



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
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Chief Editor:

Prof. M. Srinivasulu

Editors:

1. Prof. M. V. Bhavani Shankar

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5. B. Phanindra Kumar

Student Coordinators:

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2. Y. Keerthana

3. J. Priyanka

4. J. prakash

Message from

Dr. M. Srinivasulu,

Prof. & HoD Of, ECE

The ECE Dept newsletter is a platform for sharing educational information, activities and events related to the ECE Department. I hope that the news letter will provide useful and relevant information. It is the intent of the department to make it a Quarterly publication to keep in touch with the departmental activities and achievements. This is a platform to share information and you can participate by sharing your thoughts on the Departmental activities or by contributing information on the events that you have organized.

Department Vision:

To become centre of excellence in Electronics and Communication Engineering to meet the challenges of industry and the society

Department Mission:

DM1: Impart high quality education to enable students to face challenges Of Electronics and Communication Engineering.

DM2: Provide all possible support to promote activities in the related areas of VLSI, Communications, Signal Processing, and Micro Processors & Micro Controllers.

DM3: Inculcate ethical, professional values and life-long learning skills to address the societal needs

Technology:

Voice-guided ATMs for the visually-challenged

India has one of the largest visually- impaired populations in the world. The Reserve Bank of India, in its circulars in 2008 and 2009, stated that all banking services including ATM cards should be offered to customers with disabilities, and without any discrimination. NCR Corporation — India's largest ATM manufacturer— wanted to reach out to this population and give them a chance to transact independently. Through research, NCR understood the banking challenges that a visually-impaired person usually faces and thereafter developed the Talking ATM—a customized ATM that will benefit such customers while also maintaining the safety of the transaction.

The Talking ATM is also attractive to banks because they don't have to issue any special cards—a regular ATM card will work on the Talking ATM too!

NCR's Talking ATM uses a text-to- speech engine, which allows voicing- out the text on the screen in multiple languages for consumer convenience. This machine is incorporated with unique software and hardware features that ensure that a person with a disability can operate the machine on his own while maintaining the safety of the transaction. It comprises accessible keypads and Braille stickers too.

When a visually-challenged person attaches his headphone set to this ATM, he can hear the instructions, which enables him to fill-in the required data using the numeric keypad. Apart from reading aloud screen messages, the machine provides complete orientation, making it easy for the customer to use the machine.

An important security feature of this ATM is that it provides the person an option to blank out the screen as a safety mechanism to avoid shoulder- surfing by bystanders.



Placements:

S.No	Name of the student	Roll No	Name of the Employer
1	P.ANVITHA	13MQ1A0402	SYKAS
2	B PUSHPANJALI	13MQ1A0404	S V Tech Solutions
3	CHENNAKESAVULU NAGAVENKATA SAI ANITHA	13MQ1A0406	RMSI
4	CHINTHALAKRINDA HARITHA	13MQ1A0407	<u>Cyient</u>
5	GURRAMLIKHITHA	13MQ1A0410	AURUM Info Solutions
6	JAGABATTULA TEJOVATHI	13MQ1A0411	<u>Cyient</u>
7	MURARI PRATHYUSHA	14MQ5A0419	Effectronics
8	LUKKA SAI KUMARI	13MQ1A0420	<u>Cvient</u>
9	MR SAI PRASANNA	13MQ1A0421	SPRING ROOTS
10	P SOWJANYA	13MQ1A0430	Mobius Knowledge Services
11	R.YUGESWARI	13MQ1A0431	CADSYS
12	THALLAPRAGADA DIVYA VALLI PRASANNA	13MQ1A0434	Indigo
13	TUMU BHARATHI	13MQ1A0439	MANNA Foods private limited.
14	VALLABHA PRAVALLIKA	13MQ1A0441	Cognizant
15	YENDURI ASRITHA	13MQ1A0444	<u>Cvient</u>