

## Faculty Profile Format

1. **Name:** Hrudya K P
2. **Designation:** Guest Lecturer-Computer Science Department
3. **Email Id-** hrudya@prajyotiniketan.edu.in
4. **Educational qualifications:**MTech in Software Engineering
5. **Experience in other academic institutions:**  
2007-2009-Lecturer in Applied Electronics and Instrumentation  
Department,ASIET,Kalady  
2011-to 2015- Assistant Professor in Applied Electronics &Instrumentation  
Department,IES College of Engineering,Chittilappilly  
2015-2023- Assistant Professor in Computer Science & Engineering Department  
,IES College of Engineering ,Chittilappilly
6. **International/national seminars attended/organised-Faculty Development Programs attended-**
  - 1)KTU Sponsored Five Days Offline Faculty Development Programme-Medical Image Analysis using Deep Learning Techniques-Organized by Sahrdaya College,Kodakara
  - 2)KTU Sponsored Five Days Offline Faculty Development Programme -Advancements in Technology for interdisciplinary Research.Organised by Department of Electronics and Communication,Universal Engineering College ,Vallivattom
  - 3)5 days online FDP on Innovation and Recent Advancement on AI & MI-Industry Practices & Perspectives conducted by TCS in association with Vidya Centre for AI and Research(VCAIR)
  - 4)Attended 5 days workshop in Deep Learning organized by Department of Computer application,Cochin University of Science and Technology
  - 5)10 days winter school in Machine learning and NLP organized by ICFOSS at Technopark ,Trivandrum.
  - 6)5 days Training And Learning (ATAL) Academy Online Elementary FDP on "Virtual and Augmented Reality for Robotics" at Vimal Jyothi Engineering College
7. **Papers presented-1."** Performance Analysis of MANET Routing Protocol vs. Mobility Models A Literature survey", ISCSER-2011- National Conference on Impact of Soft Computing on Software Engineering Research,Shri Ram Murti Smarak College Of Engg and Technology,Bareilly,UP  
2. "Performance Analysis of MANET Routing Protocols Under RPGM Model by Varying Transmission Range", imac4s-2013.IEEE International Multi Conference on

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**Automation, Computing, Control, Communication and Compressed Sensing, School of Electronics St Josephs College of Engg and Technology, Palai, Kottayam**

### **8. Articles, monographs published referred journals:**

**1) "Impact of Mobility on Different Routing Approaches in MANETs"-International Journal of Computer Applications , Volume 67, No 23, April 2013**

**2). "A Survey on WCE Abnormality Detection Methods"- International Journal for Research in Applied Science and Engineering Technology, paper ID - IJRASET11285, Volume 5, Issue XI, November 2017**

**3). "Computer System For Automatic WCE Abnormality Detection And Risk Prediction"- International Journal Of Innovative Research In Technology, PAPER ID-145632, Volume 4 Issue 10 March 2018**

**4) A Survey on Various Fall detection Methods ", International Journal for Scientific Research and Development, ISSN-23210613, Volume 8, Issue 1, March 2020**

**5) "A Survey on Heart Disease prediction using Machine Learning Algorithms" IJARIE- ISSN(O)-2395-4396, Vol-7 Issue-3 2021**

**6). "Quantitative evaluation of an automated cone-based breast ultrasound scanner for MRI-3D US image fusion", International Journal of Advance Research & Innovative Ideas In Education (IJARIE), Volume 8, issue 3, 2022**

**7) Machine learning methods for Fake news detection - Literature Survey", International Journal Of Advance Research And Innovative Ideas In Education, Volume 2, 2022**

**8) Stress Detection in IT Professional by Image Processing and Machine Learning, International Journal of Innovative Research in Engineering Special Issue, Volume 4, Issue 3 (May-June 2023)**

### **9. Other major/minor research/projects undertaken-**

**1) Pose Estimation in Physiotherapy using ML**

**2) Vet Care APP**

**3) Transcription App.**

**10. Administrative experience-NIL**

**11. Awards/Recognition/Achievement**

**12. Membership in professional bodies:ISTE**

**13. Extension Activities/Responsibilities**

**14. Patents**

**15. PhD produced/guidance**

**16. Positions held:**

## **Faculty Profile Format**

**FOSS CELL Staff Coordinator,IESCE,Chittilappilly**

**IEDC Computer Science Department coordinator,IESCE,Chittilappilly**

**17. Involvement in Online academic activities**

**18. Experience/Role in conducting examinations -2018-2020-Exam Cell**

**Representative ,IESCE,Chittilappilly**

**19. Countries visited**

**20. Fellowships received**