

RESUME

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DATE OF BIRTH : 7TH JUNE, 1995

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OBJECTIVE : SEEKING A RESEARCH INTERNSHIP THAT ENABLES ME TO LEARN AND GROW AS A RESEARCHER AND SCIENTIST SO THAT I MAY BE ABLE TO HELP FURTHER THE SCIENTIFIC DEVELOPMENT AND KNOWLEDGE.

EDUCATION

GRADE OR EXAM	SCHOOL/COLLEGE	YEAR OF PASSING	PERCENTAGE OR CGPA
10 TH BOARD	MAHARAJA AGRASEN VIDYALAYA, AHMEDABAD, GUJARAT	2011	9.8 (CGPA)
12 TH BOARD	MAHARAJA AGRASEN VIDYALAYA, AHMEDABAD, GUJARAT	2013	91.8%
B.TECH (CURRENTLY SEMESTER-4 2 ND YEAR)	SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT, GUJARAT	2013 – CURRENTLY STUDYING	CURRENT CGPA- 8.35

SKILLS AND KNOWLEDGE ACQUIRED

- BASICS TO MODERATE COMPREHENSION OF QUANTUM THEORY AND ITS MATHEMATICAL FORMULATIONS.
- BASICS TO MODERATE COMPREHENSIVE KNOWLEDGE OF LIFE OF UNIVERSE FROM SUPPOSED BIG BANG TO CURRENT ERA INCLUDING MATHEMATICAL MODELS REPRESENTATIONS AND FORMULATIONS.
- BASICS TO MODERATE COMPREHENSIVE KNOWLEDGE OF FORMATION OF GALAXIES AND OTHER STRUCTURES AND SYSTEMS OF UNIVERSE AND ITS MATHEMATICAL MODELS REPRESENTATIONS AND FORMULATIONS.

- BASICS TO MODERATE COMPREHENSIVE UNDERSTANDING OF EINSTEIN'S SPECIAL THEORY OF RELATIVITY INCLUDING MATHEMATICAL APPROACH AND FORMULATIONS.
 - LINEAR ALGEBRA, VECTOR ALGEBRA, ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS, MULTIPLE INTEGRALS AND THEIR APPLICATIONS, ETC.
 - COMPUTER PROGRAMMING LANGUAGES- C, C++, JAVA, PYTHON. GOOD CODING SKILLS.
 - A GOOD BASIC KNOWLEDGE OF ROBOTICS ESPECIALLY AUTONOMOUS ROBOTICS AND HAVE DONE MANY PROJECTS ON THE SAME.
 - BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING SYSTEMS.
 - FLUENT KNOWLEDGE OF LANGUAGES- ENGLISH, HINDI. BASIC SPEAKING AND READING KNOWLEDGE OF FRENCH AND JAPANESE.
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FREE ONLINE COURSES UNDERTAKEN

- EXPLORING QUANTUM PHYSICS, UNIVERSITY OF MARYLAND, COLLEGE PARK
 - UNDERSTANDING EINSTEIN: THE SPECIAL THEORY OF RELATIVITY, STANFORD UNIVERSITY.
 - ANALYSING THE UNIVERSE, RUTGERS UNIVERSITY
 - INTRODUCTION TO ASTRONOMY, DUKE UNIVERSITY
 - GALAXIES AND COSMOLOGY, CALTECH
 - ASTRONOMY: EXPLORING TIME AND SPACE, UNIVERSITY OF ARIZONA
 - IMAGE AND VIDEO PROCESSING, DUKE UNIVERSITY
 - PROGRAMMING FOR EVERYBODY(PYTHON), UNIVERSITY OF MICHIGAN
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PROJECTS UNDERTAKEN RELEVANT TO THE TOPIC

NONE YET. WANTED TO POSSESS GOOD ENOUGH THEORETICAL KNOWLEDGE BEFORE APPLYING. NOW, I BELIEVE I AM READY TO GAIN PRACTICAL WORK EXPERIENCE AND UNDERTAKE A PROJECT.

OTHER PROJECTS

1. LINE FOLLOWER
2. MAZE FOLLOWER
3. X-Y PLANE PLOTTER
4. GESTURE CONTROLLED ROBOT WITH METAL DETECTOR
5. WIRELESSLY CONTROLLED ALL-TERRAIN VEHICLE
6. LIGHT FOLLOWER

ALL THE ABOVE PROJECTS WERE DONE ONLY TO GAIN TECHNICAL KNOWLEDGE WHICH MIGHT BE HELPFUL WHEN UNDERTAKING ACTUAL RESEARCH OR A PROJECT.

FUNCTIONAL SKILLS

- ABLE TO HANDLE A VARIETY OF TASKS AND RESPONSIBILITIES SIMULTANEOUSLY AND EFFICIENTLY
 - EXPERT AT GETTING THINGS DONE BY DEADLINES, WITHIN BUDGET
 - KEEN AND ACCURATE MEMORY FOR DETAIL
 - ESTABLISH RAPPORT QUICKLY
 - MOTIVATE OTHERS AND STIMULATE THEM TO ACTION
 - GET DIVERSE GROUPS TO WORK TOGETHER, ADEPT AT CONFLICT MANAGEMENT
 - KEEN PERCEPTION OF THINGS AS THEY COULD BE RATHER THAN ACCEPTING THEM AS THEY ARE
 - ABLE TO MOVE INTO TOTALLY NEW SITUATIONS ON MY OWN
 - ABLE TO BRING PEOPLE TOGETHER IN CO-OPERATIVE EFFORTS
 - EXPRESS SELF CLEARLY, EFFECTIVELY; MAKE A POINT AND COGENTLY EXPRESS A POSITION
 - WILLING TO EXPERIMENT WITH NEW APPROACHES, IDEAS, PROCEDURES, PROGRAMS
 - IDENTIFY ELEMENTS, RELATIONSHIPS, STRUCTURES AND ORGANIZING PRINCIPLES OF ORGANIZATIONS TO BE ANALYSED
 - EXCEL AT PROBLEM SOLVING, TROUBLE-SHOOTING
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PERSONAL SKILLS

- ADAPTABLE AND AMIABLE
 - ANALYTICAL AND COOPERATIVE
 - HONEST AND INDUSTRIOUS
 - INDEPENDENT, MOTIVATED AND OPTIMISTIC
 - ORGANISED AND RELIABLE
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EXTRA-CURRICULAR ACTIVITIES AND HOBBIES

- PLAYING OUTDOOR SPORTS LIKE FOOTBALL, BADMINTON, VOLLEYBALL AND TENNIS
- READING NOVELS, ESPECIALLY CRIME FICTION AND FANTASY FICTION
- WATCHING MOVIES AND SPORTS EVENTS
- LISTENING TO MUSIC
- PLAYING COMPUTER GAMES

RECENTLY BECAME CO-COORDINATOR FOR TECHNO-CULTURAL FESTIVAL OF THE INSTITUTE AND SUCCESSFULLY MANAGED 2 TECHNICAL EVENTS AND OVER 200 PARTICIPANTS FOR 4 DAYS.

INTERESTS

- DEEP INFATUATION FOR ASTRONOMY AND QUANTUM PHYSICS.
 - A VERY SPECIAL INTEREST IN TELEPORTATION.
 - COMPUTER PROGRAMMING LANGUAGES
 - ROBOTICS
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ADDITIONAL INFORMATION

EVEN THOUGH I AM ASSOCIATED WITH ENGINEERING THROUGH EDUCATION, MY REAL INTEREST LIES IN RESEARCH RELATED TO QUANTUM PHYSICS. TO BE MORE SPECIFIC, I AM DEEPLY INTERESTED IN TELEPORTATION AND WISH TO PURSUE RESEARCH RELATED TO THE SAME. I WENT FOR ENGINEERING TO LEARN TECHNICAL ASPECTS AND HOW WOULD I BE ABLE TO APPLY THAT FOR THE PHYSICS I KNOW.