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| **Rao XXXXXXX**  **Student ID :** 17BQ1Z890  **Institute Image**  Indian Institute of Technology XXXXXXXX  Affiliated to Jawaharlal Nehru Tech. University  Chennnai  **CELL:** +91-XXXXXXXX , **EMAIL** : [xxxxxxx@gmail.com](mailto:xxxxxxx@gmail.com) | | | | | | | |
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| **Education** | BTech Computer Science and Engineering  1st  Year CGPA : 9.38 2nd Year CGPA : 9.18(1st sem)  Year of Completion : 2021 | | | | | | |
|  | Intermediate (12th Standard): Subjects: MPC;  Board of Intermediate, Jaipur – Rajasthana State Govt.  Percentage : **97.8** Year : 2017 | | | | | | |
|  | 10th Class : SSC; Sri Chaitanya,Hyderabad,A.P.  Percentage : **95**  Year : 2015 | | | | | | |
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| **Scholastic**  **Achievements** | **JEE IIT Main Rank : 4500**  **Rajasthan EAMCET Rank** : **8732** in A.P State Govt. Eng./Medical entrance exam 2015  Top 10% out of **One lakh** students appeared approximately  **12th Class Rank** : Topper in Class  **10th Class Rank** : 4th in my school | | | | | | |
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| **Projects** | * **Parallel Computing** (August 2019 April 2020) * Currently working on parallel programming techniques for matri computation as a part of Comp. Arch Course * (Exposure to use of shared memory programming-openMP and using message passing library MPI) * Exposure to use of mathematical kernel library(MKL on lntel)   **Advisor:** XXXXX **Mentor**:Dr. V C V Rao, CDAC-Pune | | | | | | |
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| **Skill Sets** | * Programmin**g :** C,C++,Python, Fortran(Exposure to Basics) * Software Used  **:** Intel Parallel Studio, Hadoop MapReduce * Hardware : Windows, Linux | | | | | | |
| **Co-Curricular**  **Activities** | * Completed PYTHON programming course in NPTEL(National Programme for Technology   Enhanced Learning)with Score 78   * GPU Computing and Deep Learning(Self Study) * ML/DL/AI Course Completed * NPETEL Course Completed – Topper in the Batch * Setting Up HPC Cluster – Build Expertise on GPU Computing | | | | | | |
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| **My Project Interest** | Large Scale Dense / Sparse Matrix Computations in Linear Algebra - Algorithms Implementation on Multi - Core Processor Systems  Implementation of Algorithms on Machine Learning /Deep Learning | | | | | | |
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| **My Class**  **Performance** | In the **top 4 (of 240)** of my department during my first year | | | | | | |
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| **Selective Courses**  **Done in BTech Prog.** | **Course** | | **Grade** | | **Course** | **Grade** | |
| **First Year (1st /2nd Semester)** | | | | | | |
| R161102 : Mathematics-1 | | **O** | R161119 : C Programming Lab | | **O** | |
| R161104 : Applied Physics | | O | R161203 : Mathematics –III | | **O** | |
|  | R161107 : Computer Prog. | | A | R161211 : Applied Chemistry | | O | |
| R161109 : Mathematics-II | | O | R161215 : OOP Through C++ | | A | |
| R161115 : Applied Physics Lab | | **O** | R161229 : OOP Lab | | **O** | |
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| **Second Year (1st Semester)** | | | | | | |
| R1621051: Statistics through R Prog. | S | | R1621052 : Mathematical Foundations of Comp. Science | | | **S** |
| R1621053: Digital Logic Design | O | | R1621055 : Data Structures (C++) | | | S |
| R1621054: Python Progrmming | S | | R1621056 : Computer Graphics | | | A |
| R1621057: Data Structures (C++) Lab | **O** | | R1621058 : Python Prog. Lab | | | **O** |
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| **O** *= 10 out of 10;* **S** *= 9 out of 10;*  **A** *= 8 out of 10;* **B** *=7 out of 10;* **C** *= 6 out of 10.* | | | | | | |
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| **Workshops /Conferences Attended** | * APSSDC(Andhra pradesh state skill development corporation) workshop on MIT app inventor June 2018 * Attended ML/DL workshop at Hyderabad during June 2019 at MNIT Jaipur | | | | | | |
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| **Other Information** | * Linear Algebra Codes for Comuter Vision   + l Developed Skill sets of programming Matrix Computations on Multi-Core Processors.   + l Developed Expertise on Linux OS and lntel Parallel Studio. * Attended Data Anaytics Course – Exposure to Hadoop Software Stack | | | | | | |
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| **Personal info and contact info** | * Date of Birth : 31/02/2002 Age: 19 Gender:Female * Contact info :D/O Sunil Rao, Siva Street, Malyia Nagar , Hyderabad * Mobile No. : +91-XXXXXXX * **Reference** : will be provided if required | | | | | | |