
Biodata

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Teaching Experience (Jan 16, 2014 - Till Date)

Working as an Assistant professor in Bapuji Institute of Engineering and Technology, Davangere

Industry Experience (Sep 7, 2011 - Oct 31, 2012)

Software Developer at CloudByte Technologies India Pvt. Ltd., Bangalore

Academic Qualifications

- Ph.D. (Computer Science & Engineering) from Visvesvaraya Technological University, Jul 22, 2021 .
- M.Tech. (Computer Science & Engineering) from B.I.E.T, Davanagere in 2011.
- B.E. (Computer Science & Engineering) from S.T.J. Institute of Technology, Ranebennur in 2008.

Roles and Responsibilities

- Institute website coordinator.
- Involved in the design and development of Institute Website: <http://www.bietdvg.edu>.
- NAAC Criterion-2 team member.
- NBA Criterion-3 team member.
- Entrepreneurship Development Cell member.
- Appointed as invigilator for NEET (UG) 2021 exam on Sep 12, 2021 .
- 'Crack the Code to Conquer the Interview' event coordinator conducted on Jul 31, 2021 and Aug 1, 2021 .
- In view of the Selection Committee meeting for Financial Assistance for innovative projects of Final year students for the year 2020-21, I was deputed to host and record the proceedings of the meeting.
- 'Blog-a-Thon' event coordinator conducted on Mar 25, 2021 .
- Involved in the design and development of Bapuji Educational Association (BEA) Website.

- Involved in the design and development of Employer, Alumni and Parents feedback form.
- Maintained Karnataka ISTE website <http://www.istekarnataka.com/>.
- Involved in the design and development of a web portal (college registration) for 14th VTU Youth festival held at BIET, Davanagere.
- Worked as a food committee member for ICATCCT the international conference held at BIET, Davanagere in 2015.
- Conducted IBM-BLUEMIX sessions for students and helped them to deploy their app on cloud.
- Actively involved in all activities conducted by the department. Learnathon: 24 hours non-stop coding contest.
- Actively involved in all activities conducted by the department. Hackathon: 'Building Chatbots using IBM Watson' 24 hours non-stop coding contest.

Core Subjects Taught

SN	SUBJECTS	TIMES
1	Data Structures and Applications	8
2	Design and Analysis of Algorithms	7
3	Programming Languages	3
4	Machine Learning	3
5	Python Application Programming	2
6	Big Data Analytics	1
7	Cloud Computing	1
8	Advance Java and J2EE	1
9	Programming in Java	1

Expert Lectures Delivered

- Delivered two days talk on "Crack the code to Conquer the Interview" for 6th semester CSE and ECE students on Jul 31, 2021 and Aug 1, 2021, held at CSE, BIET.
- In the view of NAAC document preparation, handled a session on "File Management using

Google Drive” for Institute NAAC coordinators of various departments on Jul 12, 2021 , held at CSE, BIET.

- Delivered a seminar on “Creational Design Pattern” under Faculty Lecture Series: Conclave 1.0 for CSE faculties held at CSE, BIET on Apr 27, 2021 .
- As a part of innovative teaching methods with regard to NAAC/NBA, handled a session on “Blog-a-Thon” creating blogs for all faculty members of BIET held on Mar 25, 2021 .
- Delivered a seminar on Object Oriented Programming with C++ for 6th semester students on Sep 28, 2016 , held at Bapuji B-schools.
- Delivered a talk on "Choose the right projects" for final year BCA students held at Bapuji B-schools on Aug 11, 2015 .
- Delivered a session for Bapuji Polytechnic faculty members on "Web Designing" on Jul 9, 2014 .

Awards & Achievements

- **Published papers/Book Chapters on:**
 - o Paper titled “Location Based Dexterous Study Analysis For Determination Of Yield Trends In Precision Agriculture”, is published in “International Journal of All Research Education & Scientific Methods”, Co-authors: Dr. Nirmala C R, Dr. Sreenivasa B R, ISBN:2455-6211, Volume: 9 Issue: 2, 189 -197, 2021.
 - o Book Chapter titled: "Modern Techniques for Agricultural Disease Management and Crop Yield Prediction", Authors: Naveen Kumar K R, Roopa G M, Arun kumar G Hiremath and Nirmala C R, Editors: N. Pradeep, Sandeep Kautish, C.R. Nirmala, Vishal Goyal and Sonia Abdellatif, ISBN-13 : 978-1522596332, Date:July 2019.
 - o Paper titled: "A Novel Approach for Management Zone Delineation by Classifying Spatial Multivariate Data and Analyzing Maps of Crop Yield", Authors: Naveen Kumar K R and Nirmala C R, International Journal on Future Revolution in Computer Science & Communication Engineering, ISSN: 2454-4248, Volume: 4 Issue: 959–66, Date: September 2018.
 - o Paper titled: "Food Management Application Using Ibm Bluemix Services", Authors: Naveen Kumar K R and Nirmala C R, International Journal of Engineering and Manufacturing Science, ISSN 2249-3115 Volume 8, pp. 55-63, Date: 2018.
 - o Paper titled: "Twitter data analysis for unemployment crisis", Authors: Naveen Kumar K R, Roopa G M and Nirmala C R, International Conference on Applied and Theoretical

Computing and Communication Technology (iCATccT), ISSN 2249-3115 Volume 8, pp. 55-63, DOI: 10.1109/ICATCCT.2015.7456920, Publisher: IEEE, Date: 29-31 Oct. 2015.

- **Presented a paper on:**
 - Presented paper titled: "Food Management Application Using Ibm Bluemix Services", Authors: Naveen Kumar K R and Nirmala C R, International Journal of Engineering and Manufacturing Science, ISSN 2249-3115 Volume 8, pp. 55-63, Date: 2018.
 - Presented paper titled: "Twitter data analysis for unemployment crisis", Authors: Naveen Kumar K R, Roopa G M and Nirmala C R, International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT), ISSN 2249-3115 Volume 8, pp. 55-63, DOI: 10.1109/ICATCCT.2015.7456920, Publisher: IEEE, Date: 29-31 Oct. 2015.
 - 'Flex Frame Work & AJAX Tools' and bagged 2nd Prize in the State Level Technical Paper Presentation Contest organized by ISTE Students Chapter 'AVISHKAR-2008 B.I.E.T, Davanagere on 8th March 2008'
 - 'Fluid Interface Using Flex' and felicitated with Certificate in the State Level Technical Paper Presentation Contest organized by ISTE Students Chapter during 'Discover – 2008 G.M.I.T.'
 - Secured 77% marks - a test conducted by the council for UN Information, a wing of USO, on 31 August 2001.
- DAA Lab Manual: Website Statistic Report
 - August Top Search performance for bietdvg.edu of 2021 - 1.62k visits
 - July Search performance for bietdvg.edu of 2021 - 1.52 visits.
- Participated in non stop 36 hours Coding Competition, contributing as Mentor in
 - "Smart India Hackathon 2019", under the Ministry of Rashtriya Chemicals and Fertilizers on Mar 2, 2019 and Mar 3, 2019 .
 - "Smart India Hackathon 2017", under the Ministry of Commerce and Industry on Apr 1, 2017 and Apr 2, 2017 .
- Certification of appreciation on "Building Chatbots Using Ibm Watson" held on Oct 11, 2018 to Oct 13, 2018 .
- Certification of appreciation for adopting Impartus Lecture Capture, Aug 11, 2018 .
- Certificate of Appreciation on 24hrs non-stop "Learnathon - Student Championship 2018", held on Feb 2, 2018 and Feb 3, 2018 .
- Bagged the Certification of completion 'Java Fundamentals' organised by Oracle Academy held on,

Jan 8, 2018 to Jan 12, 2018 .

- Grabbed 'A' in Python Programming & Database Concepts conducted by Infosys Limited on Dec 26, 2016 to Dec 30, 2016 and Jun 20, 2016 to Jun 25, 2016 .
- Bagged the overall grade: Very good from Student's Feedback result for subject: Programming Languages.
- Designed manual - "A Laboratory Course in Data Structures & Algorithms" for CS&E Dept.
- Grabbed grade 'A' in Introduction to the Design of Algorithms conducted by Indian Institute of Technology Kharagpur on May 30, 2015 .
- Designed manual - "A Laboratory Course in Data Structures & Algorithms" for CS&E Dept.

Seminars/Workshops Attended

- Google Android Kotlin Fundamentals
 - Date: Mar 8, 2021 to Mar 13, 2021
 - Organizer: Google
 - Place: Webinar
 - Days: Six
- Data Mining & Analytics
 - Date: Feb 17, 2021 to Feb 23, 2021
 - Organizer: School of Computer Science and Engineering, Reva University, Bengaluru.
 - Place: Webinar
 - Days: Six
- Modern Trends in AI and ML
 - Date: Jan 11, 2021 to Jan 16, 2021
 - Organizer: AICTE Sponsored one week Faculty Development Programme Organized By Department of Computer Science and Engineering ,Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur.
 - Place: Webinar
 - Days: Six
- Certificate course in Digital Teaching Techniques
 - Date: 29 - 06 - 2020 to 04 - 07 - 2020
 - Organizer: ICT Academy

- o Place: Webinar
 - o Days: Six
- RPADD Virtual Educator Readiness Session
 - o Date: Aug 23, 2021 to Aug 27, 2021
 - o Organizer: Ui Path
 - o Place: Webinar
 - o Days: Five
- Semantic Web
 - o Date: Feb 22, 2021 to Feb 26, 2021
 - o Organizer: Department of Information Science and Engineering RV Institute of Technology and Management, Bengaluru.
 - o Place: Webinar
 - o Days: Five
- Capacity Building
 - o Date: Feb 15, 2021 to Feb 19, 2021
 - o Organizer: AICTE Training And Learning (ATAL) Academy
 - o Place: Webinar
 - o Days: Five
- Potential Research Avenues in Computer Science and Biology
 - o Date: Jan 19, 2021 to Jan 23, 2021
 - o Organizer: AICTE (ATAL) FDP Programme
 - o Place: Webinar
 - o Days: Five
- Data Science and Big Data Analytics
 - o Date: Jan 21, 2020 to Jan 25, 2020
 - o Organizer: ICT Academy
 - o College: ICT Academy and BIET
 - o Place: BIET, Davanagere
 - o Days: Five
- Foundation Program 5.0
 - o Date: Dec 26, 2016 to Dec 30, 2016
 - o Organizer: Infosys Limited

- o College: Siddaganga Institute of Technology
 - o Place: Tumkur
 - o Days: Five
- Python Programming & Database Concepts
 - o Date: Jun 20, 2016 to Jun 25, 2016
 - o Organizer: Infosys Limited
 - o College: School of Engineering and Technology with Infosys Limited, Jain University
 - o Place: Bengaluru
 - o Days: Five
- Recent Research Trends In Information Technology - Vol.1
 - o Date: July 13, 2015 to July 17, 2015
 - o College: Dept. of Information Technology, Mukesh Patel School of Technology Management and Engineering (Mumbai Campus)
 - o Place: Mumbai
 - o Days: Five
- Introduction to Design of Algorithms
 - o Date: May 25, 2015 to May 30, 2015
 - o Organizer: Indian Institute of Technology Kharagpur
 - o College: U.B.D.T
 - o Place: Davangere
 - o Days: Five
- Simulation and TestBed Environment for research challenges in Wired and Wireless Networks
 - o Date: July 28, 2014 to August 2, 2014
 - o Organizer: Infosys Limited
 - o College: MSRIT
 - o Place: Bengaluru
 - o Days: Five
- Machine Learning
 - o Date: 19 - 07 - 2018 to 21 - 07 - 2018
 - o College: Dept. of Computer Science and Engineering & Information Science and Engineering, RNS Institute of Technology
 - o Place: Bengaluru

- o Days: Three
- Intellectual Property Rights (IPR) for computer related inventions
 - o Date: Aug 20, 2021 and Aug 21, 2021
 - o Organizer: R. N. G. Patel Institute of Technology
 - o Place: Webinar
 - o Days: Two
- OBE Lecture Series - 1
 - o Date: 06 - 06 - 2020 & 07 - 06 - 2020
 - o Organizer: WINSUN GLOBAL TECH
 - o Place: Webinar
 - o Days: Two
- Data Science and Analytics
 - o Date: November 10, 2017 and November 11, 2017
 - o College: PES University
 - o Place: Bengaluru
 - o Days: Two
- Why Intellectual Property is Important in Academia?
 - o Date: Aug 23, 2021
 - o Organizer: MHRD - Institute Innovation Council - Jain Institute of Technology, Davangere.
 - o Place: Webinar
 - o Days: One
- Role of Faculty in Implementation of NEP
 - o Date: Feb 20, 2021
 - o Organizer: Bharathiya Shikshan Mandal and NITI Aayog in collaboration with Basaveshwar Engineering College (Autonomous), Bagalkot.
 - o Place: Webinar
 - o Days: One
- Cyber Security for Sustainable Development
 - o Date: Feb 14, 2021
 - o Organizer: The Institution of Engineers (India)
 - o Place: Webinar
 - o Days: One

- National Education Policy 2020: Autonomy, Issues and Challenges
 - Date: Dec 10, 2020
 - Organizer: Training programme W30 organized by NITTTR Bhopal.
 - Place: Webinar
 - Days: One
- Intellectual Property Rights
 - Date: Oct 22, 2020
 - Organizer: KSCST and Indian Institute of Science campus
 - Place: Webinar
 - Days: One
- IoT in Agriculture: Karnataka Focus
 - Date: 17 - 08 - 2019
 - College: Dept. of Electrical Communication Engineering, Indian Institute of Science campus
 - Place: Bengaluru
 - Days: One
- Machine Learning to Deep Learning
 - Date: 23 - 02 - 2019
 - College: Dept. of Computer Science & Engineering with BCIC, Bapuji Institute of Engineering and Technology
 - Place: Davanagere
 - Days: One
- Bluemix Enablement Session
 - Date: 27 - 08 - 2014
 - College: IBM, Visvesvaraya Technological University (VTU)
 - Place: Belagavi
 - Days: One
- Android Application Development
 - Date: 26 - 03 - 2014
 - College: Master of Computer Applications (MCA) with ISTE Students' Chapter, Bapuji Institute of Engineering and Technology (BIET)
 - Place: Davanagere
 - Days: One

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- Research Add-ons
 - o Date: 19 - 03 - 2014
 - o College: Dept. of Computer Science and Engineering with ISTE Students' Chapter, Bapuji Institute of Engineering and Technology (BIET)
 - o Place: Davanagere
 - o Days: One