



DEPARTMENT OF ISE

# INFOSHINE



**JUNE 2020 TO  
DEC-2020**

**EDITORS**

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# VISION AND MISSION OF ISE

## About Department

The Department of Information Sciences and Engineering was started in the year 2000 with an intake of 40 for four years B.E. courses and Presently enhanced AICTE-approved intake is 60 . The core of the Department lies in the young and dedicated Teaching & Non-Teaching Staff Members, whose efforts have been helpful in the overall development of Students in the College. The Department infrastructure includes State- of-art of Desktop PCs housed in different laboratories. A wireless ( WI-FI) networking provides flexible internetworking of PCs in the Department.

## Vision

To become a Centre of Excellence in Information Technology Education and Research that is adaptable to the ever-changing needs of mankind.

## Mission

1. To provide quality technical education coupled with innovative methods to enhance the career of students in IT industry, entrepreneurship, higher education and research.
2. To instill moral values, professional ethics and leadership qualities in students to achieve professional success

Visit the

Department online @

<http://bldeacet.ac.in/courses/information-science-engineering/>

## Alumni Meets

An Alumni meet was conducted on 05/09/2020 and around 15 alumni had participated. It was a pleasant surprise as students visited department to celebrate teacher's day with all of us. The alumni students were from different outgoing batches. The alumni meet was graced by presence of HOD of ISE, Prof S M Chadachan , Alumni coordinator of department and all the staff members of Information Science and Engineering.

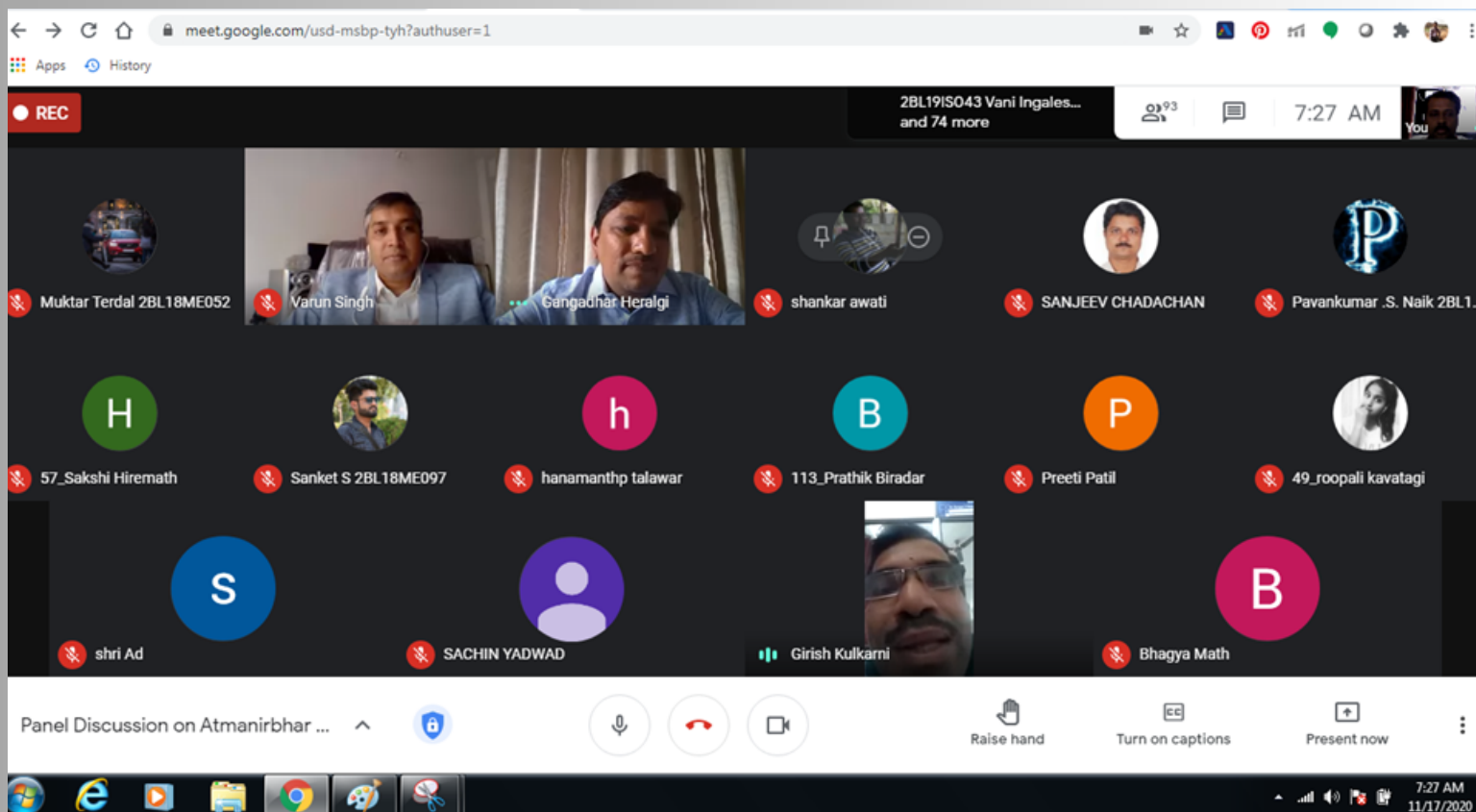
The alumni participants are working as Senior software engineer, design analyst, project engineer, automation specialist and various other designations in the companies like Infosys, Robert Bosch, Wipro, Siemens Technology, Aritha Consulting Services, Cognitive Clouds, BYJUS and various others





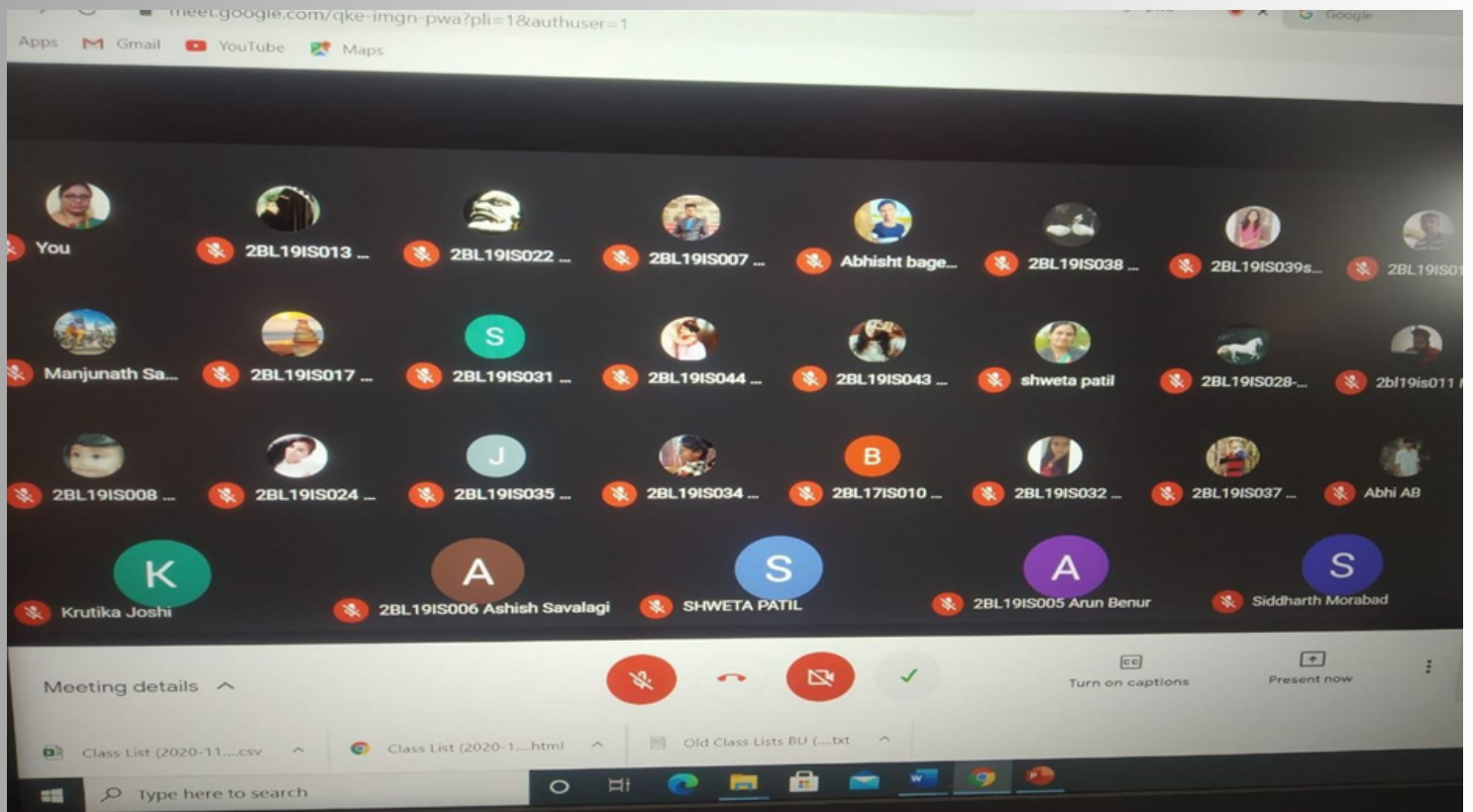
# PANEL DISCUSSION ON "ATMANIRBHAR BHARAT-VOCAL FOR LOCAL MAKE IN INDIA FOR THE WORLD"

Atmanirbhar Bharat, which translates to 'self-reliant India' or 'self-sufficient India', is a policy formulated by Prime Minister of India, Shri.Narendra Modi for making India "a bigger and more important part of the global economy", pursuing policies that are efficient, competitive and resilient, and being self-sustaining and self-generating. It was the discussion event jointly conducted by Department of ISE in association with Institution's Innovation Council (IIC). The event mainly focuses on how one can become Self-Reliant in India by producing products locally and market it with the brand "Made In India" product. Mr.Gangadhar Heralagi, Co-Founder & CTO Monocept, Hyderabad and Mr.Varun Singh Director,Special Project Kantar's GDC,Hyderabad were the panelists.



# Value Added Course On "Basic concepts Of C & Data Structures" 05/09/2020 to 10/09/2020

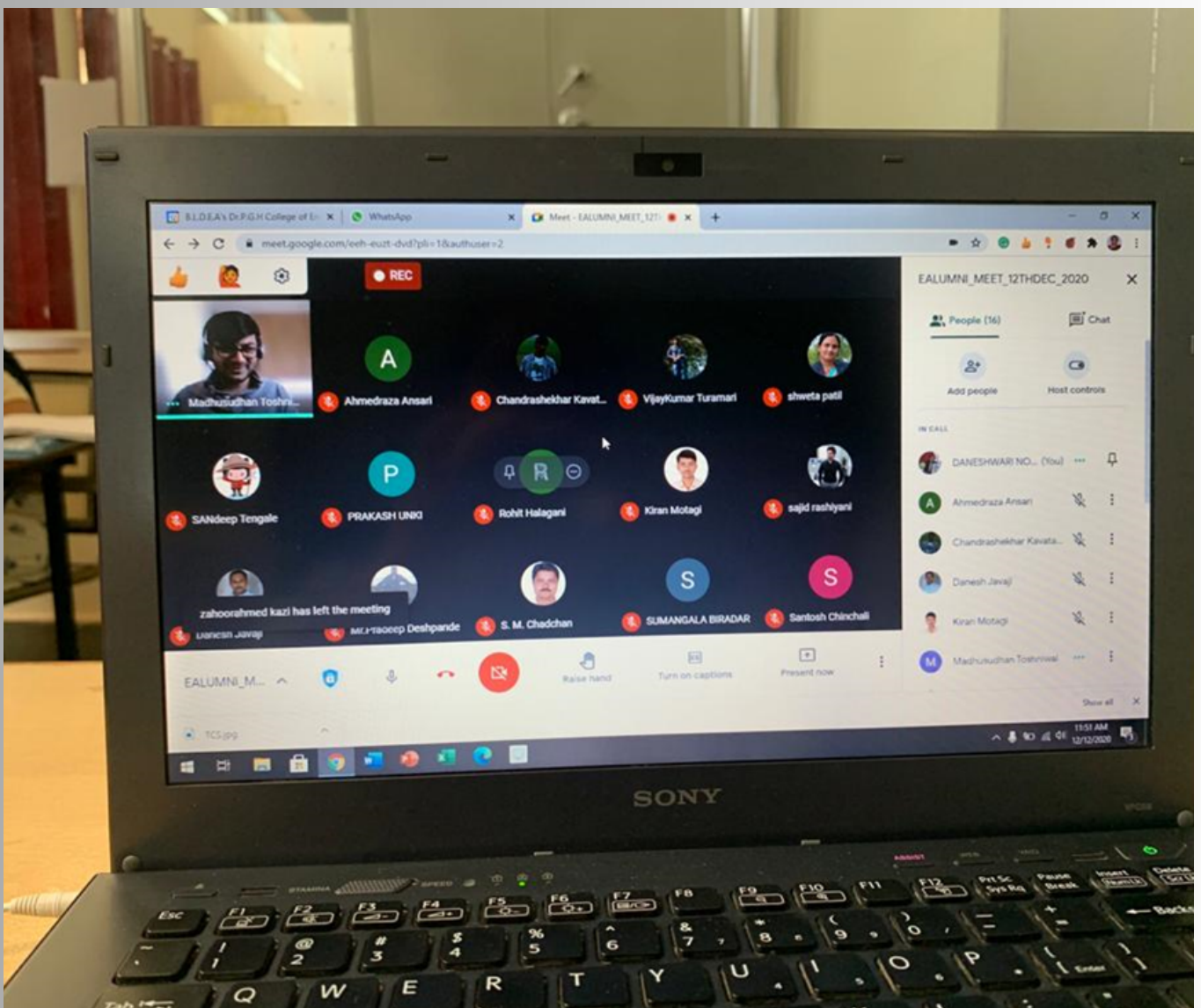
Although numerous computer languages are used for writing computer applications, the computer programming language, C, is the most popular language worldwide. Everything from microcontrollers to operating systems is written in C since it's very flexible and versatile, allowing maximum control with minimal commands. Hence to enhance the Basic concepts of C we conducted Bridge course on C & Data structures for third semester students during 05/09/2020 to 10/09/2020. In future, to place in any companies the basic skill in C is very important. Because it is the basic foundation for all programming languages.



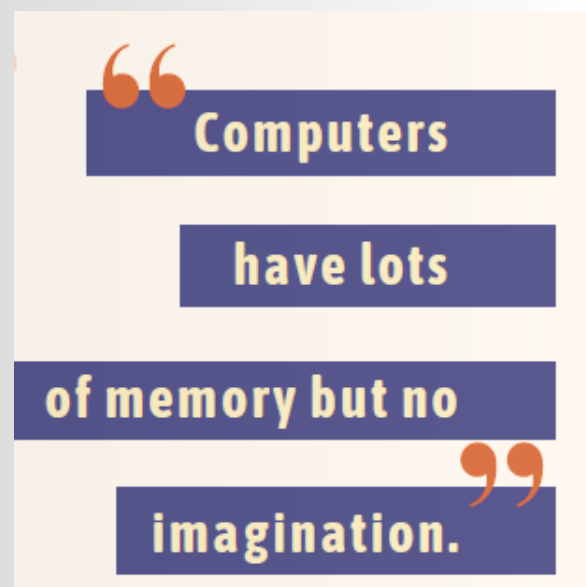
## Alumni Meets

An Alumni meet was conducted on 12/12/2020 and around 18 alumni had participated. The alumni students were from different outgoing batches i.e..2009,2010,2011. The alumni meet was graced in presence of the HOD of ISE, the alumni coordinator of the department, and all the staff members of Information Science and Engineering.

The alumni participants are working as Senior software engineer, design analyst, project engineer, automation specialist and various other designations in the companies like ANZ banking, Cisco Systems, Oracle, Infosys, Mavenir, L and T Infotech, ADIB, CommScope, and various others.



We are in 2020, and IoT is being developed as we speak.. We can print whatever we imagine using 3-D printers. We are predicting the future to its best and accurate using ML. The question, “Will AI take over humans?” is no longer a question. Google Assistant and Siri are the beginning of a new era. Data is being sent nearly at the speed of light; we know it as LTE. Automated manufacturing... lol, that happened half a century ago. The technologies we dreamed of a few years ago are all real now. If asked, what’s left from our dreams that aren't invented or developed, don’t tell me you want to be outdoors by staying indoors. Don't worry, AR and VR will fulfill it soon. We don’t even need licenses nowadays, because self-driving cars are here. Is this the end of development? What is the next step? Ever wondered “WHAT’S NEXT?”



It’s time, we dream of new technologies. Let’s start dreaming. Can we dream of Artificial eyes which will capture images and send them out to the brain? It will be a miracle for blind people. Self-healing materials that will heal themselves upon any damage will be a permanent solution to tear and wear in machines. Think of ending forest fires with the help of sound. How does it sound? What if we use a superconductor in an electric vehicle? Will we ever need to charge our electric vehicles? Ponder upon the question. Is it beneficial or destructive, if the computer wrote the algorithm itself? How about we capture the solar energy trapped by plants? This will solve deforestation and energy depletion. The technology and future we dreamt of, is already here and we need to dream of new technologies. Let’s start dreaming of "WHAT'S NEXT? "



## Research Publications

- A.A.Javaji,S.S.Chinchali, S.K.Honawad "Staff Elimination using Supervised Pixel Classification"IEEE-BHTC 2020. (IEEEExplorer))
- Prema T Akkasaligar, Sumangala Biradar "Medical Image Compression and Encryption using Chaosbased DNA Cryptography" IEEE-BHTC 2020. (IEEEExplorer))
- Dr.Prakash Unki "Methodology for Classification and segmentation of Multiple Sclerosis Affected BrainMRI images"IEEE-BHTC 2020. (IEEEExplorer))