

Allumallu Veera Venkata Susmitha (蘇絲密達)

Masters-Electronics & Communication Engineering
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- Objective** To gain transnational scholastic experience by utilizing tutelage and directions of Eminent educationalists and exercising myself in avant-garde technologies which leads to whet my tech adroitness to accomplish my carrier objective of concocting myself as outstanding pollster in this brook.
- Education** **B. Tech in Electronics and Communication Engineering (2014-2018)**
CGPA: 8.7 out of 10
Veltech Dr. RR & Dr. SR University, Chennai, Tamil Nadu, India
- Class 12th State-Board (2013-2014)**
Percentage Secured: 95
Narayana Junior college, Sriharikota, Andhra Pradesh, India.
- Secondary School Leaving Certificate (SSLC) (2011-2012)**
Percentage Secured: 90
ST ANN'S MHSS Panagudi, Tamil Nadu, India
- Software's known** Hands on training in PCB designing, MATLAB, Python, TrecVID and Arduino Programming, basic knowledge of 'C' & 'C++' languages.
- Achievements and Awards** **Prime Minister's scholarship** from National Defense fund for higher scores in Central Industrial Security Force [C.I.S.F] (2014-2018).
- Inspire Award**, for **Less Energy consuming Transport** from Department of Science and Technology (DST), India. (2012).
- Merit Award** Winner in Production design competition for **Speed control using Seat Belt** in Veltech Dr. RR & Dr. SR University. (3rd prize in 2016).
- Merit award** winner for Publishing journal on **Underwater crack detection using image processing ROUV** in a IEEE Madras Chapter which held in Veltech Dr. RR & Dr. SR University. (2nd prize in 2016)
- Prestigious award** for developing a prototype of "Underwater **Structural and biological monitoring using ROUV**" in an international Novel Notion project exposition organized by **VISAI 2017** which held in Veltech Dr. RR & Dr. SR University. (3rd prize in 2016)
- NCC 'A' grade** in C certificate, Tamil Nadu, Puducherry and Andaman and Nicobar Directorate (2014 – 2017)

**Research
Experience**

Centre for Autonomous Research Lab

Research Park, Veltech Dr. RR & Dr. SR University
Advisor: Dr. E. Balasubramanian, Associate Professor

Indo-Canada project of Full field non-contact SHM protocol for long span railway bridges and heritage structures.

[ID no: DST / INT / Canada/ IC – IMPACTS / P - 3/2015 (G)]

Centre for Autonomous Research Lab

Research Park, Veltech Dr. RR & Dr. SR University
Advisor: Dr. E. Balasubramanian, Associate Professor

Indo-Korean project of Amphibious unmanned aerial vehicle for collection of water samples and assessment of water quality.

**International
Research
Experience**

Rapid orientation search evaluation Lab (Rose)

Summer Research Internship through NTU@IndiaConnect Programme
Nanyang Technological University, Singapore

Supervisor: Prof Yuan Junsong

Title: Image and Video Retrieval

Duration: May 2017 - July 2017

Structural Engineering Lab

Research Internship through TEEP@India Programme
National Chiao Tung University, Taiwan

Supervisor: Prof Tzu Kang Lin

Title: Major role of IoT in Disaster Management

Duration: January 2018 – June 2018

**Academic
Mini Projects**

1. Public safety using Gas sensor connected with GSM Module (2014)
2. IOT Based Smart maid robot (2015)
3. Speed control using seat belts in Auto mobiles (2016)
4. IOT based wildlife census & thirst-quenching system using Raspberry Pi (2017)
5. Computer based wildlife detection using Image processing (2017)

**Journal
Publications**

1. Underwater crack detection using image processing ROUV-International Journal of Research Computing & Information technology (IJARCIT)-Volume 4, Issue 1. June 2016, ISSN:2348-9529, PP 1-6
2. IoT based wildlife census & thirst-quenching system using Raspberry Pi- International Conference on Energy, Communication, Data analytics and Soft Computing (ICECDS) Volume 3, Issue 4. September 2017, Code: SKR-IEEE-ECDS-0630, PP 1-5
3. National conferences and Paper Presentations on
 - Artificial Vision for Blind-Cyborg eye
 - IOT based wildlife detection
 - Detecting the infected crops using image processing

**Area of
interest**

IoT, Cloud Computing, Image Processing, Automation in UAV'S, 5G
Mobile Technology and Artificial Intelligence.

Activities

1. Effectual Parade Commander in National Cadet Corps (2014-2016)
2. Notable Master of ceremonies of National level cultural fest **LAVAZA** held at Veltech Dr. RR & DR. SR University (2016).
3. Notable Master of ceremonies for Felicitation of RDC cadets for TN, P & ANDTE.
4. Volunteer in Blood donation camp organized by lion's club in Veltech Dr. RR & DR. SR University (2016).

Training & Certificates

1. Kerala State Electronics and Development Corporation Ltd. (KELTRON) **Hands on Training Programme in Power Electronics Group** Duration: 7 days.
2. Industrial training program in BHARAT SANCHAR NIGAM LIMITED(BSNL).
3. Industrial visit to Chennai port area and Indian Navy Service (INS).
4. Workshop about Basics of Autodesk fusion 360 to create 3D models in Manakula Vinayagar Institute of technology.

Personal dossier

Date of Birth : 24-04-1997
Gender : Female
Nationality : Indian.
Passport number : P6426032
Language Proficiency : Telugu, English, Hindi, Tamil, & Malayalam
Father's Name : Mr. A.Venkateswara Rao.
Permanent Address : Dno-11-107, Panchayat Street, Bikkavolu
Mandal, Bikkavolu, E a s t Godavari
dist., Andhra Pradesh -533343.

Reference

- Dr Lan-Da Van, Associate Professor, Department of Computer Science Engineering, National Chiao Tung University, Hsinchu city-30010, Taiwan.
Contact no: +886-958946617, Email: ldvan@cs.nctu.edu.tw
- Dr E. Balasubramaniam, Associate Professor, Centre of Autonomous System Research, Veltech Dr. RR & Dr. SR University, Chennai-600062.
Contact no: +91-9445401978, Email: balasubramaniane@veltechuniv.edu.in

Declaration:

I hereby declare that all the information bestowed above is true to the best of my knowledge till date

(A.V.V.Susmitha)

