




# DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Accredited NBA, NAAC with A+, New Delhi

<b>Faculty Name</b>	<b>Dr. Rashmi Soni</b>	
<b>Designation</b>	<b>Associate Professor</b>	
<b>Educational Qualification</b>	<b>Ph.D CSE, M.Tech CSE</b>	
<b>Area of Interests</b>	<b>Cloud Computing, Internet on Things, AIOT, AR VR, Image Processing, Blockchain, Biometrics</b>	
<b>Email ID</b>	<a href="mailto:dr.rashmisoni-ise@dsatm.edu.in">dr.rashmisoni-ise@dsatm.edu.in</a> <a href="mailto:drrashmiofficial@gmail.com">drrashmiofficial@gmail.com</a>	

### Educational Details

- **Ph. D:** Computer science and Engineering, Rabindranath Tagore University, Bhopal - September 2016.
- **M.Tech :** Computer science and Engineering, Radha Raman Institute of Technology & Science, Bhopal, Year May 2011
- **BE(CSE):** Computer science and Engineering, Bansal Institute of Science & Technology, Bhopal, year 2008

### Personal Details

- Date of birth : 09-09-1984
- Father Name : S.C.Soni
- Gender : Female
- Language : English, Hindi.
- Religion : Hindu
- Nationality : Indian
- Hobbies : Travelling, Listening to music, Painting.

### Professional Experience- 11.8 Years

- **From 15 January 2023 Till Date**  
Organization: Dayananda Sagar Academy of Technology & Management- (DSATM)- 560082, 2<sup>nd</sup> Campus of (DSI)-Dayananda Sagar Institutions, Bengaluru, Department: Information Science & Engineering Designation: **Associate Professor (ISE)**
- **From 2 August 2022 to 5th Dec 2022**  
Organization: New Horizon College of Engineering, Bengaluru, Department: Computer Science & Engineering, Designation:- **Professor (CSE)**

- **From 27 September 2021 to 10th May 2022**  
Organization: Atria Institute of Technology, Bengaluru Department: - Information Science Engineering, Designation:- Associate Professor (ISE)
- **From 14 August 2020 Till Date**  
Organization: Oriental University, Indore, Department: - Computer Science & Engineering, Designation:-Research Supervisor (CSE) department **Guiding/Supervising of 6(Six) Research Scholars** allocated for Doctoral Program(Ph.D.).
- **From 15 January 2020 to 3rd December 2020**  
Organization: Oriental College of Technology, Bhopal, Department:- Computer Science & Engineering, Designation :- Associate Professor
- **From 26 July 2019 to 2nd January2020**  
Organization: Dayananda Sagar Academy of Technology & Management- (DSATM) 2<sup>nd</sup> Campus of DSI-Dayananda Sagar Institutions, Bengaluru, Department: Information Science & Engineering Designation: Associate Professor
- **From 05 October 2018 to 22 June 2019**  
Organization: St. Martin's Engineering College (SMEC), Hyderabad (NAAC "A+" & NBA Accredited), Department: Computer Science & Engineering, Designation: Associate Professor
- **From 02 August 2016 to 31 December2017**  
Organization: Sagar Institute of Research & Technology (SIRT), Bhopal, Department: Computer Science & Engineering, Designation: Associate Professor
- **From 24 April to 31 December 2012**  
Organization: Laxmi Narayan College of Technology (LNCT), Bhopal, Department: Computer Science & Engineering, Designation: Assistant Professor,
- **From 02 August 2010 to 12 April 2012**  
Organization: Technocrats Institute of Technology (TIT), Bhopal Department: Computer Science & Engineering, Designation: Assistant Professor.

## EDITOR for BOOK /Chapter Series Scopus, AAP, Taylor & Francis CRC, IIP

- Topic “**Smart Healthcare Systems: - AI and IoT Perspectives**” Scopus Upcoming Book, chapters Taylor and Francis CRC Book on October Month 2023.
- Topic “**Personalized Medicine: Navigating Genetics for Tailored Healthcare** ” has been officially accepted for publication” Scopus Upcoming Book, chapters Apple Academic Press, Taylor and Francis CRC Book on September 2023.
- Upcoming Book “**Futuristic Trends in IOT**” on October Month 2023, chapters and papers under IIP Iterative International Publisher USA, India will be published under ISBN with book series code IIPV3EBS08\_G13 with doi-10.58532.
- Upcoming Book “**India as an Emerging World power: Past, Present and Future Contexts (Multidisciplinary Approach)**” published and available in September month.

## PUBLICATION'S/ PATENT'S

- **Patent Published** on 16-June-2023 with Application No- 202321033985 on “Silicon Cellulose Composite Lining Denture”
- **Patent Published** on 20-January-2023 with Application No-202311001298 on “System and Method for Developing Patient Safety with Fuzzy-AI Based Security Measures in hospital”
- **Patent Published** on 20-March-2020 with Application No- 2020119938 on “Method of obstacles detection and control of robotic wheelchair” at IPR, Kolkata.
- **Patent Published** on 19-July-2019 with Application No- 201921025348 on “Method of Detection and Restoration of Crack Digital Images” at IPR, Mumbai.
- **Patent Published** on 12-July-2019 with Application No-201941027667 on “System of Computerized Articles- Sorting Based on Color, Shape, Odor and Weight” at IPR, Chennai.
- **Patent Published** on 5-July-2019 with Application No- 201911023848 on “Method of Fuzzy Inference Model Control for an Injection Molding Machine”. IPR, New Delhi.
- **Patent Published** on 5-July-2019 with Application No- 201911023802 on “Method of Design on Current Differencing Buffered Amplifier using Computing Device” at IPR, New Delhi.

## FDP's/WEBINAR Organized Online from 17-06-2020 to 18/12/2022

- One day **Webinar** organized as a Coordinator in Department of ISE, Atria Institute of Technology, Bengaluru on “**5 G & Next Generation Networks in Indian Scenario**” on 18 December 2021.
- **One Week Online FDP** organized as a Coordinator in Department of IT OCT, Bhopal with collaboration from Brain o vision Pvt Ltd in “**Artificial Intelligence using Python**” from 14th September 2020 to 19th September 2020.

- **Two Days Online FDP** organized as a Coordinator in Department of CSE OCT, Bhopal on **“IT Infrastructure and Cyber Security”** dated 25- 26 July 2020.
- One Day Online Hands on **Workshop** organized as a Coordinator in Department of CSE, OCT Bhopal, with collaboration from Brain o vision Pvt Ltd on **“DART Programming”** dated 27 July 2020.
- One day National **Webinar** organized as a Coordinator in Department of CSE, OCT Bhopal, **“Introduction on AWS Cloud Computing”** on 17 June 2020.

### FDP's/Workshop's Attended

- Five Days FDP attended for “Block chain Technology” at Sumeru Digital, Bengaluru on 25<sup>th</sup> February 2023
- Python workshop for Passionate programmers Cryptography and Network security
- ATAL Sponsored FDP on "Artificial Intelligence" by Department of CSE MANIT Bhopal.
- Three days online FDP on “Internet of Things (IoT), SMEC, Hyderabad.
- Cyber Security FDP from Chalapathi Institute of Engineering and Technology.
- A 5 Days FDP attended for “Block chain Technology” at Sumeru Digital, on 25<sup>th</sup> February 2023 ○ R Programming Satyabhama Institute of Technology in association of with IIT Bombay Spoken Tutorial.
- Webinar on "Online Safety and Cyber Crimes” at Nagpur institute of Technology
- Latest trends in Artificial Intelligence and Optimization by LENORA College Of Engineering
- Cyber-crime in current scenario and its safeguards in Oriental college of Technology
- One day hands-on workshop on “JAVA for Every One ” hosted by Department of Computer Science & Engineering on May 25, 2020
- “A Five Day Faculty Development Program” on “Block chain Technologies” from 19-05-2020 to 23- 05 -2020.
- National webinar on “Introduction of data science, Data modeling and analysis of COVID-19 data” on 23-05-2020
- One week Fdp on “Introduction to Forensic Science and Digital & Cyber Forensics” from 15.05.2020 to 19.05.2020 at Nagpur institute of Technology
- One week FDP on PHP and MY SQL from 18-05-2020 to 23-05-2020 organized by JNTUH in association of with IIT Bombay Spoken Tutorial.
- One week online Faculty Development Program on “PERL” organized Shri Ramdeobaba College of Engineering and Management, Nagpur in association with Spoken Tutorial Project, Indian Institute of Technology, Bombay from May 23 - 27, 2020.
- “A Five Day Faculty Development Program” from Vikas Group of Institutions, A.P on “IOT Applications” 01-05 June 2020
- “A Five Day Faculty Development Program” on “Big Data Engineering” KINGS Engineering College, Chennai
- Webinar attended on “Data Science and Career Opportunities of Tirupati college A.P on 06 Jun 2020
- Attended Leadership Talk of MHRD's Innovation Cell on 06 June 2020

- Workshop Attended on “IPR & Patent Drafting” Kota University, Rajasthan on 08-06-2020
- Webinar attended of Sri Eswar College of Engineering at “Experiential Learning-For a Stronger Engineering Foundation”
- Workshop attended of Keshav Memorial Institute of Technology at “Block chain Technology” on 12-13 June 2020
- 2 Days Workshop attended on “Need & Challenges of online Teaching and learning in Indian context” on 05-06 august 2020
- 3 Days Webinar attended on Big Data Analytics-Hadoop on 15 July 2020.
- Five days FDP attended on “Research Trends in Image Processing” on 15-19 June 2020.
- Five Days International FDP attended on “State of the Art Technologies in ICT”
- International Webinar attended on “New Frontiers of Cloud and Edge computing- Big data”
- One week Days FDP attended on “The Growing Role of IOT in Latest Technological Trends” Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal in association with WILEY India Pvt. Ltd
- Five days FDP attended on “Deep Dive into Emerging Technologies like AI, Cloud, data analytics on 10 june 2020.

### Department Roles and Responsibilities

- Pedagogical Initiatives CSE Department Completed on April-May 2023 For 6<sup>th</sup> Sem Students for CGV subject.
- Publishing Books in various Publishers T&F , AAP , IIP etc
- R&D, Teaching, guidance for UG and PG students under RGPV and VTU.
- Coordinator for Research Publication Cell of OCT Bhopal.
- Organizing Online FDP, Webinars, Workshops

### Contact Details

Dr Rashmi Soni

Associate Professor

Department of Information Science & Engineering Dayananda

Sagar Academy of Technology & Management.

Bangalore-560082

Mail ID:- [dr.rashmisoni-ise@dsatm.edu.in](mailto:dr.rashmisoni-ise@dsatm.edu.in)

[drashmiofficial@gmail.com](mailto:drashmiofficial@gmail.com)

9993096714

Google Scholar Link:

<https://scholar.google.com/citations?hl=en&authuser=1&user=wz>

[HTPMMAAAAJ](https://scholar.google.com/citations?hl=en&authuser=1&user=wz)

Linked In:

[www.linkedin.com/in/dr-rashmi-research-supervisor-cse-8b77052a](https://www.linkedin.com/in/dr-rashmi-research-supervisor-cse-8b77052a)

Orcid Id:

<https://orcid.org/0000-0002-0961-854X>