

PROFILE

Name	Ruby Chauhan Rana
Position & Affiliation	Assistant Professor, Department of CSE
Areas of Interest	WSN, Artificial Intelligence, Cyber Security
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Orchid ID	0009-0005-7050-3898
Vidwan ID	
Scopus ID	
Professional Webpage (if any)	

Educational Qualifications:

Ph.D	Visvesvaraya Technological University	India	2024(pursuing)
MTech	Punjab Technical University	India	2018
BE	Punjab Technical University	India	2009

Areas of Research:

Wireless Sensor Networks, Artificial Intelligence, Cyber Security

Brief Profile:

Ruby Chauhan is currently working as Assistant Professor in Department of Computer Science and Engineering at Cambridge Institute of Technology, Bangalore, India. She received her Bachelor of Engineering degree in Information Science and Engineering under Punjab Technological University, Jalandhar from Rayat and Bahra college, Hoshiarpur and Master of Engineering degree in Computer Science under Punjab Technological University from DAV institute of engineering and technology, Jalandhar. She is currently pursuing Ph.D. under the guidance of Dr. R Raghu in Computer Science and Engineering at The Oxford Institute of Technology, affiliated to Visvesvaraya Technological University,

Bangalore, India. Her research interest includes Artificial Intelligence with a focus on security in smart mobile applications and Vector databases.

Ruby Chauhan Rana has successfully BE project guided more than 10 batches for major and Mini projects and where one of the projects got selected by KSCST.

● **Awards/Achievements/Others:**

NPTEL Online Certification Course “Research Methodology”, securing “Elite +Silver” certificate – October 2023.

Courses Taught:

Computer Networks,
OOPS with JAVA,
Design and analysis of Algorithms,
Data Science & visualization,
AngularJS,
Python.

Publications/Patents:

Publications	Title: “ BIO inspired clustering and routing for wireless sensor networks”, - International Journal of Computer Applications, 2016.
Patents	
Book/Book Chapters	

Research and Consultancy:

Pursuing PhD in the area of WSN and Artificial Intelligence under VTU.

