatedbytheVice Chancellor
12.	Mr. Nitul Jyoti Das, Dy. Registrar (Academic)	Member
13.	Prof. Dharmeswar Das, Chairman Research	Special Invitee
14.	Dr. Joydeep Goswami, Controller of Examination	Special Invitee
15.	Dr. Pratap Chandra Sarma, Chairperson, Faculty of Science and Paramedical Sciences	Special Invitee
16.	Dr. Ruhit Jyoti Konwar, Dy.Registrar (Academic)	Special Invitee
17.	Dr.Yahya Mazumder, Dy.Registrar (Administration)	Special Invitee
18.	Dr. L.N. Kakati, Dean, Faculty of Science	Special Invitee
19.	Prof.Manashi Sengupta, Dean, Faculty of Nursing	Special Invitee
20.	Dr.Prateeti Barman, Dean I/C, Faculty of Humanities and Social Sciences	Special Invitee
21.	Dr. Mala Dutta, Associate Dean, Faculty of Information Technology	Special Invitee
22.	Mr. Purba Prasad Borah, Deputy Director,Quality & Process	Special Invitee
23.	Dr. Debojit Bhattacharya, Dy. Controller of Examination	Special Invitee
24.	Mr. Bhabajyoti Saikia, OSD to V.C.	Special Invitee
25.	Mr. Ashim Barman, Additional Registrar (Administration)	Member Secretary

# THE ACADEMIC COUNCIL

Sl. No.	Name and Designation	Position
1.	Prof.(Dr.)N.C.Talukdar, Vice Chancellor	Chairperson
2.	Prof.(Dr.)PranveerSingh,ProViceChancellor	Member
3.	Prof. Bandana Dutta, Dean of Studies	Chairperson of Faculties of Studies
4.	Ms. Gariasi Dutta, Resident Trustee	BoM Member nominated by Chancellor
5.	Mr.JoutishmanDutta,ManagingTrustee	BoM Member nominated by Chancellor
6.	Prof.A.K.Goswami	Eminent Academician Chancellor's nominee
7.	Dr. Biren Das, Registrar, Tezpur University	Head of a recognized institution, VC 's nominee
8.	Dr. R. Sarmah, Prof. Faculty of Science	Teacher Representative
9.	Dr. Saikat Sen, Prof., Faculty of Pharmaceutical Science	Teacher Representative
10.	Dr. Pratap Chandra Sarma, Chairperson Faculty Of Paramedical Sciences and Faculty of Science	Chairperson of Faculty
11.	Dr. Biplab Kumar Dey, Dean, Faculty of Pharmaceutical Science	Dean of Faculty
12.	Dr. Sunandan Baruah, Dean, Research and Innovation	Dean, Research and Innovation
13.	Prof.(Dr.) G. K. Upadhyay, Dean, Faculty of Engineering	Dean of Faculty
14.	Dr. L. N. Kakati, Dean, Faculty of Science	Dean of Faculty
15.	Prof. Seema Sharma, Dean, Faculty of Commerce and Management	Dean of Faculty
16.	Prof. Manashi Sengupta, Dean, Faculty of Nursing	Dean of Faculty
17.	Dr. Abhijit Dutta, Dean, Faculty of Paramedical Sciences	Dean of Faculty
18.	Dr. Prateeti Barman, Dean I/C, Faculty of Humanities and Social Sciences	Dean of Faculty
19.	Mr. Nitul Jyoti Das, Dy.Registrar (Academic)	Member
20.	Dr. Bhola Chourasia, HoD, Hospitality and Tourism Management	Member
21.	Prof. Dharmeswar Das, Chairman Research	Special Invitee
22.	Dr. Ruhit Jyot iKonwar, Dy. Registrar (Academic)	Special Invitee
23.	Dr. Yahya Mazumder, Dy.Registrar (Administration)	Special Invitee
24.	Mr. Purba Prasad Borah, Deputy Director, Quality & Process	Special Invitee
25.	Dr. Joydeep Goswami, Controller of Examination	SpecialInvitee
26.	Dr. Debojit Bhattacharya, Dy. Controller of Examination	SpecialInvitee
27.	Mr.BhabajyotiSaikia,OSDto Vice Chancellor	SpecialInvitee
28.	Mr. Ashim Barman, Additional Registrar (Administration)	Member Secretary



The University adopted a decentralized and participatory administration for the management and normal functioning of the University, with an effective hierarchy structure. Under the functioning of this system, day-to-day governance is administered through committee-based decisions. Most of the stakeholders are included in these committees for quality decisions. Periodical review of the functioning of the committees helps the university to improve the system. The best example that can be cited for the academic session 2020-21 is the successful implementation of the digitization of the teaching learning process. The University is currently using ICT-enabled tools (PRAN) for teaching and learning processes. The library of the institution provides academic and scholarly materials, e-contents, e-research journals, papers, etc., which can be accessed from anywhere via the e-portal of the library. Some of the e-resource portals are DeLNET, Jgate, and NDLI. The institution has made it mandatory for students to undergo learning courses, on completion of which they receive an e-certificate. The university was certified for the digitization initiative with “E-Learning Excellence for Academic Digitization” by QS IGAUGE.

The university is governed by the Governing Body (GB) of the University under the assistance of Academic Council (AC) and Board of Management (BOM). The university adopts both a top-down and bottom-up approach for effective functioning.

The following functional units/committees besides the statutory bodies for effective functioning in the academic session include the following:

- |  |   |
|--|---|
| 1. Faculty Advisory Committee                | 13. Faculty Level placement committee         |
| 2. Departmental Advisory Committee           | 14. Steering Committee (Quality Circles)      |
| 3. Board of Studies                          | 15. Quality Circles                           |
| 4. University Research Council               | 16. Anti ragging cell                         |
| 5. Faculty Research Council                  | 17. Purchase Committee                        |
| 6. IQAC                                      | 18. Internal compliance Committee             |
| 7. External project review committee         | 19. Legal Compliance Committee                |
| 8. Internal Project review committee         | 20. Disciplinary action committee             |
| 9. Examination committee                     | 21. Grievance Redressal Committee             |
| 10. Student affair & student committee       | 22. Campus development & management Committee |
| 11. Faculty Level students' affair committee |   |
| 12. Placement Committee                      |   |

# QUALITY ASSURANCE INITIATIVES

Sl. NO.	Name of quality initiative by IQAC	Date of conducting IQAC	Number of participants/beneficiaries
1	Webinar on “Intellectual Property (IP): Rights, Needs and Awareness for Academia”	12-01-2022	100
2	5th Management Review Meeting on Implementation of ISO 9001:2015 QMS	19-11-2021	12
3	6th Management Review Meeting on Implementation of ISO 9001:2015 QMS	27-12-2021	12
4	Quality Management System Recertification Audit	17-01-2022 to 18-01-2022	279
5	Academic Administrative Audit	6 & 7 May, 2022	300
6	Academic Audit	15 to 17 June, 2022	300
7	FDP ON CURRICULUM AND REGISTRATION PROCESS	11-03-2022	30

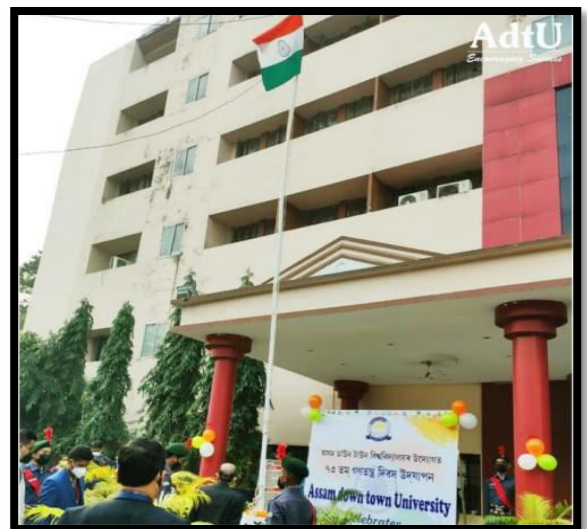
## Celebration of 75<sup>th</sup> Independence Day

On August 15, 2021, Assam down town University (AdtU) celebrated the 75th Independence Day of India through a physical as well as virtual mode to honor the occasion, maintaining the personal safety measures as priority.



## Celebration of 73<sup>th</sup> Republic Day on January 26, 2022.

Assam down town University celebrated the 73rd Republic Day on 26th January 2022. The event started at 9:00 am with the arrival of guests and a welcome address by the host of the event. Prof. Homeshwar Goswami was invited as the Guest of Honor of the event, and he unfurled the National Flag. All the members present on the campus joined in the flag-unfurling ceremony with the playing of the national anthem. The event was followed by a march past by the security staff.



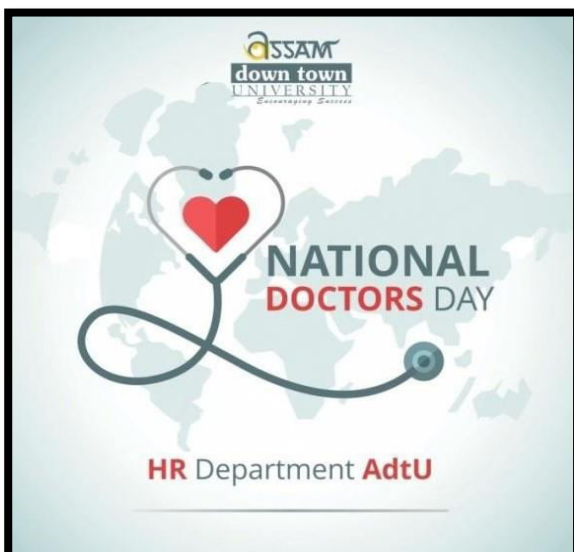
## Celebration of Teacher's Day

The Faculty of Pharmaceutical Science, Assam down town University celebrated "Teachers' Day." Considering the COVID-19 pandemic situation, the event was conducted in hybrid mode. The event was started with an auspicious lamplighting ceremony, followed by the University anthem and welcome address by Prof. (Dr.) Amarjyoti Choudhury. On that occasion, Prof. (Dr.) Amarjyoti Choudhury sir shared his most valuable view. Several students from different faculties have presented a couple of cultural events.



## Celebration of National Doctors' Day

In a bid to recognize the noble and righteous services of doctors, the HR department of Assam down town University celebrated National Doctors' Day by acknowledging their service and effort towards society by presenting them bouquets as a token of appreciation.





## Celebration of National Science Day

Assam down town University organized a day-long program to celebrate National Science Day (NSD) at the University premises to commemorate the discovery of the Raman Effect by C. V. Raman on this day in the year 1928. AdtU has been celebrating NSD from its inception. The NSD theme for this year was “Integrated Approach in S & T for Sustainable Future.”



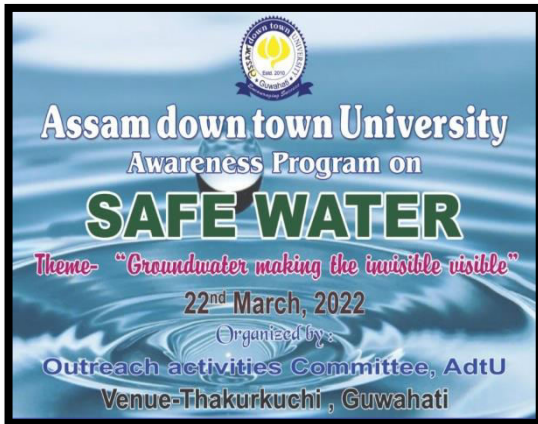
## Celebration of World Environment Day on June 5

On the occasion of World Environment Day 2021, we, the Faculty of Nursing, Assam down town University, organized a virtual conclave on “Ecosystem Restoration” on 5th June 2021 through an online platform due to the ongoing COVID pandemic.



## Celebration of World Water Day

Assam down town University organized an awareness program to observe World Water Day with the young children of Thakurkusi LP School located in the Thakurkusi village. The program was organized by the members of the Outreach Activities Committee of the University under the supervision of Dr. Gitumoni Konwar Bordoloi, Dean, Faculty of Paramedical Sciences, Assam down town University.



## Celebration of International Women's Day

On March 8, 2022, the Faculty of Engineering and Technology of Assam down town University hosted a two-day event at Begenabari, one of the AdtU adopted villages near Panikhaiti, to commemorate International Women's Day. The celebration was attended by women from AdtU's five adopted villages (Begenabari, Tamul bari, Thakurkusi, Raja Bari, and Tin tukura). Mr. Sadhan Dey, Secretary of the Begenabari Welfare Development Committee, spoke during the event.





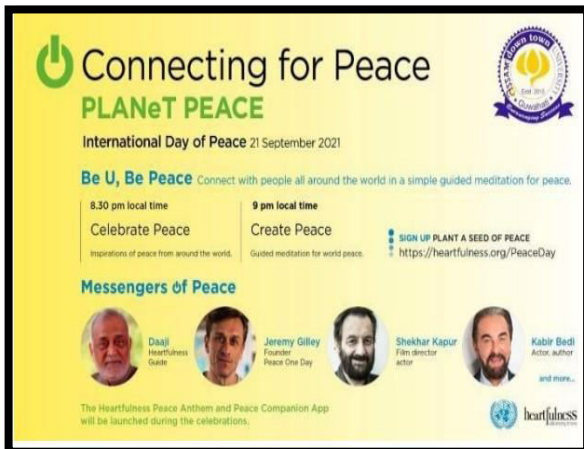
## Celebration of International Dance Day

On the occasion of International Dance Day 29th April 2022, there were eight solo and group dances performed by the students; the chief guest also enlightened us with dance therapy activities; and there was a performance by the chairperson, convener, and faculty member of the dance club.



## Celebration of International Peace Day

Assam down town University and Heartfulness Institute have collaboratively organized the celebration of the International Day of Peace on 21st September with a tree plantation drive. The tree plantation drive was inaugurated by the Vice Chancellor, Prof. Narayan Chandra Talukdar, Dean of Studies, Prof. Bandana Dutta, and Advisor Research, Prof. Dharmeswar Das. A total of 110 saplings, including 10 Rudraksh, 50 Red Chandan, and 50 White Chandan, were planted. The entire event was organized in compliance with COVID-19 safety measures.





## Celebration of World Health Day

Every year, 7th April is celebrated as the World Health Day to commemorate the foundation of the World Health Organization on various themes that draw the attention of the public to a specific health topic of concern. This year the theme chosen was "Our Planet, Our Health." Thus, the Faculty of Nursing felt the need to assess the health status of the security and housekeeping staffs of Assam down town University to make them aware as well as to impart knowledge regarding health and well-being.



## Celebration of International Yoga Day

On the occasion of international Yoga Day students, staff of AdtU learned Yoga Assanas and meditation for one and a half hours in Yoga Hall, AdtU. Master Jivanad Nitai, Former Monk, Yoga Instructor, Master Healer, Editor-in-Chief, Bhaktivedanta Book Trust, Assam, 15 years experience enlightened our staff and students with assanas. The event was organized by the department of HR to promote health and wellness.



## Celebration of World Optometry Day

Assam down town University, Department of Optometry organized a one-day eye screening camp on 23rd March 2022 on behalf of World Optometry Day at Rajabari village located within the peripheries of Chandrapur. The eye screening camp was intended to create awareness amongst the people regarding general eye care. The camp provided comprehensive eye examinations and awareness to all the people regarding various eye-related issues.



## Celebration of World Social Work Day

On the occasion of World Social Work Day (15th of March, 2022), the students of the Social Work Programme at Assam Down Town University celebrated World Social Work Day by hosting a small event in Rajabari village, Panikhaiti, on the theme "Co-building a new Eco-Social World leaving no one behind." The purpose of hosting the event was to raise awareness about awakening gender equality and the rights of all. This is to put emphasis on the importance of treating everyone equally and with respect and honor, irrespective of age group, religion, caste, race, sex, or gender, and to build a society without discrimination, harassment, and domestic violence, and to give awareness to the weaker section of the society (the elderly people, children, and women) about their legal rights.





## Celebration of Nursing Day



## Celebration of National Unity Day

Assam down town University celebrated NATIONAL UNITY DAY on October 31, 2021. In this regard, a pre-recording was done on October 28, 2021, where a Unity march was carried out by the cadets of 50 Assam Air Sqn (Fly), NCC. Twelve cadets (10 SD and 02 SW) had participated. The event was coordinated by Mr. Biraj Kalita and Dr. Manash Sarma.



## Celebration of Bohag Bihu Festival

Assam down town University (AdtU) celebrates Bohag Bihu, also known as Rongali Bihu, with vibrant and joyful festivities. Bohag Bihu marks the Assamese New Year and the arrival of spring, and it is one of the most significant festivals in Assam.



## Celebration of Holi Festival

Assam down town University (AdtU) organized a workshop on "Holi Geet," a traditional musical event associated with the festival of Holi. Holi Geet, or Holi songs, is a key part of the festivities during Holi, the festival of colors celebrated in India.





## Celebration of Christmas

The Department of Hospitality & Tourism Management, under the Faculty of Commerce and Management, Assam down town University organized Cake Mixing Ceremony on the occasion of the pre-Christmas celebration on Saturday, 22nd December. The Cake Mixing Ceremony marked the beginning of the pre-Christmas celebration, which is the first of its kind at “Assam down town University” this year.



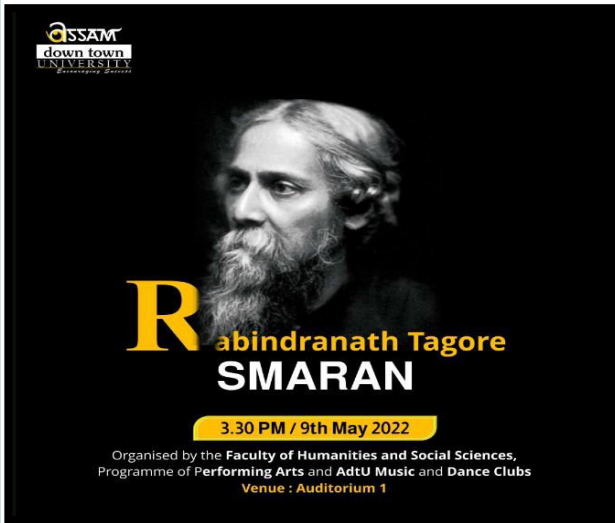
## Celebration of Gandhi Jayanti

Assam down town University (AdtU) commemorates Gandhi Jayanti on October 2nd to honor the birth anniversary of Mahatma Gandhi, the Father of the Nation and a pivotal figure in India's struggle for independence. On this occasion, a cleanliness drive has been conducted from the University campus to the Panikhaiti Police Station area. The initiative to clean the entire University and local police station premises was a gentle reminder to the common people regarding the importance of maintaining cleanliness and hygiene. The distributed leaflets will build awareness among the common people regarding hygiene and health concerns.



## Celebration of Rabindranath Tagore Smaran

Assam down town University (AdtU) observes Rabindranath Tagore Smaran to honor the memory and contributions of Rabindranath Tagore, the Nobel laureate poet, philosopher, and cultural icon from India.



## Celebration of Rabha Divas

Assam down town University (AdtU) celebrates Rabha Divas to honor the memory and contributions of the renowned Assamese poet and writer, Chandra Kumar Agarwala, who is often referred to by his pen name, Rabha. Considering the COVID situation, the event was organized in virtual mode where students paid tribute to the great Assamese legend, Bishnu Prasad Rabha, on his death anniversary.



List of Cultural activities	Year
Kabitar Xur - Poem Recitation competition	2021-2022
Mimicry Contest	2021-2022
Capture Contest, Theme-Landscape of Assam	2021-2022
Debate Champion	2021-2022
Brush Ballet - Art Contest	2021-2022
Rapid Reel Race	2021-2022
Photography Competition, Theme- Wild Life	2021-2022
Crafting from Waste Contest	2021-2022
Gourmet Gauntlet	2021-2022
Creative Visuals - Poster Competition	2021-2022
Anchoring Quest	2021-2022
Romantic Couple Act	2021-2022
Skit Contest 2021	2021-2022
Quiz Marathon	2021-2022
Chorus Competition	2021-2022
Photography Contest, Theme Gender Equity	2021-2022
On Spot Story Writring	2021-2022
Mr & Miss AdtU	2021-2022

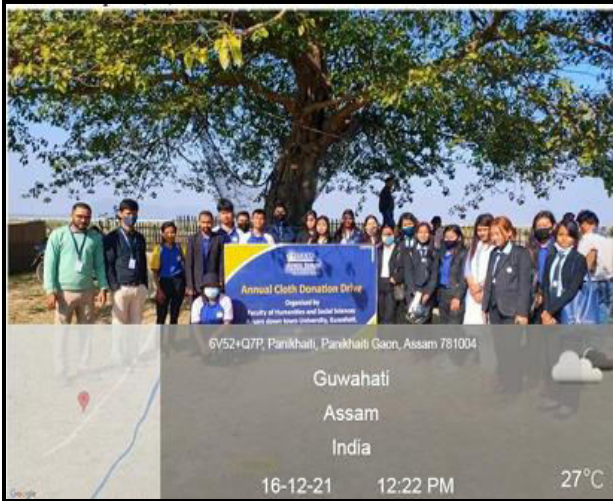


List of Cultural activities	Year
Voice of AdtU 2022	2021-2022
Band of AdtU 2022	2021-2022
Sketch Sprint	2021-2022
Campus Area Decoration Competition 2022	2021-2022
Mythical Drama Competition	2021-2022
Dance It Out- Attitude 2022	2021-2022
Satriya Nritya Competition	2021-2022
Nritya Sangam	2021-2022
Drama Contest	2021-2022
Mask Making competition	2021-2022

List of Sport activities	Year
Table Tennis Championship 2021	2021-2022
Tug of War Competition	2021-2022
Futsal Tournament 2021 (Boy's & Girl's)	2021-2022
Basketball Tournament 2021	2021-2022
Football Tournament 2021	2021-2022
Running Competition (Boy's & Girl's)	2021-2022
Shot Put Throw Competition (Boy's & Girl's)	2021-2022
Discus Throw Competition (Boy's & Girl's)	2021-2022
Down town Premier League 2k21	2021-2022
High Jump Competition	2021-2022
Chess Competition	2021-2022
Arm Wrestling (Boy's & Girl's)	2021-2022
Kabaddi Competition	2021-2022
Badminton Tournament 2022 V.1 (Boy's & Girl's)	2021-2022
Long Jump Competition	2021-2022
AdtU Inter College Champions Trophy 2022	2021-2022
Volleyball Competition	2021-2022
Pool Championship	2021-2022
Carom Competition 2022	2021-2022
Swimming Competition	2021-2022

## Cloth Donation Drive for the People of Rajabari Village

Assam down town University conducted Cloth Donation Drive for the people of Rajabari Village on December 16, 2021, with the help of Faculty Coordinator, Mr. Arnab jyoti Deva Sarma, from the Faculty of Paramedical Sciences, and students. A total of 33 local people benefited from these activities.



## Health Awareness Programme for the children of Borjhar Village

Assam down town University conducted Health Awareness Programme for the children of Borjhar Village on May 23, 2022, with the help of Faculty Coordinator, Mr. Arnab jyoti Deva Sarma, from the Faculty of Paramedical Sciences, and students. A total of 24 local children benefited from these activities.



## BMI awareness for Womens' Better health at Tamulbari, Panikhaiti

Assam down town University conducted a BMI awareness programme for women's Better health at Tamulbari, Panikhaiti, dated April 26, 2022, with the help of Faculty Coordinator, Mr. Rajgun Handique from the Faculty of Humanities and Social Science, and students. A total of 21 village women were benefited from these activities.



## Mental Health Awareness among the students of Tintukura Village

Assam down town University conducted Mental Health Awareness among the students of Tintukura Village on March 10, 2022, with the help of Faculty Coordinator, Mr. Arnab jyoti Deva Sarma from the Faculty of Paramedical Sciences, and students. A total of 20 students benefited from these activities.



## Disease Awareness camp at Thakurkuchi Village

Assam down town University conducted Disease Awareness camp at Thakurkuchi Village on December 12, 2021, with the help of Ms. Pranami Chakravorty from the Faculty of Commerce & Management and students. A total of 21 local people benefited from these activities.



## ADR medication awareness camp among the People of Panikhaiti Village

Assam down town University conducted an ADR medication awareness camp among the people of Panikhaiti Village on May 5, 2022, with the help of Dr. Dhrubajyoti Sarkar from the Faculty of Pharmaceutical Sciences and students. A total of 37 local people benefited from these activities.





## Awareness Building against Tobacco among the Youth of Chandrapur Village

Assam down town University conducted Awareness Building against Tobacco among the youth of Chandrapur Village on May 31, 2022, with the help of Dr. M. K. Deb from the Faculty of Humanities and Social Sciences and students. A total of 29 local youth benefited from these activities.



## Awareness Building on Safe Drinking Water for the Youth of Thakurkuchi Village

Assam down town University conducted Awareness Building on Safe Drinking Water for the youth of Thakurkuchi Village on March 22, 2022, with the help of Mr. Rahul Nayak from the Faculty of Sciences and students. A total of 31 local youth benefited from these activities.



## Seminar on AI for the Youth of Bonda Village

Assam down town University conducted a seminar on AI for the Youth of Bonda Village on May 4, 2022, with the help of Dr. Dhrubyajyoti Sarkar from the Faculty of Pharmaceutical Sciences and students. A total of 21 local youth benefited from these activities.



## Awareness Building Camp on Cyber Security for the Youth of Chandrapur Village

Assam down town University conducted Awareness Building Camp on Cyber security for the youth of Chandrapur Village on April 19, 2022, with the help of Mr. Mriganka Mazumdar from the Faculty of Engineering & Technology and students. A total of 40 local youth benefited from these activities.





## Dengue Awareness Program for the People of Tintukura Village

Assam down town University conducted Dengue Awareness Program for the people of Tintukura Village on May 10, 2021, with the help of Mr. Arnab Jyoti Deva Sharma from the Faculty of Paramedical Sciences and students. A total of 15 local people benefited from these activities.



## Heart Awareness Meet for the People of Rajabari Village

Assam down town University conducted Heart Awareness Meet for the People of Rajabari Village on September 29, 2021, with the help of Mr. Arnab Jyoti Deva Sarma from the Faculty of Paramedical Sciences and students. A total of 33 local youth benefited from these activities.



## Glaucoma Awareness Programme for the People of Tintukura Village

Assam down town University conducted Glaucoma Awareness Programme for the People of Tintukura Village on October 20, 2021, with the help of Mr. Arnab Jyoti Deva Sharma from the Faculty of Paramedical Sciences and students. A total of 25 local people benefited from these activities.



## Awareness Programme on the Benefits of Exercises for the Health for the People of Tamulbari Village

Assam down town University conducted Awareness Programme on the Benefits of Exercises for the Health for the People of Tamulbari Village on February 17, 2022, with the help of Mr. Rahul Nayak from the Faculty of Science and students. A total of 17 local residents benefited from these activities.



## Awareness Building on Soil Health among the Farmers of Rajabari

Assam down town University conducted Awareness Building on Soil Health among the farmers of Rajabari on March 1, 2022, with the help of Mr. Arnab Jyoti Deva Sharma from the Faculty of Paramedical Sciences and students. A total of 50 local farmers benefited from these activities.



## Benefits of Family Planning 2020 for the people of Bengenabari Village

Assam down town University conducted Benefits of Family Planning 2020 for the people of Bengenabari Village on April 19, 2022, with the help of Mr. Mriganka Mazumdar from the Faculty of Engineering and Technology and students. A total of 21 local residents benefited from these activities.





GLIMPSE OF CAMPUS LIFE



The University has developed facilities depending on the need and with proper planning for the overall development of the students. In the academic session 2020-21, it has raised classrooms to 204 normal and 58 smart classrooms; many new laboratories were added to 67; 3 auditoriums; 9 conference halls. The central library was furnished with uninterrupted power supply, faculty rooms, seminar halls, and increased the learning resources supported with e-resources and a video center. Further facilities, such as a counseling room, language lab, media lab, and Central Instrumentation Facility (CIF) lab, were developed. The library is facilitated with high-speed internet by connecting with a dedicated lease line, the computation systems, high-end projectors, headphones, and laptops are for audio-visual. The campus has a well-equipped playground, gymnasium, swimming pool, and hostel, and facilities like a Xerox, stationery, and grocery store were developed.



The University has adequate sports and cultural facilities. The amphitheater (with 300 capacity) with state-of-the-art facility, cinema hall, board room, council room, and seminar hall for meetings and cultural activities were developed. The faculties and students have access to both indoor and outdoor sports facilities on an everyday basis. It has a gym, a yoga center, an indoor stadium, and an indoor swimming pool with professional instructors available for both the faculties and students. It has well maintained the playground for outdoor games and sports such as cricket and football. All these infrastructures are well maintained for better use. The campus

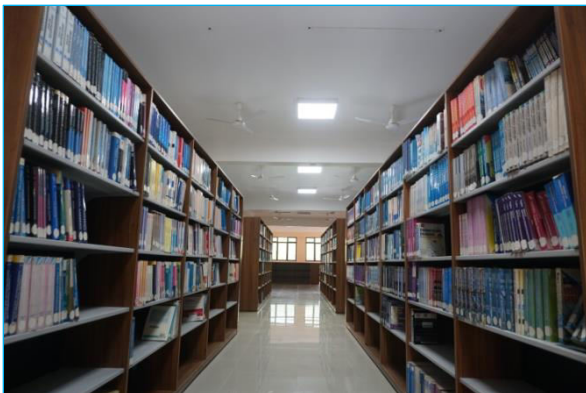
also has a pharmacy along with doctor consultation for general and emergency situations, one ATM, five canteens located at different blocks or specific locations of the campus, a departmental store with a wide range of grocery and stationary items, a bakery unit, an animal shelter, two ponds, a medicinal garden, and a general garden. The local farming is also done within the campus by the residents of the nearby adopted villages.



**ADVANCED  
LABORATORY FACILITY**



**RESOURCEFUL  
LIBRARY FACILITY**

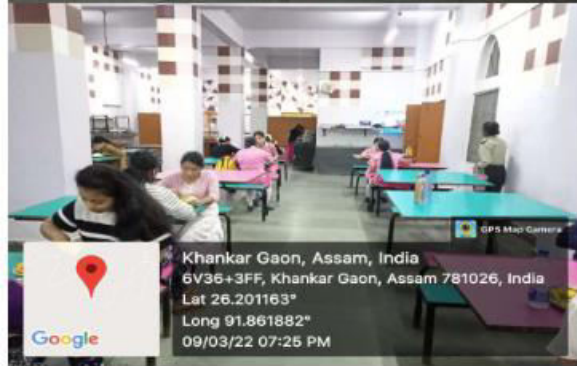




A. Girls Canteen



B. Boys Canteen



B. Hall - B: Auditorium II



A. Hall - A: Auditorium I





A. Boys Hostels



B. Girls Hostel

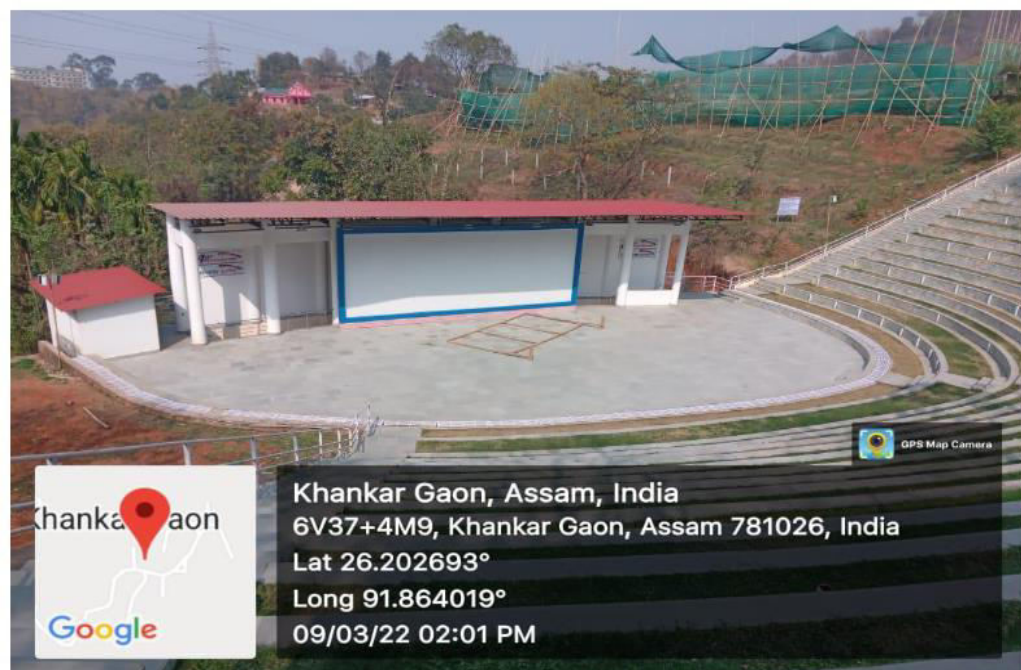
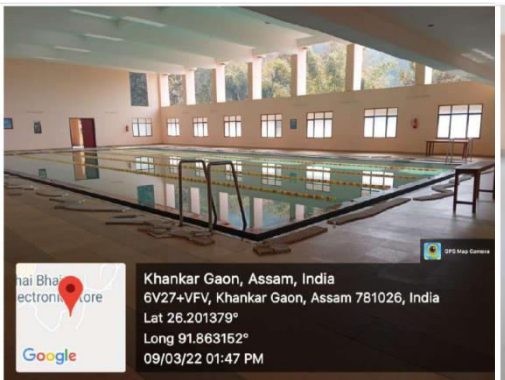
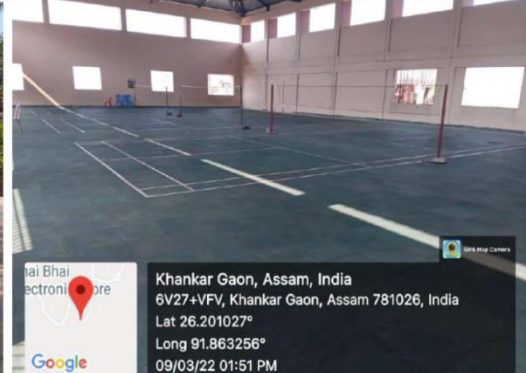
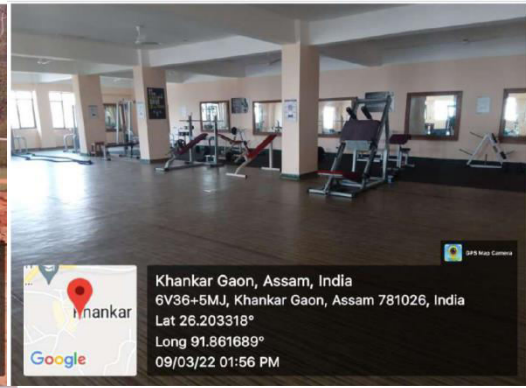


A. Pharmacy Corner



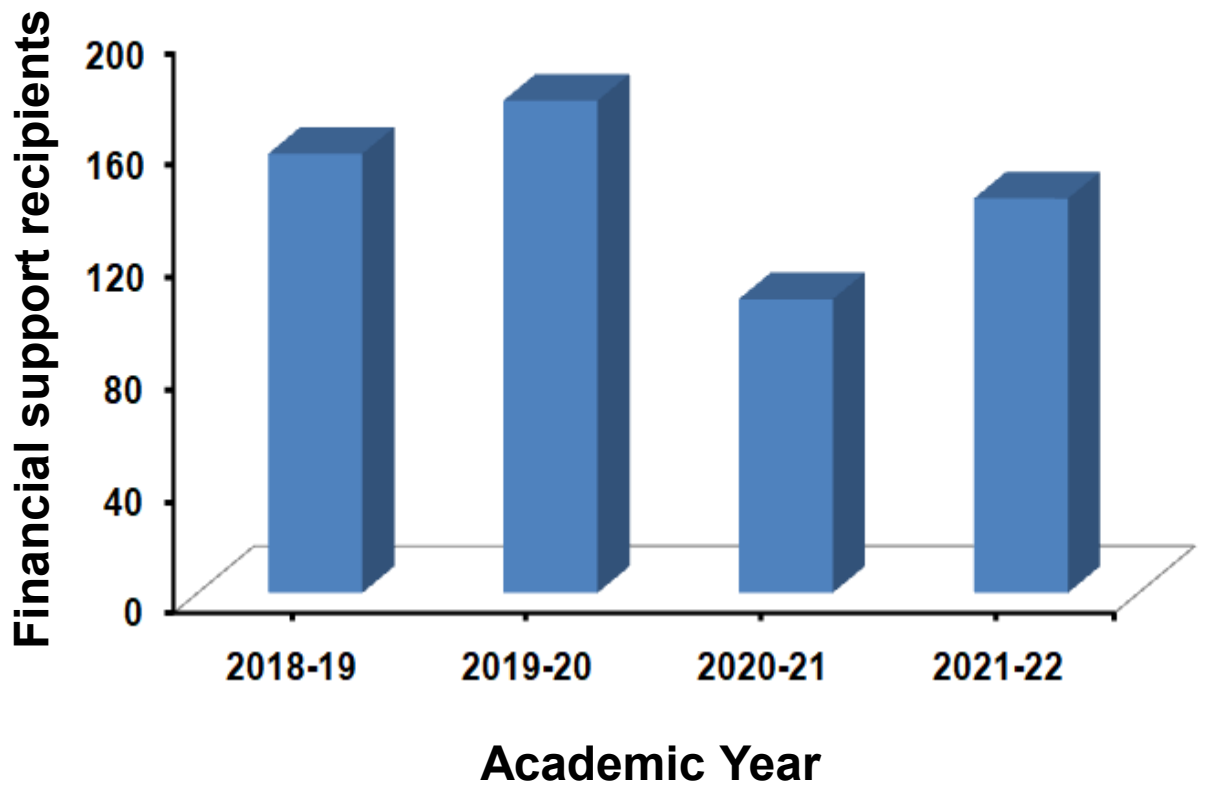
Facilities	Number	Size
Football Field	01	7000 SqM
Gymnasium	01	242.25 SqM
Volley Ball Court	02	891 SqM
Basket Ball Court	01	961 SqM
Badminton Court	02	216.7 SqM
Table Tennis Room	05	142.7 SqM
Yoga Room	01	157.4 SqM
Swimming Pool	01	650 SqM
Amphitheatre	01	2656 SqM
Angling Pond	04	8378 SqM

GLIMPSE OF INFRASTRUCTURE



Name of the capability enhancement scheme	Details of the Scheme	Year of implementation
Soft Skills Development	The Power of Perception: Personal Branding and Grooming Workshop	2021-2022
	The Art of Nonverbal Fluency: Kinesics Training	2021-2022
Language and Communication Skills Development	Speak Smart: Public Speaking Skills	2021-2022
	Interpersonal Insights: Developing Communication Dynamics	2021-2022
	Phono Fusion: Perfecting Pronunciation	2021-2022
Yoga and Wellness	Beyond the Basics: Mastering Advanced Yoga Poses	2021-2022
	Workshop for Face Yoga	2021-2022
Analytical Skill Development	Bootcamp on Data Interpretation	2021-2022
	Program for Developing Employability Skills Focused on Problem-Solving	2021-2022
	Analysing Data with Statistical Tools: A Practical Workshop	2021-2022
Human Value Development	Curbing the Menace of Ragging in Higher Educational Institutions	2021-2022
	Navigating Interpersonal Dynamics: Workshop on Respectful Engagement	2021-2022
	Calm Amidst Chaos: Workshop on Anger and Anxiety Management	2021-2022
Personality and Professional Development	Student Enrichment Programme	2021-2022
	Celebrating diversity and practicing inclusion	2021-2022
Employability Skills Development	The Art of Influencer Marketing: Strategies for Success	2021-2022
	Navigating Your Career Path: Building Essential Job Skills	2021-2022





Figure\_8

Sl. No.	Name of the activity	Organised by	No. of Participants	Date
1	75TH INDEPENDENCE DAY CELEBRATION	Program of Physiotherapy, Faculty of Paramedical Sciences, ADTU	STUDENT: 92 TEACHER: 62 NON TEACHNG STAFF: 27 UNIVERSITY ADMINISTRATION: 16 INVITED GUESTS: 3	15th August, 2021
2	Celebration of International Peace Day	Organized by HEARTFULLNESS EDUCATION TRUST, SHRI RAM CHANDRA MISSION in collaboration with UNESCO MGIEP and UNITED NATIONS INFORMATION CENTER FOR INDIA AND BHUTAN	Student: 112 Teacher: 43 Non Teaching Staff: 15 University Administraion: 6 Invited Guests: 6	21th September 2021
3	Teachers Day Celebration	Faculty of Pharmaceutical Science	Student: More than 500 Teacher: 130 Non Teaching Staff: 50 University Administraion: 20 Invited Guests: 10	5th Sept 2021
4	Celebration of 78th birth anniversary of Jayanta Hazarika.	Programme of Performing Arts, AdtU	Student : 0 Teacher : 5 Non teaching staff : 3 Invited guests: 4	22nd September 2021
5	World Pharmacist Day Celebration	Faculty of Pharmaceutical Science	Student: More than 400 Teacher: 35 Non Teaching Staff: 15 University Administraion: 20 Invited Guests: 4	25th Sept 2021
6	WORLD TOURISM DAY CELEBRATION-2021	Department of Hospitality & Tourism Management, Faculty of Commerce & Management	Student: 23 Teacher: 20 Non Teaching Staff: 5 University Administration: 5 Invited Guests: 01	27th Sept 2021
7	“Live Workshop on Sweet Dish on the Occasion of Pre-Diwali Celebration”	Department of Hospitality & Tourism Management, Faculty of Commerce and Management	STUDENT: 51 TEACHER: 16 RESEARCH SCHOLARS: 5 NON TEACHNG STAFF: 0 UNIVERSITY ADMINISTRAION: 5 INVITED GUESTS: 01	20th Oct 2021
8	Celebration of Gandhi Jayanti	Committee for Swacchta Action Plan and NSS Unit, Assam down town University	STUDENT: 40 TEACHER: 20 NON TEACHNG STAFF: 20 UNIVERSITY ADMINISTRAION: 4 INVITED GUESTS: 0 RESOURCE PERSON: 0	2nd October, 2021



9	Selection For 50 Assam Air Wing (Fly) NCC	Assam down town University	STUDENT: 48 TEACHER: 02	15th Nov 2021
10	Participation at 50 Assam Air Wing Annual Training Camp	50 Assam Air Wing(Fly)NCC	STUDENT: 15 cadets TEACHER: 1	04.10.2021 to 10.10.2021
11	Participation of 50 Assam Air Wing Cadets at NATIONAL UNITY DAY	Faculty of Engineering and Technology, AdtU	STUDENT:12thcadets (10 SD and 02 SW) TEACHER:02	31st October, 2021,
12	60th National Pharmacy Week 2021	Faculty of Pharmaceutical Science, AdtU	Teachers: All faculty members Students: 500	27th Nov 2021
13	Children's Day Celebration	Outreach Activities Committee, Assam downtown University	STUDENT: 25 TEACHER: 10 NON TEACHNG STAFF: 04	12th November 2021
14	Guwahati Inter Corporate Hit and Run [Soft Ball Cricket tournament]	TV 18	STUDENT: 200 TEACHER: 6 NON TEACHNG STAFF: 0 UNIVERSITY ADMINISTRATION: 0 INVITED GUESTS: 0	19 Dec 2021-20 Dec 2021
15	Downtown Premiere League (DPL)	ADTU Sports Club	STUDENT: 180 TEACHER: 6 NON TEACHNG STAFF: 3 UNIVERSITY ADMINISTRATION: INVITED GUESTS:	20 Dec 2021 to 22 Dec 2021
16	Selection of cadets for 50 Assam Air Wing (Fly) NCC	50 Assam Air Wing (Fly) NCC	STUDENT: 30 TEACHER:1 NON TEACHNG STAFF: UNIVERSITY ADMINISTRAION: INVITED GUESTS:	17th November 2021

17	National Science Day	IIC, Faculty of Science	Invited students from different schools: 74 Student volunteers from Assam downtown University: 30 Faculty Members and staff: 150 Laboratory Instructors: 30 House Keeping and Food and Beverage Staff: 10 Guest Speaker: 01 Total: 300 approx	28/2/2022
18	Webinar on Role of NGO towards Animal Welfare	Programme of Social Work, Faculty of Humanities and Social Sciences, AdtU in collaboration with Humane Society International, Guwahati	STUDENT: 50 TEACHER: 20 NON TEACHNG STAFF: NA UNIVERSITY ADMINISTRAION: NA INVITED GUESTS: 1	28/2/2022
19	NEMCARE Group Premiere League	NEMCARE Group of Institutions	STUDENT: 15 Faculty in charge: 1	03-03-2022
20	Bangladesh Film Festival 2022	Department of Management	STUDENT: 150 TEACHER: 5	03-09-2022
21	Workshop on Holi Geet	Programme of Performing Arts	STUDENT: 30 Page 2 of 4 TEACHER: 2 NON TEACHNG STAFF: 2 UNIVERSITY ADMINISTRATION: 2 INVITED GUESTS: 2	11/3/2022-12/3/2022
22	World Social Work Day	Programme of Social Work	STUDENT: 50 TEACHER: 05 NON TEACHNG STAFF: 1 INVITED GUESTS: 1 COMMUNITY PARTICIPANTS : 58	15/3/2022
23	AdtU vs DTH	ADTU SPORTS CLUB	STAFF:30	20/3/2022
24	Workshop on Kuchipudi Dance	Programme of Performing Arts	STUDENT: 12 TEACHER: 01 NON TEACHNG STAFF: 03 UNIVERSITY ADMINISTRATION: 02 INVITED GUESTS: 01	28/3/2022-1/4/2022
25	Kaushik Baruah Memorial (KBM) Inter College Cricket Tournament Season 9	Girjananda Choudhury Institute of Pharmaceutical Science (GIPS)	STUDENT: 15 Faculty in charge: 1	30/3/2022 to 02/4/2022
26	ADTU FOOTBALL TOURNAMENT	ADTU SPORTS CLUB	STUDENT: 180 TEACHER: 5 NON TEACHNG STAFF: NIL UNIVERSITY ADMINISTRAION: 3 INVITED GUESTS: 2	5/4/2022 to 12/4/2022

27	Food Stall on the occasion of Basanta Utsab by the Students of Hotel Management 6th Semester	Commerce and Management	Student: 10 Guests: 40 Teacher: 6	04-09-2022
28	Uttar Purbanchal Basanta Utshab	AdtU Music Club	100+	04-09-2022
29	3Days Yoga Session in collaboration with Heartfulness Institute	Yoga and Meditation Club	80	20th/4/2022 to 25/4/2022
30	World Intellectual Property Day "IP and Youth: Innovating for a better future	Institutional Innovation Council, Faculty of Humanities and Social Sciences,	STUDENT: 50 TEACHER: 3 NON TEACHNG STAFF:2	26/4/2022
31	World Dance Day			29/4/2022
32	Volleyball Tournament	AdtU Sports Club	STUDENT: 40 TEACHER: 3	5/5/2022 to 12/5/2022
33	Rabindranath Tagore SMARAN	Programme of Performing Arts and AdtU Music and Dance Clubs	STUDENT: 50 TEACHER: 20 NON TEACHNG STAFF: 5 UNIVERSITY ADMINISTRAION: 2 INVITED GUESTS: 1	05-09-2022
34	50 Years of the Film The God Father	Programme of Performing Arts and AdtU Music and Dance Clubs	STUDENT: 20 TEACHER: 2 NON TEACHNG STAFF: 2 UNIVERSITY ADMINISTRATION: 1 INVITED GUESTS: 1	05-09-2022
35	INTERNATIONAL NURSES DAY CELEBRATION	Faculty of Nursing	STUDENT: 350 TEACHER: 40 NON TEACHNG STAFF: 4 INVITED GUESTS: 4	11/5/2022 to 12/5/2022
36	2 days Yoga Practice Session for Students	Yoga and Meditation Club	77	11/5/2022 to 12/5/2022
37	Debate Competition on Social Media is a Curse for today's Youth	Erudite Literary Club	50	28/5/2022
38	3 Day Meditation Session with Heartfulness Campus fpr Teaching Staf, Non Teaching Staff and Students	Yoga and Meditation Club	STUDENT: 70 TEACHER:10 NON TEACHNG STAFF: 05 TOTAL: 85	06/06/2022 to 08/06/2022
39	RABHA SANGEET COMPETITION	AdtU Music Club	60	8/6/2022 to 17/6/2022
40	RABHA DIVAS Celebration	Erudite Literary Club	N/A	20/6/2022
41	World Music Day	AdtU Music Club	STUDENT: 100 approx.	21/6/2022
42	Annual Training Camp	60 Assam Gr's Battalion,NCC	STUDENT: 14 TEACHER: 01	3/7/2022 to 12/7/2022

Sl. No	Name of the event	Organised by	Type of Event	Date
1	Lecture Demonstration on "Dance Movement As A Therapeutic Modality"	Programme of Performing Arts, AdtU Programme of Psychology, AdtU Creative Movement Therapy Association of India (CMTAI)	LECTURE/GUEST LECTURE	04th August 2021
2	National Webinar on Pursuing Dance as A Career	Programme of Performing Arts, AdtU	NATIONAL WEBINAR	05th August 2021
3	International Webinar on Pursuing Acting as a Career	Programme of Performing Arts, AdtU	INTERNATIONAL WEBINAR	12th August 2021
4	Faculty Development Program on Quality Research Paper Writing and Publishing in High Impact Journals	Department of Management and Department of Hospitality and Tourism under the Faculty of Commerce and Management, AdtU	FDP	19th to 25th August, 2021
5	Menstrual Health And Hygiene Session Through Virtual Conference	Dr Pinky Barua Assistant Professor Sociology Program FHSS Assam down town University	WEBINAR	02-11-2021
6	Restructuring happiness amidst Corona effect through IKIGAI- An Indian perspective	Department of Management under the Faculty of Commerce and Management	WEBINAR	22nd May, 2021
7	Growing StartUp ecosystem in north east india and how managers can leverage on this opportunity	Department of Management under the Faculty of Commerce and Management	WEBINAR	12th June, 2021
8	NEP 2020 with reference to HECI	I . Faculty of Commerce and Management, AdtU II . Vidya Bharati Uchha Siksha Sansthan	WEBINAR	16th June 2021
9	AICTE-ISTE sponsored Induction on Research skill development for Management Faculty	Department of Management under the Faculty of Commerce and Management, AdtU	FDP	21st to 28th December 2021
10	webinar on Intellectual Property:Rights, Needs and Awareness for Academia	Internal Quality Assessment Cell (IQAC), Institution Innovation Council, Assam down town University	WEBINAR	01-12-2022
11	Industry Oriented interactive session on <b>Open Secrets</b>	Department of Management under the Faculty of Commerce and Management, AdtU	SEMINAR	01-08-2022
12	Pehchano Apna Desh" Lecture Series- 5	Department of Hospitality & Tourism Management, Faculty of Commerce and Management	LECTURE/GUEST LECTURE	01-06-2022

13	Webinar on Art of Recovering From Failures	AdtU Alumni Association Co-ordination Committee	WEBINAR/ ALUMNI ACTIVITY	29/1/2022
14	Optometry Webinar Series 1 Cognizance series: Enlightening health professionals Topic: Glaucoma	Dept. of Optometry, Faculty of Paramedical Sciences	WEBINAR	02-07-2022
15	Webinar on Career in Beverages	Dept. of Hospitality and Tourism Management, Faculty of Commerce and Management	WEBINAR	02-08-2022
16	Webinar on An overview Palliative Care in Cancer Patient	Faculty of Nursing	WEBINAR	02-11-2022
17	Webinar on Socio Economic Impacts of Pharmaceutical Industry	Faculty of Pharmaceutical Science	WEBINAR	02-11-2022
18	Webinar on Science and Society, Lecture I Topic: Therapeutic potential of ethnic fermented soybean foods of NE India in managing metabolic syndrome and its related health disorders	Faculty of Science	WEBINAR	02-11-2022
19	Webinar on Scope and Opportunity of Pharmacy in Herbal and AYUSH drug standardization	Faculty of Pharmaceutical Science	WEBINAR	02-12-2022
20	Webinar on Optimal Routing in Wireless Networks	Faculty of Eng and Tech	WEBINAR	02-12-2022
21	Webinar on Science and Society, Lecture II Topic: Basic Statistics in day to day life	Dept of CSE	WEBINAR	02-12-2022
22	Webinar on Case based Teaching for Enriching Learnings	Department of Management	WEBINAR	02-12-2022
23	IIC session on "Achieving Problem-Solution fit, Product-Market fit"		WEBINAR	02-12-2022
24	Webinar on Latex Overleaf	Faculty of Eng and Tech	WEBINAR	14/2/2022



25	National webinar on Indian Agriculture&Repeal of Three Farm Laws:Re-imagining Way Ahead		WEBINAR	15/2/2022
26	National webinar on Covid and Mental Health	Dept. of Psychology	WEBINAR	15/2/2022
27	National Webinar on Healthy lifestyle with healthy eating	Dept. of Hospitality and Tourism Management	WEBINAR	15/2/2022
28	Orientation on Ayushman Bharat- Comprehensive Primary Health Care (CPHc) through Health and wellness Centres (HWCs)		WEBINAR	15/2/2022
29	Use of Biofuels in IC Engines	Faculty of Eng and Tech	WEBINAR	18/2/2022
30	Webinar on "Interrogating Rape/Marital Rape: Reading Select Fictional Text"	Programme of English	WEBINAR	21/2/2022
31	National Webinar on Importance of Planned and Safe Motherhood:Reducing Maternal mobility and mortality rates		WEBINAR	22/2/2022
32	National Webinar on Formulating a Research Problem:How to decide what to Research	Programme of Sociology	WEBINAR	23/2/2022
33	Webinar on Anaemia in children and its management and prevention		WEBINAR	24/2/2022
34	National webinar on Science and Society, Lecture III Topic: Dctor Plant has Become Patient(Die-Back of Neem)		WEBINAR	25/2/2022
35	Webinar on Green Extraction- Scope and Opportunities		WEBINAR	25/2/2022
36	Webinar on Satellite derived rainfall and its Precipitation	Programme og Civil Engineering	WEBINAR	25/2/2022

Continued...

37	Webinar on Hybrid nano-carriers for potential delivery of drugs		WEBINAR	26/2/2022
38	Webinar on Optometry can be a lucrative career	Dept. of Optometry	WEBINAR	26/2/2022
39	Webinar on Roadmap to study abroad		WEBINAR	26/2/2022
40	National Webinar (Science and Society:Lecture IV) Topic: The world of microRNAs	Dept. of Biotechnology	WEBINAR	26/2/2022
41	Webinar on Quality Assurance in Fluroscopy	Programme of Radiology	WEBINAR	27/2/2022
42	Session on Technology Readiness Level (TRL), Commercialisation of Lab, Technologies & Techological Transfer	Faculty of Eng and Tech, IIC	WEBINAR	28/2/2022
43	Webinar on Basics of Binocular Vision	Dept. of Optometry	WEBINAR	03-01-2022
44	Webinar on Protection in Radiology	Dept. of Radiology	WEBINAR	03-02-2022
45	Webinar on 'Written Lives: Exploring Women's Writing'	Programme of English	WEBINAR	4th/3/2022
46	#6 Lecture of Pehchano Apna Desh Lecture Series	Dept of Hospitality and Tourism Management	GUEST LECTURE	03-10-2022
47	Webinar on Importance of Blood Donation		WEBINAR	03-11-2022
48	Webinar on SWAYAM MOOCs: A Platform for Upgradation of Knowledge and Skill		WEBINAR	03-11-2022
50	Webinar on Scope of Waste Cooking Oil (WCO) as alternative fuel and its application in CI Engine		WEBINAR	03-12-2022
51	Webinar on Alternative approaches to establish In-vitro and In-vivo corelation		WEBINAR	03-12-2022
52	Webinar on Laboratory Safety	Programme of MLT	WEBINAR	03-12-2022
53	Webinar on Infrastructure Virtualization using VMWARE product		WEBINAR	14/3/2022

54	National Webinar on Science and Society, Lecture V Topic: Entrepreneurial Botany		WEBINAR	15/3/2022
55	Pravadhan Pragya A management Lecture Series, Lecture Series #01 Importance of accounts and Audit in Business Organisation	Dept. of Management	LECTURE/GUEST LECTURE	16/3/2022
56	Webinar on Understanding queer issues and creating safe queer spaces	Programme of Sociology	WEBINAR	16/3/2022
57	Webinar on Legal Procedure involved in New Venture Creation		WEBINAR	17/3/2022
58	Webinar on Importance of packaging material in post harvest technology and value addition	Department of Food, Nutrition and Dietetics	WEBINAR	21/3/2020
59	National Webinar on Science and Society, Lecture VII Topic: Understanding the microbial ecology of traditional fermented foods and human gut microbiota-a paradigm shift in our approach	Prgramme of Microbiology	WEBINAR	22/3/2022
60	Webinar on Health, Happiness and Harmony: Outcome of Hospitality and Tourism Management	Dept. of Hospitality and Tourism Management	WEBINAR	24/3/2022
61	Webinar on Optimization of Pharmaceutical dosage forms using design of experiment		WEBINAR	25/3/2022
62	Webinar on Publish or Pershing: The current scenario affecting Indian academia		WEBINAR	26/3/2022
63	Webinar on Application areas of Data Mining	Programme of CSE	WEBINAR	26/03/2022
64	Webinar on "Concrete used in Modern Construction Technology"	Programme of Civil Engineering	WEBINAR	29/3/2022
65	Webinar on Importance of Academic Degree of Performing Arts	Programme of Performing Arts	WEBINAR	29/3/2022
66	Webinar on Learn Powerful Principles to achieve your Finance Goals Build your wealth "Wealth Awareness Program"	I . Advisor's Organization II . AMFI III. SEBI	WEBINAR	29/3/2022
67	Chancellor's Lecture Series TOPIC: Nursing Profession in the United States: Educational Process and Current Challenges		LECTURE/GUEST LECTURE	04-09-2022
68	Science Promotion Lecture Series Topic: Interaction between micro and macro organisms is in-built in the system		LECTURE/GUEST LECTURE	26/4/2022

69	Chancellor's Lecture Series #14 Topic: Application of Traditional Knowledge in Search of Potential Leads for Drug Discovery		LECTURE SERIES	30/4/2022
70	PRABANDHAN PRAGYA A Management Lecture Series On the Theme "Leadership : Shifting Dimensions in the 21st Century	Faculty of Commerce and Management	LECTURE SERIES	30/4/2022
71	Sensitization and experimental learning on Mushroom Spawn production	Faculty of Science	WEBINAR	30/4/2022
72	Webinar on Overview of Intellectual Property Rights	IIC and AdtU	WEBINAR	05-04-2022
73	Webinar on Cardio Respiratory Testing for Athletes		WEBINAR	14/5/2022
74	TWO DAY VIRTUAL INTERNATIONAL CONFERENCE ON "PROTECTING CHILDREN FROM MULTIPLE VULNERABILITIES: SOCIAL WORK RESPONSES FROM COMMUNITY TO GLOBAL CONTEXT"	Programme Of Social Work, Faculty of Humanities and Social Sciences, Assam Down Town University, Panikhaiti, Guwahati, in Collaboration With the Department Of Social Work, Assam University (Central), Silchar, Assam	CONFERENCE	17/5/2022 to 18/5/2022
75	7TH Lecture of Pehchano Apna Desh Lecture Series	Dept. of Hospitality and Tourism Management	LECTURE SERIES	06-06-2022
76	Chancellor's Lecture Series #15 Topic: Indigenously developed Carbon Quantum Dots in India: A technological outcome under Atmanirbhar Bharat		LECTURE SERIES	25/6/2022
77	6days FDP Paradigm Shift in Pharmaceutical Education and Research in Post Pandemic Era	Faculty of Pharmaceutical Sciences	FDP	18/7/2022 to 23/7/2022
78	Chancellor's Lecture Series #16 Topic: IP Protection is Key For Academic Excellence		LECTURE SERIES	23/7/2022
79	Faculty Development Programme Theme: Emerging Trends, Technologies, Education and Reseach in the Health Care Industry	Faculty of Paramedical sciences	FDP	25/7/2022 to 30/7/2022
80	Faculty Development Programme Theme: Recent Trends of Research in Engineering and Technology	Faculty of Engineering & Technology	FDP	25/7/2022 to 29/7/2022
81	7 Days Virtual Faculty Development Programme on Artificial Intelligence and Bioinformatics for Human Welfare	Faculty of Science	FDP	29/7/2022 to 5/8/2022
82	5th Regional Conference Theme: Transition in Nursing Practice: Novice to Expert	Faculty of Nursing	CONFERENCE	30/7/2022

<b>SL. No.</b>	<b>TYPE OF ACTIVITY</b>	<b>DATE OF ACTIVITY</b>
1	WEBINAR	24.07.2021
2	WEBINAR	13.12.2021
3	WEBINAR	29.01.2022
4	ALUMNI MEET- GUWAHATI	26.03.2022



The paradigm of wisdom and understanding the world from a global perspective, including fields such as culture, community, heritage, and science, is possible when an environment of brotherhoods exists in learning temples. The philosophy of equity, inclusiveness, and openness in a University is, therefore, an interim requirement. Assam down town University was founded on the principles of openness, equity, and inclusiveness. This principle enabled the inclusion of a diverse group of students from the North East (NE) region of India and abroad. Presently, it is accommodating students from many states of India and countries such as, Bhutan, Bangladesh, and Nepal. The University also provides admission to meritorious students with poor economic status with a complete fee waiver. The admission of students and appointment of teachers are held with no discrimination based on caste, creed, and gender, creating a brotherhood environment. Therefore, learning at Assam down town University provides the opportunity for stakeholders to widen their horizons of knowledge from a global perspective. In other words, it is the place for developing global citizens.

Many students from poor economic backgrounds and females pursuing degrees exemplify the University's openness, equity, and inclusiveness philosophy. The Assam down town University created such an environment, framed specific rules and regulations, and club infrastructures such as cultural, art, and sports clubs, the social platforms for exchanging cultural and behavioral regimes. The philosophy does not restrict students; faculty members, officers, and other staff are also under the perimeter. It is committed to safeguarding the interests of the students and staff members without any prejudice against their caste, creed, religion, language, ethnicity, gender, and disability.

"Equity" shall mean equal opportunity for all students and employees in respect of any opportunity and entitlement, ensuring inclusivity for the enjoyment of all legitimate rights. The University critically assesses itself through internal and external, academic, and administrative audits and is open for an ascending development.

The activities performed during the academic year reinforcing the philosophy of openness, equity, and inclusiveness.

### **Awareness of Equality and Value System in the University**

The University organizes regular events for raising public awareness on the importance of equality and value-based education amongst students and staff to ensure overcoming any form of caste-based discrimination and harassment against students/employees/ applicants belonging to the marginalized sections, including SC/ST students/employees/ applicants of the society. It is committed to strict implementation of all the constitutional provisions and protective measures in respect of students/employees/ applicants belonging to SC/ST categories.

### **Principles of Equity and Inclusion in Teaching**

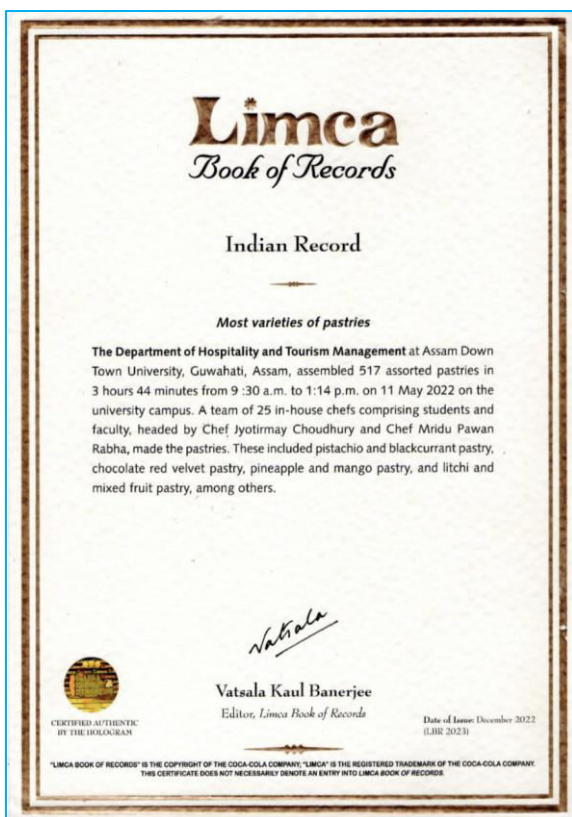
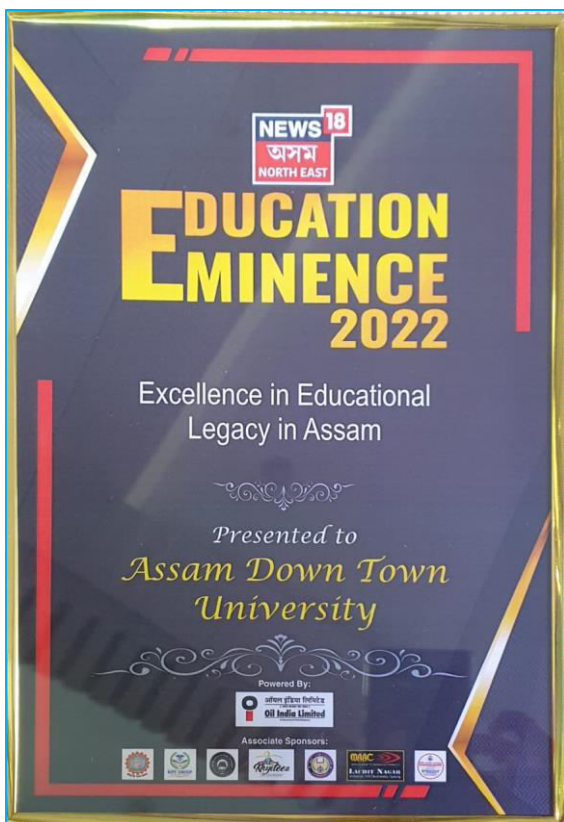
The goal of equitable teaching is to provide needs-based support to ensure equitable learning opportunities. The objective of an inclusive classroom is for all students to be valued in the classroom for their diverse abilities, experiences, and perspectives. This is accomplished through methods, strategies, and materials that are not only diverse (related to race, ethnicity, gender, sexual orientation, culture, religion, mental and physical ability, and socio-economic status) but also accessible (limiting barriers of access to all students). In an equitable and inclusive classroom, every student has equal access to learning and feels valued and supported by their instructor and peers. These learning environments emphasize the importance of cultural awareness and value all social identities.

### **Scholarship Schemes**

Besides the Government sponsored scholarship programs for different categories of students and students belonging to different categories of society, AdtU offers merit based scholarship named CST. Every year, before admission, a common scholarship test is conducted for the students that will take admission in the University. On the basis of ranked secured, students are offered scholarship that helps them to waive their fee. Other than this, University also offer scholarship to students who secure the highest marks in the class every semester. Through this scholarship, the students avail fee education for that particular semester. This is a very good initiative taken by the Management.

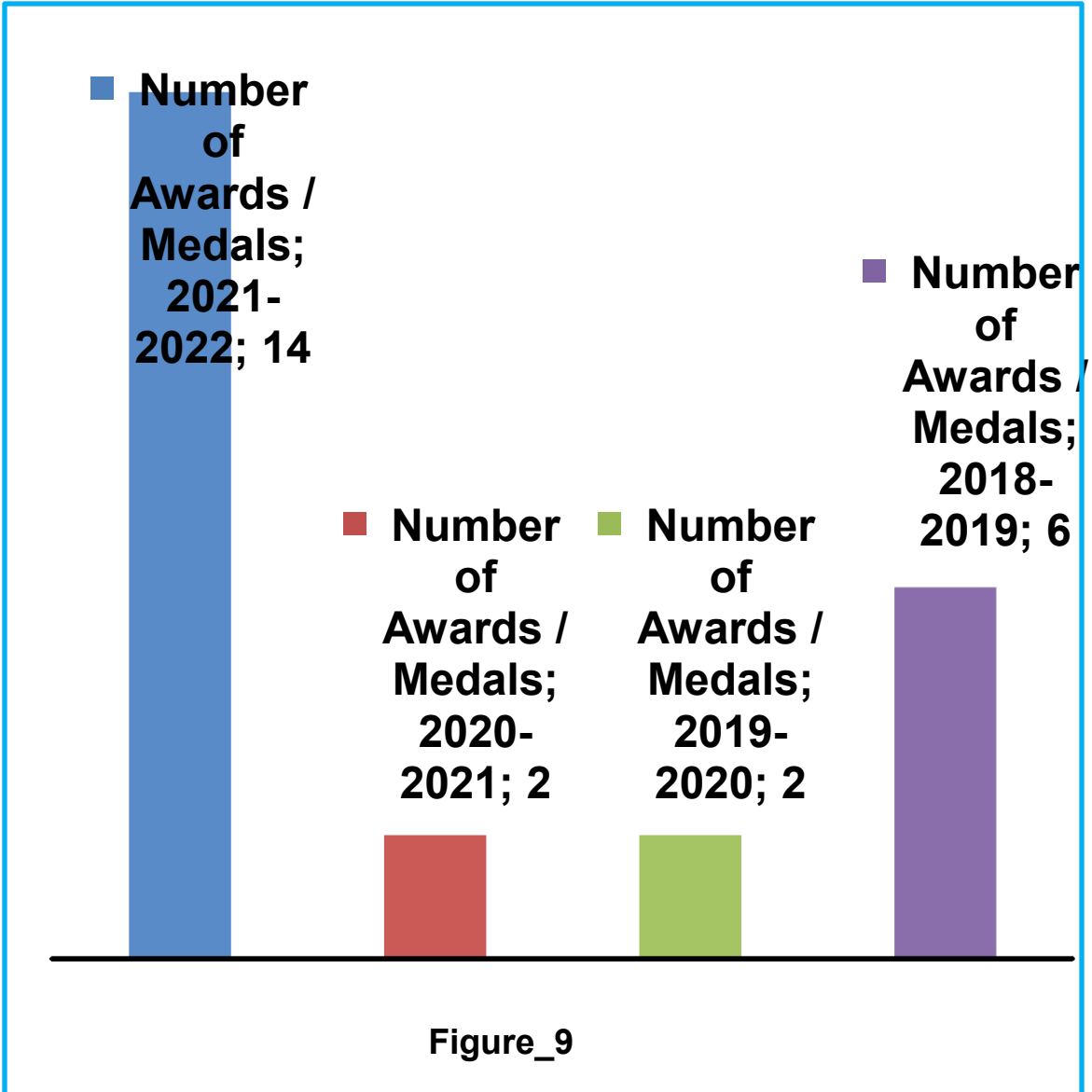
Excellence in Education Legacy by News18 Network
Certificate of Institution's Innovation Council (IIC)
Certificate of Appreciation by National IP Awareness Mission (NIPAM)
Association of Indian University (AIU) membership
Best Private University in North East for Industry Interface 2022 by Centre for Education Growth and Research (CEGR)
12B Status by University Grants Commission (UGC)
Renewal of ISO 9001:2015 QMS Certificate







**ACCOLADE RECEIVED BY FACULTIES**





Title of the Practice: down town Venture Labs (dtVL)

Objectives of the Practice: The objectives of dtVL are:

1. Work towards fostering the culture of innovation
2. Support technology and non-technology driven ventures from ideation to investment.
3. Connect Startups and Investors in order to breach the gap between them.
4. Create jobs by incubating potential Startups and helping good commercial ventures.

The Context: AdtU understands the critical need of building an internal ecosystem for innovation and entrepreneurship and shaping it through convergence of faculties and students in exchanging ideas thereby creating scalable Startups from the university.

The Practice: dtVL has undertaken several programmes to develop entrepreneurial ecosystem by providing pre incubation and incubation support from the ideation stage.

Evidence of Success: Institution Innovation Council (IIC), AdtU and dtVL have organised several workshops, events and seminars. dtVL incubated Startups have been able to grow and raise funds from Venture Capitalists and other incubators.

Problems encountered and Resources Required: Financial literacy and inadequate access to funding remain the biggest challenge for entrepreneurs to start and scale their businesses. In terms of education, the academicians have to adapt to changing dynamics and incorporate domains which shape entrepreneurial mindset among students.

