

BIODATA

1. Name : Mr. G. KARTHIK
2. Designation : TEACHING FELLOW
3. Email : karthikannauniv99@gmail.com
4. Intercom No. : 044-22358895
5. Degree : B.E, M.E, PhD
 - (I) UG B.E. in ELECTRONICS AND COMMUNICATION ENGG, JERUSALEM COLLEGE OF ENGINEERING, ANNA UNIVERSITY 2010.
 - (II) PG M.E. in BIOMEDICAL ENGINEERING ,COLLEGE OF ENGINEERING, ANNA UNIVERSITY,GUINDY, CHENNAI 2012.
 - (III) PhD in ELECTRONICS AND COMMUNICATION ENGG, COLLEGE OF ENGINEERING, ANNA UNIVERSITY,GUINDY, CHENNAI 2021.
6. Area(s) of Specialization : Image Processing
7. Membership in Professional Organization (Eg. IEEE) : NIL
8. Details of Papers Published in International Journals : **1**

KARTHIK G, MUTTAN S "m Health Application for Anemia Diagnosis Using Mobile Microscope ", IET IMAGE PROCESSING, Vol. 10, pp. 23478-28732 (2020).
9. Details of Papers Published in National Journals: NIL

10. Details of Papers Published in International Conferences : **2**

KARTHIK G, MUTTAN S "Automated Malaria Diagnosis Using Microscopic Images", 3rd International Conference on Inventive Systems and Control ICISC (2019).

KARTHIK G, MUTTAN S "Automated Differential Diagnosis from Blood Smear Images", 3rd International Conference on Inventive Systems and Control ICISC (2019).

11. Details of Papers Published in National Conferences: NIL

12. Details of STTP / FDP / Workshop attended: **30**

1. Participated in a National Level Technical Seminar on "Optimization in Engineering and Management Research" organized by Department of Industrial Engineering, Anna University, Chennai.
2. Participated on "Author Workshop" conducted by Springer and Edanz, Department of IST, Anna University, Chennai.
3. Attended a UGC Sponsored on "Research Methodology, Techniques of Writing Research Articles" organized by Anna University, Chennai.
4. Participated in a Seminar on "WBAN- Challenges and Enabling Technologies" organized by Department of ECE, Anna University, INDIA.
5. Participated in a Seminar on "MATLAB & Simulink for Engineering Education" organized by Anna University, INDIA.
6. Attended a Workshop on "Cognitive Radio Networks- Enabling Technologies and Challenges" organized by Anna University, INDIA.
7. Participated in a National level workshop on "Writing Science, Engineering and Technology in Tamil" organized by Anna University, INDIA.

8. Attended a Workshop on "Digital Custom IC Design using Cadence EDA Tools" organized by Anna University, INDIA.
9. Participated in a International level conference on "SOFTWARE DEFINED NETWORKING" organized by Anna University, INDIA.
10. Attended a National level seminar on "Technology Developed for Societal Applications" organized by Anna University, INDIA.
11. Participated in a National level workshop on ""How to Write Research Papers Effectively"" organized by Anna University, INDIA.
12. Participated in a National level workshop on ""FPGA Design Flow using Xilinx Vivado"" organized by Anna University, INDIA.
13. Webinar - VHDL / Verilog Programming (Code C) (13-07-2020-17-07-2020).
14. Webinar On" MATLAB Interfacing Artificial Intelligence" 13July 2020.
15. Webinar "Person Identifier Using Python and OpenCV".14July 2020.
16. Webinar " IoT Systems" 17July 2020.
17. Webinar "Cognitive Radio" 20 July 2020.
18. Webinar "Python Programming" 23 July 2020.
19. FDP- "Recent Advancements in Semiconductor Technologies - RASET 20" October 9-14, 2020.
20. FDP –"End to End Processes in Data Analytics" November 2-6, 2020.
21. Participated in the six days AICTE sponsored short term training program KCG college of Technology " IoT Powered Solutions for health care Innovations" Nov 30th to Dec 5th 2020.
22. Participated AICTE Sponsored Two Weeks FDP on "Trends and Challenges in Power Converters and control" 04-05-2021 to 18-05-2021, CEG Guindy.

23. Participated UGC Sponsored seminar on "WBAN Sensing and signal Processing Challenges" organized by Anna University, INDIA.
24. Attended a Two Days Workshop on "Recent Research Techniques in Next Generation Wireless Technologies" organized by Anna University, INDIA.
25. Attended a Regional Training Programme on "URKUND-An Anti-Plagiarism Detection Tool" organized by Anna University and INFLIBNET Centre, INDIA.
26. Attended a Two Days Workshop on "Advancements in Biomedical Signal and Image Processing" organized by Department of ECE, MIT, Anna University, Chrompet, INDIA.
27. Participated on "Author Workshop" conducted by Springer and Anna University, Chennai.
28. Attended a Two Days Workshop on "Internet of Things(IOT)- Technology of Tomorrow" organized by Department of ECE, CEG, Anna University, Guindy, INDIA.
29. Attended 7 Days Faculty Development Program on "Student Induction Program" (FDP-SI) at CEG Anna University, organized by All India Council for Technical Education (AICTE).
30. Attended 3 Days Faculty Development Program on "Student Induction Program" (FDP-SI) at CEG Anna University, organized by All India Council for Technical Education (AICTE).