

To,

The Principal  
Pandu College  
Guwahati

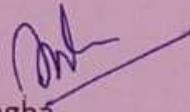
Sub : Industry/ Organization visit of BCA students.

Sir,

We are pleased to inform you that the Dept of Computer Science and Application is preparing for Industry / Organization visit to Tool Room and Training Centre on 16/02/2024.

So, I request you to allow both students and faculty members of the department to visit there so that our students can learn the various software tools and machineries that are used in Industries.

With regards,



Bhaskar Singha

Dept of Computer Sc and Application

Pandu College

Allowed

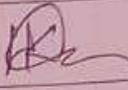
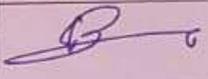
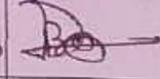
ASB  
16/2/24

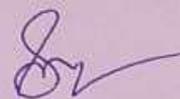
List of students who were present the Industry / Office visit

SL. NO.	NAME	SEMESTER	PHONE NO.	SIGNATURE
01	Rohit Sharma	B.C.A 2 <sup>nd</sup>	9395023285	Rohit
02	Abhishek Mazumder	B.C.A 2 <sup>nd</sup>	6900931312	Abhishek
03	Pragna Singha	B.C.A. 2 <sup>nd</sup>	6900268992	Pragna Singha
04	Koniskajit Malakar	"	9822814572	
05	Amineer Islam	"	7707521712	Amineer
06	Ronit Bhowmick	"	9201818730	Ronit
07	Mainmay Nath	"	8638939490	Mainmay
08	Gourav Dutta	"	8723962503	Gourav
09	Amit Debnath	"	8822816658	Amit Debnath
10	Uttam Sharma	"	7000585592	Uttam Sharma
11	Banashree Bhuyan	"	9395324346	Banashree
12.	Aditi Roy	"	7576069213	Aditi Roy.
13.	Arishika Chakraborty	"	6026672481	Arishika Chakraborty
14.	Iswar Chetoi	"	6001394896	Iswar Chetoi
15	Sukaj Chand Daimary	"	8453729498	Sukaj Chand Daimary
16	Piyush K.S. Jha	BCA 4 <sup>th</sup> Sem	8099084662	Piyush K.S.
17	Kamal Hekki	"	600394837	Kamal

Tool Room Training Centre  
Amingaon, Guwahati

List of students who were present the Industry / Office visit

SL. NO.	NAME	SEMESTER	PHONE NO.	SIGNATURE
01	Himsikha Kalita	4th sem	9387081855	
02	Juganwita Kalita	4th sem	9387880850	Juganwita
03	Manushi Das	BCA 4th Sem	8822158809	manushi Das
04	Jinti Kalita	BCA 4th sem	8812093758	Jinti
05	Ritika Patra	BCA 4th Sem	8059845442	Ritika Patra
06	Suraj Kumar	BCA 6th SEM	7636941283	Bhuvan
07	Abhishek Gupta	BCA 6th sem	9864043396	Abhishek Gupta
08	Rohan Roy	BCA 6th sem	7099770036	Rohan
09	Biswal Das	BCA 6th "	7099187227	
10	Bhola Rabha	BCA 6th "	8974830648	Bhola Rabha
11	Paikash Kalita	BCA 4th Sem	9864955698	Paikash
12	Kurumsat Basumatary	BCA 4th sem	8638773523	Kurumsat
13	Arun Das	BCA 4th Sem	6000727787	Arun Das
14	Saurav Dutta	BCA 4th sem	9707384262	Saurav
15	Deepjoti Seal	BCA 4th sem	7099780306	Deep
16	Bijoy Dey	BCA 4th sem	9864593673	
17	Ahmed Inam	BCA 4th Sem	9395218576	Ahmed
18	Tushar Biswas	BCA 8th sem	8638947454	Tushar



Tool Room Training Centre

Amingaon, Guwahati

## TO WHOM IT MAY CONCERN

We hereby certify that Students of Computer Science and Application Department from Pandu College, Guwahati, along with the faculty members, had visited the Tool Room and Training centre, Guwahati.

During their visit to our organization, they explored various working procedures related to the operations and maintenance of various tools, machines and software which are used in Industries. We are assured that they have understood the working and applications of these tools, machines and software used in industry purpose.

Let's hope they will apply this practical knowledge for their studies in future and wishing them for their future endeavors.

Yours truly,



Tool Room and Training Centre  
North Guwahati

## Report

On 16<sup>th</sup> February 2024, a group of students from the Bachelor of Computer Applications (BCA) department of Pandu College, Maligaon, embarked on an educational excursion to the Tool Room Training Centre (TRTC) located in Aminagaon. TRTC stands as a beacon of excellence in the field of manufacturing technology training, offering a diverse range of courses aimed at equipping individuals with practical skills and knowledge essential for the manufacturing industry. The visit to TRTC was organized as a part of the academic curriculum to provide students with valuable insights into manufacturing processes, industrial practices, and career opportunities in the manufacturing sector.

### Objectives of the Visit:

The visit was strategically designed to accomplish the following objectives:

**1. Practical Insights into Manufacturing Processes:** To provide students with practical exposure to various manufacturing processes, including machining, casting, welding, and computer numerical control (CNC) machining, thereby enhancing their understanding of industrial practices and techniques.

**2. Understanding of Training Methodologies:** To familiarize students with the training methodologies employed at TRTC, emphasizing hands-on learning experiences, practical skill development, and industry-relevant training programs.

**3. Exploration of Career Opportunities:** To explore potential career pathways in the manufacturing industry and related sectors, enabling students to gain awareness of job roles, skill requirements, and career progression opportunities available in the field.

**4. Facilitation of Industry-Academia Collaboration:** To foster collaboration between TRTC and Pandu College, facilitating knowledge exchange, skill development initiatives, and future partnerships in training, research, and industry projects.

### Activities and Observations:

**1. Introduction to TRTC:** The visit commenced with a comprehensive introduction to TRTC by the centre's staff members, who provided an overview of the facilities, training programs,

and objectives of TRTC. Students were briefed on the importance of hands-on training and skill development in the context of manufacturing technology.

**2.Guided Tour of Facilities:** A guided tour of the TRTC facilities was conducted, allowing students to explore workshops, laboratories, and training rooms equipped with state-of-the-art machinery and tools. Students observed demonstrations of different manufacturing processes, gaining insights into the practical applications of theoretical concepts.

**3.Hands-On Training Sessions:** Students actively participated in hands-on training sessions under the guidance of skilled trainers and instructors. They had the opportunity to operate machinery and tools, perform metal cutting, drilling, milling, and lathe operations, and gain practical skills essential for roles in the manufacturing sector.

**4.Interactive Sessions with Instructors:** Interactive sessions were organized with TRTC instructors and industry professionals, providing students with opportunities to engage in discussions, ask questions, and learn about the latest trends and technologies in the manufacturing industry. Topics of discussion included Industry 4.0, automation, additive manufacturing, and quality control.

**5.Career Guidance and Counselling:** TRTC staff members provided career guidance and counselling sessions, offering insights into various career opportunities in the manufacturing industry. Students learned about job roles such as CNC machinists, tool and die makers, quality control inspectors, production supervisors, and the skill sets required for each role.

**6.Industry Visits and Networking:** The visit also included opportunities for students to network with industry professionals, tour manufacturing facilities, and gain exposure to real-world manufacturing environments. These interactions facilitated networking, mentorship, and potential internship or job placement opportunities for students.

### Key Learnings:

**1. Practical Understanding of Manufacturing Processes:** The visit provided students with practical insights into various manufacturing processes, enhancing their understanding of industrial practices and techniques.

**2. Hands-On Skills Development:** Participation in hands-on training sessions allowed students to develop practical skills in operating machinery and tools, preparing them for future roles in the manufacturing sector.

**3. Awareness of Career Opportunities:** Students gained awareness of the diverse career opportunities available in the manufacturing industry, motivating them to consider careers in fields such as machining, tooling, production management, and quality control.

**4. Industry-Academia Collaboration:** The visit facilitated collaboration between TRTC and Pandu College, paving the way for future partnerships in skill development, training, research, and industry projects.

### Conclusion:

The visit to TRTC in Amingaon was an enriching and enlightening experience for the BCA students of Pandu College, Maligaon. It provided them with practical insights into manufacturing technology, hands-on skills development opportunities, and awareness of career opportunities in the manufacturing sector. The visit strengthened the relationship between TRTC and Pandu College, opening doors for future collaborations in skill development and knowledge exchange.

HOD

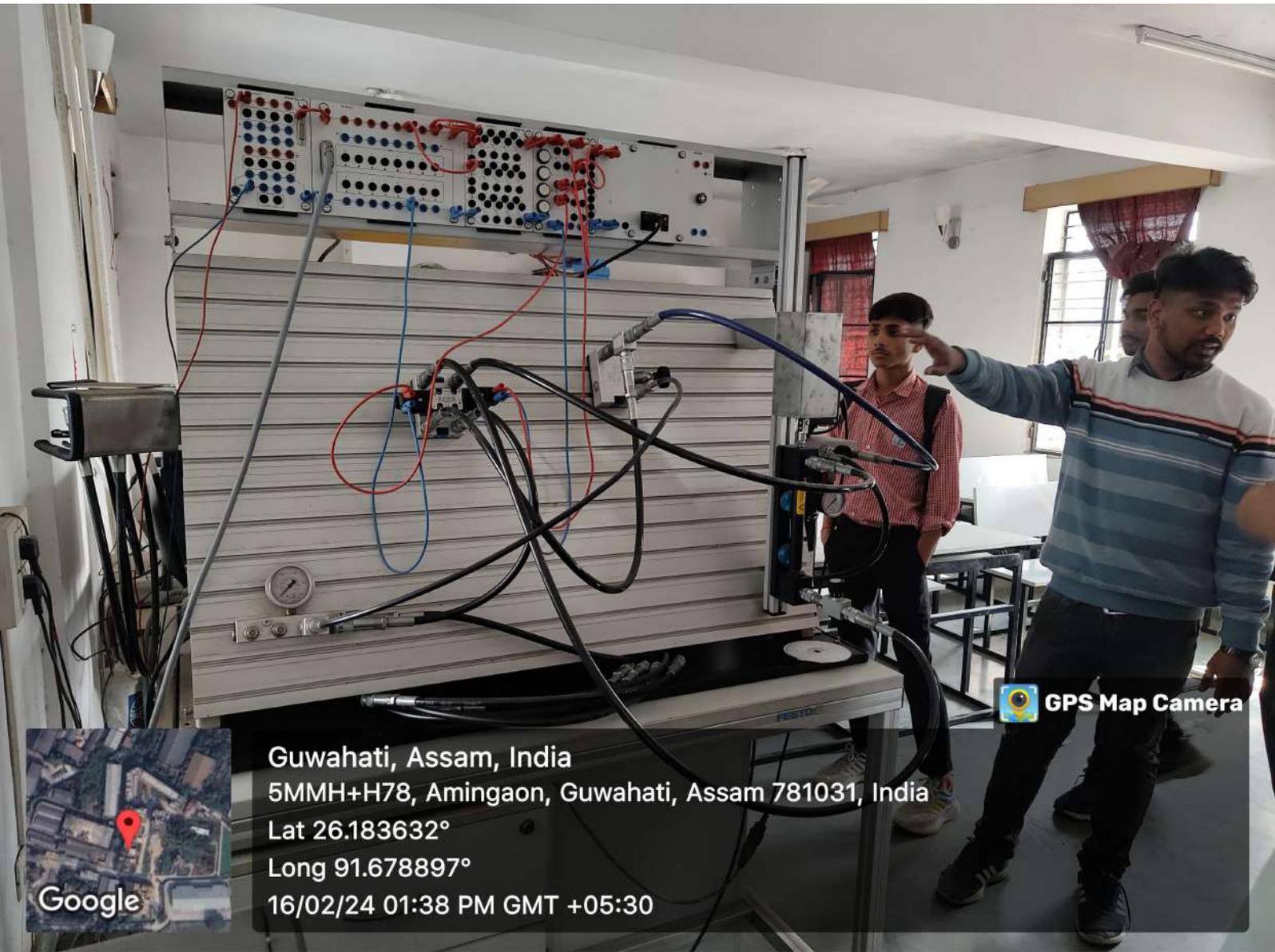
Computer Science and Application



 GPS Map Camera



Guwahati, Assam, India  
5MMH+8CH, Amingaon, Guwahati, Assam 781031, India  
Lat 26.18336°  
Long 91.678746°  
16/02/24 12:43 PM GMT +05:30



 GPS Map Camera



Guwahati, Assam, India  
5MMH+H78, Amingaon, Guwahati, Assam 781031, India  
Lat 26.183632°  
Long 91.678897°  
16/02/24 01:38 PM GMT +05:30



 **GPS Map Camera**



Guwahati, Assam, India  
5MMH+H78, Amingaon, Guwahati, Assam 781031, India  
Lat 26.183463°  
Long 91.678898°  
16/02/24 01:44 PM GMT +05:30



 **GPS Map Camera**



**Guwahati, Assam, India**  
**5MMH+QW8, Amingaon, Guwahati, Assam 781031, India**  
**Lat 26.183605°**  
**Long 91.679045°**  
**16/02/24 02:55 PM GMT +05:30**