

Name of the Faculty Member	SUMIT DEY
Campus (Tura/Shillong)	TURA
Designation	Assistant Professor & Head of The Department
Department	INFORMATION TECHNOLOGY
Qualification/s	Master of Computer Application (MCA)
Academic Experience in Years	Outside ICFAI University In ICFAI University Meghalaya Meghalaya 7 years
Research Interests	In the Field of Artificial Intelligence (AI)
Achievements	<ol style="list-style-type: none"> 1. Awarded with “Best student of the year” 2013 from ICFAI University Meghalaya. 2. Awarded 1st runner-up for Man Fashion Esparto 2014 ICFAI University. 3. Awarded best Campus Ambassador from Election Commission of India, Meghalaya. Under SVEEP Campaign on 1st November 2017. 4. Awarded with best coordinator and hold 1st position for NNSC workshop on “National Network Security Champion” with E-Cell of IIT Kanpur, at NEHU Tura campus on 26-27, 2016, by NNSS & IIT Kanpur, India. 5. Awarded 1st position for GREEN MEGHALAYA contest on 4th June 2015. 6. Awarded 1st position for MOSAIC Management Fest “Add making” contest on 12th Nov, 2013. 7. Supported and Awarded “NORTH EAST GREEN SUMMIT” November, 05, 2016 at Tura for the Technical Session and member of the Event Management. 8. Acted as a Judge for the Coding Competition organized by the Department of Computer Application NEHU, Tura Campus on 24th May, 2023.
Publications	<p>International Journal Publications</p> <ol style="list-style-type: none"> 1. Rubul Kumar Bania, Sumit Dey, Nilutpal Buragohain 'Hybrid ResNet50 PCA based deep transfer learning approach for classification of tomato leaf diseases', JOURNAL OF BIODIVERSITY AND ENVIRONMENTAL SCIENCES (JBES), ISSN: P2220-6663 E, INNTPUB, 42-48, https://innspub.net/hybrid-resnet50-pca-based-deep <p>National Journal Publications</p>
Seminar/conference Presentations	<p>Paper</p> <ol style="list-style-type: none"> 1. Presented an Abstract on the ‘Role of Machine Learning in Agriculture’: State-of-the-art Review, Sumit Dey*, Rubul Kumar Bania Dept. of Computer Application, NEHU, Tura Campus. *Department of Information Technology, ICFAI University Meghalaya. On International Conference on Environmental and

Sustainable Development on November 24-25, 2022 at NEHU, Tura Campus.

Seminars Attended

2. Presented an Abstract "Study on Artificial Intelligence Based Techniques in Smart Agriculture, on National Conference on SYMPOSIUM FOR RESEARCH SCHOLARS, North Eastern Hills University, Tura Campus by SUMIT DEY, RUBUL KUMAR BANIA, on" on 31/05/2023
1. Participated on one day symposium on the theme "Tribal Societies in the Modernizing World" on 30th March 2012.
2. Participated in the seminar entitled "The age of the Gazelles" on 23rd of September 2015 at the ICFAI, Tura.

Workshops Attended / Participated

1. Attended workshop on Pollution Control and Waste Management on 18th October 2011
2. Attended workshop on "National Network Security Champion" with E-Cell of IIT Kanpur, at NEHU Tura campus on 26-27, 2016, by NNSS & IIT Kanpur, India.
3. Attended workshop DBT sponsored on "Bioinformatics-Bridging In Vivo to In Silico" by Department of Biotechnology Govt. of India at NEHU, Tura Center from 21st to 23rd March 2017

Webinars Attended

1. Participated National Webinar on "Cyber Crime, Security and Awareness" from 8-9 March, 2022 by Department of Computer Application, NEHU, Tura.
2. Participated Two Weeks National Online Workshop On "Art of Computer Programming" (14-25 March, 2022), by Department of Computer Application, NEHU, Tura.

Lectures Attended FDP's/Refresher Course Attended

1. Attended 5 days workshop on "Motivating the Motivators" at ICFAI University, Tura Campus. 3rd to 7th July 2017
2. Participated One Weeks National Online FDP On "Intellectual Property Right (IPR)" (18-22 December, 2023) by Department of Computer Science and Department of Economics, BSSRV, Golaghat, Assam in association with DPIIT-IPR Chair, National Law University and Judicial Academy, Guwahati, Assam.
3. Participated One Day National Online FDP On "Leveraging AI for Effective Teaching, Enhancing Critical Thinking and Fostering Personal Growth" (6 June 2024) by UPTOSKILLS Skill for Lifetime.

**Organized Seminars/Webinars,
etc.**

1. Organized National Seminar on “**Machine Learning & Its Application**” from 9th & 10th November 2022 at ICFAI University Meghalaya, Tura Campus.
2. Also an organizer and member of the Alumni Meet 2023, at ICFAI, Tura Campus.

**Membership in Academic
Bodies**

**Membership in Professional
Bodies**

Guest Lectures Delivered

**Other Details in relation to
academics, if any**

1. Working as a Head of the Department of Information Technology.
 1. Member of Alumni Committee, ICFAI Meghalaya.
 2. Committee for Infrastructure and Learning Resource.
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1. Attended regular classes on EPTL Symantec IT Skill Development and Education Program by the Govt. of India.
 2. Acted as a resource person on seminar “MS-Excel analytical Tools” from 12th to 16th February 2018
 3. Worked on 6th month DBT funded project on “Brain Magnetic Resonance Imaging Segmentation Using Different Clustering Based Algorithm ” from January 5, 2017 to July 3, 2017 at Bioinformatics Infrastructure Facility, NEHU, Tura Campus
 4. Worked as an Assistant Examination coordinator from 1st September 2021 -2023.