

RESUME

NAME : M.NANCYARADHANA

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CAREER MISSION

Seeking a career to share my knowledge and experience with students and gain more experience into the education and teaching field.

EDUCATIONAL QUALIFICATIONS

- M.E- Applied Electronics in 2015.
- B.E- Electronics and Communication Engineering in 2013

EXPERIENCE

I have two years experience in “**Talent International School**” at Manama as “**ICT and Robotics teacher**” (2018-april 2020).

I have two years experience in “**SRI VIVEKANANDA HIGHER SECONDARY SCHOOL**” at India(Chennai) as “**ICT and Math teacher**”(2015).

AREA OF INTEREST

- MATHS
- COMPUTER and SCIENCE.
- ROBOTICS

SOFTWARE EXPOSURE

- Language : C, C++, Core java, Illustrator.
 - Simulation tools: MATLAB, Xilinx, TCAD and Microsoft office
 - FABRO Advance Robotics course.
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PROJECT DETAILS (PG)

- **Project Title : Effect of Boron Nitride on Graphene Field Effect Transistor For Microwave Applications.**

Description : In this project the designing of ultra-thin graphene microwave transistors by using graphene nanoribbon back-gates is done . It is possible to operate these types of devices across a broad range of microwave frequencies. The proposed model is in a good agreement with experimental data and also simulated the device structure using TCAD simulation.

PROJECT DETAILS (UG)

- **Project Title : Perceptual Image Hashing Based On Color Histogram for Forgery detection.**

Using MATLAB coding an image hashing based on color histogram based on proposed. At first the input image is pre-processed by color space conversion. Here we use HSI color model because HSI color model is more suitable to analyze the color perception features in vision than RGB model. At the same time, the method can detect the unusual color forgery.

CERTIFICATIONS & PRIZES

- Attended national level student conference in **Vel tech University Chennai.**
- Attended national level technical symposium in **Sardar Raja College of Engineering Alangulam near Tirunelveli** And Won Second Prize.
- Attended one day workshop in **Dr.Navalar Nedunchezhiya college of Engineering Tholudur.**

INDUSTRIAL EXPOSURE

- Inplant training at **HCL INFO SYSTEMS LTD.,** Puducherry
- Inplant training at **BSNL,** Kallakurichi.
- Industrial Visit at **AURO ELECTRONICS.,** Puducherry.

DECLARATION

I do hereby declare that the particulars of information and facts stated here in above are true, correct and complete to the best of my knowledge and belief.

(Nancy Aradhana)

SIGNATURE