

INDUMATHI K
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OBJECTIVE

To build a long-term profession that will offer endless opportunities for my career growth and to keep up with cutting-edge educational technologies and especially utilize my dedication to foster quality education required for student's development.

EDUCATIONAL QUALIFICATION

Course	Institution	University/Board	Year of Passing
M.E(Embedded System Technologies)	KSR Institute, Tiruchengode	Autonomous	May 2024
B.E(Electronics and Communication Engineering)	Avinashilingam Institute, Coimbatore	Deemed University	April 2021
Higher Secondary Certificate	SKV Matric Hr.Sec.School	Matriculation	March 2017
Secondary School Leaving Certificate	SKV Matric Hr.Sec.School	Matriculation	March 2015

ACHIEVEMENTS

- ✓ **ISAC Certified Cyber Crime Intervention Officer** qualifies to be empaneled in the cadet level of the National Security Database, awarded to credible and trustworthy information security experts with proven skills Unique ID: , 10.06.23
- ✓ World Biggest International Hand's in IoT & Ethical Hacking Workshop from Wikitechy and Microsoft Research Community Group, Chennai

PROFESSIONAL LIFE-MEMBERSHIP

- ✓ IGEN GREEN 9 ENSAV CLUB

PUBLICATIONS (International Journals)

- 1) Published a Journal on Advanced wearable Pregnant Women Monitoring System in International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Volume 05, Issue 04, April 2023, e-ISSN: 2582-5208.

PUBLICATIONS (International Conferences)

- 1) Participated and presented a paper entitled “Enhancing Electric Vehicle Charging Through IoT-Enabled Wireless Power Transfer” in International Conference on Adaptive Technologies for Sustainable Growth (ICATS-2024) held on 28.04.2024. ISBN number 978-93-91977-38-2
- 2) Participated and presented a paper entitled “Internet of Things Empowered Wireless Power Transfer for Electric Vehicle Charging” in 2nd International Conference on Innovative in Engineering and Science (ICITES’24) held on 26.03.2024 & 27.03.2024. ISBN Number 978-93-340-4448-5
- 3) Participated and presented a paper entitled “A Comprehensive Review of Electrical Vehicle and Charging system and standards” in the SERB sponsored International Conference” Advances in smart system and Intelligent Automation (ASIA 2023) held during 14.09.2023 & 15.09.2023.
- 4) Participated and Presented a paper entitled “Developing A System For Hypothermia To Sustain Brain Activity” in 4th International Conference on Recent Innovation in Engineering and Technology(ICRIET 2023) held on 05.04.2023 & 06.04.2023

(National Conferences):

- 1) Attended Two days National Conference on Recent Advances of Nano Science in Healthcare on 02.11.2023 & 03.11.2023 at KSR Institute for Engineering and Technology

COURSE ATTENDED:

CAD CENTER – LIVEWIRE:

Training on AutoCAD and Electrical CAD, Read 2D and 3D drawing, Create isometric drawings and modeling, Preparations of single Line Diagrams, Panel drawings and Wiring diagrams, Finalizing BOM.

PROJECT:

- ✓ Household Wiring Diagram
- ✓ Diesel Generator Control Panel Wiring Diagram

INTERNSHIP:

VI SOLUTION (05/2020 – 06/2020)

Knowledge in using front panel, block diagrams and icons and connector panel, and to create basic application using LabVIEW.

PRD RIGS INDIA PRIVATE LIMITED (05/2020-06/2020)

Knowledge about drilling and exploration of the rig, upcoming technology in heavy machine and sensor used in heavy machine and PLC Rigs and give an idea exploration on the topic of Instrument for Rod Counting.

BSNL (05/2019-05/2019)

Knowledge and exposure in telecommunication technologies and different type of equipment and system used in BSNL.

PROGRAMMES ATTENDED (Seminar/Workshop/FDP/STTP others)

S. No.	Title of the Program	Type of Program	Date & Duration	Organized by
1	Being 'Industry Ready' with System-Modeling Skills	Seminar	01.06.2024	MathWorks
2	Digitalization & Innovation	Webinar	18.02.2024	G20
3	Vehicle – to –Grid (V2G)	Seminar	08.01.2024	Velalar College of Engineering and Technology
4	E- Vehicle Maintenance	TEDP	07.08.2023 – 30.08.2023	KIT- Kalaignarkarunanidhi Institute of Technology
5	Maintenance of Biomedical Equipment's	TEDP	07.08.2023 – 31.08.2023	KIT- Kalaignarkarunanidhi Institute of Technology
6	Trends in IC Design using Mentor Graphics	FDP	08.08.2023 – 10.08.2023	R.R Institute of Technology
7	Technology and Office Management	Short Term Capacity Building Program	31.07.2023 – 04.08.2023	Avinashilingam Institute for Home Science and Higher Education for Women
8	Advanced Research Methodology	Workshop	03.07.2023 – 18.07.2023	SRM Institute of Science and Technology
9	Realizing the benefits of Academic Research	FDP	10.07.2023 – 15.07.2023	Sree Sakthi Engineering and Technology
10	Current Trends in Engineering, Science and Technology	FDP	03.07.2023 - 08.07.2023	Sree Sakthi Engineering and Technology

CO-CURRICULAR ACTIVITIES:

S. No.	Title of the Program	Type of Program	Date & Duration	Organized by
1.	Celebration of Women and Girls in Science Day	Poster	11.02.2024	IGEN
2.	Viksit Bharat @ 2047	Ideathon	16.01.2024	MyGov
3.	Chandrayaan – 3 Maha Quiz	Maha Quiz	23.09.2023	MyGov

DECLARATION

I hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

**PLACE: Tiruchengode
DATE: 03.07.2024**

**Signature
[K.INDUMATHI]**