

RESUME

PATEL YATRIKKUMAR SURESHBHAI

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PERSONAL DETAILS :-

NAME : Patel Yatrikkumar Sureshbhai

DOB : 20th MAY,2000

GENDER : Male

NATIONALITY : Indian

MARITAL STATUS : Married

LANGUAGE KNOWN : Gujarati, English, Hindi

EDUCATION QUALIFICATION: -

NO	COURSE	BOARD/UNIVERSITY	PASSING YEAR	PERCENTAGE
1	SSC	GSEB	March-2015	65.83
2	HSC	GSHEB	March-2017	56
3	BSC(INSTRUMENTATION)	SARDAR PATEL UNIVERSITY	Aug - 2020	7.88 CGPA
4	MSC(ELECTRONICS)	SARDAR PATEL UNIVERSITY	April- 2022	8.25 CGPA
5	Ph.D. (ELECTRONICS)	SARDAR PATEL UNIVERSITY	FROM 23/12/2022 (PURSUING)	

EXPERIENCE:-

DESIGNATION	INSTITUTION - ADDRESS	FROM-TO / DURATION
Ad-hoc Teaching Assistant	P.G. DEPARTMENT OF ELECTRONICS, SARDAR PATEL UNIVERSITY, V.V.NAGAR - 388120	25/08/2022 to 15/05/2023 – 8 Months 21 Days

Ad-hoc Teaching Assistant	P.G. DEPARTMENT OF ELECTRONICS, SARDAR PATEL UNIVERSITY, V.V.NAGAR - 388120	23/07/2023 to 12/06/2024 – 11 Months
Temporary Teaching Assistant	P.G. DEPARTMENT OF ELECTRONICS, SARDAR PATEL UNIVERSITY, V.V.NAGAR - 388120	25/07/2024 to Present

PROFESSIONAL SKILLS:-

- Basic Knowledge of Computer
- Time Management
- Self-Motivation
- Work Ethic
- Programming language (C, PYTHON, VHDL)

EXTRA CURRICULAR ACTIVITIES:-

- I successfully completed the certificate course in “**COMPUTER CONCEPTS**” of the C-DAC,GIST PACE program on 7th August 2015.
- I have participated in the **Personality Development Program** for the year 2018-19 and it was jointly organized by CVM and IMAGEIO, Vadodara at V.P & R.P.T.P Science College.
- I participated and presented a poster in state level seminar “**FRONTIERS IN INSTRUMENTATION**” on 2nd February 2019 and I presented a poster on the topic of “**SMART SENSORS**”.
- I participated in Project Expo **IGNITE-2020** organized by **CMPICA, CHARUSAT, CHANGA**, and presented a “**SMART HOME**” project on 04th January 2020.
- I participated online lecture “**SPACE AND GEOSPATIAL TECHNIQUES: AN INTRODUCTION**” organized by **ISRO** and attended at ISTAR, VV NAGAR on 10th January 2020.
- I participated in a **SCIENCE CARNIVAL 2020** organized by the science club of V.P & R.P.T.P Science College and presented a working model of “**SMART HOME**” organized on 19th February 2020.
- I attended a workshop on “**PLC PROGRAMMING AND ITS APPLICATION**” organized and held at P.G Department of Electronics, Sardar Patel University, VV Nagar on 12th and 13th March 2021.
- I participated in the “**POSTER MAKING COMPETITION ON NATIONAL SCIENCE DAY**” organized and held at P.G Department of Electronics, Sardar Patel University, VV Nagar on 28th February 2022.
- I have participated in an engagement program with an industry called “**IMPLEMENTING FPGA BASED DIGITAL SYSTEM – AN INTRODUCTION**” expert from the **SYSTEM LEVEL SOLUTION INDIA Pvt. Ltd** organized and held at P.G Department Of Electronics, Sardar Patel University, V V Nagar on 5th, 6th, and 12th March 2022.
- I participated as an Ad-hoc teaching assistant in “**7th workshop: National Education Policy 2020: Changing the Role of Teachers**” organized by the Human Resource Centre (HRDC), Sardar Patel University, V.V. Nagar on 5th September 2022.

- Resource Person in Skill development Course on **“Understanding and Maintenance of Home Appliances”** organized at the Department of Electronics from February 2023 to March 2023.
- I participated in a skill development course on **“UNDERSTANDING AND MAINTENANCE OF HOME APPLIANCES”** organized and held at P.G Department Of Electronics, Sardar Patel University, starting 21st December 2021 to 15th March 2022.
- I attended an Expert lecture on **“Parametric Test”** organized by Ph.D. Facilitation Centre and Department of Applied and Interdisciplinary Sciences (IICISST), Sardar Patel University, V.V. Nagar on 1st February 2023.
- I volunteer as a Nodal Officer in **“प्रश्नोपनिषद् Online Quiz Competition”** Organized by Sardar Patel University, V.V. Nagar in March 2023.
- I participated as a teacher in charge and technical staff member in **“University Science Fair”** organized by Sardar Patel University, V.V. Nagar on 15th March 2023.
- I attended a Workshop on **“Exploring Internet of Things – IoT Application Using NodeMCU”** organized by P.G. Department of Electronics, Sardar Patel University, V.V. Nagar, and Shreejicharan Electronics, V.U. Nagar on 27th and 28th April 2023.

ACHIEVEMENT: -

- I have secured first rank in the **“POSTER MAKING COMPETITION ON NATIONAL SCIENCE DAY”** and I have presented a poster on the topic of **“MICRO-ELECTRONIC PILL”** which is organized and held at P.G Department of Electronics, Sardar Patel University, VV Nagar on 28th February 2022.
- Winner of **“Sardar Patel Research Award”** for best Research Paper entitled **“INTELLIGENT ATTENDANCE MONITORING SYSTEM USING RFID”** by Yatrikkumar S Patel in the subject of Basic and Computer Science by Sardar Patel University, Awarded in Annual Convocation Day:15-12-2022.

PROJECTS:-

- Designed and developed the **“0-30V AND 0-1A DC VARIABLE POWER SUPPLY”** project in my BSc 5th semester.
- Designed and developed **“TEMPERATURE BASED FAN SPEED CONTROL USING ARDUINO”** in my BSc 6th semester.
- Designed and developed **“LOW-COST AUTOMATIC HAND SANITIZER”** in my MSc 1st semester.
- Designed and developed **“SMART STREET LIGHT USING IR SENSOR AND 8051 MICROCONTROLLERS”** in my MSc 2nd semester.
- Designed and developed **“INTELLIGENT ATTENDANCE MONITORING SYSTEM USING RFID”** in my MSc 3rd semester.
- Designed and developed **“GESTURE BASED ROBOTIC CAR AND ROBOTIC ARM USING ARDUINO”** in my MSc 4th semester.
- Designed and Developed **“Automatic College Bell”**.

INTERESTED AREAS TO WORK:-

- PLC Hardware And Programming

- PCB & Circuit Designing
- FPGA
- Research Area
- Computer Network Management
- Thin Film Technology
- Internet Of Things (IoT)
- Instrumentation and Control

PROFILE SUMMARY:-

- An enthusiastic fresher with highly motivated and leadership skills having a Master of Science degree in Electronic Science.
- Expert in the implementation of each step of a project.
- Eager to learn new technologies.
- Always willing to innovate new things which can improve the existing technology.