

S.ROHINI

8/12, Mallingar kovil street

Thevaram – 625 530

Theni (Dt.)

Tamilnadu

India

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OBJECTIVE:

To utilize my teaching & administration skills in a reputable university.

SUMMARY OF QUALIFICATIONS:

- Hands-on experience at the graduation and post-graduation level education facility
- Thorough knowledge of web-based instructional technologies
- Sound knowledge of teaching methodologies
- Familiarity with scripting and computer programming operations
- Ability to maintain good rapport with students and faculty staffs
- Ability to teach students with diverse backgrounds

SKILLS:

- Language: C, C++, Python, Verilog, VHDL
- Tools: Adobe Dreamweaver, MATLAB, Adobe Photoshop, Xilinx, Modelsim, MS office, Corel Draw.
- Web technology: HTML, PHP

WORK EXPERIENCE:

Assistant Professor, June 2017 –Till date.

C.P.A. College, Bodinayakanur, Theni (Dt.).

- Conducting lectures and preparing the material for graduate and undergraduate students.
- Conducted the subject lectures regularly, keeping an eye on the understanding of the students.
- Carried out practical sessions with explanation about the purpose of the experiment and the procedures that follow to seek results.
- Carried out debate sessions in regular classes to help students to understand the subject better.
- Arranged expert meets for students on a periodic basis to create an interest about subject.
- Encouraged students to achieve their academic goals.
- Prepared and delivered lectures on Digital principles and Computer Architecture, Data Communication & Networking and Cryptography to Undergraduate students.

- Prepared and delivered lectures on Digital Image processing and Soft Computing to Postgraduate students.
- Taught students the use of various software such as MATLAB, Adobe Dreamweaver, Adobe Photoshop, R Studio, MS Office and PHP with their features and applications.

AREA OF INTEREST:

- VLSI design.
- Digital Image Processing.
- Soft Computing.
- Digital Principles & its Application.
- Data Communication and Networking.
- Cryptography
- Microprocessor & Microcontroller.
- Network Analysis.

ACADEMIC PROJECTS:

- **PG Project:**
 - **Title:** “Analysis of Graphene Nano-Ribbon (GNR) for on-chip interconnects application”.
 - **Description:** Graphene Nano-Ribbon has shown immense potential as a candidate to replace traditional copper interconnects for on-chip interconnects application because to eliminate the size effect of copper (Cu), when it is scales below 32nm technology.
- **UG Project:**
 - **Title:** “Performance of Differential GPS based on a real time algorithm using sms services of GSM network”.
 - **Description:** A real-time simple algorithm of Differential GPS is adopted tested experimentally using an existing GSM network utilizing SMS service that takes short time with low cost.

JOURNAL PUBLICATION:

- “Analysis of Carbon Nano structures for On-Chip Interconnect Application” paper is published in **ARPN journal of Engineering and Applied sciences** VOL.10, No.6, April 2015. ISSN 1819 6608.

CONFERENCE DETAILS:

- Attended 2 days conference on “**International Conference on Emerging Trends in Engineering & Technology (ICETET’ 15)**” in Pandian Saraswathi Yadav engineering college and presented a paper entitled “**Analysis of Carbon Nano structures for On- Chip Interconnects application**”.
- Presented a paper entitled “**CNT as on-chip interconnect**” in the national conference on “**Recent Trends in Communications**” organized by SBM engineering college.

CO-CURRICULAR ACTIVITIES:

- Attended “Short term course” on “**Graphics Design**” in St. Mary’s college, Thoothukudi.
- Attended “one week online elementary FDP” on “**Data science**” in GL Bajaj institute of technology and management (AICTE training and learning (ATAL) Academy), Noida, Uttar Pradesh.
- Attended “one week online elementary FDP” on “**Recent trends in computer science**” in GL Bajaj institute of technology and management, Noida, Uttar Pradesh
- Attended “one day webinar” on “**Machine Learning - Mathematical Perspective**” in Hindusthan College of Engineering and Technology & Hindusthan Institute of Technology, Coimbatore.
- Attended “3days online FDP” on “**E-Content Development**” in Cardamom Planters’ Association College, Bodinayakanur.
- Attended “2days online FDP” on “**Digital tools for smart classrooms in Higher Education**” in Jayaraj Annapackiam College for women, Periyakulam.
- Attended “6days online FDP” on “**Effective Usage of ICT Tools for smart Teaching**” in Jayaraj Annapackiam College for women, Periyakulam.
- Attended “one day workshop” on “**Web Apps for digital Learning and E-Content Development**” in Sri Meenakshi Government Arts College for women, Madurai.
- Attended “2days workshop” on “**Android Application Development**” in Cardamom Planters’ Association College, Bodinayakanur.
- Attended “one day workshop” on “**Deep Learning in Various Research Domains**” in Mepco Schlenk Engineering College, Sivakasi.
- Attended “one day FDP” on “**Research Applications in cloud computing: Modelling and simulation using Cloudsim**” in Cardamom Planters’ Association College, Bodinayakanur.
- Attended “one day FDP” on “**Professional Ethics II: 'A Teacher - A Leader' and 'Innovative Teaching'**” in Cardamom Planters’ Association College, Bodinayakanur.
- Attended “one day FDP” on “**Enhancing Learning through Innovative Strategies and Digital Technologies**” in Cardamom Planters’ Association College, Bodinayakanur.
- Attended “3days workshop” on “**Online Examination & Feedback using Smart Phones**” in Madurai Kamaraj University, Madurai.
- Attended “2 days national seminar” on “**Nuclear Energy**” in Theni Kammavar Sangam College of technology, Theni.
- Presented a paper entitled “**Border extraction by ordering the pixels**” in the national conference on “**Recent Trends in Computing, Image Processing & Network Technologies**” conducted by J.K.K. Munirajah college of technology, Erode.
- Attended “21 days In-plant training” on **Electronic Control Unit** in DELPHI-TVS, Chennai.
- Attended “21 days In-plant training” on **Railway Data Networking** in RAILNET, Madurai.
- Attended “2 days guest lecture” on **Advancement & Future Trends in VLSI design** (NCVD-2011) in Kalasalingam University, Krishnankoil.
- Attended “3 days workshop” on **Robotics Simplified** in VIT University, Vellore.

EXTRA-CURRICULAR ACTIVITIES:

- Active member in **CPAC IAS Academy** in Cardamom Planters’ Association College, Bodinayakanur.
- Active member in **Women cell & Empowerment** in Cardamom Planters’ Association College, Bodinayakanur.
- Active Member in **Photography Club, Nature Club & Indian Society for Technical**

Education (ISTE) in Kalasalingam University, Krishnankoil.

- Won first prize in “**Carom Event**” in “**One Day Awareness Programme on Health Care & its Importance**” organized by Kalasalingam University, Krishnankoil.
- Trained for social service activities as **National Service Scheme (NSS)**.
- Participated “**Stamp Collection**” conducted by **Nature Club** of Kalasalingam University, Krishnankoil.
- Participated in “**Imagine & Innovate Contest**” organized by **Confederation of Indian Industry** (Southern Region), Chennai.

EDUCATIONAL QUALIFICATION:

Standard / Degree	School / College	Board / University	Percentage of marks	Year of passing
M.E (VLSI design)	Theni Kammavar sangam college of technology	Anna University	71.4	June,2015
B.Tech (ECE)	Kalasalingam University	Deemed	68.4	May, 2013
HSS	St. Agnes Girls hr. sec. school, Royappanpatty, Theni(Dt.)	State board	85.25	March, 2009
SSLC	St. Agnes Girls hr. sec. school, Royappanpatty, Theni(Dt.)	State board	88.4	March, 2007

PERSONAL DETAILS:

Date of Birth : 03.12.1991
Fathers Name : S.Sundararajan
Mothers Name : S.Rameswari
Nationality : Indian
Marital status : Married
Languages known : To speak - English, Tamil and Kannada.
: To write - English and Tamil.

DECLARATION:

I confirm that the information provided by me is true to the best of my knowledge and belief.

Place: Thevaram

Date:

Yours sincerely,
(ROHINIS)

