Faculty Profile a brief Writeup with Maximum 150-200 words

Faculty	Dr Nanda Ashwin **Professor,** **East Point College of Engineering &Technology**
	Profile*
	Dr. Nanda Ashwin Professor of ISE Dept, Ph.D. in Computer Networks and Cloud Computing, M.Tech degree in Software Engineering, MS in System Software, BITS ,Pilani and B.E.degree in Computer Science and Engineering from Bangalore Institute of Technology College of Engineering(BIT) , Bangalore University. She has worked at institutions such as PESIT, Hoskerehalli, Bangalore, Hindustan Academy of Applied Sciences, Bangalore and Tata Elxsi, Indiranagar as Customer Support Engineer Bangalore. A dedicated, passionate teacher and leader with 27 years of experience in Academic and Administrative roles and has published 33 publications, 2 Book Published, 4 Patent.
	Publications
	Books
	● **Introduction to AI and Machine Learning**, Scientific International Publishing House, September 2022, ISBN:978-93-5625-238-7 ● **Deep Learning Algorithms with Python,** Scientific International Publishing House (SIPH), ISBN: 978-93-5625-438-1
	Journals
	"Recent advancement in prediction and analysation of brain tumor using the artificial Intelligence method", JARASET, Vol 43, Issue-9, Scopus Q3 Journal, SAMARAK ILMU publishing
	"Machine Learning Model for Network Traffic Anomaly detection", JAIT, (Journal of Advances in Information Technology, Scopus and WoS indexing Q2 Journal
	"An Efficient Mechanism for early detection of prostate cancer through deep learning model", Q3 Journal, ISSN: 2314- 6141, HINDAWI
	"A Comprehensive Survey of the Security Issues, Attacks and Trust & Reputation based Solutions towards VANET", Neuro Quant ology, Volume:20, Issue:7, (SCOPUS) doi: 10.14704/nq.2 022.20.7.NQ3 3432 ISSN: 1303-5150, Neuro Quant ology
	"A Survey on QOS Improvement in Wireless Mesh Network", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd, Volume-5 Issue-11, Page No.: 27-29, April 2016, ISSN: 2278–3075 (Online), Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd
	"QOS improvement in Mesh Network using traffic offloading through 2G/3G Networks", International Journal of Engineering Studies (IJES) Volume 8, Number 2 (2016), pp. 117-128, ISSN 0975-6469, Research India Publications
	"Safe and Protected Data propagate in wireless mesh Networks", International Journal of Information Technology and Computer Engineering (IJRISE), Volume No. 1, Issue No.5 (2016), IJITC Journal
	"Aggregating Mesh network to Increase throughput in collusion rate and reduce Energy Consumptions", International Journal of Computer Trends and Technology (IJCTT), Volume 39, Number 1-Sept. 2016, Seven Sense Research Group
	"Smart Traffic Control and Improving Emergency Communication with Hospital Servers", International Journal for Research in Engineering Application and Management (IJREAM), ISSN:2454-9150 Special Issue-NGEPT-2019, IJREAM
	"Gateway Placement in Mesh Network Using traffic off Loading through 2G/3G Networks", Global Journal Inc. (US), Global Journal of Computer Science and Technology (E), Volume XVI, Issue VI Version I Year 2016.

"**Optimal Gateway Placement in Mesh Network using Artificial Fish Swam Technique**", International Conference on Communication and Computing Computer Networks and Society ICC 2014,12th-14th, June 2014, ACE, Bangalore

"**A Machine Learning Approach to Prediction of Soybean Disease**", International Journal of Computer Information Systems, Vol. 8, No.1, March 2021, IJSRSET Publisher &NCEIET-2021.

"**Critical Success Factors in Hospitality ERP Models: Impact of IT Manager's Proactiveness, Innovativeness and Rapport**", International Journal of Computer Information Systems, Vol.8, No.1, March 2021, IJSRSET Publisher &NCEIET-2021.

"**A Discriminative Model to Generate Melodies through Evolving LSTM Recurrent Neural Networks**", International Journal of Computer Information Systems, Vol. 8, No.1, March 2021, IJSRSET Publisher &NCEIET-2021.

"**Hospitality ERP Education in the age of rapidly evolving Information Systems. Standards**", International Journal of Computer Information Systems, Vol. 8, No.1, March 2021, IJSRSET Publisher &NCEIET-2021

"**Commercial ERP Chatbots: Conversational Intelligence Agents' Performance Analysis, User experience Benchmark Standards**", International Journal of Computer Information Systems, Vol. 8, No.1, March 2021, IJSRSET Publisher &NCEIET-2021

Magazines

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Conferences

"**Real time eye-based Password Authentication by Eye Blinking System**" International Conference on intelligent Computing Technologies and Research, Vol. 05, Issue 05S May 2023(i-COMPUTER) 2023, SPECIAL ISSUE, International Research Journal on Advanced Science Hub

"**Tabib: Chatbot for Healthcare Automation with Audio Assistance using Artificial Intelligence**", International Conference on intelligent Computing Technologies and Research (i-COMPUTER) 2023. SPECIAL ISSUE, Vol. 05, Issue 05S May 023, International Research Journal on Advanced Science Hub

"**An Analysis of Smart clinical Trail Investigation Methods in research medicine Industries**," Fourth IEEE International Conference on Cognitive Computing and Information Processing, CCIP-2022,23rd and 24th December 2022 at JSS

"**Design and Development of Efficient Cost Saving Technique for Guiding customer Purchasing Patterns**"- A Survey, IDSCS 2020 Springer and Computer Society of India Indexed International, International Conference on Data Science and Computational Security, Christ (Deemed to be University), Pune.

"**Rapid Sensitive Data Search on Sensor Cloud using Inverted List Index on IoT**", ICEECCOT-2019, IEEE Scopus Indexed International Conference on GSSITE, Mysuru, IEEE Scopus Indexed International, IEEE

"**Early Recognition of Herb Sickness using SVM**", ICBDCC, IEEE Scopus Indexed International Conference on Karunya, Tamil Nādu, Scopus Indexed, International, International Conference on Karunya, Tamil Nādu

"**Automatic Segmentation of Lumbar Spine to Detect Osteoporosis: Review**", International Conference on Multidisciplinary Technologies & Challenges in Industry-4.0(ICMTCI-4.0) on Digital Platform, Volume-1-article-112, ICMTCI-4.0 on Digital Platform, East Point College of Engineering and Technology, on 18th-19th September 2020

"**Finding COVID 19 for Xray and CT Scan-Images Using Neural Networks**", International Conference on Multidisciplinary Technologies & Challenges in Industry-4.0(ICMTCI-4.0) on Digital Platform, Volume-1-article-117, ICMTCI-4.0 on Digital Platform, East Point College of Engineering and Technology, on 18th-19th September 2020

"**Corruption Avoidance and theft vehicle track is system over IoT**", National conference on Recent Trends in Computer Science and Engineering,9th May 2018, SJB Institute of Technology, Bengaluru.

"Vote-Eth: An e-Voting System Using Blockchain", International Journal of Innovative Technology and Exploring Engineering (IJREAM), ISSN: 2454-9150   Special Issue-NGEPT-2019.

"TKSE: Trustworthy keyword search over encrypted data with two side verifiability via block chain", International Journal for Research in Engineering Application and Management (IJREAM), ISSN: 2454-9150, Special Issue-NGEPT-2019.

" Secret Image Sharing Based on Encrypted Pixels", International Journal for Research in Engineering Application and Management (IJREAM), Special Issue-NGEPT-2019, ISSN: 2454-9150, Special Issue-NGEPT-2019.

"Health Care Monitoring system for cardiac using IoT sensors', Perspectives in communication Embedded systems and Signal's processing, Pices", Volume2, Issue 5, ISSN:2566-392x, Brindavan College of Engineering, Bengaluru, Karnataka.

Achievements / Awards / Recognitions

Awards
- **"Best Women Facility Award".** National Facility Award 2022-2023 by Novel Research Academy
- **"Life Achievement Award".** National Facility Award 2020-2021 by Novel Research Academy

Achievements
- Cloud computing, NPTEL, Feb-April-2020
- Google Cloud Computing Foundation, NPTEL, Feb-April-2020
- Introduction to machine learning, Coursera 06/13/2020
- Essential Google cloud Infrastructure: Core Coursera 05/05/2020
- Kubernetes in Google Cloud Coursera,15/06/2020
- Networking in the Google Cloud Coursera,15/06/2020
- Google Cloud Engineering Coursera,13/06/2020
- Reliable Google cloud Infrastructure Design and Process Coursera,14/05/2020
- Elastic Google Cloud Infrastructure Scaling and automation, Coursera,13/05/2020

- 5-Day Online Faculty Development Program on "IMPORTANCE OF DATA SCIENCE IN MACHINE LEARNING AND ITS APPLICATIONS", the Department of Computer Science and Engineering & Department of Information Science and Engineering at RV Institute of Technology and Management, Bengaluru.,6th - 10th Feb 2023
- 5-day Online FDP on the theme "Inculcating Universal Human Values in Technical Education" , All India Council for Technical Education,(AICTE) from 12th June to 16th June 2023.
- "Intelligent and Innovative Technologies in Computing, Electrical and Electronics", reviewer of a paper in the IEEE International Conference, Department of Electronics and Communication Engineering, BNMIT,27th & 28th January 2023.
- Introduction to Python Programming & its applications", AICTE – VTU Joint Teachers Training Programme, VISVESVARAYA TECHNOLOGICAL UNIVERSITY
- One Week Online Teachers Training Program,19th – 23rd June 2023
- 4 days' workshop on High impact Teaching Skills, Wipro Ltd Dale Carnegie Training programme,3rd Feb 2009,7th Feb 2009
- Workshop on Industry Oriented Software Engineering, INFOSYS Technologies Ltd. Bangalore and Indian Institute of Science, Bangalore,11th June 2022 to 18th June 2022
- Certificate of Course on Object-Oriented Analysis and Design using the UML with fundamentals of Rational Rose, IBM software   6th -10th Feb 2006
- Certificate of course on Wireless Networking devices & systems. Institute of technology.29 th and 30th March 2004.
- Software Testing, Quality & Performance Engineering, AICTE sponsored workshop organized by MSRIT Department of Information Science & Engineering & Department of Master of Computer Applications,20th January,

	2003- 31st January, 2003. **Recognitions** Convener for ● Hands on session on programming in AI & ML using python, ISE, EPCET,24.11.2022 to 26.11.2022 Coordinator for the events ● 5-Day STTP on Impact of Modern Technologies: ML, AGILE &IOT, ISE, EPCET,28th April 2022 to 3/5/2022 ● Project Expo-2022 and Project vibrations, ISE, EPCET,20th June 2022 ● International Conference on Engineering Innovations in Emerging Technology, ISE, EPCET,24th June 2022 to 25th June 2022 ● Seven days National Level Virtual FDP on "Big Data Analytics and Machine Learning ISE, EPCET,26th march to 1st April 2022. ● Data Analytics: Entrepreurial opportunities, ISE, EPCET, Webinar -23-Feb-2022 ● Workshop On Database and SQL Tuning, ISE, EPCET, 09-Feb-2022 to 11-Feb-2022 ● TECHNOVATION- Project Presentation, ISE, EPCET,18/12/21 ● Data Science and Analytics- ISE, EPCET,25/10/2021 to 29/10/2021 ● Web Technology and Industry Insights, ISE, EPCET ● Project 2K21 Expo- 6-8-2021, ISE, EPCET,21/10/2021 to 23/10/2021 ● National Conference on Engineering Innovations in Emerging Technologies, ISE, EPCET,19 July 2021- 20 July 2021 ● International conference department coordinator planned on International Conference on convergence of technologies towards industry 4.0 planned to conduct in Feb 2020, ISE, EPCET18th&19th sept 2020 ● One day workshop on Security and Cloud computing., ISE, EPCET, 27th October 2018 ● National level 3-day FDP provide intense training on Data Science & IoT application for VTU affiliated, Engineering college faculties, ISE, EPCET,27th October 2018 ● 2-day Workshop on Cloud Virtualization and File Organization Techniques, ISE, EPCET,29th Feb 2019 to 1st Mar 2019. ● 2-day Workshop on JAVA FRAMES & PHP, ISE, EPCET,21st and 22nd March 2019 ● Two-day workshop on Crafting on COMPUTER ORGANISATION and COMPILER DESIGN, ISE, EPCET on 23 rd and 24 th March 2019 ● 2-day Workshop "ANDROID APP AND IOT", ISE, EPCET,11th April 2019 to 12th April 2019 ● National Level Conference on New Generation Emerging Trend Paradigm (NGEPT), ISE, EPCET,3 rd. May 2019. ● Project expo 2k19 mind maps creative thinking with explored ideas, ISE, EPCET,8th may 2019 ● Department Editor for Savishkar the Carnival of Talents, College Magazine of East Point College of Engineering, ISE, EPCET,2019