

Dr. Naveen Kumar K R

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Teaching Experience

Working as an Assistant professor in Bapuji Institute of Engineering and Technology, Davangere from Jan 16, 2014 - Till Date

Industry Experience

Software Developer at CloudByte Technologies India Pvt. Ltd., Bangalore from Sep 7, 2011 - Oct 31, 2012

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.
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Professional Memberships

- The Computer Science Teachers Association (CSTA) - 198357999466
- International Association of Engineers - 288482
- The Institution of Engineers (India) - AM1916155
- The Indian Society for Technical Education - LM125349

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 .
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Awards & Achievements

- **Published papers/Book Chapters on:**
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.

- o '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'
- o '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.'
- o 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
 - o August Top Search performance for bietdvg.edu of 2021 - 1.62k visits
 - o July Search performance for bietdvg.edu of 2021 - 1.52 visits.
- Participated in non stop 36 hours Coding Competition, contributing as Mentor in
 - o "Smart India Hackathon 2019", under the Ministry of Rashtriya Chemicals and Fertilizers on Mar 2, 2019 and Mar 3, 2019 .
 - o "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.
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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
 - Place: Webinar
 - Days: Six
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- RPADD Virtual Educator Readiness Session
 - Date: Aug 23, 2021 to Aug 27, 2021
 - 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
 - Date: Aug 20, 2021 and Aug 21, 2021
 - Organizer: R. N. G. Patel Institute of Technology
 - Place: Webinar
 - Days: Two
 - OBE Lecture Series - 1
 - Date: 06 - 06 - 2020 & 07 - 06 - 2020
 - Organizer: WINSUN GLOBAL TECH
 - Place: Webinar
 - Days: Two
 - Data Science and Analytics
 - Date: November 10, 2017 and November 11, 2017
 - College: PES University
 - Place: Bengaluru
 - Days: Two
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- Why Intellectual Property is Important in Academia?
 - Date: Aug 23, 2021
 - Organizer: MHRD - Institute Innovation Council - Jain Institute of Technology, Davangere.
 - Place: Webinar
 - Days: One
 - Role of Faculty in Implementation of NEP
 - Date: Feb 20, 2021
 - Organizer: Bharathiya Shikshan Mandal and NITI Aayog in collaboration with Basaveshwar Engineering College (Autonomous), Bagalkot.
 - Place: Webinar
 - Days: One
 - Cyber Security for Sustainable Development
 - Date: Feb 14, 2021
 - Organizer: The Institution of Engineers (India)
 - Place: Webinar

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

- o Place: Davanagere
 - o Days: One
- 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