RESUME

NAM E: PRIYANKA ARJUN KHARCHE

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Objective:

To obtain a reputed position in a prestigious organisation, utilise my knowledge and skills for the betterment of the organisation, self development and determinately overcome every challenge.

Education:

College/School	Branch/Board	Year of completion	CGPA/percentage
North Maharashtra University-Jalgaon [M.Tech]	VLSI Technology	2018	7.26/10 (67.81%)
KCES'S College of Engineering & IT-Jalgaon [B.E]	E&TC	2016	70.93%
M.J. College-Jalgaon [XII]	Nasik	2011	62.83%
Orion English Medium school-Jalgaon [X]	Nasik	2009	81.53%

EXPERIENCE:-

- 2.5 years Teaching experience in Government College Of Engineering, Jalgaon, from 1st January 2019 to till date.

SUBJECTS TAUGHT :-

- Electronic Instrumentation
- Electronic Workshop (Lab)
- Analog Electronics
- Virtual instrumentation (Lab)
- Digital image Processing
- Control System Design
- Basic Electronics and Measurement Technique

PUBLICATIONS:

1. Published a journal paper, Volume: 04 Issue: 05, titled **"Implementation of Half Subtractor and Full Subtractor Based on CNTFET"** in Journal of International Research Journal of Engineering and Technology (IRJET), in the year 2017.

2. Published a journal paper, Volume: 04 Issue: 05, titled **"4-Bit Full Adder Using 1-Bit Hybrid 13T Adder"** in Journal of International Research Journal of Engineering and Technology (IRJET), in the year 2017.

TRAINING:

1. "BHARAT SANCHAR NIGAM LIMITED", Jalgaon.
2. "PRASAR BHARATI", HPT DOORDARSHAN KENDRA, Jalgaon.
3. "Central Railway", Bhusawal.

Workshops/Webinars/Courses Attended:-

Sr. No.	Name of Seminar/Workshop course Attended	Name of Organizing Institute	From	To	Duration of course
1.	Train-The-Teacher Training Program	Kavayitri Bahinabai Chaudhari North Maharastra University, Jalgaon.	24th July 2020	27th July 2020	4 Days
2.	Webinar on "Foundation of Learning to Higher Education : NEP@ Glance.	GCOE, Jalgaon in twinning with GCOE, Kalahandi, Bhawanipatna, Odisha.	28th February 2021	-	1 Day
3.	Workshop on "IOT and Embedded Systems".	Mahatma Gandhi institute of technology, Hyderabad.	13th April 2021	14th April 2021	2 Days
4.	National Level Workshop on Artificial Intelligence.	Association with Pantech E-learning, Chennai.	30th April 2021	1st May 2021	2 Days
5.	Master Class on "Machine Learning".	Association with Pantech E-learning, Chennai.	3rd May 2021	7th May 2021	5 Days
6.	Master Class on "Electric Vehicle Design using MATLAB.	Association with Pantech E-learning, Chennai.	3rd May 2021	7th May 2021	5 Days
7.	Workshop on "Python Programing".	K.C.College of Engg. And Managmt, Thane.	5th May 2021	6th May 2021	2 Days
8.	National level workshop on "Robotics Vision".	Association with Pantech E-learning, Chennai.	7th May 2021	8th May 2021	2 Days

9.	National Level Workshop on "Augment Reality".	Association with Pantech E-learning, Chennai.	14th May 2021	15th May 2021	2 Days
10.	Workshop on "Python Programing".	MTM College, Ponnani, Kerela.	17th May 2021	-	1Day
11.	Workshop on " Embeded System".	Meenakshi college of Engineering.	17th May 2021	18thMay 2021	2 Days
12.	Master Class on "Machine Learning".	Association with Pantech E-learning, Chennai.	17th May 2021	21st May 2021	5 Days
13.	Workshop on AR and VR	Geetanjali institute, Nellore, Andhra Pradesh.	18th May 2021	-	1 Day
14.	Worksop on Mobile Android App Development.	Government Polytechnic, Ambad dist., Jalna.	19th May 2021	-	1 Day
15.	Worksop on "ROBOTICS".	Sri G.V.G. V College, Udumal pet.	20th May 2021	-	1 Day
16.	Worksop on Machine Learning.	Department of Computer Science Engineering, Guntur Engineering college, Andhra Pradesh.	21st May 2021	-	1 Day
17.	Workshop on Fundamental of "Aurdino and its Application".	St. Pious X Degree and PG College for Women, Hyderabad.	21st May 2021	-	1 Day
18.	Workshop on "Data Analytics".	Mahatma Gandhi Institue of Technology, Gandhipet, Hyderabad.	22nd May 2021	-	1 Day
19.	Workhshop on "Battery Management system in Electric Vehicle".	TKR College of Engineering, Meerpet, Telangana.	22nd May 2021	-	1 Day

PROJECTS :

M.Tech Final Year Project:

Title : An Improved Dynamic Latch Based Comparator for 8-Bit Asynchronous SAR ADC.

Description : An improved design for a dynamic latch based comparator achieves higher speed of conversion targeting 8-bit ASAR ADC. The objective of improving the speed of conversion is done by removing the dead time required for reset in differential input stage. This will in turn make the ASAR ADC to fasten the process of conversion and simulated using 32nm CMOS technology operated on a single 1V power supply.

Tools used : LT SPICE Tool.

M.Tech Minor Project :

Title   : 4-Bit Multiplier Based on CNTFET.

Description : A 4-bit multiplier based on CNTFET is compared with the CMOS Technology. The performance of CNTFET is analysed, and gives better result than CMOS Technology. Proposed work is to decrease the delay and power consumption.

Tools used : HSpice Tool.

B.E Final year Project :

Title   : Automatic Timmer And Ringing Bell.

Description : The design of automatic timmer and ringing bell using RTC & Microcontroller which replaces manual switching of the bell in the college. It has inbuilt RTC which tracks over the real time. When this time equals to the bell ringing time (can be edited at any time), then the relay for the bell is switched ON. The real time clock is displayed on LCD display. The Microcontroller AT89C51 is used to control all functions, it get the time through keypad and stores it in its memory.

Tools used : Embedded C language.

FAMILIAR PROGRAMMIMG LANGUAGES AND SOFTWARE :

1. EDA Tools   : Tanner Tools, H-Spice, P-Spice, T-Spice, LT Spice.
2. Hardware Description Languages   : VHDL, Verilog.
3. Hardware Expertise   : NEXYS 2 Board (using Digilent Adept Software).
4. Tools known   : Microwind 3.1, DSCH2, Xilinx 8.1_ISE, TCAD tool,
     OriginPro 8.5, MATLAB.
5. Courses   : MSCIT, Hardware and Networking.

PERSONAL PROFILE :

1) **Name**   **:** PRIYANKA ARJUN KHARCHE
2) **Date of Birth**   **:** 01 JAN 1994
3) **Email ID**   **:** priyanka.kharche@gmail.com
4) **Permanent address**   **:** 44, Jiwan nagar, near Girna tank road, Jalgaon.
5) **Contact number**   **:** 9404730999
6) **Languages**   **:** Marathi, Hindi, English
7) **Gender**   **:** Female
8) **Marital Status**   **:** Single
9) **Nationality**   **:** Indian

<u>DECLARATION</u>

I hereby declare that all the information given by me is true to the best of my knowledge and belief.

Date:

Place: Jalgaon

(Priyanka A. Kharche)