



# PRAMODA R

**ASSISTANT PROFESSOR,  
DEPARTMENT OF AI&DS, BMSCE  
BENGALURU-19**

## HOW TO REACH ME

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## PERSONAL PROFILE

I am a creative teacher to learn, share and convey the knowledge among the young budding engineers of tomorrow, and proven experience in applying novel teaching pedagogy.

## AREAS OF EXPERTISE

- Hands-on C, Data Structure , Algorithms , Java, experience in E-Box Platform.
- Conducted replacement training sessions for students.

## Coding Languages

C  
Python  
HTML  
Java

## ACHIVEMENTS

- Initiated and involved in establishing a coding club in the campus. To help the students in solving real world problems developed a portal named as [www.ncetmonsterminds.com](http://www.ncetmonsterminds.com).
- Published two patents in IPR.
- Won two best paper award in international conferences

## WORK EXPERIENCE

### ASSISTANT PROFESSOR

Department of AI & DS,  
BMS College of Engineering Bengaluru since 11th Nov 2024.

- Former Assistant Professor at Dayanand Sagar University Bengaluru during Mar 2023 to Nov 2024.
- Former Assistant Professor at RNS Institute of Technology, Bengaluru-98 during Aug 2021 to Mar 2023.
- Former Assistant Professor at Nagarjuna College of Engineering and Technology, during Jan 2016 to July 2021.
- Involved in inculcating innovative teaching techniques.
- With robust problem solving skills provided clear understanding of real world problems.
- Guided students in using technology to support educational research.
- Involved in all the academic activities including NBA,NAAC,UGC, AICTE.

## EDUCATION HISTORY

PhD: Pursuing at VTU. R&D Centre : RNSIT

### Master of Technology in CSE

- Completed MTech in Computer Science and Engineering from VTU in the year 2015 with aggregate of 76.91%

### Bachelor of Engineering in ISE

- Completed BE in Information Science and Engineering from VTU in the year 2013 with aggregate of 72.75%

## PUBLICATIONS

- Published the paper “Smart Agriculture Monitoring System using ML” in International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-4, April 2020
- Presented the paper “AGRORATES: Agricultural yields rate prediction by using android” in International Conference on Recent Advances in Science and Engineering (ICRASE) in 2015 and [won best paper award](#) for the same and published in International Journal(IJRASE).
- Presented the paper “Dynamic RBAC model for cloud computing” in National Conference on Emerging Trends in Computer Science and Engineering in April, 2015 and the same is published in international publication.
- Published the paper “A Multi Route Knowledge based Routing Protocol for Reliable Packet Transmission in Industrial Wireless Sensor Networks” in Volume 2, Issue 12 (Dec 2015) of Journal ABHIYANTRIKI: An International Journal of Engineering & Technology (AIJET).
- Presented the paper “Techniques Which Brings Skywalk to Platform” in International Interdisciplinary Conference on Engineering Science & Management in 2016 [Goa and won best paper award](#) for the same & published in International Journal.
- Published the paper "Smart Agriculture Monitoring System using ML" – International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-4, April 2020.
- Published the paper "Emotion Recognition and Drowsiness Detection using Digital Image Processing and Python" International Journal of Scientific Research in Science and Technology, Online ISSN: 2395-602X (www.ijsrst.com) doi : 3 <https://doi.org/10.32628/IJSRST2183209>.
- Participated as resource person for conduction of “[Network Simulator 2](#)” with hands on training in VKIT, Bengaluru.
- Participated as resource person for conduction of “[Technical Skill Development](#)” with examples and materials in PDA, Kalburgi.
- Coordinated for “BRAINTECH-17 NETWORK AND CYBER SECURITY CHAMPIONSHIP” held at NCET Bengaluru on 07 th and 08 th Oct 2016 conducted by Azure Skynet solutions (P) ltd in association with ELAN-IIT Hyderabad.
- Member of Coding Club named [NCETMONSTERMINDS](#) through which organized various code challenge competitions.

## CERTIFICATIONS

- Certification on “AI for Future Workforce Program” from Intel and Dell Technologies
- Certification on “AWS Cloud Computing”
- Participated in three day faculty development program on 'Data Analytics using Python' jointly organized by departments of CSE, ISE, AI & ML and MCA during 25-28, Sept 2021 RNSIT Bengaluru.
- Attended online ATAL FDP on "Internet of Things (IoT)" organized by NIT Puducherry .
- Attended online ATAL FDP on "Machine Learning" organized by IIIT Dharwad ".
- Workshop on "Outcome Based Education" organized by IEEE SSIT - ES Joint Bangalore Chapter.
- Attended FDP on "Data Analytics using Python" jointly organized by departments of CSE, ISE, AI & ML and MCA during 25-28 September 2021, RNSIT Bengaluru-98.
- Certification on “Skills for Success - Communication and Relationship Skills”
- Faculty Development Program on “GNU/LINUX ”.
- Faculty Development Program on “Scilab - An open source programming language ”.
- ORACLE Certified Courses on HTML, CSS and Javascript.
- Participated in “International Symposium on Computational Science ISCS 2015” in DMAC, Sri Sathya Sai Institute of Higher Learning.
- Participated in five day workshop on “Faculty Orientation” conducted at VTU Regional centre Mysuru from 18th to 22nd Jan 2016.
- Attended the Workshop on Python organised by IIT, Bombay.
- Resource person in “Student Internet World-2014” jointly organized by Dept. of IT, BT and S & T, Govt. of Karnataka and INTEL for creating awareness on computers and its components for rural school children.

## ACADEMIC ROLES AND RESPONSIBILITIES

- Batch advisor for 2nd and 3rd year students at DSU.
- Coordinated 5 days Advanced C programming with placement perspective workshop for 3rd semester students conducted from 07 Sept – 12 Sept 2021.
- Conducted pre-placement classes for 5th semester students
- Resource person for Advanced C programming with placement perspective workshop organized by department of ISE, RNSIT.
- Conducted one week placement primed program for Non-IT branch students.
- Conducted placement classes for students
- Discipline Committee Member – Department level
- Criterion coordinator for NAAC accreditation.
- CSI Coordinator- College level
- UG Project Coordinator: Scrutiny, monitoring and coordination of UG Student projects during 2017 – 2018
- Hostel Vigilance Committee – Boy's Hostel
- Criteria 7 coordinator during NBA – 2017 accreditation
- Member of Organizing Committee for Global Conference of Advancements in Technology (GCAT) – 2019, NCET Bengaluru
- Organized for webinars and workshops at NCET
- Prepared course materials such as syllabus, homework assignments and handouts.
- Involved in all the academic activities including NBA, NAAC, UGC, AICTE.
- Department level sports coordinator

## COURSES HANDLED

- Application Development using Python
- Data structure
- Problem Solving through Programming
- Design and Analysis of Algorithms
- Object Oriented Concepts using Java
- Operating Systems
- Unix System Programming
- C programming
- Object oriented Programming using C++
- Logic Design
- Artificial Intelligence and Machine Learning
- Technical Aptitude and Group Discussion

## STRENGTHS

- My confidence and faith in the belief that nothing is impossible in this world.
- Self-motivation.
- Hardworking, positive attitude towards learning.