



# Skill-Pulse

## Newsletter of Assam Skill University

Volume 1, Issue 2: July 2025



### Message from the Vice Chancellor



I am delighted to know that the second issue of Skill Pulse is ready for release. Assam Skill University is embarking on its first regular academic session from 1st August 2025, offering nine skill-based courses to nearly 250 students. This is a proud and historic moment for all of us. I extend my best wishes to the dedicated faculty members and administrative staff. Skill Pulse will serve as an enduring chronicle of the University's milestones, progress, and aspirations for many years to come.

-**Shri Subhash Chandra Das, IAS (Retd.), Vice Chancellor**

### Message from the Registrar



The newsletter 'Skill Pulse' of Assam Skill University (ASU) acts as the heartbeat of the University's skill development initiatives. I am pleased to learn that, following the successful publication of the first edition (Volume I, Issue I), the second edition is now set for release—

aiming to reach a broader audience. This edition promises to showcase the University's latest developmental activities, notable achievements, and current updates, while also covering highlights of the upcoming academic session 2025–26 in a concise and engaging format.

-**Md. Hanif Noorani, ACS  
Registrar**

### Message from the Academic Head



A warm welcome to all newly joined faculty and non-teaching staff at Assam Skill University. Your presence adds great strength to our mission of delivering quality, skill-based, and inclusive education aimed at shaping future-ready professionals.

Faculty members bring academic excellence and mentorship, while non-teaching staff ensure efficient institutional support. Together, you form the backbone of ASU's progress. We are confident that your contributions will greatly enrich our university community. We look forward to your active involvement in shaping a brighter future at ASU.

-**Prof. (Dr.) Manoj Kumar Deka,  
Academic Head**

অসম দক্ষতা বিশ্ববিদ্যালয়  ASSAM SKILL UNIVERSITY





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### FROM THE EDITOR'S DESK

*It gives me great pleasure to present the second issue of Skill-Pulse, the newsletter of Assam Skill University. This edition highlights some of the key activities and achievements of our university, including academic events, exposure visits, student and faculty achievements, new collaborations that took place during the period of 15<sup>th</sup> February, 2025 to 30<sup>th</sup> June, 2025. It reflects the hard work and dedication of our faculty, staff, and students in building a strong foundation for skill-based education.*

*I thank everyone who contributed to this issue. I hope readers will enjoy going through the updates and feel proud of how far ASU has come. Let's continue to grow and learn together.*



- **Dr. Bibhuti Bhushan Bhardwaj**  
Editor



## EVENTS

### One week Faculty Development Program on Advancing Careers Through Technology, Management, and Skill-Based Learning

3<sup>rd</sup> -7<sup>th</sup> February, 2025

Assam Skill University organized a week-long faculty development programme (FDP) on “Advancing Careers Through Technology, Management, and Skill-Based Learning.” The inaugural session of the programme was attended by Prof. Debabrata Das, advisor (Higher Education) to the Government of Assam. The FDP featured insightful lectures by resource persons from ASU and other institutions, covering topics such as NEP, skill-based curriculum design, mentoring, teaching pedagogy, AI, design thinking, and outcome-based education. The programme aimed to provide valuable insights into career advancement through skill development and technology integration. The sessions were designed to equip faculty members with the knowledge and skills necessary to stay abreast of the latest developments in their fields.





## PARTICIPATION BY ASU IN OUTSIDE EVENTS

### Advantage Assam 2.0

25<sup>th</sup>-26<sup>th</sup> February, 2025

Assam Skill University (ASU) actively participated in Advantage Assam 2.0, held from February 25 to March 1, 2025, showcasing its commitment to transforming skill development and higher education in the state. Representing the Government of Assam, ASU set up an engaging stall at the Assam Pavilion that attracted over 1,500 visitors, including dignitaries such as the Hon'ble Prime Minister of India and the Chief Minister of Assam. The university highlighted its academic programs, industry-integrated initiatives, and future expansion plans. A significant milestone was the signing of an MoU with the Institute of Technical Education, Singapore, aimed at advancing Technical and Vocational Education and Training (TVET) in Assam. The ASU team received over 150 written feedback entries from visitors, reflecting the strong interest and support for the university's vision. The event provided ASU with a valuable platform to forge national and international partnerships for inclusive and sustainable development.





## EVENTS

### Training Session on Prevention of Sexual Harassment (POSH) Policy

29<sup>th</sup> February, 2025

A half-day training program on Prevention of Sexual Harassment (POSH) Policy and the roles and responsibilities of the internal committee was conducted in the interim campus of ASU. The session aimed to enhance the understanding of the policy and promote a safe, inclusive, and respectful workplace. Mrs. Anurita Pathak Hazarika, Executive Director and State Coordinator of North-East Network, also an esteemed external member of the POSH committee, led the session. With her expertise and experience, she guided the faculty and staff of ASU through the key aspects of the POSH policy by tailoring it to the specific nature of work within ASU.



### One-week orientation program for the newly joined faculty members

7<sup>th</sup>-11<sup>th</sup> April, 2025

ASU) successfully conducted a five-day orientation programme for its newly appointed academic and technical staff. The programme was organized to familiarize the new faculty members — including 1 Professor, 3 Associate Professors, 20 Assistant Professors, 7 Senior Instructors, and 5 Junior Instructors — with the university's policies, academic practices, and pedagogical framework. The orientation sessions covered key topics such as ASU's institutional rules and regulations, skill-based and outcome-based education models, and approaches to teaching and mentoring aligned with the objectives of the National Education Policy (NEP). **Contd. to next page**





## EVENTS

**Cont. from last page.....** The inaugural session of the programme, held on the first day, was graced by the Honourable Vice-Chancellor and the Registrar of ASU, who welcomed the new members and emphasized their vital role in shaping the university's future. Prominent academicians including Prof. Debabrata Das, Advisor (Higher Education) to the Government of Assam, and Dr. Samir Sarkar, Assistant Professor at Gauhati University, were invited as external speakers. In addition, senior faculty members from ASU — Prof. (Dr.) Manoj Kumar Deka (Academic Head), Prof. (Dr.) Anil Borah, and Prof. (Dr.) Chandana Goswami — led several insightful sessions during the programme. On the concluding day, the participants were taken to the under-construction permanent campus of ASU at Mangaldai, giving them a first-hand view of the university's upcoming infrastructure and long-term vision.



## Inter-Institutional Quiz Competition on Culture and Heritage of NE- India

30<sup>th</sup> April, 2025

The Department of Tourism organized an inter-institutional quiz competition focused on the culture and heritage of North-East India. The event witnessed enthusiastic participation from 42 students across 10 academic institutions. Quiz Master, Himangshu Sharma, Asst. Prof., Department of Retail Management, Sonapur College and our invited speaker, Bidyut J. Das from Clubside Tours and Travels Pvt Ltd were honoured at the end.





## EVENTS

### Interactive Workshop on Skill-based Education

2<sup>nd</sup> May, 2025

The Department of Tourism organized an interactive workshop on skill-based education, drawing participation from 30 teachers representing 15 academic institutions. The workshop aimed to promote the integration of skill-based learning into academic frameworks and foster collaboration between educational institutions and the tourism sector. Participants engaged in discussions on curriculum enhancement, hands-on training, and industry-academia linkages.



### Mock Group Discussion and Personal Interview for MBA aspirants

6<sup>th</sup> May, 2025 and 5<sup>th</sup> June, 2025

The Department of Applied Management, Assam Skill University (ASU), successfully organized two one-day training sessions on “Mock Group Discussion and Personal Interview (GD-PI)” for MBA aspirants at its Interim Campus located at ITI Guwahati Complex. Both the events were aimed at preparing candidates for national-level MBA entrance interview rounds by providing hands-on training in group discussions and personal interviews. A total of 8 and 11 aspirants attended the sessions on 6<sup>th</sup> May and 5<sup>th</sup> June respectively, gaining valuable insights into real-world interview dynamics, communication strategies, and confidence-building techniques. The program was open to students who have appeared or are appearing for national-level management entrance exams like MAT, CMAT, CAT, XAT, ATMA, GMAT, SNAP, NMAT, IIFT, and others.





## EVENTS

### One-week Faculty Development Program on Advanced Computing with MATLAB, SOLIDWORKS and Python

27<sup>th</sup>-31<sup>st</sup> May, 2025

The Department of Electronics & Electrical Engineering, Assam Skill University, in collaboration with MathWorks and ELMAX Systems & Solutions, successfully conducted a 5-Day Faculty Development Program on Advanced Computing with MATLAB, SOLIDWORKS & Python from 27-31 May 2025. The FDP was attended by 36 faculty members in hybrid mode from reputed institutions including Assam Don Bosco University, Assam down town University, Cotton University, Gauhati University, ITI Guwahati, and ASU. The Inaugural Session was graced by: Dr. Manoj Kumar Deka (Academic Head, ASU), Prof. Anwar Hussain (HoD, Electronics, ASU), Prof. Anil Borah (HoD, Mechanical, ASU), Prof. Mohesh Uniyal (HoD, Tourism, ASU), Mr. Prasun Banerjee (MathWorks Pvt. Ltd.), Mr. Mihir Karmakar, Mr. Pickon Majumdar, Mr. Sukumar Sahu (ELMAX Systems & Solutions). The program featured expert-led sessions, hands-on training, and panel discussions focusing on advanced computing tools and interdisciplinary research applications.





## EVENTS

### Regional Tourism Industry Meet – MANTHAN

16<sup>th</sup> June, 2025

The Department of Tourism, Assam Skill University (ASU), successfully organised the “Regional Tourism Industry Meet – MANTHAN” on 16th June 2025. The primary objective of the meet was to bring together key stakeholders from the tourism industry to deliberate on curriculum development, short-term skill-based training, and emerging employment opportunities within the tourism sector, with a special focus on Northeast India.

The event was graced by senior university officials and faculty members of the Department of Tourism. A total of 11 industry experts participated in the discussion, representing prominent organizations.



### “Udyami Bharat – Badalta Bharat” on the eve of MSME Day

27<sup>th</sup> June, 2025

Assam Skill University successfully co-hosted a session on “Startup and Entrepreneurship – from Idea to Execution” on the occasion of MSME Day 2025, in collaboration with 50 Assam Air Squadron NCC, HQ Guwahati, under the banner of "Udyami Bharat – Badalta Bharat". The sessions were conducted by Dr. Dr. Deep Jyoti Gurung, Assistant Professor, Department of Applied Management and Dr. Shubhajit Das, PhD, Assistant Professor, Department of Mechanical, ASU. The session was honoured by the esteemed presence and leadership of Wing Commander H. Upadhyaya, Commanding Officer, along with Warrant Officer R. K. Shukla, Junior Warrant Officer S. N. Jadhav, Corporal Sahdev, and Corporal Shiv Ratan, whose insights and motivation added immense value to the proceedings.





## EVENTS

### Two-day workshop by Skillsoft

18<sup>th</sup>-19<sup>th</sup> June, 2025

Assam Skill University (ASU) successfully organised a two-day workshop in collaboration with Skill-Soft on imparting soft skills to students and designing soft skills-related course syllabi. Held at the ASU Interim Campus, the workshop aimed to equip faculty members with the necessary pedagogical tools and frameworks to integrate soft skills training into the academic curriculum.



### Five-day Faculty Development Program by CS-03

9<sup>th</sup> -13<sup>th</sup> June, 2025



Consultancy Service (CS)-03 organised an intensive week-long Faculty Development Program (FDP) from 9<sup>th</sup> to 13<sup>th</sup> June 2025, aimed at enhancing teaching excellence, leadership, research capabilities, and industry engagement among faculty members of ASU. The FDP featured eminent experts including Prof. Joy Sen, Prof. Arkopal K. Goswami, Prof. K.B.L. Srivastava, Prof. Uday Shankar, Prof. Bhargab Maitra, and Prof. M.K. Rao from IIT Kharagpur. Key sessions focused on coaching and mentoring, student-centred learning, blended teaching, curriculum design, effective communication, entrepreneurship in academia, ethical practices, diversity and inclusion, and collaborative research with industry. Faculty also gained insights into academic writing and grant proposal preparation, experiential learning, and reflective practices for continuous improvement. The program was designed to align with modern pedagogical demands and equip educators with tools for holistic academic development. It provided a platform for dialogue, knowledge sharing, and the development of actionable strategies to strengthen ASU's academic ecosystem.



## CELEBRATIONS

### World Environment Day

5<sup>th</sup> June, 2025

ASU celebrated *World Environment Day* with great enthusiasm to promote environmental awareness and sustainability among its campus community. The event featured a tree plantation drive. Faculty members, staff, and students actively participated in the initiative, reaffirming their commitment to environmental conservation.



### Rabha Divas

20<sup>th</sup> June, 2025

Assam Skill University (ASU) observed *Rabha Divas* to commemorate the birth anniversary of the legendary cultural icon Bishnu Prasad Rabha, fondly remembered as *Kalaguru*. As a mark of respect, a ceremonial diya was lit in front of his photograph. The Academic Head of ASU, Prof. (Dr.) Manoj Kumar Deka, spoke on the occasion, highlighting the rich legacy of Bishnu Prasad Rabha and his unparalleled contributions to the cultural and socio-political fabric of Assam. To pay further tribute, a soulful Rabha song was played, reflecting the essence of his artistic brilliance.

### International Yoga Day

21<sup>st</sup> June, 2025

ASU celebrated *International Yoga Day* by practicing various yoga asanas in a group. The yoga practice session was conducted in the Data Science Laboratory. Honourable Vice Chancellor, along with the faculty members and staff of the university, participated enthusiastically in the event. The session was led by Shri Ajit Sarma, a Freelance Yoga Instructor





## VISITS AT ASU INTERIM CAMPUS

### Visit by Honourable Vice Chancellor of Young India Skills University

10<sup>th</sup> February, 2025

The Honourable Vice-Chancellor of Young India Skills University, Telangana Mr. V.L.V.S.S. Subba Rao (Retd. IES), visited the Interim Campus of Assam Skill University on 10th February. During his visit, he engaged in a meaningful interaction with the Honourable Vice-Chancellor of Assam Skill University, Shri Subhash Chandra Das (Retd. IAS), as well as with the faculty members and staff of ASU.



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Guwahati, Assam, India  
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781001, India  
Lat 26.165543° Long 91.744717°  
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### Visit by Honourable Vice Chancellor of Birangana Sati Sadhani Rajyik Vishwavidyalaya

4<sup>th</sup> April, 2025



The Honourable Vice-Chancellor of Birangana Sati Sadhani Rajyik Vishwavidyalaya, Golaghat, Prof. G Singaiah, visited the Interim Campus of Assam Skill University on 10th February. During his visit, he engaged in an interaction with the faculty members and staff of ASU.

### Visit by officials from the Asian Development Bank

21<sup>st</sup> May, 2025

Officials from the Asian Development Bank (ADB) responsible for the Assam Skill University Project visited the interim campus of ASU on June 12, 2024. Two ADB representatives—Mr. Praveen Manikpuri, Senior Project Officer for Skills Development and Ms. Pallavi Kashyap, Senior Project Assistant in the Human and Social Development Sector Group made the visit. They toured the infrastructure facilities of the interim campus and addressed the entire academic team of ASU.





## VISITS BY ASU FACULTY MEMBERS

### Exposure Visits

5<sup>th</sup>- 10<sup>th</sup> May, 2025

In early May 2025, Assam Skill University (ASU) dispatched seven faculty teams on simultaneous exposure visits to leading skill institutions and industries across India. From tourism and hospitality to engineering disciplines, each group pursued tailored objectives to bridge academic programs with industry needs. Over five days (May 5-10, 2025), the delegations engaged with universities, training centers, and companies to explore best practices, discuss curriculum alignment, and foster partnerships. These visits aimed to enrich faculty expertise, strengthen industry-academia linkages, and enhance the quality of skill education and student employability at ASU.

#### Group 1 – Tourism:

A four-member delegation from the Tourism department visited tourism and hospitality hubs in Gujarat and Delhi NCR. The team engaged with premier institutes and industry leaders – from the Institute of Hotel Management, Ahmedabad and Kaushalya Skill University (Gandhinagar) to travel agencies and the Tourism & Hospitality Skill Council in New Delhi. Discussions focused on aligning academic programs with evolving industry needs, introducing specialized tourism courses and technology integration, and expanding student internship opportunities. The visit yielded plans for collaborative curriculum design, industry-led workshops, and stronger networks to boost graduates' employability in tourism, reinforcing their grasp of industry best practices.





## VISITS BY ASU FACULTY MEMBERS

### Exposure Visits

5<sup>th</sup>- 10<sup>th</sup> May, 2025

#### Group 2 – Mechanical:

A seven-member faculty team from the Mechanical Engineering department undertook an exposure visit in Bengaluru, Karnataka. They visited skill institutes and key manufacturing centers, including the Government Tool Room & Training Centre (GTTC) and training centers run by global automotive manufacturers. The objective was to learn about modern training methodologies and explore extended in-plant training models. In meetings with industry experts, the team discussed curriculum enhancements such as longer student internships, on-campus production labs, and partnerships for upskilling programs. The visit paved the way for potential MoUs, new internship pipelines, and curriculum updates aligned with modern manufacturing practices.



Bengaluru, Karnataka, India  
A/69/a, Industrial Estate, Rajajinagar, Bengaluru, Karnataka 560010, India  
Lat 12.979588° Long 77.549871°  
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Bengaluru, Karnataka, India  
Shed No 1 & 2, Survey No 26 & 27, Plot No 1 A, Phase II, Systems Campus, Phase -1, Peenya, Bengaluru, Karnataka 560058, India  
Lat 13.035039° Long 77.517061°  
06/05/2025 10:26 AM GMT +05:30



Bengaluru, Karnataka, India  
National Skill Training Institute National Skill Institute, Outer Ring Rd, Raja Industrial Estate, Yeswanthpur, Bengaluru, Karnataka 560022, India  
Lat 13.024691° Long 77.533348°  
05/05/2025 02:44 PM GMT +05:30



Bengaluru, Karnataka, India  
87, Wipro Ave, India Nagar, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India  
Lat 12.839386° Long 77.659915°  
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#### Group 3 – Information Technology (Team A)

ASU's Information Technology Team A (four faculty members) visited key technology and innovation centers in Karnataka, covering Bengaluru and Mysuru. The itinerary included NSTI Bengaluru, CDAC Bengaluru, SJCE-STEP, and CSIR-CFTRI in Mysuru. The team's objective was to learn about new IT training methods, advanced computing infrastructure, and academic-industry project collaboration. They discussed integrating advanced laboratories (e.g., supercomputing and AR/VR) into the curriculum and promoting sustainable tech solutions. The visit yielded insights into national skill development initiatives, potential research collaborations, and fresh ideas to enrich practical, industry-aligned content in ASU's IT programs.



## VISITS BY ASU FACULTY MEMBERS

### Exposure Visits

5<sup>th</sup>- 10<sup>th</sup> May, 2025

#### Group 3 – Food Technology:

A four-member team from ASU's Food Technology department visited premier institutes and research facilities in Karnataka, including the renowned CSIR-Central Food Technological Research Institute (CFTRI), Mysuru. The visit aimed at understanding innovative trends and technologies in food processing, packaging, and quality management. Discussions emphasized collaboration for curriculum enhancement, research partnerships, and student internships. Faculty members explored advanced food laboratories, pilot plants, and interacted with industry experts regarding emerging industry demands, particularly focusing on food safety and novel processing techniques. The exposure provided valuable insights, laying groundwork for integrating cutting-edge technologies and practical industry experiences into the food technology curriculum at ASU.



#### Group 4 – Electronics:

A seven-member delegation from the Electronics department undertook an exposure visit across Gujarat and Madhya Pradesh to benchmark best practices in electronics training. In Gujarat, they toured TATA Indian Institute of Skills (Ahmedabad), Kaushalya Skill University and NAMTEC at IIT Gandhinagar, then traveled to Madhya Pradesh to visit Bhopal's Global Skill Park. The team discussed establishing student exchange programs, co-designing industry-aligned courses, developing modern lab facilities at ASU, and also leveraging industry ties for internships and hackathons. They returned with plans to formalize collaborations, upgrade training equipment, and integrate new skill modules into the electronics curriculum.



## VISITS BY ASU FACULTY MEMBERS

### Exposure Visits

5<sup>th</sup>- 10<sup>th</sup> May, 2025

#### Group 5 – Information Technology (Team B)

ASU's Information Technology Team B (six members) traveled to Maharashtra, visiting leading tech training centers in Pune and Mumbai, including CDAC Pune, Maharashtra State Skill University, and NSTI Mumbai. The visit aimed to explore advanced IT training programs, establish research partnerships in cybersecurity and AI, and observe advanced labs for AR/VR and supercomputing. The team discussed launching joint short-term courses, faculty development programs and student bootcamps. The visit yielded an invitation for ASU to host an AR/VR bootcamp, interest in co-establishing specialized labs, and stronger ties for student internships and project collaborations in emerging technologies.



#### Group 6 – Civil:

A seven-member ASU Civil Engineering team visited the Indian Institute of Infrastructure and Construction (IIIC) in Kerala, where they attended workshops on Building Information Modelling (BIM), construction management, and equipment simulation training. They also toured an innovative bridge site in flood-prone Alappuzha to observe modern engineering solutions. The visit aimed to learn best practices in construction training and explore collaboration opportunities. The team discussed integrating simulation-based learning, industry case studies, and joint training modules into the curriculum. The visit yielded insights into advanced construction technologies, potential training partnerships with IIIC, and strategies to enhance hands-on learning.



## VISITS BY ASU FACULTY MEMBERS

### Exposure Visits

#### Group 7 – Electrical (5<sup>th</sup> - 10<sup>th</sup> May, 2025)

A three-member Electrical Engineering team visited Gujarat to study EV and renewable energy training. In Gandhinagar, they visited the International Automobile Centre of Excellence (iACE) to examine EV training labs and Industry 4.0 facilities. They next toured Adani Green Energy's facility in Mundra to witness large-scale renewable energy operations. The team discussed EV curriculum development, student internships in the EV sector, and adoption of automation practices. The visit resulted in plans to incorporate iACE's EV training content into the curriculum, joint courses and faculty development in automation, and a broader perspective on sustainable energy systems.



#### Group 8 – Applied Management (25<sup>th</sup> -31<sup>st</sup> May):

Faculty members from the Department of Applied Management, Assam Skill University, undertook an industry exposure visit to the National Institute of Securities Market (NISM), Patalganga, and Christ University, Lavasa. At NISM, expert sessions covered behavioral finance, derivatives, goal-based investing, PMS, and AIFs. A simulation lab session provided hands-on trading experience and insights into CLOB, price-time priority, and co-location services. Faculty were also recommended books and documentaries to deepen market understanding. At Christ University, discussions highlighted data-driven MBA programs emphasizing business, finance, and HR analytics, with tools like R, Python, Tableau, and Power BI. Opportunities for student exchange and collaborative teaching were also explored. The visit significantly enhanced academic perspectives and industry alignment.





## VISITS BY ASU FACULTY MEMBERS

### Exposure Visits

#### Group 9 – Library & IT staff (7<sup>th</sup> - 8<sup>th</sup> May, 2025)

A team from Assam Skill University (ASU), comprising the Program cum System Analyst, Assistant Librarian, and Officer on Special Duty (Industry Collaboration), undertook an exposure visit to Shri Vishwakarma Skill University (SVSU), DELNET, and Delhi Skill and Entrepreneurship University (DSEU) on May 7–8, 2025.

At SVSU, the team explored the e-Office system provisioned by NIC, functioning for 500 users on a cloud infrastructure prepaid for five years. The campus runs on a 1 Gbps internet connection but lacks backup and essential security layers. SVSU emphasized the need for a 12-core fiber optic network for efficient connectivity. The university's ERP is under development, and its industry-integrated training model involves 200+ partners, offering stipends to students during internships and OJT.



The Assistant Librarian reviewed SVSU's library, which holds 8,000 books, e-book subscriptions, and uses e-Granthalaya and Turnitin software. A digital portal exists but could not be assessed due to poor connectivity.

At DELNET, the team was briefed on ASU's upcoming subscription, access to DELPLUS software, and suggestions for creating digital repositories and a Visual Lab.



DSEU's library runs on KOHA and awaits full infrastructure development. The visit also explored collaborations with JBM and Motherson, focusing on industry support and curriculum development.



## VISIT BY ASU DELEGATES

### Visit to Häme University of Applied Sciences – HAMK

9<sup>th</sup>-12<sup>th</sup> June, 2025



A delegation from Assam Skill University (ASU), including Hon'ble Vice Chancellor Prof. (Dr.) Manoj Kumar Deka, Prof. (Dr.) Anil Borah, Prof. (Dr.) Chandana Goswami, Dr. Utpal Barman, and Dr. Kaustubh Bhattacharyya, participated in a four-day study visit to Häme University of Applied Sciences (HAMK), Finland. The visit offered valuable exposure to Finland's progressive educational ecosystem, with focused sessions on quality assurance, student-centric pedagogy, design-based education (DBE), and competence-driven learning. The delegation visited key HAMK campuses including Tavastia Vocational College and Riihimäki Campus, observing real-world learning environments and wellbeing frameworks for students and faculty.

Engaging discussions were held on entrepreneurship, startup incubation, and research collaboration, especially in the context of innovation-driven education. Sessions also explored HAMK's strategic partnerships and industry linkages. While the delegation appreciated HAMK's structured and inclusive model, it also noted challenges in replicating certain resource-intensive practices in rural or underfunded Indian contexts. Suggestions included incorporating more hands-on workshops and exploring deeper collaborative frameworks. Overall, the visit was productive and inspiring, strengthening the foundation for future academic partnerships and curriculum innovations aimed at enriching skill-based education in Northeast India. The ASU delegation expressed gratitude for the warm hospitality and meaningful engagements extended by HAMK throughout the visit.





## ACADEMIC ENGAGEMENTS

### PG Certificate Courses on Artificial Intelligence and Data Science

Assam Skill University successfully completed two short-term courses in June 2025: a 6-month PG Certificate course in Artificial Intelligence and a 6-month PG Certificate course in Data Science. The student statistics for these courses are as follows:

Course	Nos. of students enrolled	Nos. of students appeared for final examination
PG Certificate course in Artificial Intelligence	2	2
PG Certificate course in Data Science	2	2

The classes were conducted at the ASU interim campus, and the examination was also held at the campus itself. Over the past months, students have developed a strong foundation in Python programming, core concepts of data science, and fundamental artificial intelligence techniques. The curriculum emphasizes hands-on learning, with approximately 70% of the course dedicated to practical training through lab sessions, mini-projects, and real-world applications.



The students are currently undergoing On-the-Job Training (OJT), which forms the final and most critical phase of the course. Encouragingly, two startups have expressed interest in engaging these students, with plans to onboard two students each for their OJT, marking a promising step towards bridging academic learning with industry application.



## ACADEMIC ENGAGEMENTS

### Ph.D coursework

The Ph.D coursework classes and seminars are ongoing for a total of 8 research scholars in three departments, viz. Dept. of Information Technology, Dept. of Applied Management, and Dept. of Mechanical.

Department-wise, the following papers were floated in the January-June 2025 semester-

**Information Technology- 5 papers:** Research Methodology, Ethics in Research and Publication, Seminar, Computational Techniques, Domain Paper

**Applied Management - 5 papers:** Research Methodology, Ethics in Research and Publication, Seminar, Computational Techniques, Domain Paper

**Mechanical- 3 Papers:** Research Methodology, Ethics in Research and Publication, and Seminar





## ACADEMIC ENGAGEMENTS

### Board of Studies Meetings

#### Department of Mechanical

1<sup>st</sup> BoS meeting: 26<sup>th</sup> March, 2025



#### Department of Information Technology

2<sup>nd</sup> BoS meeting: 26<sup>th</sup> May 2025





## ACADEMIC ENGAGEMENTS

### Assam Skill University Entrance Examination (ASUEE) 2025

The first Assam Skill University Entrance Examination (ASUEE) was successfully conducted on 22nd June 2025 across three designated venues: Venue 1 – Assam Skill University Interim Campus (capacity: 106), Venue 2 – ITI Guwahati (capacity: 286), and Venue 3 – Arya Vidyapeeth College (capacity: 207). This entrance examination was held for admissions into the following academic programs: B.Tech in Civil Engineering (Honours in Digital Transformation in Construction), B.Tech in Computer Science & Engineering (Honours in AI-ML), B.Tech in Computer Science & Engineering (Honours in Cyber Security), Integrated M.Sc in Food Technology, and Master in Travel and Tourism Management.

Candidates applying for the B.Tech programs and the Integrated M.Sc in Food Technology appeared for a common Physics and Chemistry paper. In addition, applicants for the B.Tech programs wrote a separate Mathematics paper, while those applying exclusively for the Integrated M.Sc program appeared for the Biology paper. Candidates who applied for both programs were required to take both the Mathematics and Biology papers accordingly.



**Summary of appearing candidates**

Paper Name	Venue 1	Venue 2	Venue 3	Total
Physics & Chemistry	32	153	101	286
Mathematics	32	129	101	262
Biology	NA	62	NA	62
MTTM	46	NA	NA	46





## ACCOLADES

### Assam Skill University clinches Bronze in Inter-University Badminton

Dr. Abdul Hannan and Rupankar Sarma have brought pride to Assam Skill University by securing the Bronze Medal in the Inter-University Badminton Tournament organized by Gauhati University. Their achievement is particularly commendable as they competed against full five-member teams from other universities with just the two of them representing ASU. Despite the numerical disadvantage, their determination, skill, and teamwork led them to outperform several well-equipped teams, showcasing exceptional resilience and sportsmanship.



### AICTE Approves New Academic Programs for 2025–26

ASU has obtained AICTE approval for the Academic Year 2025–26 to offer a diverse range of diploma, undergraduate, and postgraduate programs across various disciplines. At the diploma level, the university has received approval for Digital Manufacturing Technologies under the Engineering and Technology stream with an approved intake of 30 students. At the undergraduate level, ASU has received approval for the following programs: Civil Engineering, Computer Science and Engineering, Computer Science and Engineering (Artificial Intelligence and Machine Learning), Computer Science and Engineering (Cyber Security), Electronics and Telecommunication Engineering, Mechanical Engineering, and Hotel Management and Catering Technology—each with an intake of 30 students.

At the postgraduate level, the university has approval for Computer Science and Engineering (Artificial Intelligence and Machine Learning), Electric Vehicle Technology, Electronics and Communication Engineering (VLSI System Design), and MBA, each accommodating 30 students. Additionally, the university has received approval for the BBA program under the Management stream with an intake of 30.



## ACCOLADES

### Achievements by ASU members

#### Prof. (Dr.) Manoj Kumar Deka

- Prof. Manoj Kumar Deka was invited to serve as a member of the Board of Studies at B. Baruah College, with the purpose of contributing to curriculum development. The college has recently been granted academic autonomy, empowering it to independently design and implement its own academic curricula.



- Prof. Manoj Kumar Deka was invited as an esteemed speaker at the National Seminar on "Assurance of Quality in Academics and Research," held at North Eastern Hill University (NEHU) on 12th March 2025. This marked a proud moment for Assam Skill University, as a representative of the ASU fraternity contributed meaningfully to a distinguished academic forum hosted by one of the region's premier institutions.



- Prof. Deka was also invited by SriManta Sankardevdev University as a member of Board of Studies.



- Prof. Deka was invited to participate as a Keynote Speaker in a national-level panel discussion held at the prestigious Dibrugarh University. Expressing his deep appreciation, Prof. Deka described Dibrugarh University as a treasured institution and a symbol of pride for every Assamese. He lauded the university's serene campus, its commitment to academic excellence, and its vibrant cultural environment.



## ACCOLADES

### Achievements by ASU members

#### Prof. (Dr.) Mahesh Uniyal

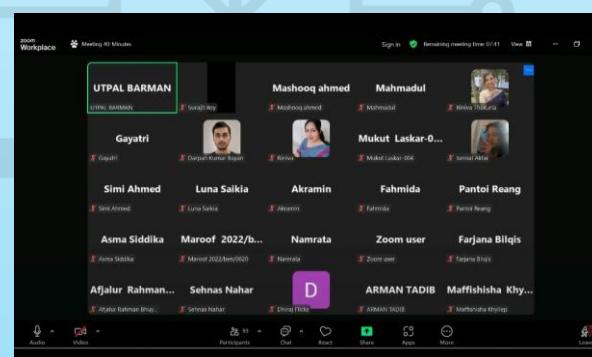
- Prof. Mahesh Uniyal, HoD, Department of Tourism, has published a new book titled *“Tour Operation and Management”* in collaboration with Dr. Neha Sharma. Published by Vishwaah Creations Publications, the book is available on Amazon and Flipkart. The book offers a comprehensive overview of tour planning, costing, operations, and includes relevant case studies, making it an essential resource for students and professionals in tourism and hospitality. Designed to serve as a practical and academic guide, it is ideal for classrooms, institutional libraries, and industry training programs.

ISBN-13 : 978-9367043431



#### Dr. Utpal Barman

- Delivered a lecture on *Artificial Intelligence* at the University of Science and Technology Meghalaya (USTM), organized by the Department of English.
- Appointed as Associate Editor, *Information Processing in Agriculture* (Elsevier) with IF.7.7



#### Dr. Shubhajit Das

- Delivered an expert lecture on the topic *“Business Planning and Management”* as part of a one-week Advanced Entrepreneurship and Skill Development Programme (A-ESDP) titled *“Empowering Women through Vermicomposting: Entrepreneurship and Skill Development Training Program on Vermicomposting.”* The event was organized by the Department of Mechanical Engineering, NIT Arunachal Pradesh, in collaboration with the North Eastern Regional Institute of Science and Technology (NERIST). The program was sponsored by the Ministry of Micro, Small and Medium Enterprises (MSME) and was held from 26th February to 2nd March 2025.





## ACCOLADES

### Achievements by ASU members

#### Dr. Deepjyoti Gurung

- February 15, 2025: Dr. Deep Jyoti Gurung was invited by the Department of Business Administration, Tezpur University, to lead a comprehensive hands-on workshop on Bibliometric Analysis and Systematic Literature Review for over 60 research scholars.
- March 2, 2025: Dr. Deep Jyoti Gurung was invited as resource person for talk on 'Insights on market opportunities and trends with women entrepreneurs' in the "Empowering Women Through Vermicomposting" program, sponsored by the Ministry Of MSME, jointly organized by North Eastern Regional Institute of Science and Technology and National Institute of Technology, Arunachal Pradesh.
- May 23, 2025: Dr. Deep Jyoti Gurung served as a resource person to deliver a session on 'Time Management' to General Managers, Managers, and Assistant Managers for a 'Leadership Program for RBI officers, organized by Indian Institute of Bank Management (IIBM), Guwahati.
- May 26-30, 2025: Dr. Deep Jyoti Gurung completed an enriching Faculty Development Programme at the National Institute of Securities Markets (NISM), Mumbai gaining in-depth knowledge across various financial market facets, including investments, derivatives, and portfolio management.
- June 14, 2025: Dr. Deep Jyoti Gurung was invited as an MBA admissions evaluator at North Eastern Regional Institute of Science and Technology (NERIST), Arunachal Pradesh.
- June 20, 2025: Dr. Deep Jyoti Gurung successfully obtained the Generative AI for Educators Certificate from Google.



#### Dr. Shapna Medhi

- Invited as a Panelist for the Panel Discussion on 'Role of Skill and Professional Courses in Hospitality and Aviation Sector' organised by Byatikram Group in collaboration with The Times of India as a part of their Education Conclave 4.0.



#### Dr. Biswadeep Bharali

- Invited as an external examiner for examinations of the 8th semester (UG Program) project work, Department of Civil Engineering, under the Faculty of Engineering, Assam downtown University on 10th & 11th June, 2025.





## ACCOLADES

### Achievements by ASU members

#### Dr. Bibhuti Bhushan Bhardwaj

- Invited as a speaker in the thematic panel on Circular Economy at the regional conference on “Urban Strategies for Clean Air,” co-organized by the Centre for Science and Environment and the West Bengal Regional Chapter of the Institute of Town Planners India, held at Hotel Hindusthan International, Kolkata, on June 26, 2025, for the discussion and lecture on the topic—"Adequacy of current standards for recycled products and the road ahead to push their uptake."
- Successfully defended the doctoral thesis on 3rd June 2025 at the Department of Civil Engineering, Indian Institute of Technology Madras. The thesis, titled “*Parameters Governing the Performance of RAP-inclusive Rigid Pavements*,” was carried out under the supervision of Dr. Surender Singh, Associate Professor, Department of Civil Engineering, IIT Madras. The doctoral work was evaluated by Dr. Alexander S. Brand from Virginia Tech University (USA) and Dr. Solomon Debbarma from IIT Bombay.



#### Ms. Barshneya Talukdar

- Invited as a resource person for the workshop on Artificial Intelligence with Machine Learning held at IIT Guwahati on 8th and 9th March, 2025



#### Mr. Nayan Jyoti Pathak

- Invited for the inauguration of the Electric Vehicles Laboratory, Skill Development Centre under the IQAC at Royal Global University on 24th June, 2025.

## List of Academic Publications

- Amit Kumar, **Julaiba Tahsina Mazumder**, Kenza Joyen, Frédéric Favier, Ali Mirzaei, Jin-Young Kim, Monika Kwoka, Mikhael Bechelany, Ravindra Kumar Jha, Mahesh Kumar, Hyoun Woo Kim, Sang Sub Kim, (2025), “Defect engineering approaches for metal oxide semiconductor-based chemiresistive gas sensing.” *Coordination Chemistry Reviews*, Vol 541, (2025). <https://doi.org/10.1016/j.ccr.2025.216836>
- Borah A., and **Pranjal Barman** (2025) Detecting Anomalous Degradation Behavior in Lithium-ion Batteries: A Deep Learning Approach. *Journal of Energy Storage* (Accepted on 11th June, 2025)
- Baruah, Sangita, Vaskar Deka, Duluman Das, **Utpal Barman**, and Manob Jyoti Saikia. (2025). “Enhanced Peer-to-Peer Botnet Detection Using Differential Evolution for Optimized Feature Selection” *Future Internet* 17, no. 6: 247. <https://doi.org/10.3390/fi17060247>



## ACCOLADES

### List of Academic Publications (Contd.)

- **Bibhuti Bhushan Bhardwaj**, Surender Singh, and Sumukh Swaroop C.R. (2025), "Role of Asphalt Binder Film Thickness on the Behaviour of RAP-incorporated Concrete", *Construction and Building Materials*, Volume 473, 141012, DOI: <https://doi.org/10.1016/j.conbuildmat.2025.141012>
- **Bibhuti Bhushan Bhardwaj**, Suraj Sadasivan, Surender Singh, and Monu Kumari, (2025), "Tolerance Level of Bricks in Recycled Concrete Aggregates", *Transportation Research Record*, DOI: <https://doi.org/10.1177/03611981251327201>
- **Biswadeep Bharali**, Basanta Rajbanshi & Himal Dahal (2025). "Effects of climate change on thermal comfort and energy performance of residential buildings". *Journal of Building Pathology and Rehabilitation*, 10, 130. <https://doi.org/10.1007/s41024-025-00639-z>
- G Krishna Teja, Prases K Mohanty, **Shubhajit Das**, (March 3, 2025). Review on path planning methods for mobile robot. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, DOI: 10.1177/09544062251330083, <https://journals.sagepub.com/doi/10.1177/09544062251330083>.
- **Mohd Azizuddin Ahmed**; Alokojwal Das; Sandip Bordoloi (2025). "Analyzing the Relationship of Carbon Dioxide Level with Physical Parameters in IoT-based Greenhouse Monitoring System." *International Conference on Sustainable Energy Technologies and Computational Intelligence (SETCOM)* Page no: 1-6 <https://doi.org/10.1109/setcom64758.2025.10932504>
- Nickhil, C., Mansuri, S. M., Saikumar, A., Junaid, P. M., **Nisha, R.**, Badwaik, L. S., ... & Kumar, S. (2025). Estimation of Mass and Volume of Freshly Harvested Assam Lemon (*Citrus limon* Burm L.) Using Computer Vision: Exploring Changes on Different Storage Days. *Applied Fruit Science*, 67(3), 1-15. <https://doi.org/10.1007/s10341-025-01369-9>
- **Pranjal Barman**, Kalita, A., Sarmah, P., Bhattarai, S., Bordoloi, S., & Khalid, F. (2025). Governance strategies, policy measures, and regulatory framework for hydrogen energy in India: A comprehensive review. *International Journal of Hydrogen Energy*, 140, 505-518.
- **Ritukesh Sharma**, Mahata, D.K., Roy, A., De, P.S., Kumar, A. (2025). Investigation on Corrosion and Indentation Behavior of a Novel Al-TiB<sub>2</sub>-AlCuFeMn Composite. *Journal of Materials Engineering and Performance*, 1-11, <https://doi.org/10.1007/s11665-025-11569-9>.
- Sharma, M. K., **Abhinav Bharadwaj**, & Chakraborty, S. (2025). A novel hybrid bistable auxetic metamaterials with reusable geometric configuration for energy dissipation. *International Journal of Structural Integrity*. <https://doi.org/10.1108/IJSI-01-2025-0021>
- **Sibo Boro**, Vivek Kambhampati, Sandeep Das, and Deepanka Saikia (2025). "Edible mushrooms as meat analogues: A comprehensive review of nutritional, therapeutic, and market potential." *Food Research International* : 116632. <https://doi.org/10.1016/j.foodres.2025.116632> [Impact Factor: 7.0]
- Yogeshwaran Kumarasamy, Prases Kumar Mohanty, Nagarjun Jayakumar, **Shubhajit Das**, (March 20, 2025). Enhancing 3D printing with composite filaments incorporating electronic waste: a study on flexural and compression strength. *International Polymer Processing*, Volume 40, Issue 2, <https://doi.org/10.1515/ipp-2024-0090>
- Yogeshwaran K., **Shubhajit Das**, J. Nagarjun, (May 23, 2025). Optimization of process parameters during additive manufacturing of Oldham coupling. *Advances in Multidisciplinary Design, Analysis and Optimization, Lecture Notes in Mechanical Engineering*, (Springer Nature), pp 351-362, [https://link.springer.com/chapter/10.1007/978-981-96-1158-4\\_37](https://link.springer.com/chapter/10.1007/978-981-96-1158-4_37)
- Yogeshwaran K., **Shubhajit Das**, (2025). Additive Manufacturing of tools and dies for Metal Forming applications. Chapter 11 in the book titled 'Additive Manufacturing with Novel Materials: Processes, Properties and Applications' by R. Rajasekar, C. Moganapriya and P. Sathish Kumar (eds.). Scrivener Publishing LLC, pp 343-372



## ACCOLADES

### Memorandum of Understanding (MoU) signed with different institutes



**New Age Makers Institute of Technology**

Date: 27<sup>th</sup> June, 2025

**North East Agro Product & Services**

Date: 23<sup>rd</sup> June, 2025



**Motherson Air Travel Agencies Limited**

Date: 20<sup>th</sup> June, 2025

**Cambridge University Press & Assessment**

Date: 28<sup>th</sup> May, 2024



**Government Tool Room and  
Training Centre**

Date: 6<sup>th</sup> June, 2025

**Pentapolis Foundation**

Date: 5<sup>th</sup> June, 2025



## ACCOLADES

### Memorandum of Understanding (MoU) signed with different institutes



#### Telecom Sector Skill Council (TSSC)

Date: 5<sup>th</sup> June, 2025



#### North-Eastern Handicrafts and Handlooms Development Corporation Limited

Date: 29<sup>th</sup> May, 2025



#### L&T EduTech

Date: 25<sup>th</sup> April, 2025



#### Indian Institute of Infrastructure and Construction (IIIC), Kollam

Date: 9<sup>th</sup> May, 2025



#### Institute of Technical Education Education Services (ITEES), Singapore

Date: 26<sup>th</sup> February, 2025



## ACCOLADES

### Memorandum of Understanding (MoU) signed with different institutes



**Directorate of Sainik Welfare**

Date: 29<sup>th</sup> May, 2025



**National Institute of Securities Market**

Date: 23<sup>rd</sup> April, 2025



**Guwahati Biotech Park**

Date: 18<sup>th</sup> March, 2025



**Groom India Salon and Spa**

Date: 25<sup>th</sup> March, 2025

## Some other MoUs

Institute	Date of signing MoU
JBM Auto Ltd.	18 <sup>th</sup> February, 2025
Centurion University of Technology & Management	25 <sup>th</sup> February, 2025
Kaushalya The Skill University, Gujarat	3 <sup>rd</sup> March 2025
Elevista Foundation	7 <sup>th</sup> March 2025
Shevaroys Viruthambal Charitable Trust	25 <sup>th</sup> March, 2025





## ACCOLADES

### Creative Writings

14 | Opinion

Gplus | May 03 - May 09, 2025

## The forgotten essentials: Why every student needs a toolbox of skills, not just degrees

Dr. Shubhajit Das

In the rapidly evolving landscape of the 21<sup>st</sup> century, the traditional emphasis on academic degrees as the sole determinant of success is undergoing a profound reassessment, particularly within the context of India's dynamic North-Eastern states. The conventional educational model, while valuable in imparting theoretical knowledge, often falls short in equipping students with the practical skills and competencies demanded by today's competitive job market. This is especially pertinent in North-East India, a region characterised by its unique socio-economic dynamics, cultural diversity, and developmental challenges. The imperative for a paradigm shift towards skill-based learning is becoming increasingly apparent, not only for enhancing employability but also for fostering self-reliance, innovation, and sustainable development within the region. The deficiency of skills or inadequate technical skills poses a substantial obstacle to employment prospects in India, necessitating continuous upskilling to remain competitive in the ever-evolving market. Employability is determined by possessing the appropriate skills for paid work, and India faces the problem of the non-employability of educated youth, who possess little to no job skills. This recognition necessitates a re-evaluation of the existing educational framework and a concerted effort to integrate skill development initiatives into the mainstream curriculum. A college degree, once considered the ultimate ticket to employment, is no longer sufficient. In today's dynamic world, the true currency of employability is not merely academic knowledge but a robust toolbox of practical skills. Nowhere is this more relevant than in the North-Eastern states of India, a region rich in culture and talent but long constrained by limited industrial infrastructure and traditional education systems.

**The Skills vs. Degrees Debate**  
The growing importance of skill-based learning in shaping employability and confidence in today's world cannot be overstated, particularly in the context of North-Eastern India. The region's unique challenges, including limited infrastructure, geographical remoteness, and socio-economic disparities, necessitate a workforce equipped with practical skills and entrepreneurial acumen to drive sustainable development. Skill-based learning, which emphasises hands-on experience, real-world application, and continuous improvement, offers a powerful antidote to the limitations of traditional, theoretical education. By providing students with opportunities



academic curricula may not adequately prepare students for the demands of the modern workforce, a focus on developing these essential skills is particularly crucial. Academic programs have received a rapidly increasing call to incorporate skills that have been referred to as soft skills and, more recently, 21st-century skills.

#### Role of Skill Universities: Bridging the Gap

Skill Universities are emerging as transformative institutions in India's educational ecosystem. Unlike conventional universities, these institutions offer programs aligned with National Skill Qualification Framework (NSQF), focusing on industry-relevant competencies and practical exposure. In the North-East, the establishment of Skill Universities such as the Assam Skill University marks a turning point. These institutions serve not only as centres of learning but also as incubators of talent and innovation.

In the North-Eastern states of India, where access to quality education and employment opportunities may be limited, skill-based learning can be particularly transformative. Skill development programs tailored to the local context and needs can help individuals acquire the skills necessary to secure employment in sectors such as tourism, handicrafts, agriculture, manufacturing, construction, and renewable energy. By focusing on practical training and industry-relevant skills, vocational education programs in the North-Eastern states can equip students with the competencies they need to thrive in the workforce, regardless of their academic background. This approach not only enhances their employability but also contributes to the overall economic development of the region.

Key contributions of Skill Universities in the North-East include:

- **Localised Skill Mapping:** Understanding the region's industrial and cultural landscape to design curriculums that meet local needs.
- **Industry Linkages:** Collaborations with local and national industries ensure that training remains relevant and demand-driven.
- **Entrepreneurship Development:** Equipping students with skills to not just seek jobs but to create them through startups and MSMEs.
- **Inclusion and Accessibility:** Catering to marginalised communities and promoting gender equity in skill acquisition.

#### Building Employability and Confidence

One of the most transformative outcomes of skill-based education is the boost it gives to student confidence. When students engage in hands-on learning, internships, and real-world projects, they start

seeing themselves as capable contributors to society. Skill-based learning demystifies complex technologies and instils a sense of purpose. A student trained in CNC operations or solar panel installation, for instance, not only understands the process but can execute it, making them instantly employable and self-assured. In the North-East, where self-employment and micro-enterprises can be powerful engines of economic upliftment, these skills translate into tangible improvements in livelihood and dignity.

#### Fostering Innovation through Skills

Skills empower creativity. When students are confident in using tools and technologies, they are more likely to experiment, solve problems, and innovate. Skill Universities often include design thinking, product development, and industry-linked capstone projects that allow students to develop solutions for local problems. For example, a student might develop a low-cost water filtration system for rural Assam or design bamboo-based packaging alternatives, combining sustainability with innovation.

#### The Way Forward

To truly transform the educational and employment scenario in the North-East, a multi-stakeholder approach is essential:

- **Policy Support:** State and Central governments must continue supporting Skill Universities through funding, infrastructure, and regulatory frameworks.
- **Community Involvement:** Local communities must be sensitised to the value of skills, not just degrees.
- **Industry Participation:** More industries should partner with Skill Universities for internships, faculty training, and joint research.
- **Mindset Shift:** Parents, students, and educators need to recognise that practical skills are not an alternative but a complement to academic learning.

A degree may open the door, but skills help walk through it. In a world that rewards ability over accolades, students must be equipped with a toolbox of skills that empower them to build, create, and lead. The North-Eastern states, with their unique socio-cultural fabric and youthful population, stand at the cusp of a new educational revolution. Skill Universities are lighting the path forward, proving that with the right tools, every student can craft not just a career, but a legacy.

(The author is an Assistant Professor in the Department of Mechanical Engineering at the School of Manufacturing & Construction, Assam Skill University)

Written by- Dr. Shubhajit Das  
Published on- Gplus (3<sup>rd</sup>-9<sup>th</sup> May, 2025)



## ACCOLADES

### Creative Writings

**দৈবিক অসম**  
**চতুর্থ পৃষ্ঠা**

গুৱাহাটী, উকুৰবাৰ, ১৬ মে', ২০২৫  
Guwahati, Friday, May 16, 2025

# অর্হতা, দক্ষতাৰ বিকাশ

## আৰু অসম দক্ষতা বিশ্ববিদ্যালয়

**অ**র্হতা আৰু দক্ষতা দুয়োটা শব্দকেই সাধাৰণতে সমাৰ্থক বৃজাবলৈ ব্যৱহাৰ কৰা দেখা যায়। প্ৰকৃতততে দুয়োটা শব্দয়েই শিক্ষাৰ ক্ষেত্ৰখনত নিযুক্তি আৰু পেছাগতে উভয়নন্তৰ ভিত্তিক অৰ্থ প্ৰকাশ কৰে। এজন ব্যক্তিৰ অৰ্হতাই তেওঁ অৰ্জন কৰা শিক্ষাগত ডিগ্ৰী, প্ৰশিক্ষণ ইত্যাদিতে সুচয়। অৰ্হতা হ'ল একপ্ৰকাৰৰ অনুষ্ঠানিক চৰকাৰীভাৱে স্বীকৃত ডিগ্ৰী অথবা ডিপ্লোমা। এই ডিগ্ৰী অথবা ডিপ্লোমাৰ প্ৰমাণ হিচাপে বাক্তিজনে তেওঁৰ চাটাফিকেটসমূহ প্ৰদৰ্শন কৰিব পাৰে। অৰ্হতাই এজন ব্যক্তিৰ জ্ঞানৰ পৰিচয় দাঙি ধৰে। ইয়াৰ বিপৰীতে দক্ষতা হ'ল এজন ব্যক্তিৰ যিকোনো কাৰ্য এটা নিয়াৰিকে সূচাৰকাপে কৰিব পৰাৰ ক্ষমতা। দক্ষতা কেৱল বিতাপৰপৰা আহৰণ কৰা জ্ঞান নহয়, ই হ'ল কাৰ্য এটা হাতে-কাৰ্য কৰিব পৰাৰ ক্ষমতা। ব্যক্তি এজনৰ কোনো অনুষ্ঠানিক ডিগ্ৰী নাথাকিলেও তেওঁৰ কোনো দক্ষতা ধৰিব পাৰে। কিন্তু এজন ব্যক্তিৰ অৰ্হতা ধৰিলেও দক্ষতা নাথাকিব পাৰে। দক্ষতাৰ বিকাশ অনুশীলনৰপৰা হয়। চৰ্চা অথবা অনুশীলন কৰি ধৰিলেহে এজন ব্যক্তিয়ে যিকোনো কাৰ্য দক্ষতা অৰ্জন কৰিব পাৰে। দুটামান উদাহৰণ দিলে বৃজিবলৈ সহজ হ'ব। এজন ব্যক্তিয়ে কোনো অনুষ্ঠানিক ডিগ্ৰী নথকতিকৰণে ফটো এখনৰ সম্পৰ্কে কৰিব ব্যৱহাৰ কৰা পাৰে। অনুহাতৰে এজন ব্যক্তিজ্ঞানৰ বিষয়ৰ আৰতকে উপকৰণৰ তালি, MS Office ইত্যাদি ব্যৱহাৰ কৰাৰ দক্ষতা অৰ্জন কৰিব পাৰে। ইয়াৰ বাবে তেওঁ ওপৰকিৰ কষ্ট আৰু সহজ দিব লাগিব। এই দক্ষতাৰ বলত এই আৰতকজনৰ অভিচ-কচাৰী, কল-কাৰখনানামত নিযুক্তিৰ সম্ভাৱনা অন্য সাধাৰণ প্ৰাক্তকৰণে অধিক হ'ব।

অনুষ্ঠানিক শিক্ষা ব্যৱহাৰ হ'ল সুল, কলেজে আৰু বিশ্ববিদ্যালয়ত প্ৰদৰ্শন কৰা ব্যৱহাৰ। এই শিক্ষাৰ ব্যৱহাৰৰ উদ্দেশ্যৰ তৈলিঙ্গিকসমূহ হ'ল— (১) প্ৰেসিপ্টো বিশেষ শিক্ষা ব্যৱহাৰ, (২) পাঠ্যক্ৰমৰ বিশেষ শিক্ষা ব্যৱহাৰ, (৩) স্বীকৃতিপ্ৰাপ্ত ডিগ্ৰী/ডিপ্লোমা প্ৰদৰ্শন, (৪) নিৰ্দিষ্ট সময়সাপেক্ষ পাঠ্যদণ্ড প্ৰক্ৰিয়া।

দক্ষতাৰ বিকাশৰ বাবে প্ৰস্তুত কৰা পাঠ্যক্ৰমত উল্লিখিত বৈশিষ্ট্যসমূহ প্ৰস্তুতভাৱে দেখা নাযাবলো পাৰে। তিচু নথৰ আলোচনেকে অনুষ্ঠানিক শিক্ষাৰ লগতে দক্ষতাৰ বিকাশ হ'ব পৰা পাঠ্যক্ৰমৰ ধাৰণাটোৱে বৰচৰভাৱে প্ৰসাব লাভ কৰা নাইল। অনুষ্ঠানিক ডিগ্ৰী অথবা ডিপ্লোমা অৰ্জন কৰাৰ পাছতো শিক্ষাৰ লগতে দক্ষতাৰ বিকাশ হ'ব পৰা পাঠ্যক্ৰম নিয়েই তাৰক আছিল। ফলত এগৰোক্ত ছাৱাৰীয়ে অনুষ্ঠানিক ডিগ্ৰী অথবা ডিপ্লোমা অৰ্জন কৰাৰ পাছতো তেওঁৰ দক্ষতাৰ অভাৱ ধৰিব পাৰে। এনেকৰা আলোচিক ডিগ্ৰী অথবা ডিপ্লোমা-নিৰ্ভৰ হৈ তেওঁ

নিযুক্তিৰ ক্ষেত্ৰখনৰ প্ৰতিযোগিতাত ব্যৱহাৰিনি পিছপৰি যায়। নতুন শিক্ষানীতি ২০২০ৰ ক্ষেত্ৰখনৰ পাছত অনুষ্ঠানিক শিক্ষা ব্যৱহাৰত দক্ষতাৰ বিকাশ হ'ব পৰা পাঠ্যক্ৰম অস্তৰুজিৰ চিতা-চৰ্চা আৰম্ভ হৈছে। এইবিনিতে এইটোও চৰ লাগিব যাতে এনে ধৰণৰ পাঠ্যক্ৰমৰ অস্তৰুজিৰে অথবা ছাৱা-ছাৱীসকলৰ মানসিক চাপ বৃদ্ধি নকৰে। বৰতোৱে প্ৰতিষ্ঠিত কোম্পানীৰ নিজাবৰে একেটো শিক্ষা বিভাগ থাকে। বৰতোৱে প্ৰতিষ্ঠিত কোম্পানীয়ে নিজৰ উদ্যোগৰ সহজ হোৱাকৈ ইঞ্জিনীয়াৰিঙ্গৰ পাঠ্যক্ৰম প্ৰস্তুত আৰু প্ৰদৰ্শন কৰিব। ছাৱা-ছাৱীসকলৰ ইলানৰিপোৰো সুবিধা কৰিব দিয়ে। পাঠ্যক্ৰমসমূহ উদ্যোগাভিক্ষিক হয় আৰু এনেকৰা ধৰণৰ পাঠ্যক্ৰম অস্তৰুজিৰে ছাৱা-ছাৱীসকলৰ উদ্যোগাটোত চলি ধৰা প্ৰযুক্তিৰ লগত পঢ়ি থকা অবস্থাতে প্ৰতাৰ সংযোগ ঘটাব। ছাৱা-ছাৱীসকলৰ পৃষ্ঠিগত জ্ঞানৰ লগতে কচকে প্ৰযুক্তিৰ সম্পৰ্কীয় জ্ঞান লাভ কৰিব পাৰিব। উদ্যোগৰ লগতে এনেকৰা এনেধৰণৰ সহযোগিতাত লিকেন্ডুষ্ট্ৰিয়ন এখন NIRF বেকিং-লাট কৰাবত যথেষ্ট সহজ কৰিব। National Accreditation and Assessment Council চৰুকে NAAC আৰু National Board of Accreditation চৰুকে NBAৰ মূল্যায়নতো বহু পৰিমাণে সহজ কৰিব।

ইতিমধ্যে অসমৰিক আৰু যাহুক অভিযান্ত্ৰিক বিভাগৰ লগত L & T EduTech নামৰ কোম্পানীৰ লগত শিক্ষাদণ্ডৰ ক্ষেত্ৰত দক্ষতাৰ বিকাশৰ লগতে দক্ষতাৰ বিকাশৰ বাবে কেৱল ধৰণৰ পাঠ্যক্ৰম প্ৰস্তুত কৰা হৈছে। দক্ষতাৰে সমৰ্পি— এই মূলমূল সাৰোগত কৰি অসম দক্ষতাৰ বিশ্ববিদ্যালয়ে শিক্ষাৰ জগতখনত খোপনি পৃতিবলৈ উলাইছে। এই শিক্ষাৰ বিকাশৰ পৰা বিভাগৰ প্ৰৱীনসমূহৰ বিশ্ববিদ্যালয়ৰ প্ৰদৰ্শনীটোৱে মহানগৰৰ বিকৰাৰীৰ অস্থাবী চৌহদত অবস্থ হ'ব। অহ বৰি জানৰীৰপৰা শ্ৰেণীসমূহৰ মহানদৈৰে নিজা কেপ্টো প্ৰতিষ্ঠা ডিগ্ৰী অথবা ডিপ্লোমাৰ পাঠ্যক্ৰমত দক্ষতাৰ বিকাশৰ শিষ্টোৱে বিশেষভাৱে উক্তত প্ৰদৰ্শন কৰা হৈছে। পাঠ্যক্ৰম প্ৰস্তুত কৰাবলৈ পাঠ্যদণ্ডৰ সময়ৰ ওপৰতো উক্তত প্ৰদৰ্শন কৰা হৈছে। ছাৱা-ছাৱীসকলে ৭০ শতাংশ সময় যাতে পৰীক্ষাগতাৰ কৰ্তাৰ পাঠ্যক্ৰম প্ৰস্তুত কৰাবলৈ পৰীক্ষাগতাৰ পৰামুখ প্ৰস্তুত কৰাবলৈ প্ৰথমত পৰীক্ষাগতাৰ পৰামুখ প্ৰস্তুত কৰাবলৈ পৰামুখ প্ৰস্তুত কৰা হৈছে। তন্মূলে ছাৱা-ছাৱীসকলে উদ্যোগত ভৱিষ্যতৰ বিশ্বমানৰ শিক্ষানীতিলৈ কৰ্মসূলৰ কৰিব আৰু স্বাক্ষৰৰ উদ্যোগৰ লগতে বৈশিষ্ট্যসমূহৰ বিশেষভাৱে পৰামুখ প্ৰস্তুত কৰা হৈছে। যিচুহু এটা উদ্যোগত এজন কৰ্মসূলীয়ৰ এবং পৰা ৬ ঘণ্টাৰ পৰ্যাপ্ত একেৰোহে কাম কৰিবলগীয়া হয়, সেই কৰ্মসূলীয়ৰ লক্ষ্য বাধা পাঠ্যক্ৰম প্ৰস্তুত কৰিবলৈ প্ৰয়াস কৰা হৈছে। ছাৱা-ছাৱীসকলৰ দক্ষতাৰ আৰু ব্যৱহাৰিক আন বৃদ্ধিৰ বাবেই এই ধৰণৰ পাঠ্যক্ৰমৰ ব্যৱহাৰ কৰা হৈছে। ব্যৱহাৰিক আলোচিক ডিগ্ৰী অথবা ডিপ্লোমা-নিৰ্ভৰ হৈ তেওঁ

**ডঃ অনিল বৰা**

এতিয়া আলোচনা কৰিবলৈ উলাইছে অসম দক্ষতাৰ বিশ্ববিদ্যালয়ত অনুষ্ঠানিক শিক্ষাৰ লগতে দক্ষতাৰ বিকাশৰ বাবে কেৱল ধৰণৰ পাঠ্যক্ৰম প্ৰস্তুত কৰা হৈছে। দক্ষতাৰে সমৰ্পি— এই মূলমূল সাৰোগত কৰি অসম দক্ষতাৰ বিশ্ববিদ্যালয়ে শিক্ষাৰ জগতখনত খোপনি পৃতিবলৈ উলাইছে। এই শিক্ষাৰ বিকাশৰ পৰা বিভাগৰ প্ৰৱীনসমূহৰ বিশ্ববিদ্যালয়ৰ প্ৰদৰ্শনীটোৱে মহানগৰৰ বিকৰাৰীৰ অস্থাবী চৌহদত অবস্থ হ'ব। অহ বৰি বাধাৰীৰপৰা শ্ৰেণীসমূহৰ মহানদৈৰে নিজা কেপ্টো প্ৰতিষ্ঠা ডিগ্ৰী অথবা ডিপ্লোমাৰ পাঠ্যক্ৰমত দক্ষতাৰ বিকাশৰ শিষ্টোৱে বিশেষভাৱে উক্তত প্ৰদৰ্শন কৰা হৈছে। পাঠ্যক্ৰম প্ৰস্তুত কৰাবলৈ পাঠ্যদণ্ডৰ সময়ৰ ওপৰতো উক্তত প্ৰদৰ্শন কৰা হৈছে। ছাৱা-ছাৱীসকলে ৭০ শতাংশ সময় যাতে পৰীক্ষাগতাৰ কৰ্তাৰ পাঠ্যক্ৰম প্ৰস্তুত কৰাবলৈ পৰীক্ষাগতাৰ পৰামুখ প্ৰস্তুত কৰা হৈছে। তন্মূলে ছাৱা-ছাৱীসকলে উদ্যোগত ভৱিষ্যতৰ বিশ্বমানৰ শিক্ষানীতিলৈ কৰ্মসূলৰ কৰিব আৰু স্বাক্ষৰৰ উদ্যোগৰ লগতে বৈশিষ্ট্যসমূহৰ বিশেষভাৱে পৰামুখ প্ৰস্তুত কৰা হৈছে। যিচুহু এটা উদ্যোগত এজন কৰ্মসূলীয়ৰ এবং পৰা ৬ ঘণ্টাৰ পৰ্যাপ্ত একেৰোহে কাম কৰিবলগীয়া হয়, সেই কৰ্মসূলীয়ৰ লক্ষ্য বাধা পাঠ্যক্ৰম প্ৰস্তুত কৰিবলৈ প্ৰয়াস কৰা হৈছে। ছাৱা-ছাৱীসকলৰ দক্ষতাৰ আৰু ব্যৱহাৰিক আন বৃদ্ধিৰ বাবেই এই ধৰণৰ পাঠ্যক্ৰমৰ ই-মেইল : [dainikasamedt@gmail.com](mailto:dainikasamedt@gmail.com)

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## ACCOLADES

### Creative Writings

।। প্রবন্ধ ।।

## পরম্পরাগত বিশ্বাস আৰু গৰ্ভাবস্থাত খাদ্যৰ প্রতিবন্ধকতা আৰু মাইক্রোনিউট্ৰিয়েণ্টৰ অভাৱ : মাতৃ আৰু শিশুৰ স্বাস্থ্য বিকাশত দীৰ্ঘম্যাদী প্ৰভাৱ

ডাঃ জাহৰী গোস্বামী

‘গৰ্ভাবস্থাব ইতিবাচক ফলাফলৰ বাবে মাতৃৰ সঠিক পৃষ্ঠি অতি প্ৰয়োজনীয়। তথাপি, বহু মহিলাই বিশ্বাস কৰে যে গৰ্ভাবস্থাব প্ৰথম ছমাহত খাদ্যৰ সীমাবদ্ধতাৰ ফলত সৰু, সহজে প্ৰসৰ কৰিব পৰা সন্তান জন্ম হ'ব। এনে তুল ধাৰণাই বহু সমস্যাৰ সৃষ্টি কৰিব পাৰে, বিশেষকৈ পৃষ্ঠিহীনতাৰ আৰু বৃত্তহীনতাৰ দৰে সংকটৰ সৃষ্টি হয়।’

মাইক্রোনিউট্ৰিয়েণ্ট হৈছে পৃষ্ঠিচক্ৰৰ সূক্ষ্ম  
কিন্তু গভীৰ মৌলিক উপাদান। যদি এগৰাকী  
গৰ্ভবতী মাতৃৰ এই উপাদানসমূহৰ অভাৱ  
হয়, তেন্তে তেওঁ আৰু তেওঁৰ গৰ্ভস্থ  
সন্তান অজানিতে পৃষ্ঠিহীনতা, অসুস্থতা  
আৰু কিছুমান নীৰৰ সংকটৰ চক্ৰত  
আৰম্ভ হৈ পাৰে। ভাৰত বৰ্তমান পৃষ্ঠিৰ  
পৰিৱৰ্তনৰ সন্ধিক্ষণত আছে।  
ভাৰতীয় খাদ্য সুৰক্ষা আৰু মানৱ  
প্ৰাধিকৰণৰ তথ্য অনুসৰি  
প্ৰতিবোধযোগ্য মাইক্রোনিউট্ৰিয়েণ্টৰ  
অভাৱ এক বৃহৎ জনস্বাস্থ্য সমস্যা  
হিচাপে দ্রুতগতিত পৰিণত হৈছে।  
ভোগোলিক অবস্থান, শিক্ষা,

আৰ্থ-সামাজিক অবস্থা, সমাজিক বিশ্বাস এই  
সকলোৰোৱেই গৰ্ভবতী মহিলাৰ পৃষ্ঠিত গভীৰ  
প্ৰভাৱ পেলায়। উন্নয়নশীল দেশসমূহৰ গৰ্ভবতী  
মহিলাসকল বিশেষভাৱে পৃষ্ঠিৰ ক্ষেত্ৰত দুৰ্বল  
আৰু প্ৰায়ে বিভিন্ন চাপৰ সন্মুখীন হয়। গৰ্ভাবস্থাত  
বিভিন্ন খাদ্যৰ নিষেধাজ্ঞাই তেওঁলোকৰ শিশুৰ  
বাবে গৰ্ভাবস্থাব নেতৃত্বাচক  
ফলাফল আৰু ভবিষ্যতৰ  
স্বাস্থ্যজনিত সমস্যাৰ আশংকা  
বৃদ্ধি কৰি আছিছে।

আমাৰ উত্তৰ-পূৰ্বাঞ্চলৰ  
গৰ্ভবতী মহিলা আৰু শিশুৰ  
মাজৰ পৃষ্ঠিহীনতাৰ ছবিখন  
অতিকৈ শোচনীয়। বাস্তীয়



কথা-কাঞ্চন • এপ্ৰিল • ২০২৫ • ১৩

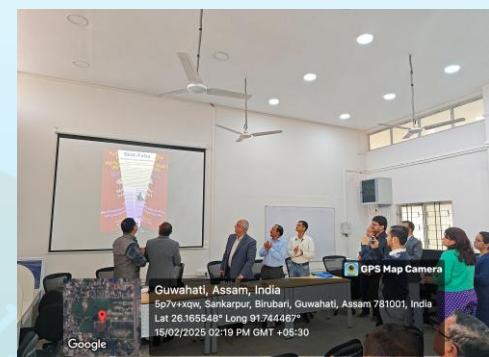
Written by- Dr. Jahnabi Goswami  
Published on- Kotha Kanchan (April, 2025)



## MISCELLANEOUS EVENTS

### Inauguration of Skill Pulse Volume 1 Issue 1

15<sup>th</sup> February, 2025



### Industry Academia Meet

29<sup>th</sup> May, 2025



### Anti-ragging workshop

17<sup>th</sup> June, 2025



### Training Session on Gender Equality and Social Inclusion

27<sup>th</sup> June, 2025





## PICTURE GALLERY



Awarding of guideship to the faculty members



Visit to IHMCT, Guwahati by ASU faculty



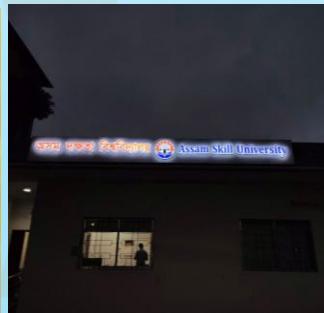
Visit to NESI, Guwahati by ASU faculty and FDP participants



The joining treat by the newly joined professors- Prof. Anil Borah and Prof. Chandana Goswami



Mr. Durlov Borgohain and Mr. Raktimabh Kakati attending training at AASC



Newly installed glow-sign of ASU at the interim campus



ASU faculty on invigilation duty at Arya Vidyapeeth College for ASUEE 2025



Winners of Quiz Competition



ASU faculty being trained on modern survey equipment delivered at interim campus



## ONGOING PROGRAMS

### Ph.D COURSES

- Ph.D in Applied Management
- Ph.D in Information Technology
- Ph.D in Mechanical Engineering

### PG CERTIFICATE COURSES

- PG Certificate course in Data Science
- PG Certificate course in Artificial Intelligence

## PROGRAMS BEING OFFERED FROM AUGUST, 2025

### POSTGRADUATE PROGRAMS

- Master of Business Administration
- Master of Tourism & Travel Management
- Integrated Master of Science in Food Technology

### UNDERGRADUATE PROGRAMS

- B.Tech in Civil Engineering with Honours in Digital Transformation in Construction
- B.Tech in Computer Science & Engineering (AI-ML)
- B.Tech in Computer Science & Engineering (Cyber Security)
- Integrated B.Tech in Mechanical Engineering with Specialization in CAD/CAM

### DIPLOMA PROGRAM

- Diploma in Digital Manufacturing Technology
- Diploma in Electric Vehicles

 **Assam Skill University**  
A Government of Assam University  
Bidyota Nagar, Mangaldoi, Cherrapunji, Darrang District,  
Assam – 784125

Approved by: UGC and AICTE

### ADMISSION NOTICE FOR ACADEMIC COURSES 2025-2026

Online Applications are invited for the following Courses and Programs

Courses for Academic Session 2025-26

**Diploma Courses (Eligibility: Class X with Science and Mathematics)**

- Diploma in Digital Manufacturing Technology (Specialisation in Outsourced Semiconductor Assembly and Testing)
- Diploma in Electric Vehicles
- Integrated B.Tech in Mechanical Engineering (Specialisation in CAD/CAM, option to opt for B.Tech) – in collaboration with L&T Edutech

**Undergraduate Programs (Eligibility: Class XII in Science stream)**

- B.Tech in Computer Science and Engineering (Honours in Artificial Intelligence and Machine Learning) – in collaboration with IBM
- B.Tech in Computer Science and Engineering (Honours in Cyber Security) – in collaboration with IBM
- B.Tech in Civil Engineering (Honours in Digital Transformation in Construction) – in collaboration with L&T Edutech
- Integrated Master of Science in Food Technology (Option to opt for PG)

**Certificate Courses (Eligibility: Class XII pass in any stream)**

- 1-Year Certificate Course in Hospitality – Housekeeping
- 1-Year Certificate Course in Beauty & Wellness
- 1-Year Certificate Course in Retail Services
- 1-Year Certificate Course in Food & Beverage Services

**Postgraduate Programs (Eligibility: Graduates from a recognised University/ Institution)**

- Master of Business Administration (MBA)
- Master in Travel and Tourism Management

**Assam Skill University's Key Features:**

- Northeast India's first ever Government Skill University
- Skill-based and industry-relevant curriculum
- State-of-the-art laboratory and classroom facilities
- Industry validated innovative courses and entrepreneurship opportunities
- Highly qualified and experienced faculty members
- On-the-job trainings and placement assistance
- Scholarships assistance for meritorious students
- Ensuring adequate representation of Women and Indigenous People
- Course fees can be paid in instalments
- Provision for institutional fellowship available

**LAST DATE OF ONLINE APPLICATION SUBMISSION:  
15th JUNE 2025**

For admission log in to: [www.admission.asu.ac.in](http://www.admission.asu.ac.in) | Female candidates  
Contact for query: 03613511532/03613511533/8638934294 | are encouraged to apply

*All the long-term UG and PG programs will have the option of lateral entry and lateral exit as per New Education Policy-2020*



# Skill-Pulse

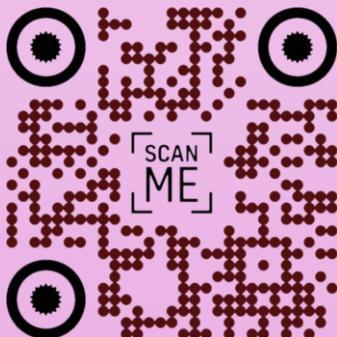
Newsletter of Assam Skill University



For more details about the university,  
visit-

[www.asu.ac.in](http://www.asu.ac.in)

OR



#### Chief-advisor:

Shri Subhash Chandra Das, Vice Chancellor, ASU

#### Advisor:

Prof. (Dr.) Manoj Kumar Deka, Director-IQAC, ASU

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Inside ITI Guwahati  
Birubari, Guwahati-781016

**Main Campus (under construction):**  
Assam Skill University, Mangaldai, Darrang, Assam-784125

