



Faculty Name	Indu B
Academic Designation	Assistant Professor
Educational Qualification	BE,MTech,(PhD)
Experience in Years(Teaching)	16 Years
Experience in Years(Industry)	Nil
Official email id	Indu-aiml@dsatm.edu.in
Area of Interest	Cloud Computing, Edge Computing, Artificial Intelligence, Machine Learning, Deep Learning
Date of Joining	01/01/2024
Employee Id	180750
Date of Birth	21/02/1983



Educational Details

Part time PhD-(Course Work completed) at REVA University Bangalore, Under the Guidance of Dr.Geeta C Mara with the tentative Title “ A Secure Virtualized Framework in Health care Sector using Edge Computing Strategy and Blockchain” for the Academic Year 2022-23

Master of Technology (Computer Engineering) Degree from SJB Institute of Technology, Visvesvaraya Technological University, Karnataka, 2014 with First Class Distinction 82.5%

Bachelor of Engineering (Information Science and Engineering) Degree from SBMS Institute of Technology, Visvesvaraya Technological University, Karnataka, in the year 2005 securing First class 64%.

MBA (Post Graduation Diploma in Information Technology) PGDIT from Symbiosis Centre for Distance Learning (SCDL) Pune University securing 61%.

Personal Details

Date of Birth	: 21/02/1983
Marital Status	: Married
Nationality	: Indian
Religion	: Digambar Jain
Languages Known	: Kannada, English, Hindi, and Telugu.

Professional Experience

Sl. No	Organization	Designation	From	To	Experience
1	DSATM	Asst. Prof	01 Jan 2024	Till Date	9Months(Till Date)
2	GAT, Bangalore	Asst. Prof	Oct 2022	Dec 2023	1 Year 1.5 month
3	AMCEC, Bangalore	Asst Prof	July 2018	Sept 2022	4.2 years
4	YDIT, Bangalore	Asst Prof	Aug 2014	July 2018	3.11 years
5	CSIR C-MMACS	M-Tech Interim	Oct 2013	Aug 2014	10 months
6	YDIT, Bangalore	Lecturer	Oct- 2006	Dec-2012	6.2 Years

Publications

- Paper Published at GIS SCIENCE JOURNALUGC-CARE journal "Covid Protocol and Safety Measures Using Unique Identification and Recording for Public" Approved Group 'II' ISSN NO: 1869-9391 Scientific Journal**
- Indu B, K C Gouda, Nirmala H, "Benchmark Approach for Regional Climate Model in HPC Platform" NCITSF'14 IJERT CSECONF-2014 Proceedings ISSN 2278-0181**
- Indu B,K C Gouda, Nirmala H, "Weather Modelling In HPC Environments" IJSRCSAMS (International Journal of Scientific Research in Computer ScienceApplications and Management Studies) Volume 3 Issue 3 (May 2014) ISSN 2319- 1953**

Conference Attended

International Conferences:

- Paper Presented at IEEE MYSURUCON 2022 2nd Edition of Mysore Subsection Flagship International Conference 16-17 October, 2022Title" Using Health Sensors, Internet of Things(IOT) and Machine Learning to Determine the Potential Dangers Older People Pose To Society"**
- Paper Presented at IEEE MYSURUCON 2022 2nd Edition of Mysore Subsection Flagship International Conference 16-17 October, 2022 Title "Heart Disease Prediction Using Artificial Intelligence Ensemble Network"**
- Participated in International Conference Conducted at AMCCE "International Conference on Advanced Computing Techniques" ICACT 11th and 12th May 2016.**

National Conferences:

- Participated in the National Conference on "Innovation in Information Technology" (NCIIT-2015) organized by CSE Dept ,YDIT 16th May 2015.**
- Title "Automation of Plant Diseases Detection and Analysis" in the National Conference "Innovation in Information Technology"(NCIIT-2015) organized by CSE Dept at YDIT 16th May 2015.**
- Title "Decentralised Access Control with Anonymous Authentication of Data Stored in Clouds" in the National Conference "Innovation in Information Technology"(NCIIT-2015) organized by CSE Dept at YDIT 16th May 2015.**

4. Title “**Benchmark Approach for Regional Climate Model in HPC Platforms**” 3rd National Conference on Current Trends in Computer Science and Engineering 2014, Jain University, Organized by Department of Computer Science and Engineering.
5. Title ”**A Study of interactive Image Segmentation using Multiple linear Reconstructions in Windows**” in Jain University National Conference on Information Technology for Sustainable Future- NCITSF-2014(May 9)
6. Title “**An Interactive Approach for Image Segmentation using Collaborative Level-Set Method**” NCIP 20133rd National Level Conference on Information Processing, AMCCE

Awards

1. Won the “**BEST PAPER AWARD**” for a paper presented titled “**Benchmark Approach for Regional Climate Model in HPC Platforms**” at Jain University, National Conference on Information Technology for Sustainable Future- NCITSF-2014(May 9, 2014)
2. “**AWS Foundations Academy Training**” from 3/11/2020 to 07/11/2020
Globally Certified Educator for training AWS Foundation course and Successfully Trained 30 Students in the Academic Year May 2021 – Sept 2021
Trained Second batch for the academic Year 2021-22.

Academic Activity

WORKSHOP ORGANIZED:

Organized Two days Workshop on “**Android and WEB Applications**” conducted by Dr Code, Bangalore, 11th and 12th Sept 2015 at YDIT, Bangalore.

CONFERENCE ORGANIZED:

Organized One day National Level Conference “**National Conference on Innovation in Information Technology**”(NCIIT-15) 16th May, 2015 at YDIT, Bangalore.

Department Roles and Responsibilities:

1. Board Of Studies Member in the Department of Information Science and Engineering, GAT
2. Internal DCS During the period Dec 2012/2014/2016 VTU Exams.
3. National Conference Coordinator/Organizer May2015.
4. Workshop Coordinator 2016.

BOOK PUBLISHED:

1. Artificial Intelligence & Data Engineering -ISBN 978-93-6348-419-1
Leilani Katie Publications and Press July 2024
2. Mobile Computing -ISBN No. :978-93-5577-093-6.
:Charulatha Publications. December 2021

PATENT :

LoRa adhoc network based outdoor wireless communication system

Application No: 202211050137

Faculty Development Activity/Workshops

1. Participated in **6 Days Faculty Development Program on “ Quantum Photonics, Computing and Communications ”** Jointly organized by the Department of AI & ML and ISE at RV College of Engineering **from 18/12/23 to 23/12/2023**
2. Participated in **6 Days Faculty Development Program on “Deep Learning for Natural language Processing”** Organized by Department of Artificial Intelligence and Data Science, Global Academy of Technology in Association with Indian Institute of Information Technology, Allahabad from **25th to 30th September 2023.**
3. Participated in **5 Days Faculty Development Program on “Data Analysis and Visualization Using Tableau”** Organized by Department of Artificial Intelligence and Data Science, Global Academy of Technology in Association with Indian Institute of Information Technology, Allahabad from **16th to 22nd August 2023.**
4. Participated in **5 days Faculty Development Program (Online)on “ICT Tools for Innovative Teaching & Learning Process”** Organized by Department of Information Science &Engineering during 28th March - 1st April,2022 at RV Institute of Technology and Management, Bengaluru.
5. Participated in Five days ATAL workshop **on IoT from 13/12/2021 to 17/12/21**
6. Participated in five days ATAL Workshop AICTE Training And Learning (ATAL) Academy Online Elementary FDP on **"Big Data and Analytics" from 20/09/2021 to 24/09/2021** at BNM Institute of Technology.
7. Participated in AICTE Training and Learning (ATAL) Academy Online FDP on **"Cyber Security"** from 2021-2-8 to 2021-2-12 at Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya.
8. Participated in **Five days Online Workshop on “A DevOps Approach:Dockers in Blockchain”** from 17 June 2020 to 21 June 2020 at AMC Engineering college.
9. Participated in **Three days Online FDP on “AWS Cloud,Dockers Containers Grafana and Performance Benchmarking of Storage Systems”**Organized by Vidhyavardhaka College of Engineering,Mysore from 10th June 2020 to 12th June 2020.
10. Participated in the **Five days Online FDP on “Machine Learning and Data Science for Engineering Applications”** from 5 th June 2020 - 10th June 2020, Organized by Department of CSE & IT, Shadan College of Engineering and Technology, Hyderabad.
11. Participated in **National level webinar on “WRITING EFFECTIVE RESEARCH PAPER”** on 30-05-2020
12. Participated in **Three days Online FDP on “Internet of Things and Applications”** from 27 May 2020 to 29 May 2020 Conducted by Cloud chip Technologies Pvt Ltd in Association with RYMEC-IQAC-CSE
13. Participated in **Three days Online FDP on “Real Time Case Studies in Machine Learning”** Organized by CSE Dept EWIT Bangalore from 22nd June to 24th June 2020.
14. Participated in **Three days FDP on“Exploring Machine Learning Algorithms and Applications”** from 21st May 2020 to 23rd May 2020, Organized by Kongu Engineering college.
15. Participated in **Five days’ Workshop on Network Data Analytics**an Approach for Application development Organised by MSRIT Bangalore from 1st July to 5th July 2019
16. Participated in **Fivedays’ workshop on“Computational Data Science”** Conducted by Information Science Engg Dept from 13thJune -17thJune 2016 at MSRIT, Bangalore.
17. Participated in **Six Days workshop on “Knowledge Discovery and Applications”** Conducted by CSE Dept SJBITE from 18th Jan 2016 – 23rd Jan 2016 at SJB Institute of Technology, Kengeri
18. Participated in **Two Days Workshop on “Android & Web Applications”** Conducted by Dr Code on 11th and 12th Sept 2015 at YDIT, Bangalore
19. Participated in **One Day Faculty Development Program** titled **“Experiential Teaching Methodology on Communication and Interpersonal Skills at Workplace”** Conducted on 29th Aug at YDIT

20. Participated in Five Days Faculty Development Program on “**Machine Intelligence and Image Processing**” organized by CSE Dept, SJBIT kengeri, Bangalore, 20th to 24th July 2015

21. Participated in Five Days Faculty Development Program “**MISSION10X**” Organized by **Wipro Technologies** in the year **2009** which featured,

- i. Analytical and Comprehensive Teaching Skills.
- ii. Interactive Sessions to improve student’s attention like Debate Sessions.
- iii. Thorough understanding of the subject with ability to convey the same to the students.

Contact Details

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