ANJALY T R

Room No.A-18

Hostel 11

Indian Institute of Technology Bombay

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OBJECTIVE: To train myself to be an excellent and independent professional,enrich my

knowledge and delve into the field of nanotechnology and spintronics.

QUALIFICATION:

COURSE	UNIVERSITY	COLLEGE	YEAR OF PASSING	% MARKS
BTech Electronics and Communication	Calicut University	N.S.S college of Engineering	2012	75%
12th	CBSE	Kendriya Vidyalaya No.1 Palakkad	2008	89.8%
10th	CBSE	Kendriya Vidyalaya No.1 Palakkad	2006	93.8%
MTech Microelectronics	IIT B	IIT B	Pursuing	Pursuing

- SEMINAR :

    1. IEEE Paper presentation.
       Topic: Spintronics and basic spintronic devices
    2. Spin transistor and Electron spin-Hall effect transistor
        As part of Curriculum
    3. Attended the seminar on ROBOTICS
       by Dr.Prahlad Vadakkepat, Professor, National Singapore University
    4. Attended an interactive session with Dr.Rasool Pookutty and Dr K G Balakrishnan
       LULU international Convention Centre,Thrissur

- PROJECT:

1. **Implementation of communication algorithm using FPGA**- Main project
Most research on reconfigurable computing has been done based on FPGA. FPGA design adds flexibility and adaptability with optimal device utilization while conserving both board space and system power unlike the DSP chips
2. **Propeller based LED display**- Mini Project
Displayed an emblem and a text using rotating linear array of 14 LEDs using the principle of 'Persistence of vision'.
3. **Determination of solubility of oxalic acid in water and effect of ionic strength**
Class 12 project
4. **Caffeine extraction using supercritical Carbon dioxide**
Class 11 .Cluster level Science Exhibition ,Kendriya Vidyalaya Sangathan
5. **Electric Writing**
Class 8.Cluster level Science exhibition,Kendriya Vidyalaya Sangathan

- INDUSTRIAL TRAINING: Attended a 14 day Industrial Training at Regional Telecom Training Centre, (RTTC), BSNL, Trivandrum
- WORKSHOP : On Robotics conducted by Robosapiens and Radiance'10 IIT B
- COMPUTER KNOWLEDGE: C/C++, JAVA, Assembly language
Attended course entitled 'Swift Smart' at NIIT, palakkad

ACHIEVEMENTS:

1. All India **146th** Rank-10thNational Science Olympiad

2. All India **205th** rank-8th National Science Olympiad

2 All India **52nd** rank-National Interactive Mathematics Olympiad

3. Certificate of merit- Green Olympiad

4. Certificate and Medal for distinction -Balarama Scholarship

5. IEEE College Chapter paper presentation - **2nd prize**. Topic: Spintronics and spintronic devices

6. Class Topper 1st std to 9th std, First year BTech

7. House captain at school

8. Sports champion-class 8, Gold medal in 2nd and 3rd year at college sports meet.

9. Best Actress –School level

10. Member of the group that represented KV No.1,Palakkad at The All India Social Science

Exhibition conducted by Kendriya Vidyalaya Sangathan.

HOBBIES: Browsing the doubts that come to come my mind in google..

Reading 'Frontline'.

LANGUAGES:

LANGUAGE	READ	WRITE	UNDERSTAND	SPEAK
English	✓	✓	✓	✓
Hindi	✓	✓	✓	✓
Malayalam	✓	✓	✓	✓
Sanskrit	✓	✓	✓	
Tamil			✓	

PERSONAL DEATAILS

Age	:	21 years
DOB	:	16.11.1990
Gender	:	Female
Father's Occupation	:	Professor, Govt.Victoria College Palakkad
Mother's Occupation	:	Teacher, KV No.1 Palakkad
College	:	Indian Institute of Technology Bombay

REFERENCE

1. Prof. Joseph John
   Department of Electrical Engineering
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2. Mr. N S Muralikrishnan
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