**H.K.E Society´s**

# Poojya Doddappa Appa College of Engineering, Kalaburagi

## FACULTY PROFILE FORMAT

| Personal Details | |
|---|---|
| **Name:  DR. RADHA B. KALASKAR** | |
| **Designation:  Associate Professor** | |
| **Department: Computer Science and Engineering** | |
| **College Address:  PDA College of Engineering, Kalaburagi** | |
| **Contact: 9481641465** | |
| **E-mail id(college mail id): radhabk@pdaengg.com** | |

| Areas of Interest | Networking, Big Data |
|---|---|

| Subjects Taught | |
|---|---|
| **UG** | **PG** |
| 1.  Principles of Programming Using C | 1.Wireles Sensor Networks |
| 2. C & UNIX Programming | 2.Wireless Communication |
| 3.  Data Structures | 3.Internet of Things |
| 4.  Analysis and Design of Algorithms | 4.Advanced Operating System |
| 5.  Data Base Management Systems | |
| 6.  Operating Systems | |
| 7.  Web Technology | |

| Academic Background | | | | |
|---|---|---|---|---|
| Degree | Specialization | Name of the Institute | University | Month and Year of Passing |
| **Ph.D** | Networking | PDA College of Engineering | VTU, Belagavi | March 2022 |
| **PG (M.Tech /M.E)** | Computer Science and Engineering | RRS College of Engineering& Technology, Hyderabad | JNTU, Hyderabad | 2013 |
| **UG (B.Tech /B.E)** | Computer Science and Engineering | IEI | IEI, Kolkata | 2008 |

| Work Experience | | | | |
|---|---|---|---|---|
| **Name of the Institution** | **Position** | **From** | **To** | |
| PDA College of Engineering | Instructor | 05-08-1989 | 13-02-2009 | |
| PDA College of Engineering | Asst. Professor | 13-02-2009 | Till Today | |
| **Total Experience** | 36 Yrs | **Teaching** | 16 Yrs | **Research** | | **Administration** | |

| Research Publications | | | | | |
|---|---|---|---|---|---|
| **Total Number of Publications** | **International Journal** | **National Journal** | **International Conference** | **National Conference** | **Total** |
| | 08 | 01 | 08 | 05 | 22 |

| Recent Publications (Journals) | |
|---|---|
| 1. | "A Study on Healthcare Monitoring Using Big Data through Wireless Sensor" , International Journal of Engineering &Technical in CSE (IJETCSE) |
| 2. | " A Real Time Big Data Analytics Framework Over Cloud for Pulse Oximeter Signal Analysis using Azure",@ International Journal of engineering & Technical in CSE ( IJETCSE) |
| 3. | "Real Time Ambulatory Monitoring System ", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, P-ISSN:2395-0072, Volume:04, Issue: 05, DOI:10.1126 (UGC Approved) |
| 4. | "A Novel Framework for Prediction and Detection of Myocardial Ischemia with Single Lead ECG and PAT" ( IEEE) |
| 5. | "Forecasting Ventricular Deviation in Monitoring of Live ECG Signal" ( IJMLNCE) |

| 6. | "An End-to-End Point of Care Cardiovascular Body Sensor Network with Cloud Service ", @ Second International Conference Emerging Trend in Science and Technologies for Engineering Systems (ICETSE-2019) with Unpaid Scopus Indexed Journal, IJRTE) ISSN: 2277-3878, Volume-8, Issue-1C, PP No. 30-33, May 2019 |
|---|---|
| 7. | "Hrudyalysis: A Novel Cloud-Based ECG Analytics Method", International Journal of Recent Technology and Engineering (IJRTE Scopus Indexed) ISSN: 2277-3878, Volume-8 Issue-3, Page No. 2508-2515, September 2019. |
| 8. | "Real Time Ambulatory Monitoring System" International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Volume: 04 Issue: 05 \| May -2017 www.irjet.net p-ISSN: 2395-0072 |
| 9. | Remote Health Care Monitoring System Through IoT , © 2018 JETIR May 2018, Volume 5, Issue 5 www.jetir.org (ISSN-2349-5162) |
| 10. | "IoT based Smart Appliances Monitoring Fault Detection" , © 2018 JETIR May 2018, Volume 5, Issue 5 www.jetir.org (ISSN-2349-5162) |

| Memberships in Professional Bodies | |
|---|---|
| **S.No.** | **Name of the Professional Body** |
| 1. | The Indian Society for Technical Education (ISTE)  - LM-9334 |
| 2. | Institute of Engineers India (IEI)  M-1578574 |
| 3. | Institute of scholars INSC (InSc)  InSc2019D6BC |

| Programs Organized | |
|---|---|
| 1. | FDP Organized on "Featuring User Interface Using Python", 24th – 26th March 2017, PDACEK |
| 2. | Workshop Coordinator (Applications of IOT with Industry and Smart City Perspective) March – 2019, CSE, PDACEK |

| Training Programmes Attended | |
|---|---|
| 1. | "Document Preparation for Research publications" , April  2nd  to 4th  , 2010 at PDA Gulbarga |
| 2. | "Data mining with prediction analysis software 3odeler" , April 17th to 18th , 2010 at PDA Gulbarga |
| 3. | "Android : A mobile Device Operating System ",  September , 18th to 19th , 201at PDA Gulbarga |
| 4. | "Software Testing and Test Automation ",  February  17th to 19th, 2012 at KLE Hubli |
| 5. | "Exploring New learning Opportunities in IT and Embedded Domain", October  5th to 6th  at PDA Gulbarga |

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| 6 | "Recent Advanced in Communication and Signal Processing (RACSP-2013), January 21$^{st}$ to 25$^{th}$ 2013. At PDA Gulbarga |
| 7 | "Database Management System ", May 21$^{st}$ to 31$^{st}$, 2013 at SJCE Mysore |
| 8 | Faculty Enablement Program on " Foundation Program 3.1" conducted by Infosys limited at Mangalore, 22$^{nd}$ to 26$^{th}$ July 2013 |
| 9 | "Wireless Network Simulators", January 24$^{th}$ to 25$^{th}$ 2014 at CMR Hyderabad |
| 10 | "Advanced Techniques for Simulation of Wireless Networks", February 13$^{th}$ to 17$^{th}$ 2014 at Godutai Engineering College , Gulbarga |
| 11 | "Current & Future Research Trends in Wired & wireless Networks (CFRTWN-2014), September 6$^{th}$ to 7$^{th}$ 2014 at AIT Gulbarga |
| 12 | " Performance Analysis of Computer Networks (PACN) ", September 22$^{nd}$ to 26$^{th}$ 2014 at PDA Gulbarga |
| 13 | "MATLAB & its applications in Digital image Processing & Pattern Recognition ", October 13$^{th}$ to 17$^{th}$ 2014 at PDA Gulbarga |
| 14 | "Pedagogy for Effective use of ICT in Engineering Education", (IIT Bombay) January 5$^{th}$ to 31$^{st}$ 2015 at Walchand College of Engineering Solapur from IIT Bombay |
| 15 | "Network Simulation Using NS-3 ", 1$^{st}$ to 5$^{th}$ June 2015 at NMIT Bangalore |
| 16 | "Pedagogical skills Training for Engineering Teachers", 27$^{th}$ Feb – 3$^{rd}$ March 2017, PDACEK |
| 17 | "Automation using Internet of Things", 23$^{rd}$ – 28$^{th}$ Jan 2017, PDACEK |
| 18 | "Software Testing & Tool Workshop", 29$^{th}$-30$^{th}$ March 2017, CSE, PDACEK |
| 19 | "Featuring User Interface Using Python", 24$^{th}$ – 26$^{th}$ March 2017, PDACEK |
| 20 | "Data Analytics using R-Programming", 7$^{th}$ – 11$^{th}$ March 2017, PDACEK |
| 21 | "Real Time Data ware Housing & Visualization", 24$^{th}$ – 26$^{th}$ March 2017, PDACEK |
| 22 | "Machine Intelligence for Data Analysis Using Python", 4$^{th}$ – 9$^{th}$ April 2018, PDACEK |
| 23 | "Outcome based Education: a Transformation Approach for Quality Education", 21$^{st}$ – 23$^{rd}$ June, 2018, ISE, PDACEK |
| 24 | "Discrete Mathematical Structures", 27$^{th}$ – 31$^{st}$ July, 2018, VTU, Centre of PG Studies& Regional Office, Kalaburagi |
| 25 | "CYBER SECURITY", 14$^{th}$ – 18$^{th}$ March 2019, PDACEK |
| 26 | "Graphical System Design in Engineering and Research Applications", 9$^{th}$ – 13$^{th}$ Aug 2019, EIE, PDAECK |
| 27 | "Python Programming to Manage EXCEL Sheets", 9$^{th}$ Aug 2020, EWCE, Bangalore, |
| 28 | "Doing Research: Changes , Dos and Don'ts", 16$^{th}$ June 2020, GSSS institute of Engineering & Technology for women, Mysore. |
| 29 | "How to build a Positive Attitude and Positive State of Mind", 5$^{th}$ June 2020, BMS College of Engineering, Bangalore |

| 30 | "Block Chain Technology" , 26th – 28th May 2020 , Kallam Haranadhareddy Institute of Technology , Guntur – AP |
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| 31 | "Cyber Security and Tools", 19th  – 29th  Dec, 2020, CSE, PDACEK |
| 32 | "Block Chain Technology", 2nd -6th Nov, 2020 , ATAL, ISE, PDACEK |
| 33 | "An Overview of Teaching Techniques in Innovation & Design Thinking", PDAECK , 27th to 31st Dec 2021 |
| 34 | "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education, AICTE New Delhi , 2nd to 6th Aug 2021 |

| Role & Responsibilities | |
|---|---|
| 1. | Preparation of  Lab Manuals |
| 2. | Workshop Coordinator (Applications of IOT with Industry and Smart City Perspective) |
| 3. | Alumni Meet Coordinator |
| 4. | Parents Meet Coordinator |
| 4. | Time-Table Coordinator |
| 5. | BOS member |
| 6. | PAC member |
| 7. | Squad duty, Invigilation Duty, Paper Evaluation |