

BHABNA DE

13/1, Joy Nagar Ward No. 11
Near Fruit Canning Centre,
Agartala, West Tripura,
Pin code:-799001

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Objective

To work in an innovative and professional environment of teaching and to utilize my skills for the betterment of students.

Skill Set

- o Programming:
 - Programming knowledge in **Python, R Languages, C, Matlab**
 - Skill in Mark-up Language (**HTML**),**PHP, XML, CSS, JavaScript**
- o Others:
 - Image Processing, Machine Learning, Artificial Intelligence**
 - Basic knowledge in Compiler Design, Theory of Computation**

Educational Credentials

Qualification	Board/University	Year	Percentage/CGPA
M. Tech (Computer Science & Engineering, Domain- Image Processing)	Tripura University	2016-2018	8.31 (CGPA)
B.E (Computer Science & Engineering)	Tripura Institute Of Technology	2012-2016	7.13 (CGPA)
Higher Secondary	Tripura Board of Secondary Education	2012	66.2%
Secondary	Tripura Board of Secondary Education	2010	77%

Work Experience

Name: **Adamas University, Kolkata**

Duration: **February 2023 - Current** | Designation: **Assistant Professor**

Working on a regular basis in the Faculty of Computer Science & Engineering Department, this position mainly involved in teaching and supervising undergraduate and graduate students, assisting in various departmental duties, and providing academic as well as administrative support to other staff.

Contributions

- **Academic Activity** - Course-in-charge of Switching circuit and Logic Design, Database management System, Image Processing, Artificial Intelligence, Compiler Design, Theory of Computation, Computer Organization and Architecture, Python Programming, C programming. Also I am the faculty coordinator of Btech Section C 2nd year.

Name: **ICFAI University, Tripura**

Duration: **December 2021 - January 2023** | Designation: **Assistant Professor**

Working on a regular basis in the Faculty of Science and Engineering, this position is mainly involved in teaching and supervising undergraduate and graduate students, assisting in various departmental duties, and providing academic as well as administrative support to other staff.

Contributions

- **Academic Activity** - Course-in-charge of Image Processing, Artificial Intelligence, Compiler Design, Theory of Computation, Computer Organization and Architecture, Python Programming, C programming.
 - **IQAC Committee** - I am responsible for the collection and compilation of Criteria 2 data for every program in the computer science & engineering department as well as for the preparation and representation in NAAC. Apart from this, monitoring other NAAC related activities required for other criteria are also performed as well as engaged in various IQAC related meetings and presentations.
 - **E-learning Committee** - Responsible for the preparation of course upload guidelines in the university's platform as well as resolving different queries coming from faculty members across different departments.
 - **IP committee** - As an IP coordinator of the computer science & engineering department, I am responsible for ensuring the registration, schedule, budget and details of Internship Programmes and also guided the students in their projects.
 - **Hackathon committee** - As a hackathon coordinator, I am responsible for hackathon event logistics as well as planning and implementing rules, best practices.
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Name: **ICFAI University, Tripura**

Duration: **August 2018-December 2021** | Designation: **Guest Faculty**

Working on a contractual basis. Responsibilities to undertake teaching at undergraduate level and take responsibility for administrative duties commensurate with the role.

Contributions

- Design, plan and implement effective and inclusive teaching arrangements and learning activities.
- Teach across a range of courses or within a subject area using appropriate teaching, learning support and assessment methods.
- Assess the work and progress of students and provide them with constructive feedback
- Seek ways of improving performance by reflecting on teaching design and delivery and obtaining and analysing feedback
- Develop ideas for improving the learning environment, teaching and/or assessment and feedback methods
- Engage in professional development in relation to teaching, learning and assessment, including the use of an evidence-informed approach, which utilises the outcomes of research and scholarship to enhance practice.

ATTENDED WORKSHOPS AND SEMINARS

- ❖ GIAN (Global Initiative of Academic Network) course on "**Contrast Enhancement in Poor Visibility**", organized by department of Computer Science And Engineering, Tripura University (A Central University), March 5th – 9th, 2018. Expert Speaker John Peter Okaley.
- ❖ GIAN (Global Initiative of Academic Network) course on "**Image & Video Forensics**", organized by department of Computer Science and Engineering, Tripura University (A Central University), March 12th – 16th, 2018. Expert Speaker Prof. Nasir Memon.
- ❖ Seminar on "**Scientific Issues for the Development of the Nation**", Organized by IEI (The Institution of Engineering (India)), Tripura State Centre, 28th February, 2018
- ❖ Workshop on "**Big Data Analytics**" UGC Sponsored National Workshop organized by Department of Information Technology held on 15th & 16th July, 2017 at Bir Bikram Memorial College.
- ❖ Workshop on "**Advanced Application Penetration Testing**", organized by ICFAI UNIVERSITY TRIPURA, from 7th April 2022 to 8th April 2022.
- ❖ Workshop on "**Multidisciplinary Applications of Artificial Intelligence for Innovation and Research**", organized by Adamas University, from 10th October 2022 to 14th October 2022.
- ❖ Workshop on "**Data science & Machine Learning**", organized by ICFAI UNIVERSITY TRIPURA, from 9th November 2022 to 10th November 2022.
- ❖ FDP on "**Revised NAAC Framework**", organized by Adamas University, from 26th June to 30th June, 2023.

Proficiency in Languages

- Bengali(R/W/S), English(R/W/S) and Hindi(S).

Industrial Training Details

Title: Plant Trainee

Description: Worked with the Bharat Sanchar Nigam Limited (BSNL), Tripura. Gathered practical knowledge particularly in the area of OCB Switching system, WLL system, idea of Wimax and wifi and Power plant, Networking System, CDR Networking, Transmission Network, Satellite Communication System etc.

Title: Hardware and Server Management

Description: Worked with Electronics Test & Development Centre, Indranagar, Kunjaban, Agartala.

Projects Guided

Project Title	Software Used
Weather APP	Python
Time Manager App	Android Studio 3.0.1
Newsify- an online news portal	Html,css for frontend, Python(Django) for backend, VS code as editor
Grocery Shopping Website	HTML, CSS, JavaScript
Event Web Page	Visual Studio
Digital Alarm Clock using Turtle	Python
Guess Game using Tkinter	Python
Cinema_Plus	Android Studio 3.0.1, Visual Studio
Masked Messages: using image steganography for securing communication	Matlab

Sex, Date of Birth, Marital Status

Female, 19th October 1993, Single

Interests

o Love to read books, play computer games, watching cartoons, dancing.

Declaration

I hereby declare that the information given above is correct to the best of my knowledge.

Place:

Date: 25-11-2022

Bhabna De