



# VAAGDEVI COLLEGE OF ENGINEERING

Autonomous

Bollikunta, Khila Warangal (Mandal), Warangal Urban-506 005 (T.S), [www.vaagdevi.edu.in](http://www.vaagdevi.edu.in)

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

### Student Achievements:

- 1) ECE Students Mr.Pavan Raja and Mr.J.Upender develop “ Sensor Based Contactless Sanitizer Dispenser”.



- 2) ECE Student Mr.Shiva Velishoju (19641A0490) develop “ Automatic Hand Sanitizer”.

**SV-CREATIONS**

**AUTOMATIC HAND SANITIZER**



**Circuit diagram**



**FEATURES**

- TOUCH FREE**
- IR SENSOR TECHNOLOGY**
- COMPACT DESIGN**
- WORK WITH 5V DC OR SOLAR**

**Portable and low maintenance**



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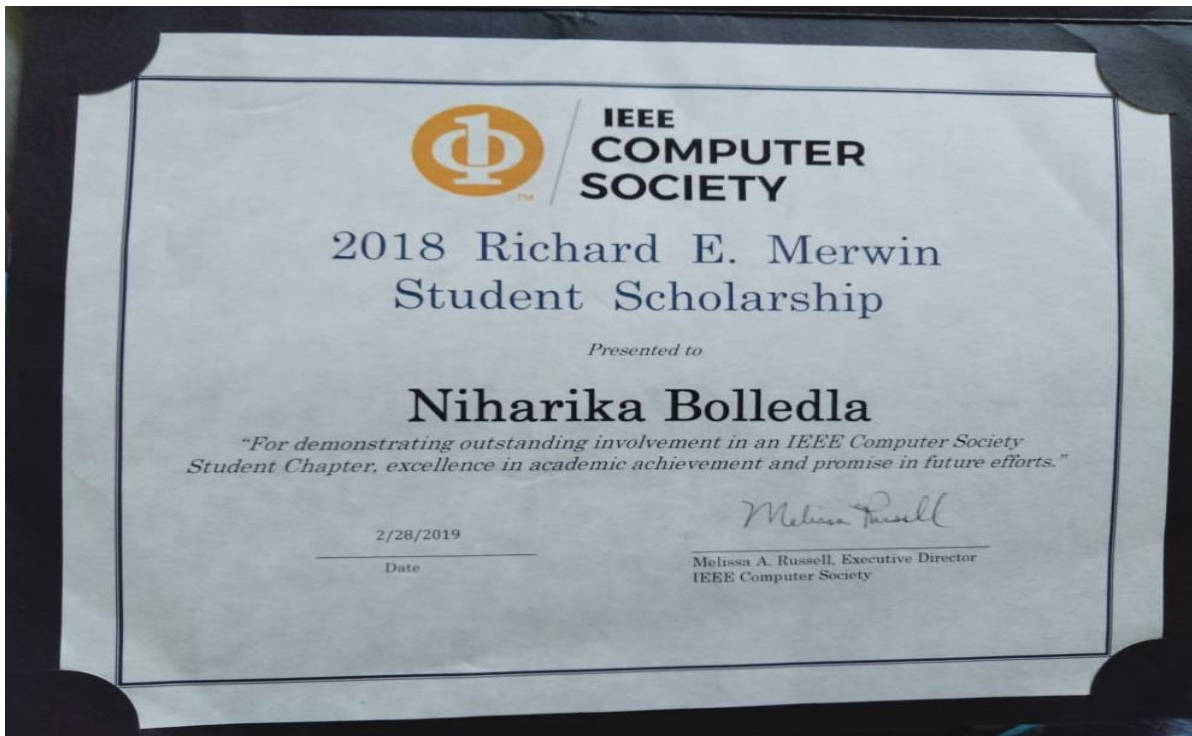
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- 3) **Ms.B.Niharika** student of ECE, offered scholarship from 2018 Richard E.Merwin sponsored by IEEE Computer Society



- 4) **Ms.B.Niharika** student of B.Tech –ECE ,Vaagdevi College of Engineering achieved “GRACE HOPPER CELEBRATIONS INDIA SCHOLARSHIP” award in 2018.



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- 5) **Ms.K.Anuhya** NCC Best Cadet-2018-Warangal group. And has participated in republic day parade-2019 in prime minister's rally.







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- 6) **Ms.Manvitha**, NCC cadet achieved “GOLD MEDAL FOR BEST PERFORMANCE ” in Cultural event conducted by NCC camp -2017 by Lt.Colnol.PunkajDevgan.



- 7) **Mr.Mahesh Neerati**, achieved IEEE Outstanding Volunteer award- 2019 From IEEE HYD Section

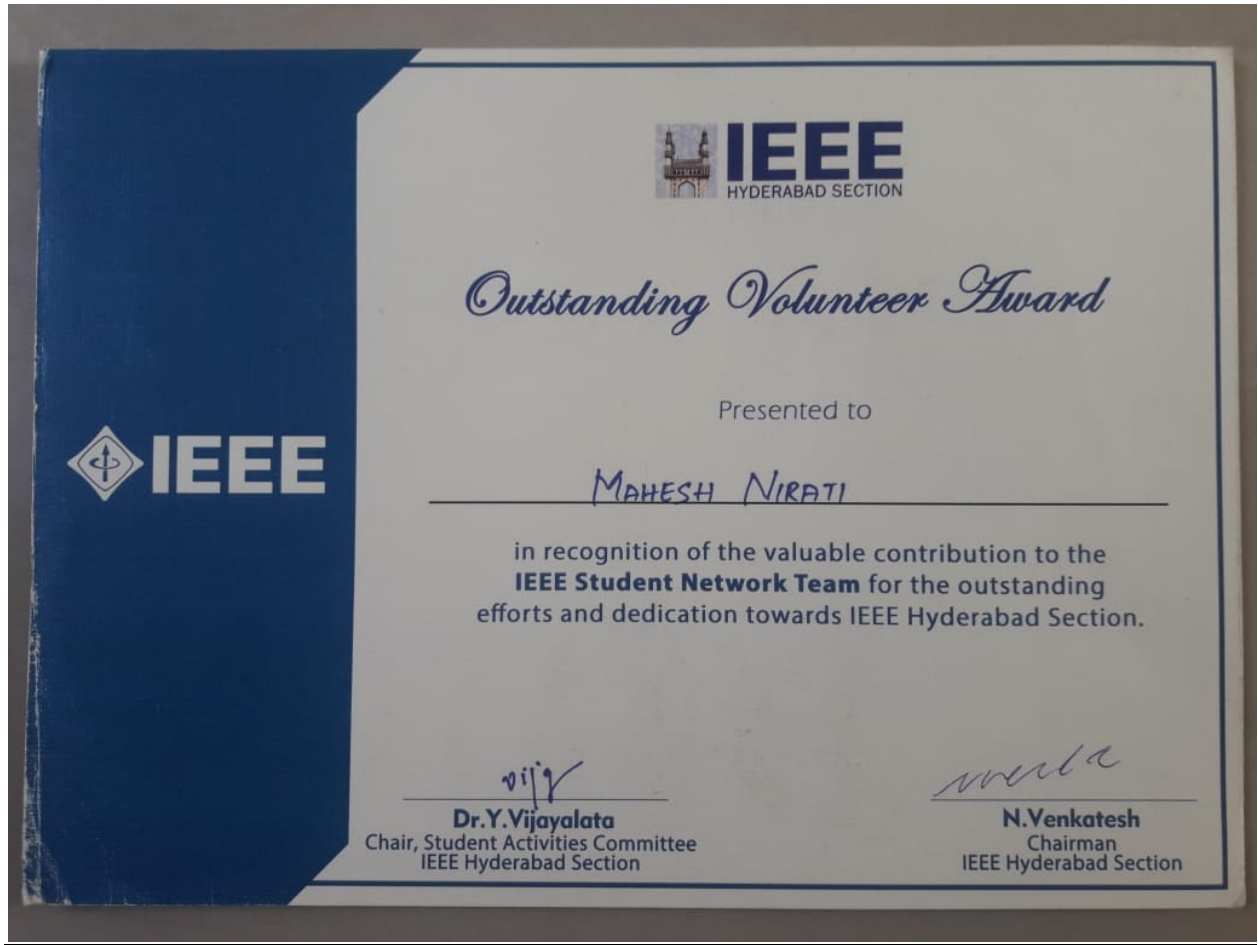


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- 8) Mr. Mahesh Neerati, achieved Appreciation from IEEE HYDERABAD SECTION for service as Warangal Zonal lead for Student Networking Team of IEEE SAC

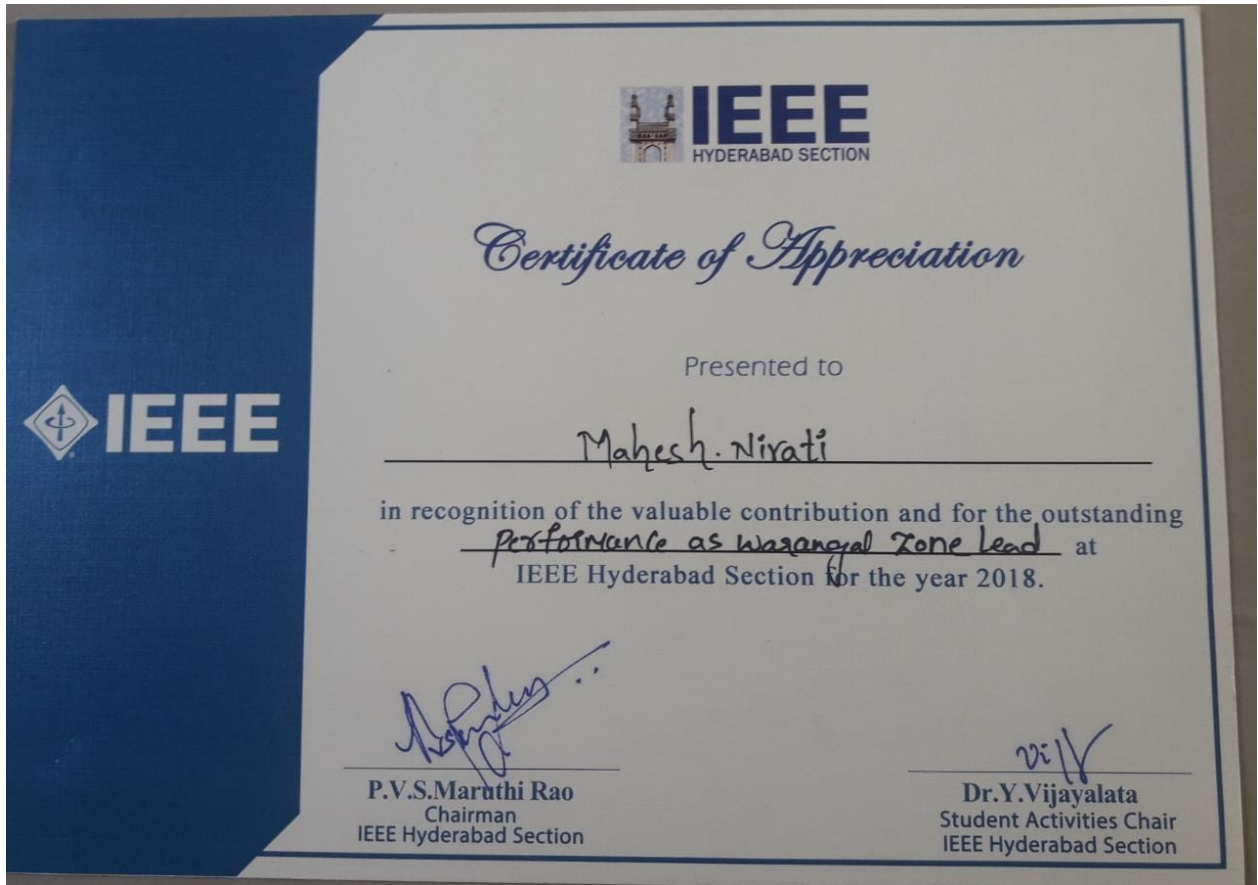


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- 9) Ms.Pooja, NCC cadet received “SILVER MEDAL ” Tug of War and Gold medal in Singing conducted by NCC camp -2017.



- 10) One of our student **Mr.Rohithpothipalli** has established a startup company M/s Suhrudaplab registered under companies act 1965 having its registered office 4-6-





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87,reddy colony, Hanamkonda,Warangal urban, Telangana state-506001. He has developed internet based application that runs on web ,android,IOS platform for the alumni and current staff of Mahatma Gandhi Memorial Hospital ,Warangal. He also got 50 Lakhs worth software assistance from Microsoft.



- 11) Publisutra Technologies PVT. LTD, a pre-startup inducted into Vaagdevi Incubation & Business Accelerator. Publisutra tech website launched by Mrs. Annie Vijay product manager Telangana State Innovation Cell, who interacted with the delegates on TCIS & the innovation ecosystem and CEO Mr. K. Chandra Shekhar.



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- 12) **Mr.Kanukuntla Chandra Shekar** student of B.Tech-ECE vaagdevi College of Engineering achieved “STRATUP INDIA TELANGANA YATRA 2018” in Oct-2018.





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- 13) **Mr.Chandra Shekar** student of B.Tech-ECE vaagdevi college of engineering achieved “MICROSOFT TECHNOLOGY ASSOCIATE” award in 2018.



### CERTIFICATE OF EXCELLENCE

This is to certify that *Chandra shekar*  
studying at  
*Vaagdevi college of engineering*  
has successfully completed the  
*Microsoft Technology Associate (MTA) Course in*  
*Machine Learning*  
conducted by Verzeo Edutech at  
**BITS PILANI, HYDERABAD CAMPUS.**

**Harshitha U.,**

Human Resources, Verzeo EduTech

- 14) **Ms.ChirraAkansha Goud** student of B.Tech – ECE, Vaagdevi College of Engineering achieved “WIE INSPIRING STUDENT MEMBER” award in 2018.



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### WINNERS OF JHUB HACKATHON JNTUH - 2019 RUTHWA - JNTUH-CEJ

WE ARE GRATEFUL ABOUT THE APPRECIATION OF OUR PROJECT AS WINNERS OF JHUB-JNTUH HACKATHON AND RECOGNISED AS AN EFFECTIVE PROJECT AND PLAYS A MAJOR ROLE IN PRESENT GENERATION.

THIS HACKATHON WAS ORGANISED IN COLLABORATION WITH NEN - NATIONAL ENTREPRENEURSHIP NETWORK-WADHWANI FOUNDATION , HYSEA - HYDERABAD SOFTWARE ENTERPRISES ASSOCIATION AND CII -CONFEDERATION OF INDIAN INDUSTRY , WHICH IS CONDUCTED IN ALL JNTU COLLEGES IN TELANGANA STATE . THIS EVENT IS CONDUCTED IN JNTUH COLLEGE OF ENGINEERING JAGTAL . THIS HACKATHON IS VERY HELPFUL TO ALL ENGINEERING STUDENTS IN EXPLORING THEMSELVES IN ALL ASPECTS AND COMING UP WITH THE NEW PROJECT IDEAS. THIS IS A GREAT OPPORTUNITY TO ALL THE ENGINEERING STUDENTS OF TELANGANA STATE, WHICH AIMS IN LEARNING , CONNECT WITH INDUSTRY LEADERS DURING THE PROCESS OF DEVELOPING THE PROTOTYPES IN HACKATHON, FOR THE PROBLEM STATEMENTS. THE PROBLEM STATEMENTS ARE RURAL DEVELOPMENT , URBAN TRANSPORTATION , WATER CONSERVATION , HEALTH AND AGRITECH . JITS STUDENTS KRISHNA CHAITANYA KATHALA , THANUKU AISHWARYA AND KOMAL VYAS FROM COMPUTER SCIENCE AND ENGINEERING STREAM RECEIVED THE PRIZE FROM DR.N.V.RAMANA , PROF. OF EEE &AMP; PRINCIPAL AND DR.S.VISWANADHA RAJU , PROF. OF CSE .

#### PROJECT DETAILS :

THE PROJECTS DEALS ABOUT BREAST CANCER . AS WE HAVE SEEN LOTS OF PEOPLE ARE LOOSING THEIR LIVES FOR LACK OF SUPPORTIVE HEALTH CARE SYSTEM, NOT ONLY THAT DUE TO FINANCIAL ISSUES THEY ARE NOT UNDERGOING INTO ALL THE TREATMENTS. AN ARTIFICIAL INTELLIGENCE BASED PREDICTION MODEL FOR CANCER BY USING CNN FOR DEALING WITH THE TEXT DATA AS WELL AS IMAGE DATA. OUR ADVANCED FEATURES OF THE MODEL , IT CAN ABLE TO PREDICT BOTH DATA , TEXTUAL DATA AND IMAGE DATA OUR MODEL WILL BE ABLE TO PREDICT THE CANCER , WITHOUT UNDERGOING INTO ALL THE TESTS . A COST EFFECTIVE MODEL FOR ENHANCING THE CURRENT HEALTH CARE SYSTEM EFFECTIVELY, WILL BE TRYING TO GET THE GOOD ACCURACY AS WE ARE DEALING WITH ADVANCED TECHNOLOGIES FOR THE BETTER RESULTS. AS OUR TRAINING DATA DEALS WITH THE PRIOR PATIENTS DATA WHICH WAS IN THE TEXTUAL FORMAT, WHERE AS OUR WE SPLITTED THE DATA EFFECTIVELY BY USING PYTHON PROGRAMMING LANGUAGE. THIS PATIENTS DATA WILL BE ABLE TO PREDICT , IF WE GIVE THE NEW INFORMATION IT WILL BE ABLE TO PREDICT WHETHER THE FOLLOWING PATIENT UNDERGO INTO THE CANCER OR NOT. WE EVEN VISUALIZE THE IMAGE DATA , WHERE AS WE GATHERED THE DATA WITH IMAGES , FROM REPOSITORY'S THIS IMAGE DATA WILL BE ABLE TO PREDICT IF WE GIVE THE IMAGE FILE AS AN INPUT TO THE MODEL OUR GOAL IS TO MAKE A COST EFFECTIVE MODEL FOR THE HEALTH-CARE SYSTEM, WHICH WILL BE ABLE FOR THE FUTURE GENERATIONS , AND ALSO OUR APPLICATION WILL HELP FOR THE BETTERMENT AND A WEB APPLICATION WILL BE ADDED AN ADVANTAGE FOR EASE OF USE FOR THE DOCTORS.

TEAM DETAILS :  
K. KRISHNA CHAITANYA RAO, T.AISHWARYA AND K.CHANDRA SHEKAR