INFO EDGE

Imagination to Reality

Vision

Develop professionally competent Computer Science Engineers to serve the society.

Mission

We at the Department of Computer Science and Engineering are committed to achieve our vision by:

1. Imparting outcome based education through effective teaching learning process.
2. Providing exposure to latest tools and technologies in the area of Computer Science.
3. Inculcating research and Industry-institute interaction.
4. Involving stake holders for continuous development.

Message from HOD

EDITORIAL BOARD

DR. SYED NAIMATULLAH HUSSAIN

PROF. GAYATRI BAJANTRI

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MS. MUSKAN PATHAN

I take the privilege to welcome you all to the Dept. of Computer Science & Engineering, accredited by the National Board of Accreditation (NBA) at SECAB Institute of Engineering & Technology, Vijayapur.

The very motto of our department is to provide quality of education and to be recognized as an innovative and leading Computer Science & Engineering department in the University and beyond.

The Department has been offering excellent facilities with a variety of open source computing platforms to aspiring professional students to meet the current trends of the IT industry. The department endeavors to produce confident professionals tuned to real time working environment. To inspire the students to develop their technical skills and inculcate the spirit of team work in them.

The strength of the department is highly motivated students who understand the dynamics of the industry and tune their skills accordingly. Along with academic knowledge The department offers excellent academic environment with a team of highly qualified faculty members, state- of-the-art facilities, excellent research and development environment. Our aim is not solely to develop technical skills but to provide ethical values, professional grooming and guidance so that our students mould into thorough professionals and inspiring individuals when they enter into the real-time environment.

SECAB Institute of Engineering & Technology, Vijaypur also trains its students to face the challenges in life by providing value added education to enhance their career prospects. I would be happy to see you as a member of Computer Science & Engineering family at SECAB Institute of Engineering & Technology, Vijaypur.

Dr. Syed Naimatullah Hussain

Faculty Development Program

Keeping in mind the safety measures to be adopted as per the guideline of COVID19, by maintaining social distance, staying home and updating the skills etc. One-Week online Faculty Development Program on "DATA SCIENCE & IOT" in association with Indian Society for Technical Education (ISTE, organized by department of Computer Science & Engineering from 9th June to 13th June 2020 was proposed. The faculty development program aims to provide opportunities to faculty members to enrich their Knowledge & technical skills in the field of data science & IOT. The program also inculcates learning values.

About the FDP:

The connected world generates large volumes of data which needs to be understood and analyzed to extract vital information hidden in it. This job is well performed with the help of Data Science. We can refer to Data Science as a combination of various processes and systems that work systematically to analyze large volumes of raw data and extract useful piece of information to be used for developing future IT strategies.

Data science and IOT business goes hand-in-hand to achieve higher efficiency. Data Science primarily aims to enhance the value of silos and to utilize the data across various facets of your IoT business. It also helps to enhance business areas like CRM, service analysis stack, capacity planning etc. Content of Faculty Development Program: IOT & its protocol, Introduction to R Programming and Data Visualization on Covid19 using Shiny App, towards efficient routing in smart cities, Introduction to Data Science Research Perspective &The art of DATA SCIENCE. The FDP was coordinated by Mrs. Gayatri Bajantri and Mr. Muzamil Dakhani

Highlights of FDP

1. Attendees were able to learn & interact with renowned Industry experts.
2. Soft copy study material, Training PPT's & Projects code was provided to all the participants
3. Participants will get recorded sessions after completion of training.

Speakers

Dr. Shivamurthy G VTU PG centre, Bangaluru	**Mr. Nirbhay Mathur** Research Scientist, UTP Malaysia	**Dr. Khaleel Hussain** Research Scientist, UTP Malaysia
Dr. Mohammed Javeed Asst. Professor, IIIT, Alhabad		**Mr. Abdul Salam** Senior solution Architect, ITC Bangaluru

International Women's Day

International Women's Day is celebrated in the world over, every year on the eight day of March. It celebrates womanhood and pays tribute to the indomitable spirit of women across the globe. Its root lies in the early 1900s when oppression and inequality was spurring women to become more vocal and active in campaigning for change.

About the Program

During the event the guest of honor Advocate Ms Fatima Khatib addressed that there should be a balance between career and family and without a family support a women can't achieve success, also addressed that girls should know their right to defend themselves and be careful against crimes against women.

8th March, considered as International Women's Day. This day brings many things for women – a cause for celebration, a reason to pause and re-evaluate a remembrance, an inspiration and a time to honor, loved and admired. To honor womanhood, department of CSE celebrated the International Women's Day on Tuesday, 8th March, 2020 in the SECAB I E T campus. For the event, chief guest was Advocate Ms Fatima Khatib, Ms Ayesha was the host for the event. She initiated the event with welcome address and felicitation of the guest of honor. Ms Zarina K M(Assistant Professor, CSE) introduced the guest of honor of the event.

On the same occasion the guest of honor, Ms Fatima Khatib shared her tales of struggle and success. Further she said, gender equality is very important for a healthy society. The milestone to be reached is the basic information for a girl child in every family education will during awareness among the society which will further result in overall development of nation and its community.
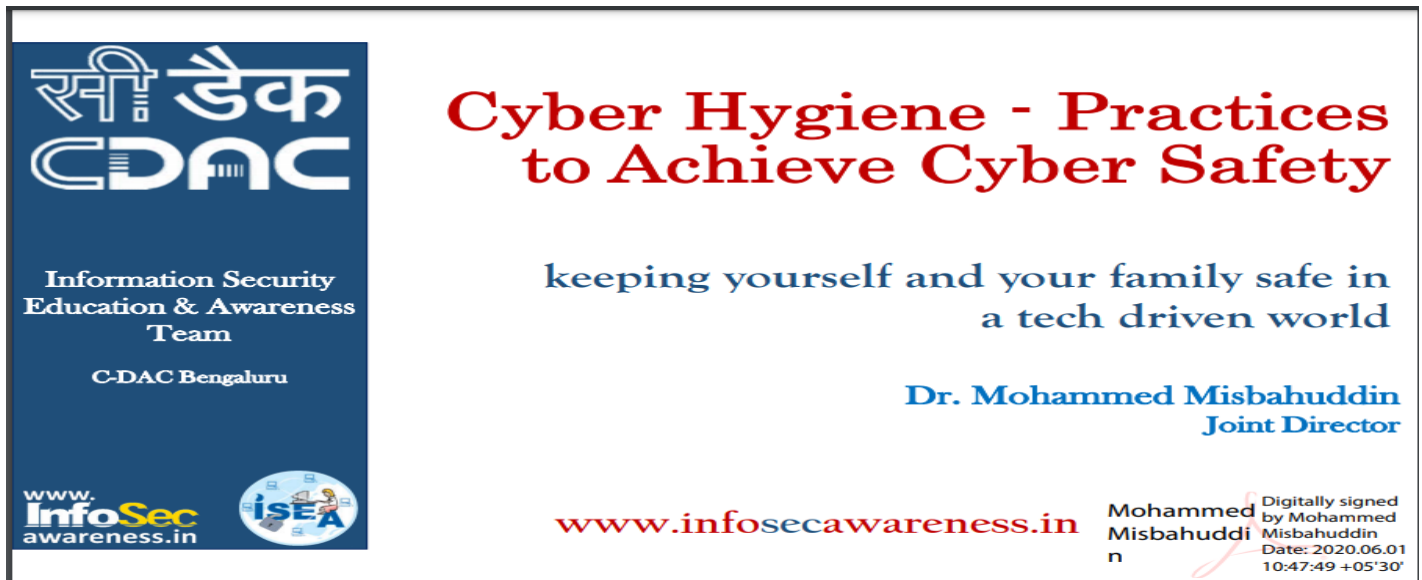
"If you educate a man, you educate an individual. But if you educate a woman, you educate a nation"

Ms Fatima Khatib

Webbinar on Cyber Hygiene

Department of Computer Science & Engineering of SECAB Institute of Engineering & Technology, Vijayapur, KARNATAKA in association with Computer Society of India (CSI) Chapter & C-DAC, Bangalore, Organizes a Webinar on "Cyber Hygiene" Under Information Security Education and Awareness (ISEA) on 29th May 2020 from 11:00 AM – 1:00 PM.

About the webinar Cyber hygiene is often compared to personal hygiene. Much like an individual engages in certain personal hygiene practices to maintain good health and well-being, cyber hygiene practices can keep data safe and well-protected. In turn, this aids in maintaining properly functioning devices by protecting them from outside attacks, such as malware, which can hinder functionality

Cyber hygiene relates to the practices and precautions users take with the aim of keeping sensitive data organized, safe, and secure from theft and outside attacks.

Webinar Objective: Participants will be able to relate Cyber Hygiene the practices and precautions users can take. The aim of keeping sensitive data organized, safe, and secure from theft and outside attacks.

 Resource Person: Dr. Mohammed Misbahuddin Joint Director ACTS & BD , CDAC (Centre for Development of Advanced Computing), Bangalore

Profession Body Membership

A professional body is an organization with individual members practicing a profession   or occupation in which the organization maintains an oversight of the knowledge, skills, conduct and practice of that profession or occupation.

The department of Computer Science and Engineering is proud to have the **Indian Society for Technical Education (ISTE) student and staff membership chapters & Computer Society of India (CSI)**

Plantation Drive

"Tree Plantation Drive" is organized by Department of Computer Science & Engineering, SECAB Institute of Engineering & Technology, Vijayapur held on 22nd August 2020, during which trees were planted around the area of CAMPUS. The plantation drive was organized under guidance of Dr. SyedNaimatullah Hussain, H.O.D Computer Science and NSS Co-ordinator Mr. Mujamil Dakhani, Asst. Prof Department of Computer Science. The support of all the Staff members and Students helped us to complete this successful event.

HANDS ON – APACHE KAFKA IN ACTION

Three days online workshop "Hands on: Apache Kafka In Action" in association with Computer Society of India(CSI) organized by department of Computer Science & Engineering from 18th June to 20th June 2020 was proposed. The workshop aims to provide opportunities to students' to enrich their Knowledge & technical skills in the field of Apache Kafka. The program also inculcates learning values.

About the workshop
One of the biggest challenges that is associated with big data is analysing the data. But before we get to that part, the data has to be first collected and also for a system to process impeccably it should be able to grasp and make the data available to users. This is where Apache comes in handy. The workshop will focus on current happenings in Apache Kafka

The program was being streamed live on Youtube with few minutes of latency for all national and international participant. The streamed link was shared through WatsApp with all participants and other official through email

Live webinar contents are as follows:
✓ Apache Kafka Installation on Windows.   ✓ Basic understanding of Distributed Software.

✓ Running multiple process

The eminent Speaker   Mr .Shabbir Ahmad.

Sponsored Projects

GUDIDE_NAME	NAME	TITLE	SPONSERED AGENT	AMOUNT
Mr.Sayyid Abrar	Muskan Arakeripatel Rubina Pathan Hadiya Jahagirdar Asma Jamadar	Pathole Detection System Using Machine Learning on Android	KSCST	3500/-
Dr.SyedNaimaatullah Hussain	AfshandaMadrasi MeenazKolyal BhavyashreeKundangar Komal Katakdhond	Identifying TheMiskabeled Training Samples of ECG Signal Using Machine Learning	KSCST	3500/-
Mrs. Shruti Jalapur	Mrs.Syeda Bushra Hussain	Prediction Of Cervical Cancer Using ML and AI Technology	KSCST	3000/-
Mr.Mujamil Dakhani	Suman Hugar RafeedaKakkeri ShifaBagban BasheeraTorvi	Low Blood Pressure Monitoring And Alert System	KSCST	4000/-

Webinar on Blockchain Technology

We the department of Computer Science and Engineering, conducted a webinar on Blockchain Technology on 25-June-2020 by Speaker **Dr. Samsad, Software Engineer, Allied Software group, Singapore.**
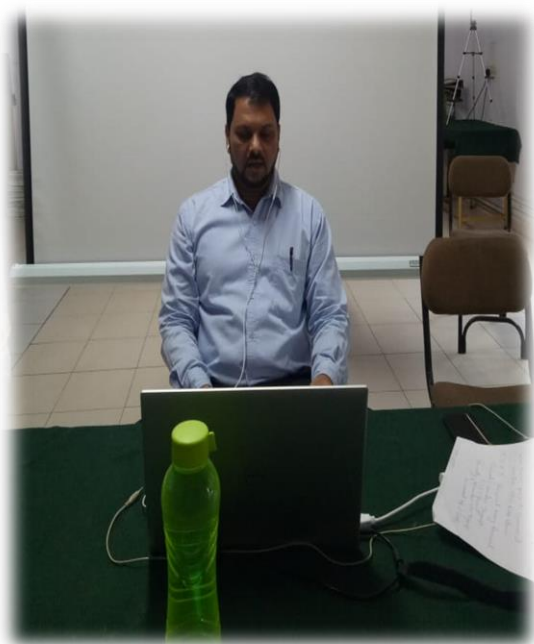
She highlighted the strength and controversies, market values, research opportunities and also job roles during the webinar.

More than 150 candidates from various institutes had participated in the webinar, the quiz as conducted and the feedback from participants was excellent.

The E-certificates were issued to the participants who appear for online quiz and provided the feedback

Webinar on Career Opportunities Post COVID-19 for Engineering Students

We the department of Computer Science and Engineering, conducted a webinar on "Career Opportunities Post COVID-19 for Engineering Students" on 27-June-2020 by Speakers Mr. Arif Ansari, Account Delivery Head, Wipro Technologies and Mr. Khalid Hussain Qureshi, Design Engineering Manager, Xilinx India pvt Ltd.

Both the speakers highlighted the job opportunities, the skill required, knowledge of programming language, higher studies etc, during the webinar.

More than 100 candidates from our institute had participated in the webinar, feedback from participants was excellent.

The E-certificates were issued to the participants

Research Activity

List of Publications

Author's Name	Paper Title	Journal Name with ISSN
Gayatri B, Sufiya Kazi	Detecting Fake News	International Research Journal Of Engineering And Technology (Irjet) Volume: 06 Issue: 05 E Issn: 2395-0056 P-Issn: 2395-0072 **May 2019**
Shridevi K, Samiullah Ranebennur	Examination Hall Management System	High Technology Letters *Volume 26, Issue 08 Issn No:1006-6748***2020**
Shruti Jalapur,Ayisha M Kalburgi	A Novel Approach For Security Using Rsa Parallelization Process	2018 3rd Ieee International Conference On Recent Trends In Electronics, Information & Communication Technology (Rteict),978-1-5386-2441-8 **2020**
Shruti Jalapur, Suvarna Kabadi	Gsvd Algorithm For Image Encryption	International Journal Of Engineering And Technology,2395-0056**2019**
Sayedamudabbira	Automatic Vehicle Accident Detection And Rescue System	International Journal Of Engineering And Technology,2395-0072**2019**
Shruti Jalapur, Afshamaniyar	Door Lock System Using Cryptographic Algorithms Based On Iot	International Journal Of Engineering And Technology,2395-0072**2020**
Shruti Jalapur, Vanishree Hatti, Sneha Jingade, Tahaseenpinjar, Madhu Hippargi	Prediction And Detection Of Heart Attack Using Ai And ML Technology	International Journal Of Engineering Research & Technology (Ijert),2278-0181 **2019**
Dr. Syed Naimatullah Hussain , Rubinabegum I Momin	Smart Card Using Rfid	The International Journal Of Analytical And Experimental Modal Analysis Issn No:0886-9367 **2020**
Dr. S.A.Quadri, Sadiq A Mulla	Crop-Yield And Price Forecasting Using Machine Learning	The International Journal Of Analytical And Experimental Modal Analysis Volume Xii, Issue Viii, Issn No:0886-9367 **August/2020**
Zarinabegam K Mundargi	Fraud Detection Algorithms For A Credit Card	**2019**

Zarina K M	A Review On Machine Learning	**August/2020**
Mujamil Dakhani Umme Habiba Maginmani	Brain Computer Interface Based Robotic Car Using Raspberry Pi	International Journal Of Scientific Research In . Computer Science And Engineering Vol.8, Issue.6, Pp.50-56, E-Issn: 2320-7639 **December (2020)**
Aslam Karjagi1, Tasneem Bagewadi2	Iot Enabled Smart Garden Kit Along With Weather Station	International Research Journal Of Engineering And Technology (Irjet) Volume: 07 Issue: 07 E-Issn: 2395-0056 P-Issn: 2395-0072 **July 2020**
Zarinabegam K Mundargi Prasad Ramachandra Mavarkar	Smart Bind Stick Using Artificial Intelligence	The International Journal Of Analytical And Experimental Modal Analysis Volume Xii, Issue Vii, Issn No:0886-9367 **July/2020**
Zarinabegam K Mundargi Prasad Ramachandra Mavarkar	E- Eye Using Artificial Intelligence	High Technology Letters Volume 26, Issue 7, Issn No : 1006-6748**2020**
Zarinabegam K M Sanjeev Kullur	Alcohol Detection System In Vehicle And Smart Helmet	The International Journal Of Analytical And Experimental Modal Analysis Volume Xii, Issue Vii, Issn No:0886-9367 **July/2020**
Mujamil Dakhani	"Predicting Accuracy Of Players In The Cricket Using Machine Learning"	International Research Journal Of Engineering And Technology (Irjet) E-Issn : 2395-0056 (Volume7, Issue5) **May 2020**
Mujamil Dakhani	rognosis Of Breast Cancer From Mammograms"	International Research Journal Of Engineering And Technology(Irjet) E-Issn : 2395-0056 (Volume7, Issue5). **May 2020**
Mujamil Dakhani	ecognization Of Online News Using Machine Learning"	International Journal Of Scientific Research In Computer Science And Engineering **Ijsrcse** (**Peer-Reviewed Journal)** "E-Issn: 2320-7639 (Volume-8, Issue-4) **Aug 2020.**
Mujamil Dakhani	"Brain Computer Interface Based Home Automation System Using Raspberry Pi"	International Journal Of Scientific Research In Computer Science And Engineering **Ijsrcse** (**Peer-Reviewed Journal)** E-Issn: 2320-7639 (Volume-8, Issue-5) **Oct 2020**

Massive Open Online Courses (MOOCs)

A massive open online course is an online course aimed at unlimited participation and open access via the Web. In addition to traditional course materials, such as filmed lectures, readings, and problem sets, many MOOCs provide interactive courses with user forums or social media discussions to support community interactions among students, professors, and teaching assistants (TAs), as well as immediate feedback to quick quizzes and assignments. MOOCs are a widely researched development in distance education, first introduced in 2008, that emerged as a popular mode of learning in 2012.

Our students have engaged in various online courses from different platform like, Coursera, Datacamp, Udemy etc.

Students have gain practical knowledge during lockdown in pandemic.

50 of our students has completed 150 MOOCs courses from various platforms.

Faculty as Participants in Faculty Development/ Training Activities/STTPs

Name of Faculty	Details Of Participation(2019-20)		
	Name of the Program	Online/Venue	Date & Duration
Dr. Syed Naimatullah Hussain	1. Medical Signals, Processing and Analysis of Cognitive Research: A Practical Approach	Department of Electronics and Communication and Engineering, PDA College of Engineering, Kalburgi {AICTE Sponsored}	Jan 27th– Feb 1st 2020
	2. Webinar on CYBER SECURITY – 2020	Cyber Security, HTC Global Service India Pvt. Ltd	29th April 2020
	3. Digital Era of Teaching	Diksoochi, Mysuru	11th -13th May 2020
	4. Digital Revolution-Post COVID Scenario	SATHYABAMA Institute of Science and technology, Muscat	14th May 2020
	5. Webinar on Data Analytics	SRM VEC CSI STUDENT BRANCH In Association With Computer Society Of India	16th May 2020
	6. National Level Quiz on NAAC	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22.	26th May 2020
	7. Learning Styles: it is the time of Change	One Day Webinar, Guru Nanak University, Hyderabad	21st May 2020
Mr. Aslam J K	1. R Training	SKN Sinhgad College of Engineering, Korti-Pandharpur	8th May 2020
	2. Quiz on NBA and OBE	Dept of Electronics and Communication, S J C Institute of technology, Chickballapur	3rd June 2020
	3. BOSS Linux Training	Karmaveer Bhaurao Patil College of Engineering	22nd April 2020
	4. National Level Intellectual Property Rights Literacy Awareness Programme	Intellectual Property Rights Cell of D.A.V. Velankar College of Commerce, Solapur, Maharashtra	30th April 2020
	5. Data Analysis & Visualization of COVID-19 Dataset Using Python	Dept of CSE, In association with CIRF , Chennai	7th May 2020
	6. Income tax -Income from Salary-E Quiz	Department of Commerce with Computer Application, Idhaya College for Women, Sarguni	18th -20th May 2020
	7. National Level Quiz on NAAC	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	26th May 2020
	8. Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation	Sinhgad Institute of Technology and Science, Narhe,Pune	9th May 2020
	9. R- Programming	Department of Computer Science & Engineering, SKN Sinhgad College of Engineering, Pandharpur, Maharashtra in association with Spoken Tutorial IIT Bombay, Mumbai	30th April-5th May 2020
Mrs. Gayatri B	1. 10 reasons to get – and use – an ORCID iD	Researcher Academy	05th May 2020

	2. Entrepreneurship Post COvid-19	SMT. Indira College of Engineering and Rajeev Gandhi College of management Studies	15th May 2020
	3. National Level Quiz on NAAC	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	26th May 2020
Ms. Zarinabegam	1. R Programming language	Dept Of CSE, Smt. Kamala & Sri Venkappa M. Agadi CET, Lakshmeshwar, in association with Spoken tutorial IIT Bombay	28th -30th May 2020
	2. NBA Awareness Quiz	Bharati Vidyapeeth's College of Engineering for Women, Pune	2nd June 2020
	3. Data Analysis & Visualization of COVID-19 Dataset Using Python	Dept of CSE, In association with CIRF , Chennai	7th May 2020
	4. Online Modes of teaching and Learning: A Global Perspective	Guru Nanak University, Punjab	25th -29th May 2020
	5. Outcome Based Education Software	Vmedulife Software services	28th May 2020
	6. Artificial Intelligence	Dept of CSE, Alva's Institute of Engineering and Technology , Moodbidri	22nd -26th May 2020
	7. National Level Quiz on NAAC	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	26th May 2020
Mr. Mujamil M Dakhani	1. MATLAB Based Artificial Intelligence Techniques In Engineering Applications	Department of Mechanical Engineering(VTU TEQIP 1.3 Sponsored Program)	5-6th October 2019
	2. National Level Quiz on NAAC	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	26th May 2020
	3. Emerging technologies in IT Industry	Dept Of CSE, Jain College of Engineering	28th -30th May 2020
	4. Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation	Sinhgad Institute of Technology and Science, Narhe,Pune	9th May 2020
	5. Quiz on basics of computer and IT skills	Information Technology Department of Shree L . R . Tiwari College of Engineering	8th May 2020
	6. Quiz On recent trends In IT	Information Technology Department of Shree L . R . Tiwari College of Engineering	9th May 2020
	7. Intellectual Property Rights (IPR) Literacy Awareness Programme and Online Quiz	Intellectual Property Rights Cell of D.A.V. Velankar College of Commerce, Solapur, Maharashtra.	30th April 2020
	8. R- Programming	Department of Computer Science & Engineering, SKN Sinhgad College of Engineering, Pandharpur, Maharashtra in association with Spoken Tutorial IIT Bombay, Mumbai	30th April-5th May 2020.
	9. BOSS Linux Training	Karmaveer Bhaurao Patil College of Engineering	22nd April 2020
	10. Current Trends and Research Opportunities in Information Technology	Dept of Computer Science and Engineering, Tontadarya College of Engineering	6th July - 10th July 2020
	11. Research Trends and Challenges in Computer Science	Dept of Computer Science and Engineering, Vidyavardhaka College of Engineering Mysure	13th -17th July 2020

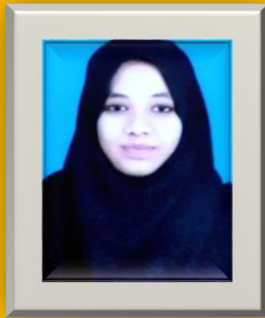|			
Mr. Sayyid Abrar	1. National Level Quiz on NAAC	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	26th May 2020
	2. Online quiz on Digital Image Processing	Dept Of ECE, Anjuman –I-Islam's M.H.Saboo Siddik College of Engineering Mumbai	23rd May 2020
	3. Making academia–industry collaborations work	Researcher Academy	27th May 2020
	4. Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation	Sinhgad Institute of Technology and Science, Narhe,Pune	9th May 2020
	5. How to secure funding - ECR edition	Researcher Academy	01st May 2020
	6. Learn PHP and Develop Projects	Udemy	27th April 2020
Mrs. Shruti J	1. MATLAB Based Artificial Intelligence Techniques In Engineering Applications	Department of mechanical Engineering(VTU TEQIP 1.3 Sponsored Program)	5-6th October 2019
	2. Faculty Program on NBA	Bharati Vidyapeeth College of Enginnering, Navi Mumbai	12th May 2020
	3. Post COVID19 Career prospects for Rural Management/ development Professionals	IIHMR University	15th May 2020
	4. Online Modes of teaching and Learning: A Global Perspective	Guru Nanak University, Punjab	25th -29th May 2020
	5. National Level Quiz on NAAC	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	26th May 2020
	6. Covid-19: Technological and Digital Transformation	Sir M. Visvesvaraya Institute of technology, Bengaluru	3rd June 2020
	7. National level online E-quiz	Pankaj Laddhad Insttute of technology and Management Studies, Buldana, Maharashtra {association with National Service Scheme and Unnat Bharat Abhiyan}	5th June 2020
Ms Shridevi K	1. National Level Quiz on NAAC	Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai-22	26th May 2020
	2. Quiz on NBA and OBE	Dept of Electronics and Communication, S J C Institute of technology, Chickballapur	3rd June 2020
	3. Online Modes of teaching and Learning: A Global Perspective	Guru Nanak University, Punjab	25th -29th May 2020
	4. R Programming language	Dept Of CSE, Smt. Kamala & Sri Venkappa M. Agadi CET, Lakshmeshwar, in association with Spoken tutorial IIT Bombay	28th -30th May 2020
	5. Machine Learning Based Project Architecture Design	B.V.V.Sangha's Basaveshwar Engineering College (A), Bagalkot, Karnataka, India, TEQIP-III	15th -19th June 2020

Placement Details

Following is the list of students who has placed in several companies

Name of the student	On/off campus	Name of the company
Md Omer	On campus	Btrees Technologies
Afshanda Madarsi	On campus	Btrees Technologies
Simran Athani	On campus	Btrees Technologies
Ajay Bagalkot	On campus	Btrees Technologies
Asma Bilagi	On campus	Btrees Technologies
Swati M T	Off Campus	MRCC Solution

Toppers

SHAHEEN S KADALIMATTI
90.57%

AASMA BILAGI
89%

SUMAN HUGAR
89%

MD OMER
88.42%

Vision

Develop professionally competent engineers to serve the society.

Mission

We at SECAB Institute of Engineering and Technology, Vijayapura are committed to achieve our vision by:

1. Imparting effective outcome-based education.

2. Preparing students through skill oriented courses to excel in their profession.

3. Promoting research for the benefit of society.

4. Strengthening relationship with all stakeholders.

Contact Details

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