

ANOOP KOLSUR (M.tech in Digital Communication and Networking, B.E in ECE)

Contact Address :

Anoop Kolsur
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E-Mail ID:

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Personal Data:

Date of Birth : 10-MAR-1990
Sex : Male
Nationality : Indian
Father Name : PROF.Mallinath
Kolsur
Mother Name : Smt.Shashikala
Kolsur

Hobbies:

1. PCB fabrication.
2. Conducting robotics workshops.
3. Exploring about new technologies.
4. Photography & photo shoots.
5. Training doggies.
6. Playing skates.

Certifications:

1. One week FDP on Internet of Things at VTU, Regional Center, Kalaburagi
2. Presented paper at national conference on recent advances in science & technology NCST 2014.
3. "Organizing AVIRAT 2012" & "AVIRAT 2013"

Abilities:

1. Hobbyists
2. Team Player
3. Optimistic
4. Willing to learn
5. Ability to learn new things very quickly.

Languages Known:

English, Hindi and Kannada.

Mini Projects Handled:

1. Line following Robot

Career Objective

To work as a key player in a challenging & creative environment, be instrumental in an organization's growth, climb the ladder of success, realize my potential and explore myself fully.

Academics

1. From 2021 Dec till today, working as University NSS Programme Co-Ordinator at Sharnbasva University, Kalaburagi.
2. From 1st Nov 2021 till today, working as Assistant Professor, Faculty of Engineering & Technology (Co-Ed) Department of Electronics & Communication Engineering at Sharnbasva University, Kalaburagi.
3. 2018-2021 worked as Assistant Professor in Department of Electronics & Communication Engineering at Veerappa Nisty Engineering College, Tq. Shorapur Dist. Yadagir.
4. 2016-2018 worked as Assistant Professor in Department of Electronics & Communication Engineering at Basavakalyan Polytechnic College, Basavakalyan, Dist. Bidar.
5. 2015-2016 worked as Embedded Engineer at ATMAN solutions PVT. LTD.

Academics

Ph.D.	Pursuing
Registration	2015
University	CCS, Meerut
Research on	Artificial Intelligence
Post Graduate Degree	M.tech in "Digital Communication and Networking"
College	Dayananda Sagar College of Engineering, Bangalore-560032
Year	2015
Degree	B.E in "ELECTRONICS AND COMMUNICATION"
College	APPA INSTITUTE OF ENGINEERING AND TECHNOLOGY, Gulbarga, Karnataka, India
Year	2013
Degree	Pre-University
College	Shree Guru pre-independent PU college Gulbarga, Karnataka, India
Year	2007
Degree	Secondary school (State SYLLABUS)
School	St. Mary School Gulbarga, Karnataka, India
Year	2005

Technical Skills

ROBOTICS	Pcb fabrication, proximity sensors, AVR Programming, Robotic arm,
OPERATING SYSTEMS	Windows 2000/XP/07/08/LINUX

2. Ultrasonic Radar
3. Fingerprint sensor door lock
4. IOT based Heart monitoring system
5. Smart Mirror to detect COVID symptoms.
6. Smart mask for detection of COVID affected patients.
7. Portable ECG System using Arduino.
8. Python Based Snake Game
9. HTML Based Scientific Calculator
10. HTML Based BMS calculator
11. HTML Based Weights calculator
12. Building 3D Printer
13. Fire detection and responding robot
14. Touch less shrine bell
15. Credit card sized computer
16. IOT based water level monitoring system
17. IOT based smart Irrigation system
18. Smart stick for blind people
19. Smart Helmet
20. Smart Dustbin

GRAPHICS SOFTWARES	ADOBE Photoshop 7.0, AFTER EFFECTS beginner
SOFTWARES	Express PCB, tasm, Xilinx, Keil, Mat lab, Khazama, AVR programmer, packet tracer
INTERESTED AREAS	R & D, Robotics, embedded designing, Networking

Achievements

1. **Published International technical papers** –IJEEE - www.ijeee.in
 - i. **Author: Anoop Kolsur**, H C Srinivasaiah, ‘Military emergency alert system Using Raspberry Pi’, 2014 National conference, ISBN- 978-81-921740-3-7.
 - ii. **Anoop Kolsur**, “**3D PLS- An high secure polygon lock technology**”, volume 1, Issue 7, July 2014, ISSN: 2348-4748.
 - iii. **Author: Anoop Kolsur** “**Hurt Locker-An explosive disposal robot**”. ISSN: 2348-4748, Volume 1, Issue 6, June 2014
 - iv. **Author: Anoop Kolsur** “**Virtual data center powered virtual machine**”, volume 1, Issue 7, July 2014, ISSN: 2348-4748.
2. **Successfully conducted National level technical fest “AVIRAT 2013”.**
3. **Had conducted PCB workshop on ‘POV-Persistence of vision’ to the crowd of 200 students.**

Projects Handled

M.tech	
<p align="center">Military Emergency alert system using Raspberry Pi Authors : Anoop Kolsur, H C Srinivasaiah, ‘Military emergency alert system Using Raspberry Pi’, 2014 National conference, www.ijeee.in ISBN- 978-81-921740-3-7.</p>	
Technology	RF TECHNOLOGY, FPGA, SMD Fabrication
Description	It's a military defense robot which can save the life of the soldier. This is the system which can alert the base station about the war field conditions and the individual status of the soldier. The watch like hand held Transreceiver is used to transmit the message to the base station, at the base station, the credit card sized FPGA board is used to process the incoming pre-defined message and display over the monitor.
Role	The hand held Transreceiver is wore on the soldier's wrist, this hand held Transreceiver has the priority wise tactile switches for sending the pre-defined message to the base station. At the base station, the monitoring takes place where the monitor is connected to a credit card sized FPGA called Raspberry Pi. This processes the received information and displays over the LCD Screen.

	B.E	
	HURT LOCKER (AN EXPLOSIVE DISPOSAL ROBOT)	
	Author : Anoop Kolsur "Hurt Locker-An explosive disposal robot". www.ijeece.in ISSN: 2348-4748, Volume 1, Issue 6, June 2014	
	Technology	RF TECHNOLOGY, PROXIMITY SENSORS, wireless video and voice transmission.
	Description	It's a military defense robot which can save the life of the soldier. This is the mobile robotic arm with self intelligence which can save the risk of a human life in bomb diffusing. Robotic arm with wireless video camera can be easily controlled from distance which is out of danger for human life.
	Role	Can be controlled wirelessly from out of danger area, can handle dangerous materials like RDX, GLASS, nuclear materials (uranium 232 type), timer bombs.
	B.E (Mini Project)	
	SEMI AUTONOMOUS SPY BOT	
	Technology	DTMF-DUAL TONE MULTIPLEXING FREQUENCY
	Description	Basically this project is all about military application based one. This robot is a semi autonomous which can be controlled by the user from anywhere in the world and the robot has semi intelligence to complete the task.
	Role	In military application this is the most required application. As this can be useful in bomb deactivating process, in surveillance of the enemy, in rescue operations many more.

I hereby affirm that the information provided above is true to the best of my knowledge and correct.

DATE : 11 Feb 2023
Place : Kalaburagi

Anoop Kolsur