



NAME: Dr.ARUNA DEVI C
DESIGNATION: ASSOCIATE PROFESSOR & HOD - BCA
QUALIFICATION: MCA, M.Phil (CS), Ph.D
TEACHING EXPERIENCE: 22 Years
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AREA OF INTEREST

Cloud Computing, Process Mining , Data Science

SUBJECTS TAUGHT

Cloud Computing, Computer Graphics, Visual Programming, Programming in C, Data Structures, Advance Software Engineering - Agile, Database Management Systems, Computer Networks, C, C++, Web Programming, Object Oriented Analysis and Design using UML

NO. OF CERTIFICATIONS

7 – NPTEL, AWS, Udemy, Coursera, Moodle

PAPERS PRESENTED

[NATIONAL & INTERNATIONAL]

- **“Consequences of Hacking using OMG Cable and its Security Issues”**, International Conference on Recent Development in Science Technology, Engineering & Management, 2nd ICRDSTEM.
- **“Smart Irrigation through Low-Cost Technology”**, One day National Conference on Modern Trends in Commerce, Management and Information Technology.
- **“Comparative Case Study of Business Process Model with Petri Nets and Process Activity Diagram”**, UGC Sponsored - One Day National Conference on ACSE.
- **“Perceptive Workflow Analysis and Process Mining in Manufacturing Industry”**, National Conference on Advances in Computing Technology.

<p>JOURNALS [NATIONAL & INTERNATIONAL]</p>	<ul style="list-style-type: none"> ➤ “Security Enhancement through Cryptography and Hardware Devices”, International Journal of Computer Sciences and Engineering (IJSER). ➤ “IoT Technology and its Applications in Various Fields”, International Journal of Computer Sciences and Engineering (IJSER). ➤ “A Comparative Case Study of Business Process Model with Petri Nets and Process Activity Diagram”, International Journal of Computer Sciences and Engineering (IJCSSE). ➤ “An Informative and Comparative Study of Process Mining Tools”, International Journal of Scientific & Engineering Research (IJSER). ➤ “Assimilation and Data Filtration of Corrugated Industry”, International Journal of Engineering Science & Research Technology (IJESRT). ➤ “A Study on Task Behaviour using Workflow and Process Mining”, International Journal of Current Research (IJCR). ➤ “2-D Method of Assessment for Corrugated Industry Using Process Mining Approach”, IJCTA Scopus Indexed Journal. ➤ “Application of Business Process Mining Using Control Flow Perspective in Manufacturing Unit”, International Journal of Emerging Trends and Technology in Computer Science (IJETTCS). ➤ “Process Mining in Corrugated Boxes Manufacturing Industry - A Case Study”, International Journal of Emerging Trends and Technology in Computer Science (IJETTCS).
<p>BOOKS PUBLISHED</p>	<p>Computer Graphics, ISBN: 978-93-84497-17-9</p>

FDP ATTENDED

- Online **FDP** - 10 hours on **Microsoft Azure AI Fundamentals**, by ICT Academy.
- Online **FDP** – 10 Hours on Emotional Intelligence, by ICT Academy.
- **FDP, Six weeks** online training on **Blockchain under Internshala** Trainings.
- **FDP on "Advanced Pedagogical Techniques"**, Teaching Learning Center Ramanujan College, University of Delhi, Sponsored by Ministry of Human Resources Development (**MHRD**).
- **Five Day FDP on "Cyber Security and Big Data Analytics"**, MVJCE.
- Online **FDP on "Data Sciences"**, AICTE Training and Learning (**ATAL**) Academy.
- 3-Day Online **FDP on "Machine Learning and Visualization"**, by DSCASC in association with Oracle Volunteering.
- **40 Hours FDP "Data Science for ALL"**, Electronics and ICT Academies-NIT Warangal, IIITDM Jabalpur and NIT Patna.
- **FDP on "Online Teaching and Learning Tools"**, Dr.Ambedkar Institute of Technology.
- **Five Day FDP on "Challenges and Opportunities in AI and ML"**, Bheemanna Khandre Institute of Technology.
- One Week Online **FDP on "Insights on Writing Research Proposals and Funding Opportunities"**, ST. Joseph Engineering College.
- **Five Day FDP on "Research Trends and Challenges in Computer Science"**, VVCE, Mysuru.
- **One Week National Level FDP on "Cyber Security"**, by MGIT & CBIT in association with Supraja Technologies.
- **Five Day Online FDP on "Data Visualization using Tableau"**, by the Department of Computer Applications.
- **Five Day FDP on "Academic Research in Engineering for Industry and Patents"**, **CSI Hyderabad Chapter** and

	<p>Entrepreneurship Development Cell, MVSR Engineering College.</p> <ul style="list-style-type: none"> ➤ One Week FDP on "Entrepreneurship, Incubation and Innovation", Teaching Learning Center Ramanujan College, University of Delhi, Sponsored by Ministry of Human Resources Development (MHRD). ➤ One Week FDP on "Open-Source Tools for Research", Teaching Learning Center Ramanujan College, University of Delhi, Sponsored by Ministry of Human Resources Development (MHRD). ➤ FDP on "Ethical Hacking & Penetration Testing", by Sir MVIT. ➤ FDP on "Contemporary tools and techniques for teachers and researchers in higher education: Experience of using virtual classrooms", Cambridge Institute of Technology. ➤ One Week FDP on "Administration Fundamentals of Salesforce Cloud Platform" at Dr. AIT.
MEMBERSHIPS	Computer Society of India