Dr. PRAMOD

#38 , B Block
5th Cross
Gopala Gowda Extension
Shivamogga -577205,

Email : pramod741230@gmail.com
Mobile No. : 9845802330, 9886890174

Carrier Objective

To work with a progressive organization in which I contribute my technical skills to enhance my own productivity at the same time achieving the organizational objectives with the attribute of time, quality and discipline.

Educational Qualification

Examination/ Degree	College / University	Year of Passing	% of Marks
Ph.D.	VTU, India.	January 2018	PhD Awarded
M.Tech (CS & E)	JNNCE, Shimoga / VTU, Karnataka, India.	2005	FCD
B.E (E&C)	JNNCE, Shimoga / Kuvempu University, Karnataka, India.	1998	FC

Experience Summary

Sl. No	Name of the Institute	Year of Working	Experience
1	PESITM , Shivamogga	Working as Associate Professor July 2017 to Till date	5+ Years
2.	East Point College of Engineering Tech., Bangalore, Karnataka.	Worked as Associate Professor 8-08-2007 -to- 21/09/2017	10 Years
3	CMRIT, Bangalore, Karnataka.	Worked as Senior Faculty 02-07-2005 to- August 2007	2 Years
4	CMRIT, Bangalore, Karnataka	Worked as Faculty Nov 2001 -to- 30-06-2003	3 Years
5	Worked as Corporate Trainer NIIT Technologies, Corporate Office, Bangalore	August 1998 to July 2001	2 years

Achievement and awards:

- Outstanding Faculty Mentor Award 2020 - 2021 from Novel Research Academy, registered under the Ministry of MSME, Government of India.
- Best Research Journal paper awarded by National Institute of Science Communication and Information Resources (NISCAIR).
- Authored a Text Book Titled "Programming in Python" .(ISBN: 978-81-954079-4-1)
- Wipro Certified Faculty [WCF] Certified by Talent Next WIPRO 2023.
- IFERP – Karnataka Chapter – Executive Committee Member
- Reviewer of Advances in Science, Technology and Engineering Systems Journal (ASTESJ),USA
- Initiated IFERP Student Chapter at PESITM , Shimoga.
- Initiated two MOU with Software Company at PESITM, Shimoga

Patent Details

- Published in the Official Journal of the Patent office, India, Application No. 202141011019A published in Patent Office Journal No. 12/2021 Dated 19.03.2021

- Published in the Official Journal of the Patent office, India Application No.202241052879 published in Patent Office of Journal no 09/2022 Dated: 23/09/2022 A USING MACHINE LEARNING IN AN INDUSTRIAL CONTROL NETWORK TO IMPROVE CYBERSECURITY OPERATIONS

Technical Skills

Operating System	:	Linux, Sun Solaris, Android ,Fedora
Languages	:	Python , Java , C, C++, Java, C# &. NET, XML,PHP
Database	:	Oracle 12g, Mysql.
Utilities	:	MS Office,

Subjects Handled: UG & PG

- Application Development using Python
- Cloud Computing and its Applications
- Java
- C# &.NET
- OOPS with C++
- Java & J2EE
- Microprocessor
- Computer Network
- Software Engineering
- OOMD
- Computer Concepts & C Programming
- C++ with OOPs
- Operating Systems
- Principles of Programming Languages
- Advanced Computer Architecture

Membership of Professional Societies:

- Life Member Computer Society of India, Bangalore , India
- Life Member of Indian Society for Technical Education, Bangalore, India
- Life Member of IFERP
- Faculty Coordinator for IFERP Student Chapter
- Scopus Author Id: 57373921000
- Orcid ID: 0000-0002-3998-8541
- Web of Science Researcher ID: GON-4299-2022

Resource Person for FDP:

- Resource Person for THREE DAYS NATIONAL ONLINE WORKSHOP ON DATA EXPLORATION THROUGH PYTHON. from 09 to 11 December 2022 ,Organized by HI LEARN EDUTECH INSTITUTE in association with PESITM, SHIMOGA
- Resource Person for IFERP- FDP "Advance AI & Data Analytics 14/12/2022 to 20/12/2022.
- Resource Person for "Numerical methods and Scientific computing with Python" from 16/11/2022 to 26/11/2022, Organized by Department of CSE, PESITM, Shimoga
- Resource Person for **Python Programming and data exploration on Google Colab** on 18th November 2022.   The Department of CSE, Gopalan College of Engineering and Management, Bangalore is organized the Webinar.
- Resource Person for OOPS Concepts for Final year students at Gopalan College of Engineering and Management, Bangalore
- Resource Person for One Week Python Programming for One Week FDP at PESITM Shimoga January 2018.

PhD Research Guide:

One Research Scholar submitted the PhD Thesis and waiting for Final Defense Viva Voce.

Two Research Scholar enrolled for the year 2022 and 2023.

Details of International Journals, Publications, International and National Conferences

International Conferences Attended

[1] International Conferences on Soft Engineering - "Software Quality – The Road Ahead", (Tutorial) at Chancery Pavilion, Bangalore, Karnataka, India, on 17-02-2011.
[2] International Conferences on Soft Engineering - "Software Quality – The Road Ahead", (Seminars/Presentations) at Chancery Pavilion, Bangalore, Karnataka, India, from 18-02-2011 to 19-02-2011.
[3] International Conferences on Advances in cloud Computing, September 19 & 20 th, 2013 at NIMHANS Convention Center, Bangalore, CSI Chapter
[4] International conference i2 Connect May 11 and 12th at PESITM , Shimoga ,IEEE Bangalore Chapter
[5] Program Chair of National Conference NCED 2020, PESITM, Shimoga,2021 July

National Conferences Attended

[1] "Recent Trends in Wireless Sensor Networks", Organized by Department of Information Science & Engineering, SAMBHRAM Institute of Technology, Karnataka, India, held on 14-05-2011.
[2]"Conference on Image processing", EPCET, Bangalore, 2007.

3. Workshops Attended

1. Faculty Development Program on "Digital Image Processing Using Matlab" ,20th to 24th February 2023, IFERP
2. Advance AI & Data Analytics With Implementation Techniques" which starts from 12th December to 16th December 2022.
3. R-programming, DY Patil University, Pune and IIT Bombay, 11/5/2020 to 16/5/2020.
4. Data Science using Python Lakireddybali Reddy College of Engineering Mylavaram, Andra Pradesh, 15/5/202 to 24/5/2020 (10 days)
5. Undergone three days FDP on Research funding at PESITM , Shimoga, May 2019
6. Undergone two days workshop on NAAC awareness at Jain University Feb 2019
7. Undergone two days workshop on IOT, CISCO –RVCE , November 2018
8. Undergone Training for six days on Cloud Infrastructure Services, Conducted by EMC corporation on July 2015.
9. Undergone Training for 3 days Android Programming , Infosys trainer program at Bangalore Jan 2014.
10. Faculty Development Program at East Point College of Engineering Technology, Bangalore, Karnataka, India, from 12-07-2010 to 16-07-2010 (5 Days Workshop).
11. "Cloud Computing" By VMWARE SOFTWARE INDIA PRIVATE LIMITED at East Point College of Engineering Technology, Bangalore, Karnataka, India, on 08-12-2010 (1 Day Workshop).
12. Workshop on FDP(two days) by WIPRO, at EPCET, April 2009.
13. Mission 10X – Faculty Development Program by WIPRO, at EPCET, Feb 2009.
14. L&T Faculty Development Program, L&T Campus, Bangalore, 2008.
15. Workshop / Training (Two Days) on NBA Accreditation at EPCET, Bangalore.
16. Workshop on Image processing, EPCET, Bangalore, 2007.
17. Workshop on SAN Technology, EPCET, Bangalore, 2006.

Selected Research Papers:

International Journals: 23

1. A Novel Method to secure e voting system using TPM published in International Journal of advancement in engineering Technology, Voume1 issue 2 July 2014, ISSN No:2349-3224
2. Allocation of Resources Dynamically in Data Center for Cloud Environment ,published in International Journal of advancement in engineering Technology, Voume1 issue 3 August 2014, ISSN No:2349-3224.
3. Mobile Trust Monitoring system for securing Mobile Cloud Computing Environment, ICIOT, 2016

4. Feature extraction and Segmentation of CT Scan Brain Images International Conference on Computer Science and Information Technology on 17th – 18th, Sept 2010
5. Trusted platform module based user attestation architecture for cloud infrastructure International Journal of Engineering Research ISSN:2319-6890)(online),2347-5013(print)
6. Portable TPM Based User Attestation Architecture for Cloud Environments , Global Journal of Computer Science and Technology: B Cloud and Distributed Volume 15 Issue 1 Version 1.0 Year 2015
7. Trustedplatformmodulebaseduserattestationarchitectureforcloudinfrastructure, May 2016 IJAER
8. TPM Based on Board Hardware Assisted Secure Storage credentials for Personal Computer [Scopus Index]Proceedings
9. A Novel Approach to Enhance Security in Cloud based SERBAC ISSN (e): 2250 – 3005 ,Volume, 07 ,Issue, 09, September – 2017 ,International Journal of Computational Engineering Research (IJCER)
10. Securing SaaS Cloud Infrastructure Using Portable TPM, ISSN (e): 2250 – 3005 , Volume, 08 Issue, 8th August – 2018 .International Journal of Computational Engineering Research (IJCER)
11. Optimization method for Energy Aware Scheduling Using CloudSim Datacenters , paper under review from 1 Month.
12. Intelligent Attack Detection Model in IoT using Optimal Feature Selection incorporated with Optimized Deep Learning Architecture. Paper under review from one week ICICT-2020 (London, UK) || Springer AISC Series:--Special Session (1)July 2021 TURCOMAT Q4 Journal SCI
13. Das, A.., and Pramod. "A Novel Deep Learning Model to Enhance Network Traffic Monitoring for Cybersecurity" in International Journal of Intelligent Systems and Applications in Engineering, vol. 10, no. 1s, Oct. 2022, pp. 335 -, https://ijisae.org/index.php/IJISAE/article/view/2299. Scopus Indexed Journal
14. Abhijit Das and Pramod. "AN ENHANCED OPTIMIZATION MODEL WITH ENSEMBLE AUTOENCODER FOR ZERO-DAY ATTACK DETECTION" in Journal of Theoretical and Applied Information Technology Vol 100 December 15, 2022, Issue 23. ISSN: 1992-8645, E-ISSN: 1817-3195, https://doi.org/10.5281/zenodo.7493062 www.jatit.org , Scopus Indexed Journal
15. Abhijit Das and Pramod. "A Novel Efficient Approach for Identifying Network Intrusion in an Automated Process Control Computer System" International Journal of Electrical and Electronics Research (IJEER), Publication on December 31st, 2022. e-ISSN: 2347-470X https://doi.org/10.37391/IJEER.100472 Scopus Indexed Journal
16. Abhijit Das, and Pramod. "A Novel Ensemble Model Using Learning Classifiers to Enhance Malware Detection for Cyber Security Systems". International Journal on Recent and Innovation Trends in Computing and Communication, vol. 10, no. 1s, Dec. 2022, pp. 31-43, doi:10.17762/ijritcc.v10i1s.5793.
17. Abhijit Das, Pramod, "Exploratory Analysis on Anomaly-based IDS Data Using DASK and Ensemble Learning: A Data Parallelization Approach," *International Journal of Engineering Trends and Technology*, vol. 70, no. 12, pp. 370-391, 2022. Crossref, https://doi.org/10.14445/22315381/IJETT-V70I12P236
18. Abhijit Das, S G Balakrishnan and Pramod, "Network Intrusion Detection System based on Generative Adversarial Network for Attack Detection" International Journal of Advanced Computer Science and Applications(IJACSA), 12(11), 2021. http://dx.doi.org/10.14569/IJACSA.2021.0121186
19. Abhijit Das, Pramod and Sunitha B S, "Anomaly-based Network Intrusion Detection using Ensemble Machine Learning Approach" International Journal of Advanced Computer Science and Applications(IJACSA), 13(2), 2022. http://dx.doi.org/10.14569/IJACSA.2022.0130275
20. Abhijit Das, Pramod and Sunitha B S, "An Efficient Feature Selection Approach for Intrusion Detection System using Decision Tree" International Journal of Advanced Computer Science and Applications(IJACSA), 13(2), 2022. http://dx.doi.org/10.14569/IJACSA.2022.0130276

21. Abhijit Das, Pramod and Sunitha B S, "Deep Reinforcement Learning based Ensemble Model for Intrusion Detection System" International Journal of Advanced Computer Science and Applications(IJACSA), 13(5), 2022.
22. Abhijit Das, Pramod and Sunitha B S, "A Deep Learning Approach to Enhance Network Intrusion Detection Capabilities for Cyber Security " International Journal of Advanced Computer Science and Applications(IJACSA), 13(5), 2022.
23. Abhijit Das, Pramod and Sunitha B S, "Design and Development of an Efficient Network Intrusion Detection System Using Ensemble Machine Learning Techniques for Wifi Environments" International Journal of Advanced Computer Science and Applications(IJACSA), 13(5), 2022.

National Journal: 03

1. Multi sensor image fusion based on fuzzy neural Network, national conference, Don Bosco institute of Technology ,2017
2. Dynamic Resource allocation in Cloud Computing at CBIT, Bangalore,2010
3. Ensure Secure Data Communication in Cloud Environment, DON BOSCO College of Eng. Bangalore.2011
4.

E Learning Certification

Online Certification from UDEMY on Python Programming Jan 2021
Online Certification from Bit Degree on Learn Web Programming Jan 2020

Reviewer for Conferences/Journal

- Reviewer for National Conference on "Emerging Innovations in Computer Science & Technology " (NCEICT-2023) at PESITM, Shivamogga
- Reviewer for IEEE International Conference on Data Science and Network Security (ICDSNS) at KIT, Tiptur
- Reviewer Invitation for ICIASC-2023: International Conference On Intelligent And Smart Computation : Chandigarh University (CU)
- Reviewer for InCACCT-2023).Chandigarh University, Punjab
- Reviewer for ICRTEC 2023, NIE ,Mysore
- Reviewer for IAC-2023, Eudoxia Research University, USA
- Review board member of the journal IJERT (International Journal of Engineering Research and Technology)
- Review board member of the JETIR - Journal of Emerging Technologies and Innovative Research.

Extra curricular activities

- ECC Coordinator for Prerana 2023, PESITM , SHIMOGA
- Nominated as Judge for event " technical Seminar " Presentation at JNNCE Shimoga
- Nominated as Judge for event " Industry Open Challenges " i2 Connect , IEEE chapter
- Department Placement Coordinator at EPCET, Bangalore.
- Infosys Campus Coordinator at EPCET, Bangalore
- Represented Department Staff Team in Cricket at EPCET, Bangalore.
- Stage Coordinator during College Fest at EPCET, Bangalore.
- Departmental Forum Activities Coordinator at EPCET, Bangalore.
- Events Coordinator during college Fest at CMRIT, Bangalore.

UG /PG Project Guidance:

Over Twenty (PG) **MTech students** Guided as Internal Guide, for various Projects in the area such as Cloud computing and Mobile Applications and Wireless sensor node. Evaluated over 30 MTech Thesis as External Examiner, VTU, REVA University, India.
Recent Projects Guided, VTU , India

Guided Over six Project Batches during 2020-23 having Industry Collaboration with Sixaxis Ltd, Bangalore & Login ware Technologies , Bangalore and PraLotech Solutions , Bangalore

Administrative / Other Role & Responsibilities:

1) IQAC Coodriantor , PESITM , SHIMOGA during AY:2021-22.
2) Cultural Coordinator , Prerana 2023, PESITM, Shimoga
3) Department NAAC and NBA Coordinator , PESITM, Shimoga
4) In Charge of MOU with Industries , In Charge of Three Center of Excellence ,SRICHID, PraLotech and Contriver Solutions, Bangalore.
5) A- View Coordinator E Shikshana, VTU, PESIM , Shimoga
6) ECC Head , College Level, PESIM , Shimoga
7) Guided KSCST Approved Batch at EPCET won Prize at National Level for Best Project.
8) Member of Board of studies RV college of Engineering, Bangalore. 2019
9) Paper setting for VTU and RVCE ,REVATM ,Bangalore
10) Have played an active role in getting NBA Accreditation for Computer Science & engineering Department in East Point College of Engineering & Technology, Bangalore. During 2007-2010.
11) Acted as Sports Coordinator in East Point College of Engineering & Technology, Bangalore.
    Acted as Forum activity Coordinator in East Point College of Engineering & Technology, Bangalore.
12) Acted as Member for Anti raging Committee, to curb Raging in the Campus in East Point College of Engineering & Technology, Bangalore.
13) Acted as Seminar Coordinator(UG), Dept of CSE-at East Point College of Engineering & Technology, Bangalore.
14) Conducted UG/PG Examination – VTU (Final exams Theory)- 2008, under Dr B.G Prasad, HOD, department of Computer Science and Engineering, EPCET, Bangalore.
15) Practical Examinations Duty Allotment – South Zone - I, November-2012, Bangalore, Under B.R. Prasad Babu, BOE Chairman CSE/ISE, Department of CSE, EPCET, Bangalore.
16) Practical Examinations Duty Allotment – South Zone - I, November-2009, Bangalore, Under B.G. Prasad, BOE Chairman CSE/ISE, Department of CSE, EPCET, Bangalore.
17) Acted as Project Seminar Coordinator(UG), Dept of CSE-at CMRIT, Bangalore.
18) Acted as Seminar Coordinator(UG), CMRIT, Bangalore

Personal Information

Date of Birth	:	13/12/1974
Nationality	:	Indian
Sex	:	Male
Married Status	:	Married
Languages Known	:	Kannada, English, Hindi

I hereby assure that the above is true to the best of my knowledge.
Thanking you

Date :29/04/2023
Place: Shimoga   **(Dr.PRAMOD)**