



Skill-Pulse

Newsletter of Assam Skill University

Volume 1, Issue 1: February 2025



Message from the Vice Chancellor



I am happy to learn that the first Newsletter of Assam Skill University (ASU) is being published in this month at the initiative of the members of the faculty. A Newsletter is essential for any institution to apprise the stakeholders about the activities of the university in a given period of time. These also act as true records of different steps, however small they may be, for the long-term development of the institution. Presently, Skilled manpower is a need of the nation, and as such, the Government of India and the State Governments have been giving due importance to skill education.

Therefore, ASU has an onerous responsibility on its shoulders being the first institution of its kind in the state. The university technically became operational in August 2021 with the joining of the Vice Chancellor, and the work on building the campus started in November 2022. However, the substantive work related to the university started only from the beginning of the year 2024 with the joining of the first batch of 13 members of the teaching faculty. All steps are being taken by the management and faculty of the university to devise courses in consultation with the industries and other stakeholders. Arrangements are also being made to train faculty with the required pedagogy for imparting skill education. I am sure the publication of the Newsletter of ASU, which has been aptly named Skill-Pulse will also help in motivating the youth of the state towards skill education. I take this opportunity to congratulate the editorial board for taking up this venture despite many constraints. I have no doubt that Skill-Pulse will contribute to the strengthening of the university. I wish a bright future for Skill Pulse.

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

Message from the Registrar



It gives me immense pleasure to extend my heartfelt congratulations to the Assam Skill University (ASU) team for the successful publication of the inaugural issue of the ASU Newsletter. ASU is going to transform the skill education landscape in the country

which will be globally recognized for its excellence in empowering youth with industry-aligned education, fostering entrepreneurship, and driving innovation for sustainable socio-economic growth with quality TVET training & research. I convey my best wishes and appreciation to the entire team for the initiative to publish the Newsletter, which will be very helpful for the youths of Assam and the entire Northeast in getting valuable information in regard to strengthening skill education in the region.

-Md. Hanif Noorani, ACS, Registrar

Message from the Academic Head



A newsletter serves as a reflection of an academic institution, facilitating systematic record-keeping and documentation. Publishing the newsletter regularly will support the Internal Quality Assurance Cell (IQAC) in maintaining a structured database

of institutional activities. These data will be highly beneficial for accreditation and regulatory requirements such as NAAC, AICTE, and NBA. It is a pleasure to announce that Assam Skill University is set to publish its first newsletter (Volume I, Issue I), with the noble aim of sharing the latest developments and achievements of the university with our esteemed faculty, students, and stakeholders. Together, we will continue to build a future-ready workforce that contributes meaningfully to the nation's growth.

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





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- Training on Gender Mainstreaming and Social Inclusion (19th Sep'24)
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- Faculty Development (Train the trainer) Program on CNC Technology (3rd to 15th Feb'25)

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- Visit by ADB officials at ASU interim campus (10th Jul'24)
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- Visit by Skill Employment & Entrepreneurship minister at ASU interim campus (22nd Jan'25)

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- Celebration of Teachers' Day (5th Sep'24)
- Celebration of Viswakarma Puja (17th Sep'24)
- Celebration of Republic Day (26th Jan'25)

VISIT BY ASU MEMBERS

- Visit to TATA Electronics and Infosys at Bangalore (21st Feb'24)
- Visit to the ASU main campus (9th Apr'24)
- Visit to World Skill Centre & Skill Development Institute, Bhubaneswar (4th & 12th Jun'24)
- Visit to L&T Head-Office, Chennai (12th Jul'24)
- Visit to Construction Skill training Institute (CSTI), Kanchipuram (13th Jul'24)

TRAININGS UNDERGONE BY ASU MEMBERS

- Training on Direct Trainer Skills (DTS) course (12th -16th Feb'24)
- Training at Tool Room & Training Centre MSME – Tool Room, Bhubaneswar (29th May-14th Jun'24)
- Training at Fronius India Pvt. Ltd., Pune for 2 weeks (11th -25th Nov'24)
- Orientation Program at Sri Viswakarma Skill University (SVSU), Haryana (20th May-24th May'24)

PARTICIPATION BY ASU IN OUTSIDE EVENTS

- Bharat Steam Boiler Expo 2024 (5th to 7th Mar'24)
- Quality Assurance in Indian Higher Education Institutions in North-East India (21st and 22nd Mar'24)
- Networking Reception (24th Sep'24)
- Northeast Startup Catalyst Program (27th & 28th of Jun'24)
- Training of trainers of school vocational teachers under Sarbasikha, Assam (July, 2024)
- SKIP National Seminar (25th Oct'24)
- Two-Day National Workshop on Vikshit Bharat@2047, NIT Meghalaya (15th-16th Nov'24)
- Participation in Career Guidance Workshops organized by employment exchange offices of different districts in Assam (23rd Oct-27th Dec'24)
- Industry Meet 2024 at Radisson Blu Hotel (3rd Dec'24)
- Industry Collaboration Workshop at Chennai (22nd Jan'25) & Guwahati (29th Jan'25)

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PICTURE GALLERY

ONGOING AND UPCOMING PROGRAMS

ASSAM SKILL UNIVERSITY TEAM

TRAININGS ORGANIZED

Three-Day Workshop on Construction Project Management

28th -30th August, 2024

A three-day workshop on Construction Project Management was held at the Assam Administrative Staff College, Khanapara, organized by Assam Skill University Project. Conducted in collaboration with NICMAR University, Pune, and sponsored by the Asian Development Bank, the workshop featured Dr. Anil Agarwal, Dr. Tushar Jadhav, and Dr. Madhav Kumthekar from NICMAR as resource persons. They led sessions on Cost Optimization, Construction Management, and MEP Optimization. Stakeholders from Assam Skill University and the Assam Skill University Project participated in this interactive workshop.



Training on Gender Mainstreaming and Social Inclusion

19th September, 2024



A one-day training on Gender Mainstreaming and Social Inclusion was conducted at the Assam Skill University Project city office in Rehabari, Guwahati. The training aimed to enhance understanding and integration of gender perspectives and social inclusion within the project framework. This initiative is part of a broader effort to ensure equitable participation and benefits for all genders and marginalized communities in the region. Sixteen members from ASU and ASUP attended the training, which was delivered by Gender Expert Ms. Anindita Das.

TRAININGS ORGANIZED

Faculty Development Program on Data Analytics

23rd-27th September, 2024

Assam Skill University, in collaboration with SAS India Pvt. Ltd., organized a one-week faculty development program at its interim campus in Birubari, Guwahati. A total of 51 participants from various institutes across Assam, including Assam down town University, Assam Skill University, B. Borooah College, Birangana Sati Sadhani Rajyik Vishwavidyalaya (Golaghat), Cotton University, Dhemaji Engineering College, DUIET (Dibrugarh University), Gauhati University, Girijananda Chowdhury University, ITI Haflong, ITI Bhergaon, ITI Guwahati, ITI South Salmara, K.C. Das Commerce College, K.K. Handiqui State Open University, Mahapurusha Srimanta Sankaradeva Vishwavidyalaya, and R.G. Baruah College, successfully completed the workshop.

Two resource persons from SAS India Pvt. Ltd., Mr. Mahesh Dubey and Mr. Akshyay Dixit, delivered extensive lectures and conducted hands-on training on data analytics using the SAS software. Participants were also provided with free online access to SAS software for practice.



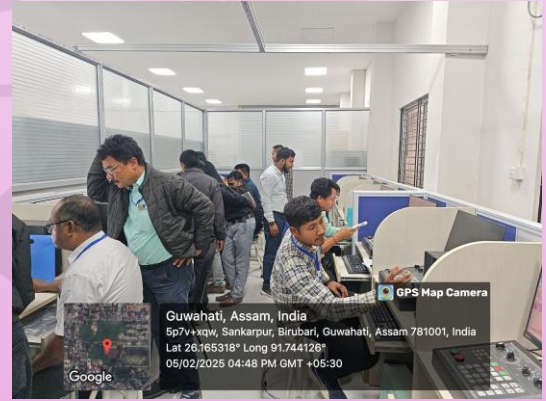


TRAININGS ORGANIZED

Faculty Development (Train the trainer) Program on CNC Technology

3rd-15th February, 2025

Assam Skill University organized a two-week faculty development program at its interim campus in Birubari, Guwahati. A total of 25 participants from 14 ITIs, including ITI Bhergaon, ITI Ballanguri, ITI Biswanath Chariali, ITI Kokrajhar, ITI Kazigaon, ITI Suklai, ITI Barpeta, ITI Nagaon, ITI Tinsukia, ITI Pathsala, ITI Jorhat, ITI Tezpur, and ITI Guwahati participated in the FDP. Along with in-house faculty, three resource persons from the Tool Room & Training Centre (TRTC)— Mr. Biswajit Mallick, Mr. Kamal Buragohain, Mr. Achindam Dey— delivered extensive lectures and provided hands-on training on CNC technology. Additionally, Mr. Shivanand Kumbhar, Principal of GTTC-Dharwad, and Mr. Shankar Gouda, Master Trainer & Production Head (CNC Turning & Milling) at GTTC-Bangalore also gave lectures. The participants also visited the under-construction main campus of ASU at Mangaldai on 12th Feb, 2025.



VISITS AT ASU INTERIM CAMPUS

Visit by Skill Employment & Entrepreneurship minister

12th June, 2024

The former Honorable Minister of Skill Employment & Entrepreneurship, Sjt. Jayanta Mallabaruah, visited the interim campus of Assam Skill University on June 12, 2024. The former minister addressed the faculty and staff of ASU, as well as the press. He discussed the importance of skill education in India and the relevance of ASU in North-East India.



Visit by Asian Development Bank officials

10th July, 2024

Officials from the Asian Development Bank (ADB) responsible for the Assam Skill University Project visited the interim campus of ASU on June 12, 2024. Three ADB representatives—Mr. Praveen Manikpuri, Senior Project Officer for Skills Development, Ms. Pallavi Kashyap, Senior Project Assistant in the Human and Social Development Sector Group, and Ms. Asako Maruyama, Senior Education Specialist in the Human and Social Development Division, South Asia Department—made the visit. They toured the infrastructure facilities of the interim campus and attended a progress presentation by the academic team of ASU.



VISITS AT ASU INTERIM CAMPUS

Visit by officials from Häme University of Applied Sciences - HAMK

15th -22nd October, 2024

Two experts from Häme University of Applied Sciences (HAMK), Finland, visited Assam Skill University from October 15 to 22, 2024. The purpose of their visit was to conduct a training needs analysis for the faculty and staff of the university. The experts, Ms. Virve Kallioniemi and Ms. Marja Laurikainen, interacted with both the ASU and ASUP teams to assess the training requirements of each individual.



Visit by Skill Employment & Entrepreneurship minister

22nd January, 2025

The current Honorable Minister of Skill Employment & Entrepreneurship, Sjt. Prasanta Phukan, visited the interim campus of Assam Skill University on January 22, 2025. During his visit, the honorable minister toured the Artificial Intelligence lab, Data Science lab, CNC Lab, and Road Construction Materials Lab of the university. He also distributed appointment letters to 32 students who received free training under the ASDM initiative and congratulated them on their job offers. Additionally, the honorable minister addressed the press, emphasizing the importance of skill education.



ACADEMIC ENGAGEMENTS

Board of Studies Meeting of Dept. of Information Technology

13th November, 2024

The first Board of Studies meeting for the IT department was held on November 13, 2024, focusing on the two courses: B.Tech in AI-ML and B.Tech in Cyber Security. The meeting was chaired by the academic head, Prof. (Dr.) Manoj Kumar Deka, and attended by all Board of Studies members from the Dept. of IT at ASU. The committee members included Prof. (Dr.) Hiren Kumar Deva Sarma from Gauhati University, Mr. Jitesh Choudhary from C-DAC, Mr. Jaideep Singh from Nokia, and Dr. Abdul Hannan from Assam Skill University.



Board of Studies Meeting of Dept. of Civil

24th January, 2025

The first Board of Studies meeting for the Civil Department was held on January 24, 2025, for the B.Tech course in Civil Engineering. The meeting was presided over by the academic head, Prof. (Dr.) Manoj Kumar Deka, and attended by all the Board of Studies members from the Dept. of Civil at ASU. The committee members included Prof. (Dr.) Jayanta Pathak and Prof. (Dr.) Binu Sharma from Assam Engineering College, Mr. Bhudeb Sarma from the Public Works Department Assam, and Bibhuti Bhushan Bhardwaj from Assam Skill University.



ACADEMIC ENGAGEMENTS

Board of Studies Meeting of Dept. of Applied Management

27th January, 2025

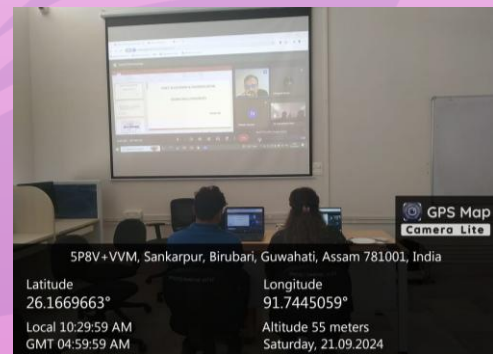
The first Board of Studies meeting for the Applied Management department was held to discuss six courses: BBA in Business Analytics in HR/Finance/Marketing, MBA in Business Analytics in HR/Finance/Marketing, BBA & MBA in Retail Management, BS in Banking Financial Service & Insurance, MS in Financial Services & FinTech, and BBA & MBA in Business Process Management. The meeting was chaired by the academic head, Prof. (Dr.) Manoj Kumar Deka, and attended by all the Board of Studies members from the Dept. of Applied Management at ASU. The committee members included Prof. (Dr.) Chandana Goswami and Prof. (Dr.) Chandan Goswami from Tezpur University, along with Mr. Deepesh Sirohia from Bharti Airtel Ltd., Mr. Nipam Deka from Jio, and Dr. Deep Jyoti Gurung from Assam Skill University.



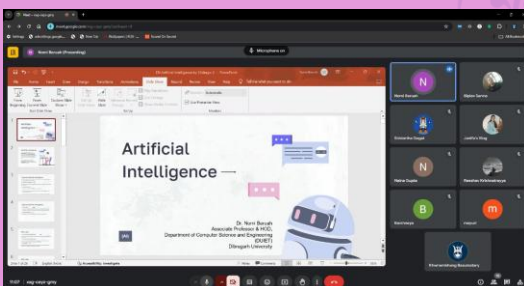
Guest Lectures



Dr. Ruby Das Bora, PWRD
13th August, 2024, Dept. of Civil



Mr. Saugat Das, Reserve Bank of India 21st
Sept, 2024
Dept. of Applied Management



Dr. Nomi Baruah. DUIET
9th -27th Oct, 2024

Other guest lecturer-
Ms. Jasmine Saikia,
Domain Skill Trainer, National Academy of
RUDSETI (Sep-Oct'2024)
Dept. of Applied Management

ACADEMIC ENGAGEMENTS

First counselling session of ASU

20th-21st June, 2024

The first counseling session for three PG certificate courses—Artificial Intelligence, Data Science, Banking and Financial Services & Insurance—and one certificate course in Road Construction Technology was held. A total of 26 students attended the counseling process in person and enrolled in the courses.



First Ph.D entrance examination of ASU

29th January, 2025

A total of 30 candidates appeared for the first Ph.D. entrance examination at Assam Skill University, seeking admission into three departments: Information Technology, Mechanical, and Applied Management. The successful candidates subsequently participated in personal interviews the following day, January 30, 2024. A total of 10 candidates were finally selected in three departments- IT (3 nos.), Mechanical (3 nos.), and Applied Management (4 nos.).



CELEBRATIONS

World Environment Day

5th June, 2024

World Environment Day was celebrated at the interim campus on June 5, 2024. The Honorable Vice Chancellor, Sjt. Shubhash Chandra Das, along with his academic and administrative teams and the ASUP team, planted a total of five trees within the campus.



Orientation Program for the first student batch of ASU

1st July, 2024

The academic team at Assam Skill University organized an orientation program for the first batch of students enrolled in the July 2024 session on July 1, 2024. Students from the four short-term and PG certificate courses attended the session and shared their expectations from ASU. The session aimed to create a welcoming environment and foster connections among students. Faculty members introduced the course structure, learning methodologies, and the institutional support available to students. Interactive activities were conducted to encourage student participation and enhance their engagement with peers and mentors.



CELEBRATIONS

Independence Day

15th August, 2024

Assam Skill University celebrated Independence Day on August 15, 2024, at its interim campus. The Indian national flag was hoisted by the Honorable Vice Chancellor, Shri S.C. Das, followed by his speech and light refreshments. Subsequently, an open quiz competition was held for students, staff, and teachers. A total of eight teams, each comprising two members, participated in the competition. The quiz was conducted by Dr. Shubhajit Das. The winners were—1st Prize: Debarshi Hazarika and Puja Doley, 2nd Prize: Manash Pratim Deka and Bhargav Hazarika, 3rd Prize: Bibhuti B. Bhardwaj and Smt. Sewali Patowari.



Teachers' Day

5th September, 2024

The students of the ASU interim campus organized a Teachers' Day program on September 5, 2024. The teacher fraternity, together with the students, celebrated the occasion by paying homage to late Dr. Sarvepalli Radhakrishnan. The event included sharing experiences by teachers and performances by students. Additionally, a tree plantation program was organized for the ASU teachers.



CELEBRATIONS

Viswakarma Puja

17th September, 2024

Assam Skill University celebrated the auspicious Viswakarma Puja on September 17, 2024, at its interim campus. The faculty and staff of the interim campus raised funds for this celebration. The puja was conducted in the workshop building, and lunch was served in the classroom complex.



Republic Day

26th January, 2025

The Republic Day of 2025 was celebrated at the ASU interim campus. The academic head, Prof. (Dr.) Manoj Kumar Deba, unfurled the national flag with assistance from the deputy registrar, Dr. Jagadish Nath. This was followed by light refreshments for all attendees.



VISIT BY ASU MEMBERS

TATA Electronics and Infosys at Bangaluru

21st February, 2024

Three officials from Assam Skill University, led by the Honorable Vice Chancellor, accompanied by Prof. (Dr.) Manoj Kumar Deka and Dr. Jagadish Nath, visited TATA Electronics in Tamil Nadu and Infosys in Bengaluru to explore opportunities for industrial collaboration.



Visit to the ASU main campus

9th April, 2024

The first batch of ASU employees, including the Professor, Asst. Professors, Sr. Instructors, Jr. Instructors, Dy. Registrar, Dy. Controller of Examination, and Accountant, visited the ASU main campus at Mangaldai for the first time while it was under construction.



World Skill Centre & Skill Development Institute, Bhubaneswar

4th & 9th June, 2024

Teachers from the mechanical department at ASU—Dr. Shubhajit Das (Assistant Professor), Mr. Kishor Kr. Deka (Senior Instructor), and Mr. Rizwan Siddique Choudhury (Junior Instructor)—visited the World Skill Centre, Bhubaneswar on June 4, 2024, and the Skill Development Institute, Bhubaneswar on June 9, 2024.



VISIT BY ASU MEMBERS

L&T Head Office, Chennai

12th July, 2024

Four officials from Assam Skill University, including Md. Hanif Noorani (Registrar), Dr. Shubhajit Das (Assistant Professor, Mechanical), Mr. Bibhuti B. Bhardwaj (Assistant Professor, Civil), and Mrs. Mousumi Sen (OSD, Training & Industry Collaboration), visited the L&T Head Office located at Mount Poonamallee Road, Manapakkam, Chennai-89 to discuss potential collaboration opportunities.



L&T Construction Skill training Institute (CSTI), Kanchipuram

13th July, 2024

Md. Hanif Noorani (Registrar), Dr. Shubhajit Das (Assistant Professor, Mechanical), Mr. Bibhuti B. Bhardwaj (Assistant Professor, Civil), and Mrs. Mousumi Sen (OSD, Training & Industry Collaboration) from Assam Skill University visited the Construction Skill Training Institute of L&T located in Kanchipuram, Tamil Nadu. They went to observe the various skill-based laboratories of L&T.



TRAININGS UNDERGONE BY ASU MEMBERS

Training on Direct Trainer Skills (DTS) course

12th -16th February, 2024

The first two faculty members of ASU, Prof. (Dr.) Manoj Kumar Deka and Mr. Bibhuti B. Bhardwaj, completed a five-day course on Direct Trainer Skills (DTS), sponsored by the Department of Personnel & Training (Government of India), at Assam Administrative Staff College, Khanapara, from February 12 to 16, 2024.



Training at Tool Room & Training Centre MSME – Tool Room, Bhubaneswar

29th May-14th June, 2024

The teachers from the Mechanical Department—Dr. Shubhajit Das (Assistant Professor), Mr. Kishor Jyoti Deka (Senior Instructor), and Mr. Rizwan Siddique Choudhury (Junior Instructor)—completed a two-week skill training on CNC technology at the Tool Room & Training Centre, MSME – Tool Room, Bhubaneswar.



Training at Fronius India Pvt. Ltd., Pune

11th -25th November, 2024

The instructors from the Mechanical Department, Mr. Kishor Jyoti Deka (Senior Instructor) and Mr. Rizwan Siddique Choudhury (Junior Instructor), completed a two-week ToT program on Welding Technology.





TRAININGS UNDERGONE BY ASU MEMBERS

One week Induction Program at Sri Viswakarma Skill University, Haryana

20th -24th May, 2024

The entire academic team of ASU, along with the Deputy Controller of Examination, completed a one-week induction program at Sri Viswakarma Skill University (SVSU), Haryana. The 14-member team attended theoretical sessions and visited all the laboratories of SVSU. The objective of the induction program was to familiarize newly recruited ASU members with skill-university conventions, including NSQF concepts, OJT assessment strategies, and industry-oriented course development. On the third day of the program, the team was taken for an industry visit to the JBM Motors plant in Hodal City, Haryana.



आसाम स्किल यूनिवर्सिटी का 14 सदस्य दल कौशल विश्वविद्यालय पहुंचा

अजय प्रताप सिंह

पलवल। आसाम स्किल यूनिवर्सिटी श्री विस्कर्म कौशल विश्वविद्यालय की तरफ पर अपना मौजूदा विकसित करने। इसी कड़ी में आसाम स्किल यूनिवर्सिटी के 14 अधिकारियों और शिक्षकों का एक दल दुधौला स्थित विश्वविद्यालय परिसर पहुंचा। विश्वविद्यालय के विरोध उन्हें एक सप्ताह का प्रशिक्षण देना। आसाम के अधिकारी स्किल एजुकेशन के माहौल को अनुभव करने। देश का पहला राजकीय कौशल विश्वविद्यालय होने के नाते श्री विस्कर्म कौशल विश्वविद्यालय स्किल एजुकेशन का लोकप्रिय माहौल बना हुआ है।

अधिकार कौशल विश्वविद्यालय द्वारा माहौल को बना कर रहे है। इस प्रतिनिधिमंडल के साथ यह पहुंचने पर आसाम के 14 सदस्यीय दल का भय स्वगत किया गया। कुलपति डा राज नेहरू ने इस प्रतिनिधिमंडल के साथ विभिन्न आयामों पर चर्चा की। विश्वविद्यालय की कुलसचिव प्रोफेसर ज्योति राणा ने आसाम से प्रतिनिधिमंडल को विश्वविद्यालय की कार्यप्रणाली और रूप रेखा को जानकारी दी।





PARTICIPATION BY ASU MEMBERS IN OUTSIDE EVENTS

Bharat Steam Boiler Expo 2024

5th -7th March, 2024

Representatives from Assam Skill University participated in the Bharat Steam Boiler Expo 2024, held at the Veterinary College Field in Guwahati, Assam. They actively engaged in promoting the university and its courses to the visitors at the expo.



Workshop on 'Quality Assurance in Indian Higher Education Institutions in North-East India'

21st -22nd March, 2024

Two faculty members from ASU, Prof. (Dr.) Manoj Kumar Deka and Dr. Shubhajit Das, participated in a two-day workshop on *Quality Assurance in Indian Higher Education Institutions in North-East India*, organized by the National Institute of Educational Planning and Administration and Gauhati University on March 21–22, 2024. They engaged in discussions and shared insights on enhancing educational standards and implementing effective quality assurance mechanisms in institutions across the Northeast India.



Networking Reception at Radisson Blu Hotel

24th September, 2024

Dr. Shubhajit Das and Dr. Deep Jyoti Gurung, faculty members of Assam Skill University were invited to networking reception organized by Ministry of Foreign Affairs of Thailand to discuss academic and research collaborations. Date: 24 September 2024. Venue: Radisson Blu Hotel, Guwahati



PARTICIPATION BY ASU MEMBERS IN OUTSIDE EVENTS

Northeast Startup Catalyst Program

27th -28th June, 2024

Dr. Shubhajit Das and Dr. Deep Jyoti Gurung from Assam Skill University participated in the Northeast Startup Catalyst Program at Assam Startup – The Nest, organized by the National Institute of Electronics & Information Technology (NIELIT) and the Ministry of Electronics and Information Technology on June 27–28, 2024.



Training of school vocational teachers under *Samagrasiksha Abhiyan*, Assam

July, 2024

The faculty members and instructors of Assam Skill University conducted training for school vocational teachers under the *Samagra Shiksha Abhiyan*, Assam in collaboration with Yuvaan Educative LLP throughout July 2024. The training sessions were held at Narengi.



PARTICIPATION BY ASU MEMBERS IN OUTSIDE EVENTS

SKIP National Seminar

25th October, 2024

Representatives from Assam Skill University attended the SKIP National Seminar on *Employability Gaps in National & Global Skills for a Sustainable Future*, organized by Assam Don Bosco University, Kharghuli Campus, on October 25, 2024. The Honorable Vice Chancellor of ASU, Sjt. Subhash Chandra Das, was invited as the chief guest, where he delivered a speech on the importance of skill education and bridging the gap between theory and practice in the education sector. Mrs. Pranami Borthakur, Skill Manager (ASUP), led a panel discussion on *Incubation Support for Young Entrepreneurs*.



Two-Day National Workshop on Vikshit Bharat@2047, NIT Meghalaya

15th -16th November, 2024

Three faculty members of ASU—Prof. (Dr.) Manoj Kumar Deka, Dr. Shubhajit Das, and Mr. Bibhuti B. Bhardwaj—attended a two-day National Workshop on *Vikshit Bharat@2047 – Atmanirbhar North East*, organized by NIT Meghalaya at its Cherrapunjee campus. The workshop focused on exploring ways to integrate traditional Indian knowledge into the education system under the New Education Policy 2020.



PARTICIPATION BY ASU MEMBERS IN OUTSIDE EVENTS

Career Guidance Workshops organized by employment exchange offices of different districts in Assam

October-December, 2024

Representatives from Assam Skill University periodically attended Career Guidance Workshops organized by employment exchange offices across various districts in Assam from October to December 2024. The first workshop was held in Golaghat on October 23, 2024, and the series concluded in Nalbari on December 27, 2024. During these sessions, representatives discussed the importance of skill education and skill universities in India, highlighting how skill-based learning differs from conventional education. They also elaborated on the vision of Assam Skill University, details of current and upcoming courses, enrollment procedures, and career opportunities available after course completion.



[Click here](#)
to watch the news clip



SCAN TO WATCH



Nagaon, 12th Nov'24



Barpeta, 14th Nov'24



Tezpur, 19th Nov'24



Guwahati, 22nd Nov'24



Dadara, 10th Dec'24



Nalbari, 27th Dec'24

PARTICIPATION BY ASU MEMBERS IN OUTSIDE EVENTS

Industry Meet 2024 at Radisson Blu Hotel

3rd December, 2024

On December 3, 2024, the Skill, Employment, and Entrepreneurship Department (SEED), Government of Assam, organized the landmark *Industry Meet 2024* on Skills, Employment, and Entrepreneurship at Radisson Blu, Guwahati. Representatives from Assam Skill University and the Assam Skill University Project participated in the meeting.



Industry Collaboration Workshop on Mobility & Logistics

22nd January, 2025

Prof. (Dr.) Anil Borah and Dr. Shubhajit Das participated in an Industry Collaboration Workshop on Mobility and Logistics, organized by the Confederation of Indian Industry (CII) in collaboration with Assam Skill University and the Government of Assam. It was held on January 21, 2025 at Chennai.



Industry Collaboration Workshop- Sector specific discussions

29th January, 2025

Assam Skill University, in collaboration with the Government of Assam, hosted an *Industry Collaboration Workshop* to discuss the syllabus for nine schools. Table-wise discussions were held for each school, where experts from specific disciplines shared their insights and industry requirements.



ACCOLADES

Successful completion of four certificate courses at the ASU interim campus

STUDENT STATISTICS

Assam Skill University launched four short-term courses in July 2024: a 6-month PG Certificate course in Artificial Intelligence, a 6-month PG Certificate course in Data Science, a 6-month PG Certificate course in Banking and Financial Services & Insurance, and a 3-month Certificate course in Road Construction Technology. The student enrollment 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	10	6
PG Certificate course in Data Science	7	3
PG Certificate course in Financial Services & Insurance	3	3
Certificate course in Road Construction Technology	6	6

CLASSES

Theory classes were primarily conducted by ASU faculty members.

Additionally, a few guest lectures were organized for the students— . For the paper on Statistics, a guest faculty member from Arya Vidyapeeth College was engaged.



Laboratory classes for the *Road Construction Technology* course were conducted at the Assam Road Research & Training Institute, Fatasil Ambari, as per an MoU, since the ASU laboratory was not ready at that time. For the remaining courses, laboratory classes were held at the ASU interim campus.

CLASSES



ASSESSMENT



INDUSTRIAL/SITE VISITS



ON-THE-JOB TRAINING



PLACEMENT INTERVIEWS





ACCOLADES

Success stories of students



Manash Pratim Deka
Course: Road Construction
 Technology
 Placed at "The Design Room"



Bhargov Haraika
Course: Road Construction
 Technology
 Placed at "The Design Room"



Naina Gupta
Course: Artificial Intelligence
 Placed at "Indus Towers"



Bakyrpang Synteng Nongdhar
Course: Road Construction
 Technology
 Site Engineer at "M/s Pathaw and
 Pristo Lyngdoh Nongbri
 Construction"



Samborlang Lyngdoh
Course: Road Construction
 Technology
 Site Engineer
 at "MegLIFE JICA"



Khwrwmkhang Basumatary
Course: Data Science
 Internship with
 fellowship at NIELIT for 6
 months



Janifa Mahenus
Course: Data Science
 Internship with
 fellowship at NIELIT for 6
 months



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 OR



to watch the video

ACCOLADES

Memorandum of Understanding (MoU) signed with different institutes



Assam Road Research & Training Institute

Date: 19th July, 2024



National Institute of Electronics & Information Technology, Guwahati

Date: 29th July, 2024



Tool Room & Training Centre, Guwahati

Date: 28th August, 2024



International Automobile Centre of Excellence

Date: 23rd October, 2024



Phillips Machine Tools India Pvt. Ltd.

Date: 27th August, 2024



Fronius India Pvt. Ltd.

Date: 29th August, 2024

ACCOLADES

Memorandum of Understanding (MoU) signed with different institutes



Kemppti India Pvt. Ltd.

Date: 6th September, 2024



Tata Consultancy Services Ltd.

Date: 27th August, 2024



Schnider Electric India Pvt. Ltd.

Date: 3rd September, 2024



Krishnaguru Adhyatmik Visvavidyalaya

Date: 30th December, 2024



Festo India Pvt. Ltd.

Date: 29th November, 2024



Scientech Technologies Pvt. Ltd.

Date: 21st November, 2024



ACCOLADES

Memorandum of Understanding (MoU) signed with different institutes



Finderbridge Tourism Private Limited

Date: 11th February, 2025



ABB India Pvt. Ltd.

Date: 29th November, 2024



IBM India Pvt. Ltd.

Date: 4th December, 2024



**Micromatic Machine Tools
Pvt. Ltd.**

Date: 20th November, 2024



**Centre for Development of
Advanced Computing : C-DAC**

Date: 26th October, 2024



**CoreEL Technologies
(India) Pvt. Ltd.**

Date: 22nd November, 2024



**HCL training and Staffing
Pvt. Ltd.**

Date: 4th August, 2024



Janatics India Pvt. Ltd.

Date: 18th November, 2024



Intel Corporation

Date: 1st December, 2024

ACCOLADES

Achievements by ASU members

Prof. (Dr.) Manoj Kumar Deka

- ❑ **Indian Science Festival-2024** was held at IIT Guwahati. The vibrant gathering of scientists, academicians, and students from various parts of the country has brought energy and excitement to North Guwahati. In this prestigious Science Festival Prof. (Dr.) Manoj Kumar Deka was invited as panellist to a panel discussion on 1st December,2024. In the presence of the Honorable Vice-Chancellor of Assam Science and Technology University, the Honorable Vice-Chancellor of Cotton University, eminent scientists from Gauhati University, Professors from IIT Guwahati, and representatives from various educational and research institutions across the country, Prof. Deka spoke on the topic of 'Skill Development and the Role of Educational Institutions.'



- ❑ **The National Science Seminar (NSS) 2024** was held at the Nehru Science Centre in Mumbai on November 26, 2024. The theme of the seminar was "Artificial Intelligence: Potentials & Concerns." Organized by the National Council of Science Museums (NCSM) in collaboration with the Education Departments and the Department of Science & Technology from various states and Union Territories, the seminar aimed to foster a spirit of scientific inquiry and analytical thinking among young students.

At this prestigious event, Prof. Manoj Kumar Deka was selected as one of only five jury members chosen across the country. Notably, he shared the platform as a jury member for the National Science Program at Nehru Science Centre, Mumbai, alongside the eminent writer and scientist Yashavant P. Kanetkar. Kanetkar is the author of the highly popular book Let Us C, which is regarded as a bible for students of computer programming across disciplines. This is a proud moment for Assam Skill University, as a member of the institution had the opportunity to contribute to such a distinguished national platform.



Achievements by ASU members

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

- Smart Computer, Sarthebari is a notable example of an educational startup. There is ample evidence of how small efforts collectively lay the foundation for significant achievements, and this initiative exemplifies that principle by growing while embracing a broader objective. As part of its commitment to skill development, Smart Computer, Sarthebari invited Prof. Manoj Kumar Deka and Gauhati University's Assistant Professor Dr. Vaskar Deka to a workshop on skill development.



Assam Skill University remains dedicated to empowering the youth of Assam with the necessary skills for self-employment. Accepting and attending the request from Smart Computer, Sarthebari serves as a strong testament to this commitment.

- On October 8, 2024, Prof. Manoj Kumar Deka was invited as a jury member for the **Science Discussion Circle 2024**, organized by the National Science Centre, Assam. The event featured participants from nearly every district of Assam, with two representatives from each district who had secured their place by winning district-level competitions. The competitive spirit and dedication displayed by students from grades 8 to 10, along with their in-depth understanding of the topics, were truly commendable. The winner travelled to Mumbai in November, 2024 to represent Assam, while the remaining six participants received encouragement awards



- Served as an expert member of the Faculty Interview Committee at Dibrugarh University
- Served as the Vice-Chancellor's nominee of Bodoland University for faculty interviews under Bodoland University
- Acted as an external reviewer for four Ph.D. theses at Gauhati University.

ACCOLADES

Achievements by ASU members

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

- With financial support from the Ministry of Electronics and Information Technology and in collaboration with the BTR government, CDAC-Kolkata is training over 100 human resources in Masalpur. These individuals are learning technical skills using computing systems to increase production and profits in the manufacturing of items such as *gamocha*, *aronai*, *mekhela chadar*, and *dokhona*, enabling faster and higher output. Now, they are in need of market opportunities.

At an event attended by the Deputy Commissioner of Baksa district, the Joint Secretary of the BTR government, the Regional Director of C-DAC Kolkata, the Additional Director of the Assam government's Handloom and Textile Department, and the Regional Manager of NABARD, Prof. Manoj Kumar Deka has joined as an expert speaker and he explained how Artificial Intelligence can be applied in such technical training.

- Prof. Manoj Deka was invited as an Expert Speaker for the Training of Teachers on the Implementation of Vocational Education at the Middle Stage, organized in accordance with the National Curriculum Framework for School Education (NCFSE) 2023 for Grades 6–8. The program was held from February 5th to 7th, 2025, at the Indian Institute of Entrepreneurship (IIE), Guwahati. The training aimed to equip teachers with the necessary skills and knowledge to effectively implement vocational education at the middle school level, aligning with the latest national education policies.

- Prof. Manoj Kumar Deka was invited as a keynote speaker at the ICSSR-NERC-sponsored National Seminar on Influence of Artificial Intelligence in Shaping Political Behaviour of Citizens, organized by Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Darrang. The seminar, held on February 10, 2025, brought together academicians, researchers, and policymakers to discuss the growing role of artificial intelligence in influencing political discourse and decision-making. Prof. Deka, in his keynote address, highlighted the transformative impact of AI-driven algorithms, social media analytics, and predictive modeling on voter behavior, policy-making, and democratic processes. The event served as a platform for intellectual discourse on the ethical, social, and political implications of AI in governance, emphasizing the need for responsible and transparent technological integration in democratic systems.



ACCOLADES

Achievements by ASU members

Mr. Bibhuti Bhushan Bhardwaj

- ❑ Appointed as an observer by Assam Science and Technology University (ASTU) for the Combined Entrance Examination (CEE)- 2024 in Nalbari Zone (1st and 2nd June, 2024)
- ❑ Appointed as teaching assistant by IIT Madras Centre for Outreach and Digital education (CODE) program - Construction Technology and Management - Cohort 2 (July-2024), Cohort 3 (December-2024)
- ❑ Invited as external evaluator of technical presentations submitted by intended parties for the implementation of Skill Education under *Samagra Shiksha*, Office of the Mission Director, Kahilipara (30th January, 2025)

Dr. Deep Jyoti Gurung

- ❑ Invited as a guest in a radio program by All India Radio (Akashvani, Itanagar) on the occasion of World Youth Skills Day (12th Jul'24)
- ❑ Invited as a resource person for a workshop titled "AI-Based Fintech Solution for Bodoland Territorial Region (BTR)," organized by the Central Institute of Technology, Kokrajhar (5th Sep'24)
- ❑ Invited as a resource person for an expert session with Innovation and Startup Ecosystem Enablers of the Region, organized by the Institution's Innovation Council and the Department of Accountancy of R.G. Baruah College, Guwahati (31st Aug'24)
- ❑ Invited as Resource Person on a seminar on the topic Systematic Literature Review organized by Indian Economic Association in collaboration with International Goodwill Society of India (13th Jul'24).
- ❑ As an Editorial Board Member of International Journal of Tourism Cities, Dr. Deep Jyoti Gurung reviewed 3 research papers from May 2024 to October 2024 and acted as a blind reviewer for the journal Current Issues in Tourism in January, 2025.
- ❑ Appointed as an expert panel member by Arunachal Pradesh University, Pasighat, Arunachal Pradesh.



ACCOLADES

Achievements by ASU members

Dr. Shubhajit Das

- ❑ Project title 'Mechanical characterization of tungsten-biochar composite material' bearing project code SEED/2024-25/07 under University SEED Grant of Girijananda Chowdhury University (GCU) granted as Co-Principal Investigator on 17th January 2025
- ❑ Invited as an external examiner for the B.Tech 8th semester Mechanical Engineering Department Grand Viva Voce-II Examination at Girijananda Chowdhury University, Assam on 27.05.2024.
- ❑ Conducted a career counselling session for B.Tech Mechanical Engineering students organized by the Training and Placement Department at Assam Don Bosco University on 11.09.2024
- ❑ Conducted a session for Inservice & Induction Training for Vocational Trainers under National Skills Qualification Framework for Automotive Trade conducted by Yuvaan Educative LLP at Kanya Mahavidyalaya on 19.07.2024
- ❑ Acted as a reviewer in the 3rd International Conference on Sustainable Technologies and Advances in Automation, Aerospace and Robotics (STAAAR 2024) held at VIT Bhopal University, Bhopal from 13th -14th December 2024
- ❑ Acted as a reviewer for the journal Industrial Lubrication and Tribology, Emerald Publishing during January 2025



Dr. Abdul Hannan

- ❑ Invited as a Session Chair at the 3rd International Conference on Data Science and Management (ICDSM 2024), jointly organized by SMIT, Sikkim, and Reva University, Bengaluru.
- ❑ Invited as a Reviewer for the 8th International Conference on Computing, Communication, Control, and Automation (ICCUBEA 2024), organized by Pimpri Chinchwad College of Engineering, Pune.
- ❑ Received an invitation from Yuvaan LLP to deliver a lecture on Data Security and Privacy.



ACCOLADES

List of Academic Publications

- ❑ **Sikha Rani Baishya**, & Choudhury, S. (2024). Impact of Affective and Cognitive Appraisal on Recommendation Behavior and Engagement in Informal Complaints: Evidence from Indian Auto Sector, 23(2),95-118.
- ❑ **Sikha Rani Baishya**, & Choudhury, S. (2024). Influence of Emotion on Need Generation and Purchase Intention Among Car Buyers: An Empirical Study, 21(3), 35-52.
- ❑ **Bibhuti Bhushan Bhardwaj** and Singh, S. (2024). Evaluation of the Failure Planes in Concrete containing Reclaimed Asphalt Pavement (RAP) Aggregates. Cement and Concrete Composites, Volume 145, 105334, DOI: <https://doi.org/10.1016/j.cemconcomp.2023.105334> [Impact Factor: 10.8]
- ❑ **Bibhuti Bhushan Bhardwaj**, Singh, S., and Naik, B.P. (2024). Suitability Assessment of Alternative Sands for Concrete Pavement Applications. Journal of Materials in Civil Engineering. Volume 36, Issue 5, American Society of Civil Engineers (ASCE), DOI: <https://doi.org/10.1061/JMCEE7.MTENG-17163> [Impact Factor: 3.6]
- ❑ **Kamaleswar Boro**, Goswami, C., Kumar, N., Sharma, S., & Das, S. (2024). Tourist Decision to Visit a Destination through eWOM Information: An UTAUT Approach Study in Indian Context. Journal of Tourism, Hospitality & Culinary Arts, 16(3), 155-176.
- ❑ Brahma, P., Borsaikia, T., **Deep Jyoti Gurung**, Goswami, C., & Barman, P. D. (2024). Conserving Vulnerable Species Using Traditional Knowledge System and Avitourism: Women's Role in Achieving Sustainable Development Goals. In A. Bhattacharjee (Ed.), Indigenous Knowledge System - Beliefs and Practices (1st ed., Vol. 1, pp. 303–325). essay, IIP Iterative International Publishers.
- ❑ **Kishor Jyoti Deka**, **Shubhajit Das**, & Das, S. (2024). Experimental analysis and optimization of microwave welding parameters for improved joint strength. 373-388. Chapter 18 in the book titled 'Advanced Welding Technologies' by Sandip Kumar and Gurudas Mandal (eds.). Scrivener Publishing LLC.
- ❑ **Manoj Kumar Deka** & et al. (2024). A Review on Recognition of Dialect and Tone by using Machine Learning and Deep Learning: Science and Technology Journal, 12(1), :98-106.
- ❑ **Manoj Kumar Deka** & et al. (2024). A Review on Optimizing Organic Waste Management and Income Generation through Vermicomposting and AI-Powered Vermicomposting: Insights from Guwahati, Assam: International Journal of Advanced Trends in Computer Science and Engineering, 13(6), :103-209.
- ❑ **Manoj Kumar Deka** & et al. (2024) Enhanced Signal Decomposition Using Golay-Optimized Empirical Mode Decomposition (Go-EMD): International conference on Recent Progresses in Science, Engineer and technology (IRCRPSET 2024),Bangladesh
- ❑ **Deep Jyoti Gurung**, Brahma, P., Goswami, C.(2024). Sustainable Luxury Tourism, Reference Module in Social Sciences, Elsevier, <https://doi.org/10.1016/B978-0-443-13701-3.00265-6>
- ❑ Jaison, A., Thomas, E., & **Deep Jyoti Gurung** (2024). Navigating the global path: Internationalization of family business: A perspective Article. PIMT Journal of Research, 16(02), 13–16.
- ❑ Thoker, A.M., **Bibhuti Bhushan Bhardwaj**, & Vivek (2025). Assessment of Walnut Shell Powder as Alternative to Filler in Rigid Pavement. 3rd International Conference on Transportation Infrastructure Projects: Conception to Execution (TIPCE 2025), IIT Roorkee [Accepted]
- ❑ Yogeshwaran,K., Nagarjun J., Mohanty, P. K., **Shubhajit Das** (2024). Transforming electronic waste into a sustainable 3D printing filaments using polylactic acid. Institution of Mechanical Engineers Part C: Journal of Mechanical Engineering Science, 1-18, <https://doi.org/10.1177/09544062241301594>
- ❑ Yogeshwaran K., **Shubhajit Das** (2024). Additive Manufacturing of tools and dies for Metal Forming applications. 343-372. 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.
- ❑ Yogeshwaran K., Mohanty, P. K., Nagarjun J., **Shubhajit Das** (2025). Enhancing 3D printing with composite filaments incorporating electronic waste: A study on Flexural and Compression strength. International Polymer Processing [Ref.: Ms. No. ipp-2024-0090R2, accepted, in press]



ACCOLADES

Creative Writings

...অনুশীলন-অধ্যবসায় আৰু আপ্ৰাণ প্ৰচেষ্টা কৰি কৰি কোনো এটা বিষয়ত কোনো মানুহে যেতিয়া সারলীলাত অৰ্জন কৰে, সেয়াই হৈ পৰে সেই বিষয়ত সেই মানুহজনৰ দক্ষতা। আৰু এবাৰ দক্ষতা অৰ্জন হ'লে দক্ষতা অৰ্জনকাৰীজনৰ বাবে উক্ত কাম হৈ পৰে নিজৰ নিউবেল-নেটৱৰ্কৰ আয়ত্তাধীন। আৰু এবাৰ মানুহ এজনৰ বাবে কোনো বিষয় তেওঁৰ নিজৰ নিউবেল-নেটৱৰ্কৰ আয়ত্তাধীন হৈ পৰিলে উক্ত বিষয় তেওঁৰ বাবে যেন হৈ পৰে প্ৰকৃতিপ্ৰস্তুত...

অসম দক্ষতা বিশ্ববিদ্যালয়ৰ প্ৰসংগ

দক্ষতা বিকাশ পাঠ্যক্ৰমৰ প্ৰয়োজনীয়তা



দক্ষতা আৰু প্ৰতিভাৰ মাজত পাৰ্থক্য আছেনে? উত্তৰটো হ'ল হ'ল আৰু।

ড° মনোজ কুমাৰ ডেকা

প্ৰতিভা হ'ল নিজৰ মাজত নিহিত হৈ থকা প্ৰাণশক্তিৰ স্বৰূপ। এই প্ৰাণশক্তি বিয়ৰংগকৈ প্ৰকাশিত হ'লে প্ৰতিভা বুলি কোৱা হয়। প্ৰতিভা হ'ল নিজৰ মাজত নিহিত হৈ থকা প্ৰাণশক্তিৰ স্বৰূপ। এই প্ৰাণশক্তি বিয়ৰংগকৈ প্ৰকাশিত হ'লে প্ৰতিভা বুলি কোৱা হয়।

পৰা সপ্তম শ্ৰেণীলৈ: মাধ্যমিক শিক্ষা (৩) অষ্টম শ্ৰেণীৰ পৰা দশম শ্ৰেণীলৈ: উচ্চ-মাধ্যমিক শিক্ষা (৪) একাদশ আৰু দ্বাদশ শ্ৰেণী: উচ্চতম-মাধ্যমিক শিক্ষা (৫) শ্ৰান্ত, স্নাতকোত্তৰ, পি এছ ডি ইত্যাদি: উচ্চ শিক্ষা

কটন সেয়া কৰিও বিশ্ববিদ্যালয় প্ৰাপ্তপতে সফলতা পৰ্যায়ৰ বিদ্যালয় বুলিব লাগিব। উপযুক্ত শিক্ষক-প্ৰশিক্ষকৰ দ্বাৰা প্ৰকৃতিগত-অক্ষমত প্ৰতিভাৰো চিনাক্ত কৰি দক্ষতালৈ ৰূপান্তৰিত কৰিবলৈ।

প্ৰতিভাৰ পূৰ্ণ বিকাশ ঘটাই উক্ত বিষয়ত বিশেষ দক্ষতা বিকাশ কৰাৰ মনাই হ'ল দক্ষতা অৰ্জন। সেয়ে দক্ষতা হ'ল যোৱাৰ বিষয়ত নিজৰ প্ৰতিভা বিকাশ কৰাৰ অধিকতৰ ব্যৱস্থা।

ইতিহাসে জনকৰ প্ৰশংসাতীৰ্থ বৰষুণ সাময়িক দৌৰি নেতৃত্ব দক্ষতা বিকাশৰ ব্যৱস্থাত।

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কোনো এখন শিক্ষানুষ্ঠানৰ দ্বাৰা দক্ষতা বিকাশ কৰিব পৰা যাবনে? উত্তৰটো হ'ল হৈছে কোনো শিক্ষানুষ্ঠান দক্ষতা বিকাশ কৰিব নোৱাৰে।

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দক্ষতা বিকাশৰ এই কাম আৰম্ভ হ'ব লাগিব বৃদ্ধিমূলী বিদ্যালয় পৰ্যায়ৰ পৰা বিশ্ববিদ্যালয়পৰ্যন্ত।

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দক্ষতা বিকাশৰ এই কাম আৰম্ভ হ'ব লাগিব বৃদ্ধিমূলী বিদ্যালয় পৰ্যায়ৰ পৰা বিশ্ববিদ্যালয়পৰ্যন্ত।

দক্ষতা বিকাশত শিক্ষানুষ্ঠানে জালপন কেনেদৰে আনিব? আমাৰ শিক্ষা ব্যৱস্থাত পাঁচটা তৰপ আছে—

দক্ষতা বিকাশত শিক্ষানুষ্ঠানে জালপন কেনেদৰে আনিব? আমাৰ শিক্ষা ব্যৱস্থাত পাঁচটা তৰপ আছে—

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Gplus | Oct 19 - Oct 25, 2024

Skill Universities- The future of India's demographic dividend

DR. SHUBHAJIT DAS, Assistant Professor, Assam Skill University | SAUGAT DAS, Research Scholar, Indian Institute of Technology, Kharagpur

India stands on the cusp of a demographic dividend with a median age of around 28 years, offering immense potential to drive economic growth. The evolving job market, however, demands a workforce that is not only educated but also highly skilled and ready to contribute from day one.

Supporting Regional Development: By establishing Skill Universities in various states, including Assam, Gujarat, Haryana, and Maharashtra, the government ensures that skill development initiatives reach every corner of the country.

The role of Skill Universities is distinct from that of ITIs, polytechnics, and engineering colleges in several ways: Practical Focus: While conventional institutions often emphasize theoretical knowledge, Skill Universities prioritise practical, hands-on learning that is directly applicable in the workplace.

1. Bridging the Gap Between Education and Employment: Unlike conventional universities, Skill Universities focus on creating employable resources. By offering industry-relevant training, they ensure that students are job-ready from the moment they complete the relevant courses.

2. Promoting Entrepreneurship: In line with the Atma Nirbhar Bharat initiative, Skill Universities play a key role in fostering entrepreneurship. By equipping students with practical skills and an entrepreneurial mindset, these universities empower graduates to create their own ventures.

3. Focus on Industry Collaboration: Skill Universities maintain close ties with industries to stay updated on the latest trends and technological advancements. This ensures that the skills imparted are aligned with industry needs.

4. Inclusive Education: As per an Ernst & Young report on India@2030, nearly 49% of enrolment in higher education consists of female students. Skill Universities, with their focus on practical training and flexible learning models, have the potential to increase women's participation in the workforce.

5. Supporting Regional Development: By establishing Skill Universities in various states, including Assam, Gujarat, Haryana, and Maharashtra, the government ensures that skill development initiatives reach every corner of the country.

(All thoughts and views expressed are the author's own.)

Issue of water falling from flyovers in Guwahati Letter to the Editor
Dear Editor, I am writing this letter to bring to your attention the issue of water falling from flyovers onto the roads below. This situation is not only causing damage to the streets but is also at times posing safety risks for commuters and pedestrians through those roads.

Written by- Prof. (Dr.) Manoj Kumar Deka
Published on- Niyomiya Barta (2nd November, 2024)

Written by- Dr. Shubhajit Das
Published on- Gplus (19th-25th October, 2024)



ACCOLADES

Creative Writings

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A Review on Recognition of Dialect and Tone by using Machine and Deep Learning

Gwgm Borgoyary¹, Manoj Kumar Deka², Lahmingliana³, R. Lalchhanhima⁴, and Vaskar Deka^{5*}

¹Department of Computer Science and Technology, Bodoland University, Assam, India

²Department of Information Technology, Assam Skill University, Assam, India

³Dept. of Information Technology, Mizoram University, Mizoram, India

⁴Dept. of Information Technology, Gauhati University, Assam, India

E-Mail: ¹gwgm96@gmail.com, ²manoj.deka1@gmail.com, ³lahmingliana@mzu.edu.in,

⁴chhana@mzu.edu.in, ⁵vaskardeka@gauhati.ac.in*

*Corresponding Author

Abstract—The rapid advancement of machine and deep learning techniques has fueled unprecedented progress in natural language processing (NLP) applications. This paper provides a comprehensive review of the state-of-the-art methods employed in the recognition of dialects and tones within linguistic communication. Dialects and tones play a pivotal role in shaping the nuances and cultural variations of language, making their accurate identification crucial for effective communication, and understanding. The paper begins by surveying traditional approaches to dialect and tone recognition, highlighting the limitations and challenges associated with rule-based and statistical methods. Subsequently, it delves into the transformative impact of machine learning algorithms in this domain, emphasizing the advantages of data-driven approaches in handling the inherent complexity of linguistic variations. The discussion encompasses various machine learning techniques, including support vector machines, decision trees, and k-nearest neighbors, applied to dialect and tone recognition. Furthermore, the paper explores the recent surge in the application of deep learning models, such as recurrent neural networks (RNNs), convolutional neural networks (CNNs), and transformer-based architectures, in capturing intricate patterns within linguistic data. The effectiveness of these models in discerning subtle nuances in dialects and tones is analyzed, along with insights into the challenges posed by limited labeled datasets and the need for domain adaptation. In conclusion, this paper provides a comprehensive overview of the evolving landscape of dialect and tone recognition, shedding light on the significant contributions made by machine and deep learning methodologies. The challenges, opportunities, and future directions in this burgeoning field are outlined, offering a roadmap for researchers and practitioners aiming to enhance the accuracy and applicability of dialect and tone recognition systems in diverse linguistic settings.

Keywords: Dialect, Tone, Tonal word, MFCC, Formant Frequency, Pitch Frequency, Neural Network (ANN), Speech Recognition (SR)



Data Science: The future

continues to grow, making data science one of the most sought-after fields in today's job market.

For students considering their future careers, Data Science offers a world of possibilities. Some of the key roles in the field include:

- **Data Scientist:** Professionals who design algorithms and build models to solve complex problems.
- **Data Analyst:** Experts in interpreting data and providing actionable insights.
- **Machine Learning Engineers:** Technologists who create systems that learn from data to make predictions.
- **Data Engineer:** Specialists who manage and optimize data infrastructure.
- **Business Intelligence Analyst:** Professionals who bridge the gap between data and decision-making.

No matter your background – whether you're passionate about technology, healthcare, business, or the environment – data science has a place for you. The beauty of data science is that it's interdisciplinary. You don't have to be a computer science expert to join the field. With the right training and determination, anyone can learn the necessary skills to become a Data Science professional.

For students interested in pursuing a career in data science, some essential skills include:

- **Basic idea of programming languages**
- **Statistics and mathematics** (analytical and interpret data)
- **Machine learning** to create predictive models and algorithms
- **Data visualization** tools like Tableau or Power BI to present data insights clearly
- **Problem-solving and critical thinking** to identify patterns and solutions

Why is Data Science an attractive career choice?

1. **High Demand:** The need for data scientists is skyrocketing. According to industry reports, job postings for data-related roles rise at a small time high, and salaries reflect this strong demand.
2. **Career Flexibility:** Data scientists can work in almost any industry. Whether you're passionate about technology, healthcare, entertainment, or e-commerce, data science can help you find your niche.
3. **Impactful Work:** Data scientists have the power to change the world. From solving pressing global issues like climate change to revolutionizing healthcare and transforming business operations, data science allows you to make a real-world impact.
4. **Continual Learning:** The field of data science is always evolving. New tools, techniques, and trends emerge regularly, making it a career path that encourages lifelong learning and innovation.

As technology continues to advance and data becomes even more integral to every facet of life, the role of Data Science will only grow. Whether you're looking for a high-demand, well-paying job, or the chance to work on solutions that could change the world, Data Science offers it all.

BIPLAV SARMA,
Senior Instructor,
Department of IT,
Assam Skill University, Mangaloti

In recent years, data science has become a cornerstone of the aviation industry, revolutionising everything from flight operations and safety to passenger experience and maintenance. With the growing volume of data generated by airlines, airports, aircraft, and passengers, data science offers powerful tools to optimise operations, reduce costs, enhance safety, and provide more personalised services.

In the age of digital transformation, data science has become a driving force in the entertainment industry also. From film studios and music production to video games and live events, data science plays a key role in enhancing audience experience, improving content creation, and optimising business operations. As the industry generates vast amounts of data, the ability to analyse, interpret, and leverage this information is highly competitive, requiring a mix of technical, creative, and innovative skills.

Data Science is at the core of this transformation, enabling e-commerce businesses to make data-driven decisions, enhance customer experiences, optimise operations, and drive growth. From personalised shopping experiences to predictive analytics, the role of Data Science in e-commerce is reshaping the industry in ways that were once unimaginable.

As more organisations recognise the importance of data in their operations, the need for skilled data professionals

recommendations and improve customer experiences.

In the age of digital transformation, data science has become a driving force in the entertainment industry also. From film studios and music production to video games and live events, data science plays a key role in enhancing audience experience, improving content creation, and optimising business operations. As the industry generates vast amounts of data, the ability to analyse, interpret, and leverage this information is highly competitive, requiring a mix of technical, creative, and innovative skills.

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As more organisations recognise the importance of data in their operations, the need for skilled data professionals

Written by- Mr. Biplav Sarma
Published on- Assam Tribune (17th Jan'25)

MISCELLANEOUS EVENTS

Joining of the first faculty member at Assam Skill University

Date: 19th January, 2025



Prof. (Dr.) Manoj Kumar Deka joined as the first faculty as well as professor of Assam Skill University on 19th January, 2024. Previously he was working as an Associate Professor and Head of the Department of Computer Science & Technology at Bodoland University

MISCELLANEOUS EVENTS

Welcome ceremony of newly joined professors

Date: 4th February, 2025



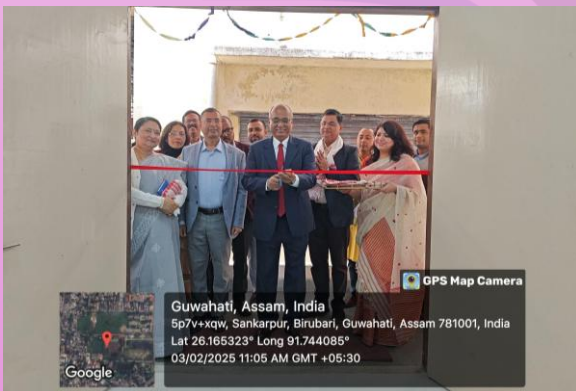
Inauguration of Road Construction Materials Lab

Date: 17th September, 2024



Inauguration of CNC & Simulation Lab

Date: 3rd February, 2025



Training Needs Assessment (TNA) Session

Date: 20th August, 2024



MISCELLANEOUS EVENTS

Farewell session of Smt. Rituparna Chakrabarty, ACS, Former Registrar

Date: 23rd July, 2024



Farewell session of Ms. Ampreet Kaur, Jr. Assistant

Date: 11th July, 2024



Farewell session of Mr. Mrigen Sarma, Former Sr. Instructor (Civil)

Date: 13th August, 2024



Farewell session of Dr. Biswadeep Bharali, Former Sr. Instructor (Civil)

Date: 31st May, 2024





MISCELLANEOUS EVENTS

3-Day Faculty Orientation Program by Wadhvani Foundation

Date: 20th-22nd November, 2024



PICTURE GALLERY



Guwahati, Assam, India
5p7v+xqw, Sankarpur, Birubari, Guwahati, Assam
781001, India
Lat 26.165544° Long 91.744763°
10/02/2025 12:08 PM GMT +05:30

Visit by Shri VLVSS Subba Rao,
Vice Chancellor of Young India
Skills University, Telangana, 10th
Feb'24



A few ASU members sharing a light
moment, 12th Dec'24



ASU members playing badminton on
Republic Day, 26th Jan'25



The interim campus illuminated on
the eve of Deepawali, 31st Oct'24



Fire drill session at ASU interim
campus, 17th Aug'24



Two snakes were
caught inside the
ASU interim
campus on July 6th
& 7th, 2024
*The snakes were
later handed over
to the zoo staff*



PICTURE GALLERY

View of the main campus as on 31st Jan'25



Future Projection: 3D Rendered View





ONGOING PROGRAMS

At ASU interim campus, Birubari, Guwahati-16

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
- PG Certificate course in Financial Services & Insurance

CERTIFICATE COURSES

- Certificate course in CNC Technology
- Certificate course in Road Construction Technology

PROGRAMS TO BE OFFERED FROM JULY, 2025

At ASU Main campus, Mangaldai, Darrang

POSTGRADUATE PROGRAMS

- M.Tech in VLSI System Design
- Master of Business Administration
- M.Tech in Electric Vehicle Technology
- Master of Science in Food Technology
- Master of Tourism & Travel Management

UNDERGRADUATE PROGRAMS

- B.Tech in Civil Engineering
- B.Tech in Mechanical Engineering
- B.Tech in Computer Science & Engineering (AI-ML)
- B.Tech in Computer Science & Engineering (Cyber Security)

DIPLOMA PROGRAM

- Diploma in Digital Manufacturing Technology

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



ASSAM SKILL UNIVERSITY TEAM



Dr. Himanta Biswa Sarma, Honourable Chief Minister (Assam)
Chancellor



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

Administrative Unit



Md. Hanif Noorani, ACS
Registrar



Dr. Jagadish Nath
Deputy Registrar



Dr. Kashyap Mahanta
Deputy Controller of Examination



Smt. Sewali Patowari
Asst. Librarian



Mr. Raktimabh Kakati
Administrative Officer



Mr. Rupankar Sarma
Programme Cum System Analyst



Mr. Gaurav Goswami
Accountant



Prof. (Dr.) Manoj Kumar Deka
Academic Head & Professor (IT)



Prof. (Dr.) Anil Borah
Professor (Mechanical)



Prof. (Dr.) Chandana Goswami
Professor (Applied Management)



Dr. Shubhajit Das
Asst. Professor
(Mechanical)



Mr. Bibhuti B. Bhardwaj
Asst. Professor
(Civil)



Dr. Deep Jyoti Gurung
Asst. Professor
(Applied Management)



Dr. Abdul Hannan
Asst. Professor
(IT)



Dr. Sikha Rani Baishya
Sr. Instructor
(Applied Management)



Mr. Kishor Jyoti Deka
Sr. Instructor
(Mechanical)



Mr. Biplav Sarma
Sr. Instructor
(IT)



Mr. Rizwan Siddik Choudhury
Jr. Instructor
(Mechanical)



Ms. Barshneya Talukdar
Jr. Instructor
(IT)



Dr. Kamaleswar Boro
Jr. Instructor
(Appl Management)



Mr. Arup Sarkar
Jr. Instructor
(Civil)



Skill-Pulse

Newsletter of Assam Skill University



For more details about the university,
visit-

www.asu.ac.in

OR



Chief-advisor:

Shri Subhash Chandra Das, Vice Chancellor, ASU

Advisor:

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

Editor:

Bibhuti Bhushan Bhardwaj, Asst. Professor, ASU

Associate Editors:

Dr. Shubhajit Das, Asst. Professor, ASU

Dr. Deep Jyoti Gurung, Asst. Professor, ASU

Dr. Abdul Hannan, Asst. Professor, ASU

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City Office

3rd Floor, DECT Office Complex
AK Azad Road
Rehabari, Guwahati-781008

Interim Campus

Assam Skill University
Inside ITI Guwahati
Birubari, Guwahati-781016

Main Campus (under construction):

Assam Skill University, Mangaldai, Darrang, Assam-784125

