

R E S U M E

DEEPA V.R.

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Objective:- To secure a challenging position where I can effectively contribute my skills as Professional, possessing competent Technical Skills.

Educational Qualifications:

Examination	Discipline/ Specialization	School/ College	Board/ University	Year of Passing	Result
M.E	Applied Electronics	Satyam College of Engineering	Anna University	2013	First class
B. Tech.	Applied Electronics & Instrumentation	L.B.S. Institute of Technology for Women, Trivandrum.	Kerala University	2007	First class
A.I.S.S.C	Science + Maths Stream	Bharathiya Vidhya Bhavan, Trivandrum.	C.B.S.E.	2003	First class
S.S.L.C.	Genl: Science, Social Studies & Maths.	Nirmala Bhavan High School, Trivandrum.	Board of Public Exam:	2001	First class with distinction

Experience

- : 1) 11 years Experience as Asst Professor in Sarabhai
Institute of Technology , Trivandrum
2) 8 months Experience as Guest Lecturer in
Govt Women’s Polytechnic , Trivandrum**

Addl. Qualification : Eight months (8) course of Embedded System Design Engineer completed from I.T. Accel, Trivandrum.
Software Proficiency : C, C++, MATLAB, PSPICE, SIMULINK.

Seminars & Conferences : (i). Participated and presented a paper on attended “Underwater video enhancement by WCID” in International conference on 'Emerging Marvels In Information and computer Science Engg' organised by Computer Science and Information Technology on February 2013 at Maria College of Engineering and Technology

(ii) Participated in the seminar on “Application of e-governance e-commerce” as a part of National Technology Day 2015 Celebration at SIST .

(iii) Participated in the International Conferences on Innovative Trends in Science & Technology at SIST organized by SIST and TECHOWN on Nov 2018

FDP 's attended (i) Participated in 5 days Teachers Training program organised by SIST

(ii) Attended 2 days workshop on Moodle Software as a part of faculty development programme on June 2017 at SIST

MINI PROJECT : **Automated Car Parking System:-** This project is a Discrete based system. Concepts of Digital Electronics like decoders, shift registers and counters are used here. The entry and exit of vehicles is facilitated by a gate operated by a Motor. Regulation of the number of cars entering into the parking space has been implemented using the counter in this system. Hence the Automated Car Parking System which is designed can cater to the requirements of parking space in big cities in a very cost effective way.

Main Project : **“Automated Test System on Strain Gauge Signal conditioner package” - done in VSSC.**

While launching PSLV, various parameters are required for the proper study and control of launching vehicle and hence variation of parameters like resistance, temperature, strain etc., of the package is to be transmitted to

the ground station intermittently. This project mainly deals with the implementation of check-out system by strain measurement. The variation of the strain ranging from +/- 500 micro strain are converted into corresponding resistance value in the range of 350 +/- 1 ohm. Basic components of check-out system are GPIB card, Relay card, DMM, Power Supply and Personal Computer. The test consists of both Hardware and Software Parts. Writing codes in C performs the test.

Industrial training :

Chromatographic Instruments in Regional Research Laboratory. Duration:14 days.

A comprehensive study was done on the electronic instruments used in chromatography and how the basic principles of electronics can be used to improve the conventional methods of chromatography.

Seminar Topic

: Electronic Paper :-

It is display technology which is designed in order to mimic the appearance of regular ink on a paper. It was discovered in order to overcome some of the limitations of personal computer. Electronic Paper displays like ordinary paper and it is capable to read at an angle which is easier to the Human Eye. Electronic paper is very thin, highly flexible and highly durable.

Electives

: Elective 1:-Electronic Product Design
Elective 2:-Fuzzy Systems
Elective 3:-Digital Image Processing
Elective 4:-Optoelectronic Devices

Personal Profile:

Date of birth: 27-05-1986

Languages Known: Malayalam, English and Hindi.

Name of 2 persons for future reference:

1. Sri. S. Yesurajadasan,
Dy. Collector (Rtd.)
T.C.31/1035, Akshara Veedu Lane,
Pettah, Trivandrum – 695024.

Phone No.0471-2463068.

2. **Sri. S. Jayakumar,**
B.S.N.L.,
T.C. 22/234, Swathy Nagar No.1,
Peroorkada Post,
Trivandrum – 695005.
Phone No.0471-2434466

(DEEPA V.R.)

Date: 1-2-2020