ALVA'S
Education Foundation®

Alva's Institute of Engineering and Technology

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACCREDIATED NBA BY NEWDELHI 2019-2022

Bits &Bytes: E-News letter

DEPARTMENT VISION

"Engendering competent, excellent professionals by transforming the knowledge and computing skills to individuals through modern innovative tools and techniques."

DEPARTMENT MISSION

1. To produce skilled, creative software developers through rigorous training.

2. To conduct specific technical courses to keep abreast to the latest technological developments and transformations in the domain.

3. To establish Industry-Institute Interaction programs to enhance the skills of employability and entrepreneurship.

4. To implement the ideas of research and innovations in interdisciplinary domains.

KEY NOTES

1. Technical Talks

2. Workshop

3. Faculty Development Program

4. Internship

5. Pre-Placement Training

6. Technical Activity

7. Achievements

8. Placement News

EDITORIAL BOARD:

Chairman: Dr. Manjunath Kotari
Editor-in-Chief: Ms. Shilpa
Co-Editors: Mr. Dheeraj Devadig
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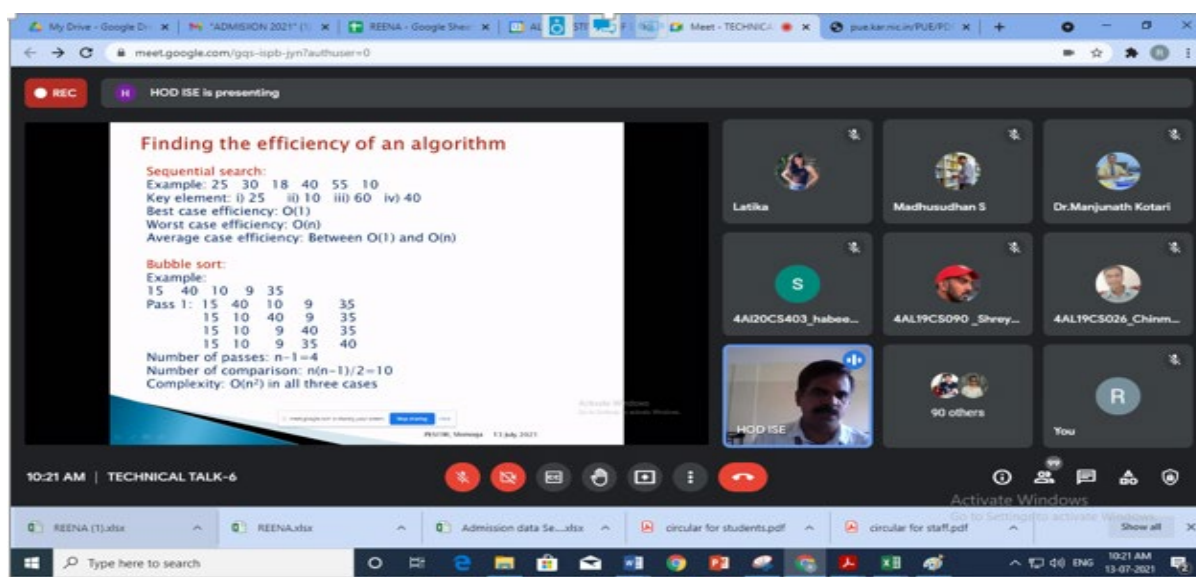## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Message from HOD

Congratulations for Editorial Team for bringing out a yet another issue of Bit & Bytes e-News letter during this pandemic period. Lot many activities have been conducted in online/offline mode with various challenges. Very good results have been achieved during the last semester. Faculty members were published patents and Scopus indexed journals this time. Most of the faculty members successfully completed various online courses in Coursera/NPTEL and other online platforms. Department online classes were engaged through the Webex platform this time.

I am happy to announce that, almost 100% of department faculty and students were vaccinated successfully during this situation.

▶ Technical Talks

1. ALGORITHMS: DIFFERENT APPROACHES AND EFFICIENCY

Date& Venue: 13th July 2021, Google meet
Resource Person: Dr. Prasanna Kumar H R, Professor and Head-ISE, PESITM Shivamogga.

Department of CSE, AIET organized a Technical Talk on "Algotihms: Different Approaches and Efficiency" on July 13th 2021 in google meet(online mode).The speaker was Dr. Prasanna Kumar H R, Professor and Head-ISE, PESITM Shivamogga. Dr.Manjunath Kotari, HOD,CSE Dept. welcomes the guest and introduced the programme to all.

Dr. Prasanna Kumar H R, explained about what is an algorithm and he covered all the basics of algorithm. He also covered the all the basics of algorithms. He continued the session by explaining main algorithm design technique like Brute force, divide and conquer, greedy, sorting, searching dynamic programming, etc.

The resource person explained all the techniques along with example and cleared all the doubts of students. The talk started at 9.30 AM and ended by 11AM .The students found the talk was extremely informative.
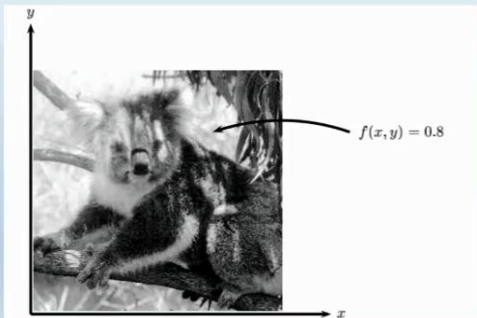
The technical talk was very interesting and gave the opportunity to discuss about various algorithms.. The basic idea of this event is to enhance the knowledge about Algorithms and their applications.. The program was successfully concluded with a formal vote of thanks by Ms. Rachana, 3rd Year CSE to the resource person and to all the participants.

2. Digital Image Processing

Date& Venue: 28th July 2021, Google meet
Resource Person: Dr. Javed, IIITA

The resource person Dr. Javed ,IIITA., gave a brief introduction about the Digital image processing. It is the use of computer algorithms to perform image processing on digital images. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and signal distortion during processing. It is the human vision- perceive and understanding/ interpretations

In Image processing, it is the analysis and manipulation of a digitized image, especially in order to improve its quality. Low-level image processing is the transformation of low contrast image to high contrast vImage. Among that there are two stages. 1st stage is getting an image i.e. image requisition and 2nd stage is preprocessing.

Later he demonstrated about the fundamental steps in digital image processing like Knowledge about a problem domain are coded into an image processing system in the form of a knowledge database. Elements of digital image processing systems: The basic operations performed in digital image processing systems which include (1) acquisition, (2) storage, (3) processing, (4) communication and (5) display. The are different processes are there in DIP. 1) High- Acquisition, preprocessing- Intelligence 2) Medium- Extraction, edge joining 3) Low- Recognition- Intelligence.

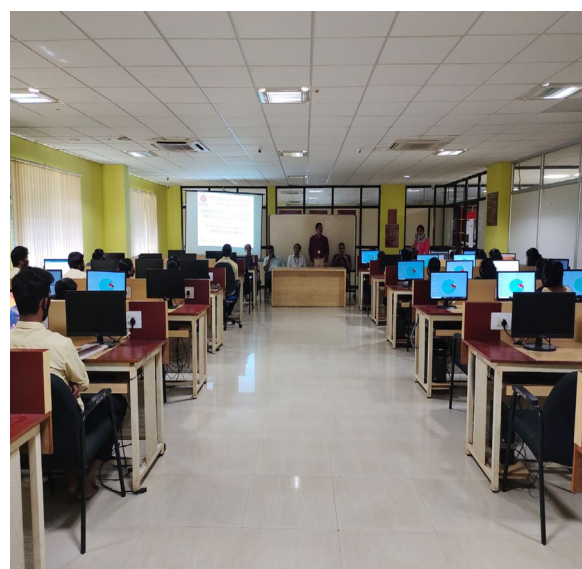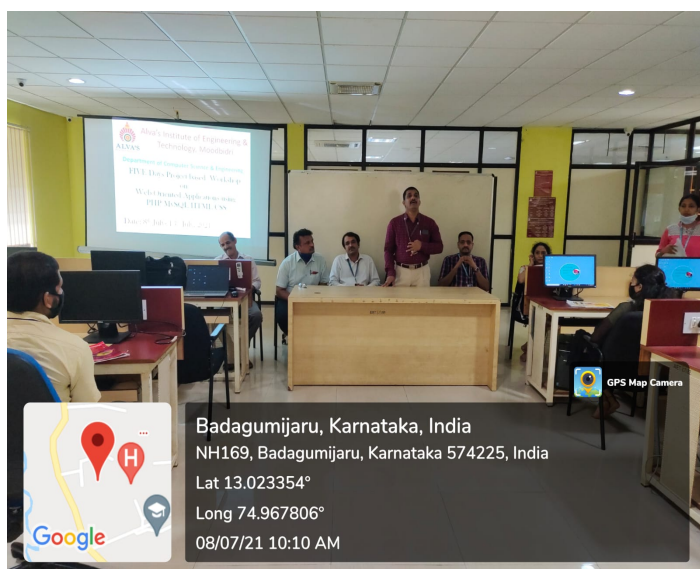Finally, he told about issues and challenges in digital image processing.

Workshop

1. ## Development of web applications using HTML, CSS, MySQL and PHP

Department of CSE organized Workshop on "**Development of web applications using HTML, CSS, MySQL and PHP**" from 08th July 2021 to 15th July 2021 for BCA Alva's Degree College Internship students. The resource person for this event was Dr. Sm. Badhusha Sr. Professor, Department of CSE, AIET. The main intension of the event was to make students learn various concepts on HTML, CSS, MySQL and PHP and help in developing their projects.

This event was inaugurated by Dr. Manjunath Kotari, HOD, Department of CSE, Dr. Kiran Maligi Event coordinator, Department of ISE, Prof. Harish Kunder, HOD, Department of AI and ML. Various members Prof. Sayeesh Department of CSE, Prof Vanitha Prabhu, HOD, Department of BCA where also present during the inauguration of the event.

Day 1: (8.7.2021) There was four sessions on this day. First session was a lecturer and Demonstration on HTML & CSS tags and its controls, followed by Hands-on training with the exercises in HTML& CSS tags and its controls. Afternoon session started with Demonstration on Salient features & basic programming constructs of PHP and it was followed by Hands-on training on Salient features & basic programming constructs with the exercises in PHP.

Day 2: (9.7.2021) The day started with discussion and Demonstration on application basic programs of PHP and HTML controls and Hands-on training with the exercises in the application basic programs of PHP and HTML controls. Afternoon the session started by giving Demonstration on application advanced programs of PHP and HTML controls Hands-on training with the exercises in the application advanced programs of PHP and HTML

Day 3:(10.07.2021) On this day students were assigned to Development of Mini Project work using PHP, HTML and CSS and the resource person helped in developing the projects. Students had to complete4 mini projects on Employment drive, online course, Mark Report and Online Hotel Management system. Day 5 Was on The Concepts of Problem Solving with Data Structures by Prof D.S. Guru, University of Mysore The Session Started with The Proverb Saying "Neither Algorithm nor Data Structure Alone Has Meaning Without the Other."

Day 4: (11.07.2021) This was continuation of day 3, were students completed all the four mini-projects assigned to them followed by Mini Project Demonstration.

Day 5: (12.07.2021) This day students had Lecture and demonstration on MySQL queries and its applications. The day was continued by taking Final Project Demonstration. Completion of anyone of the final Projects on Employment drive, Online course, Mark Report and Online Hotel Management system was made mandatory for the students.

Day 6: (13.07.2021) MySQL queries and practical session was continued on this day. Students were completed their project with various modifications. Completion of anyone of the final Projects on Employment drive, Online course, Mark Report and Online Hotel Management system was made mandatory for the students.

Day 7: (14.07.2021) The faculty members were guided the various mini projects to complete the process of training. The students were enthusiastically involved in all the process of learning.

Day 8: (15.07.2021) This day Evaluation of the Final Project work was done.

03 ▶ Faculty development Program

1. "Applications of Mathematical Concepts in Data Analytics and Machine Learning using Python"

Department of CSE organized offline FDP on "Applications of Mathematical Concepts in Data Analytics and Machine Learning using Python" from 19th to 21th April 2021. 14 Participant from various colleges joined this workshop.

The main objective of the FDP is to groom the problem solving skills in mathematics especially in Data analytic and Machine Learning using Python. The Python package Sympy helps solve the problems in Mathematics with simple coding skill in Python language. The basic Python coding skill is trained so that any traditional mathematical problem can be solved through Sympy. In addition to it, the mathematics in Data analytic and Machine Learning is imparted through Exercises so that problems related to Data analytic and Machine Learning can be solved through Python package Sympy.
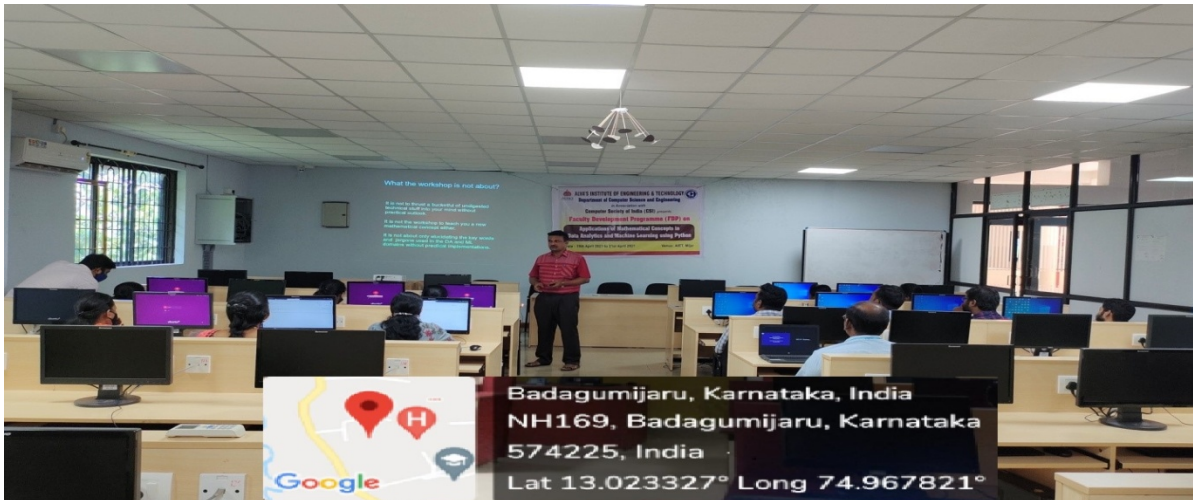

Day 1: The day started with Inaugural Function. Principal, HODs of various department, resources person graced the inaugural function. The day then continued with the daily sessions. The first lecture Session was on basics of Python with demo and continued with Hands-on session for solving relevant exercises. The after session dealt with Lecture Session on basics of Python with demo followed by Hands-on session with relevant exercises.

Day 2: This day the lecture session was on Implementation of Mathematical concepts using python with demo followed by Hands-on session for solving relevant exercises. Afternoon session started with explanation on Implementation of Mathematical concepts using python with demo followed by Hands-on session for solving relevant exercises.

Day 3: On this day Lecture Session was on Implementation of Mathematical concepts in Data science and Machine Learning using python with demonstration followed by Hands-on session for solving relevant exercises. The afternoon session was on Implementation of Mathematical concepts in Data science and Machine Learning using python with demo then participants was given hands-on session for the same.

The FDP was concluded on 21st April 2021 by having valedictory function by getting the feedback from the participants and certificates was also given to the participant.
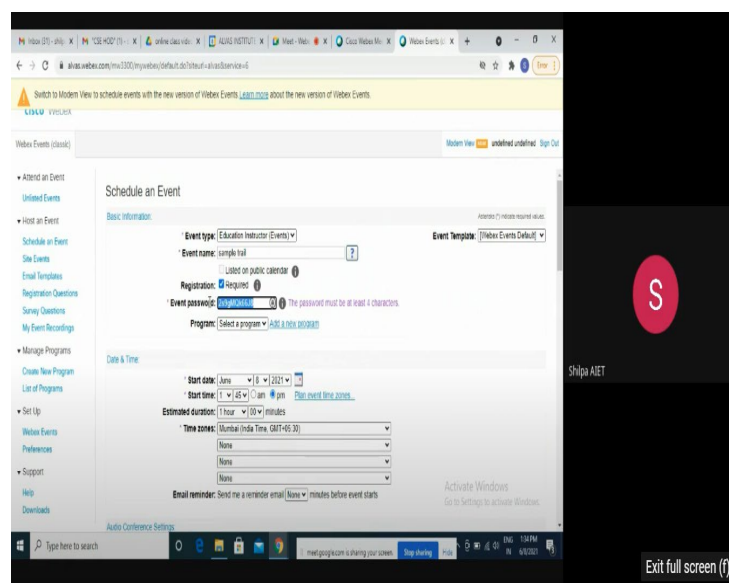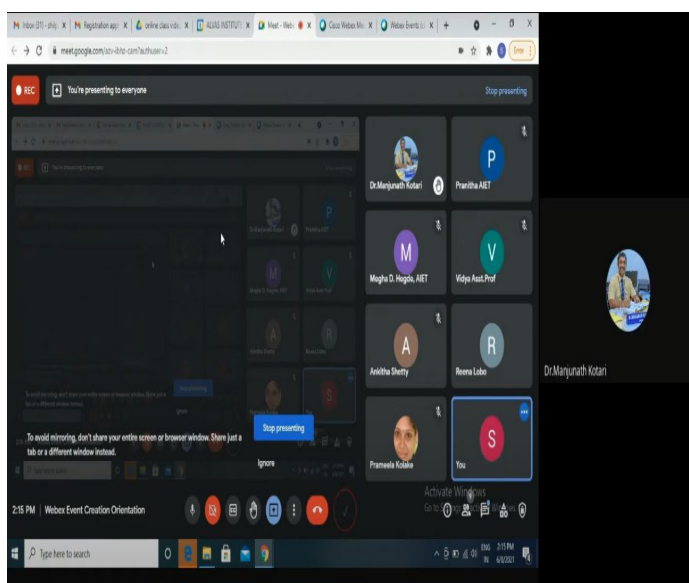

Outcomes of FDP:

- To make the faculty members understand the basics of Python to implement the basic mathematical concepts
- To enhance the coding skill in Python to implement the mathematical concepts in Data Analytic and Machine Learning

● To provide on-line hands-on training sessions with which the required knowledge of implementation of mathematical concepts in Data Analytic and Machine Learning.

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2. Orientation Program on Webex Tool Usage

Department of CSE organized Orientation on "**Cisco Webex Tool Usage**" on 08th June 2021. The resource person for this event was Ms. Shilpa, Department of CSE, AIET. The main intension of the event was to make Faculties know about how to use the tool for conducting online classes during the pandemic situation. WebEx is a tool that allows users to host or participate in video conferencing, online meetings, and screen sharing, with up to 1,000 participants allowed in a virtual meeting room. Meetings can be joined in a number of ways via the WebEx desktop, web, and mobile apps.

Resource person explained about the Schedule Events, Schedule, Edit, Cancel, or Start an Event in Webex Events. Start and Join Events, Start a Meeting in Microsoft Outlook Using the Webex Meetings Desktop App. Manage Audio, Audio Broadcast in Webex Events, Mute or Unmute in Webex Meetings Suite, then later she explained about how to Record Events Webex | Record a Meeting, Edit a Recording Using the Cisco Webex Recording Editor, Share Content in Webex Meetings and Webex event, Share Multimedia Content in the Multimedia How to Communicate with Participants, Conduct a Question and Answer Session in Webex Events, Manage Polls in Webex Events. Later she explained about how to create and manage contacts for sharing the webex link, Adding the distribution list, creating the .CSV file format and importing the contact list, How do I add external contacts to Webex team.

Viewer.

04 ▶ **Certification course**

1. Apple iOS

Department of CSE organized Certification Program on "Apple iOS App Development using Swift C Language and XCode". There are 27 students were registered for Apple iOS Certification Course from 2nd year CSE. The Certification Program was planned to conduct on every Saturday from 06th February 2021 onwards to end of the even Semester. Mr. Mahesh Naik, iOS Developer at Robosoft Technologies Udupi, was the Resource Person for this Certification Program.

He instructed students on use of Swift programming language, creating collaborative learning environment to onboard personnel. the various topics covered by him during the session are iOS overview, introduction to Xcode and swift, Basic Syntax, Decision Making and Loops, Strings and Characters, Arrays, Sets, Dictionaries, Functions and Closures, Enum, Structures and Classes, Inheritance.

He also explained about how to work with the concepts like Initialization and Deinitialization, ARC overview, Optional Chaining, Type casting, Extensions, Protocols, Generics, Access Control.

The resource person is planning to end the course during the second week of May 2021. After that he is planning to form six teams of four to five students in

2. Online certification course

Due to Covid-19 Lockdown, Dept. had given list of platform like Coursera, Udemy, Cisco, VMware, Saleforce, Mathwork, AWS, RPA, Uipath, Great Learning through which students can do the online certification course. All the final year students a certification course of duration more than 30 hours.

ORACLE
Academy

AWARD of COURSE COMPLETION

Java Foundations

PRESENTED TO

Divyashree SK .

FOR SATISFACTORY COMPLETION OF ALL COURSEWORK

3rd August 2021

EMSnyder
Elizabeth Snyder
Vice President, Oracle Academy

An certification course is a way to learn a new skill or gain some new knowledge from the comfort of your own home. They can either be paid or offered for free. Some are offered by educational institutions, while others are produced by experts in their field. Many students have opted java foundation course and data base management course from oracle academy, which was for around 30 hours duration.

The most important thing for an certification course is for it to be engaging and to deliver a clear outcome. An online certification course is an academic course (usually a non-degree certificate programs) that can be earned primarily or entirely on a distance learning basis through the use of an Internet-connected computer, rather than attending college in a traditional campus setting. Online courses are revolutionizing formal education, and have opened a new genre of outreach on cultural and scientific topics.

Many students of 3rd year opted the different courses from great learning platform. The different courses are Java programming, python basics, data structures, Processing management in OS, Computer vision basics etc. They were very enthusiastic in completing the course. All students submitted their certificates.

Internship Program

The HOD and Dean (Planning) constantly interacted with the Academic Collaboration/MOU related organizations and request them to provide necessary guidelines and support for internship. Due to Covid-19 Pandemic situation students were suggested to complete online internship. TCS-iON provided 30 to 45 days internship for 2nd and 3rd year students by providing group

1. because they help to develop your professional aptitude, strengthen personal character, and provide a greater door to opportunity. Department is encouraging the students to apprehend internship program during their semester break. HOD, TOP and Faculties help the students by interacting with the industrial experts, provide the students recommendation letters and other necessary supports.

Pre-Placement Training Program
"C and Data Structures" By E-Box

Fifteen days Pre-Placement Training on "C and Dat[a]
Department, AIET was conducted from 29th April 20[...]
The Resource Person are Mr. Allwin and Mr. Amit fr[om]
CSE, total 55 students were actively participated in [...]
 The Resource Person were refreshed the basic co[...]
students feel comfortable. All the assignments wer[e]
with same level of interest throughout the training. [...]
exercises students were made to be accurate on pr[...]
made students to be focused towards output driven [...]

Assignments was divided into three phases: Level 1 is i-Explore, Level 2 is i-Analyse and Level 3 is i-Design.
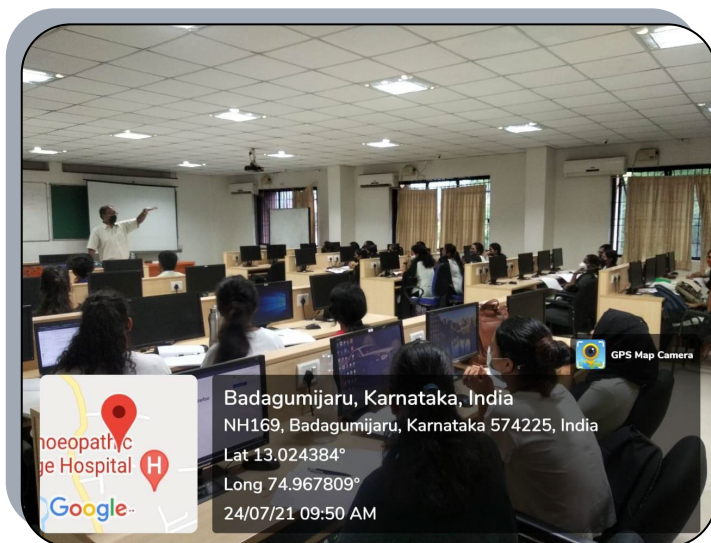i-Explore level, intends to explore one's knowledge in C and Data Structures for given general problem statement. This improves thinking capacity. i-Analyse level, intends to analyze the problems and answer set of questions. Here, for example, problem descriptions are given along with the possible inputs and expected outputs. By answering this set of questions debugging capacity increases. i-Design level, expects us to write a C Program for a given problem definition. They used some real time images in each problem definition so that common person also can understand the problem easily. By attempting this, we can improve coding skills.

2. Aptitude Training By 10Seconds

Five days Aptitude Training for VI SEM CSE Students from 24th July 2021 to 28th July 2021 by 10Seconds. The three trainers from 10Seconds trained around 120 students. The names of the trainers are Rajesh, Ganesh Keerthi and Shiva Kumar. The training is divided into three parts: Quantitative Aptitude by Rajesh, Logical Reasoning by Ganesh Keerthy, and Verbal Ability by Shiva Kumar.

Quantitative Aptitude

Rajesh covered Following aspects in Quantitative Aptitude:
Divisibility Rules, Cube roots and square roots, Shortcut of two three digit multiplication, Time, speed and Distance, Quiz on general, and Logical aptitude, Relative speed, average, Percentages, Time and Work.

Logical Reasoning

Ganesh Keerthy covered following aspects in the Logical Reasoning:
Blood Relations, Directions, Permutations and Combinations, Square Grid (Grids), Probability, color objects and many more.

Verbal Ability

Shiva Kumar covered the following aspects in the verbal ability:
Sentence Completion, Phrasal prepositions, prepositions, vocabulary, Articles, Analogy

3. Technical Concepts Training

Department of Computer Science and Engineering of Alva's Institute of Engineering and Technology Moodbidri has arranged Three days Inhouse Training for VI SEM CSE Students from 29th July 2021 to 31st July 2021 by few internal Faculty members of Computer Science and Engineering.
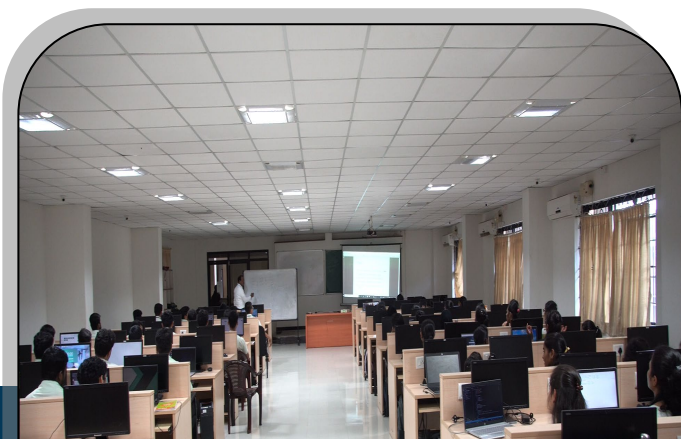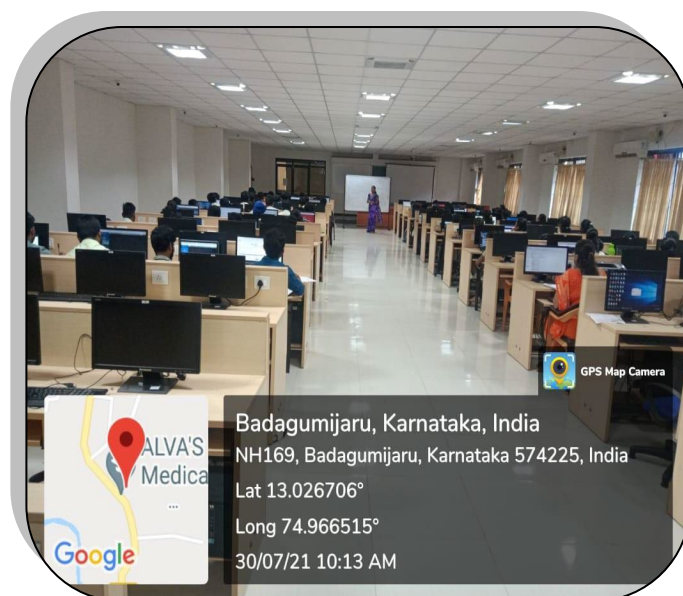

Data Structures and Applications:

The in-house trainers for this training are Mr. Venkatesh and Mrs. Merlyn Melita. The trainer reviewed the various data structures like stacks, queues and linked list and their applications. Implementation of some linked list applications like reversing, concatenating etc. were covered in the training. Also triple linked list was explained and its implementation also covered in the session.

OOPS, Advanced JAVA and J2EE:

Resource persons for this session were Mr. Sayeesh and Ms. Shilpa. The trainers explained the concepts like basics of classes and objects, OOP's Principals, Using Super keyword, using of garbage collector, Finalize method, Final keyword. Advanced Java concepts likes Strings, JDBC, JSP, Servlets All these concepts were demonstrated with Programming example for each.
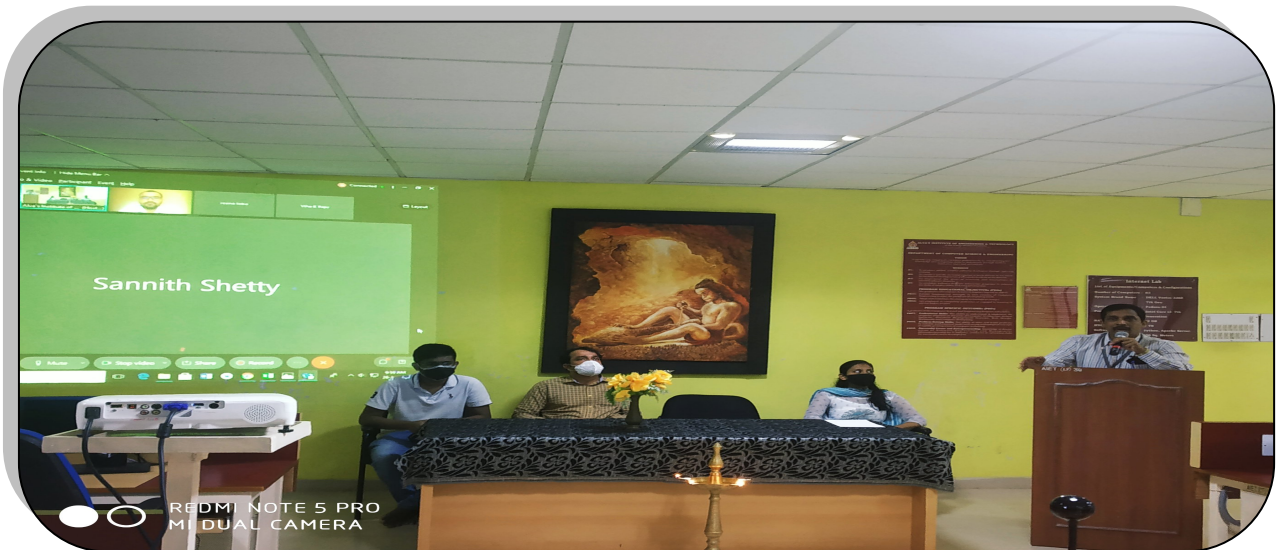

Algorithms:

Resource Person for this training course is Mr. Madhusudhan S. The trainer reviewed the various algorithms concepts like Asymptotic Notations, Divide and Conquer, Minimum cost spanning trees, Single source shortest paths, Dynamic Programming, Transitive Closure, All
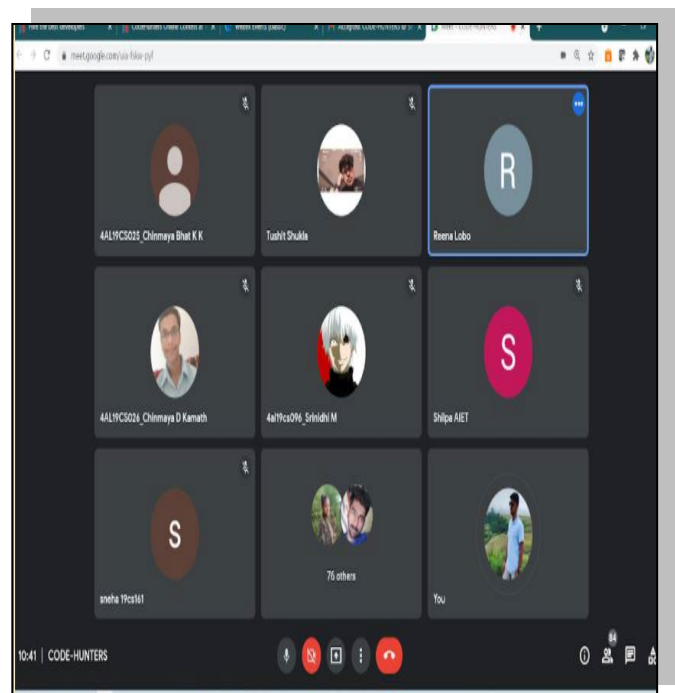
07 ▶ Technical Activity

1. Technofia-2021

Technofia was an inter-collegiate technical fest conducted by C-Maniax forum of Computer Science Department, AIET. Department of Computer Science & Engineering, Alva's Institute of Engineering & Technology, Moodbidri organized 2 days Online Technical Fest "Technofia-21" The Technofia-21 was organized by C-Maniax – Student Forum for 26th & 27th June,2021. The program was inaugurated by Chief Guest: Mr. Rakesh Choudary, Sr. Software Engineer, Synopsis, Bengaluru on 26th June,2021 with the presence of Mr.Vivek Alva, Managing Trustee, Dr. Peter Fernandes,Principal, Dr.Manjunath Kotari , HOD CSE, AIET,Guests Mr.Sannith shetty and Mrs. Triveni Devvaiah, Mrs. Reena Lobo Faculty Coordinator , C-Maniax Forum, Ms. Viha B Raju, President C-Maniax Forum, C-Maniax members and all the participants from the various colleges at 9:30 AM .

There were 10 events which was a collaboration of both Technical and Non-Technical Events. Total of 712 students registered. About 400 students from AIET and 300 plus students from 80 various colleges took part in various events. All the events were conducted in **Online Mode**.

The Event lists and Winners of Technofia 2021(online mode)

Sl. No	Event Name	No. Of Participants	Name of the Winner	College Name
1.	WEB DEVELOPMENT	63	HARSHITH J POOJARY	A J INSTITUTE OF ENGINEERING AND TECHNOLOGY
2.	DATA HEIST	88	JAYALAXMI M	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
3.	CODEHUNTERS	105	D JOYLINE	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY
4.	MOCK INTERVEIW	51	RAMYA HG	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY
5.	COMIX	38	SHASHANK S SALIAN	DR NITTE SHANKAR ADYANTHAYA MEMORIAL FIRST GRADE COLLEGE NITTE KARKALA
6.	SHUTTER UP	37	INCHARA GOWDA	ALVA'S COLLEGE
7.	CYBER SECURITY	43	ADITYA	GLOBAL ACADEMY OF TECHNOLOGY
8.	PAPER PRESENTATION	27	CHINMAYA DAYANAND KAMATH & CHINMAYA BHAT K K	ALVAS INSTITUTE OF ENGINEERING AND TECHNOLOGY
9.	OUT OF BOX THINKING	53	AKSHOBHYA	PES UNIVERSITY
10.	GAMING(CS:GO)	20	VINOL FERNNANDES	NITTE
11.	GAMING(VALORANT)	25	CHINMAY HEGDE	RN SHETTY INSTITUTE OF TECHNOLOGY
12.	GAMING(FREE FIRE)	22	MAYUR M	JYOTI COLLLEGE
13.	GAMING(BGMI SQUAD)	96	YASH SHETTY	NITTE
14.	GAMING(COD SQUAD)	44	SANMESH KAMAT	KLE COLLEGE

The organizing of Technofia'21 bought a very good bonding among all students. The event was a huge success in terms of participation from AIET and other college students. In coming years many more technical and semi-technical events can be added up. Many students from the 1st, 2nd, 3rd and 4th years took the initiative to conduct the particular event with the good participation spirit and with the support of the Management, HOD and Faculties of CSE, AIET.

Achievements
1. Faculty Achievement

1. Patents

 Dr. Manjunath Kotari , Prof & Head-CSE Published **2 Indian Patents**

a. Title of Invention: TOP SLIDING DRIVING HELMET FOR BETTER AIR VENTILATION WITH IOT FEATURES, Application No.202141005226A , Publication Date: 19/02/2021.

b. Title of Invention: SYSTEM FOR HARDWARE ACCELERATION FOR EMBEDDED FLASH MEMORY BASED ON MACHINE LEARNING, APPLICATION NUMBER: 202141020170, Publication Date: 07/05/2021.

2. Reviewers

- Dr.Manjunath Kotari- SN Applied Journal Springer, Inder Science Journal, IEEE Discover , IGI Global Publications/ IAENG etc.
- Dr. Mohideen Badhusha S- Elsevier Journal(3), IEEE Conference.

3. Doctoral Advisory Committee(DAC)

- Dr. Manjunath Kotari for VTU and Srinivasa University
- Dr. Mohideen Badhusha S for VTU.

4. Dr. Manjunath Kotari, nominated as Member for **Board of Examination (BoE)** of Computer Science & Engineering Board, VTU, Belagavi.

5. Dr. Manjunath Kotari was nominated as Nominee of VTU, Belagavi for **Board of Studies (BoS)**, NMAM Institute of Technology, NITTE (Autonomous).

6. Paper titled "Analysis and discovering factors influencing the effectiveness of online teaching during COVID-19 pandemic - A Case Study in Engineering Education in Karnataka" awarded with **Best Paper Award** during International Conference on Pattern Recognition Applications & Methods(ICPRAM) held 28th& 29th Dec,2020, authored by **Veena M**, Assistant Professor Dept of CSE, Co-authors are **Dr. Manjunath Kotari & Dr. Kiran B. Malagi**.

7. Dr. Kiran B. Malagi, recognized as a **Research Supervisor for CSE –Research Centre**. Now the department has FOUR Research Supervisors for guiding Ph.D. students in different specializations of CSE.

8. Total 17 faculty members have completed 20 days online certification course on **"Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials**" which was conducted by the Indian Institute of Remote Sensing (IIRS),**ISRO Dehradun.**

9. MR. Sayeesh, **Dept. of CSE is appraised** for his/her efforts in disseminating and supporting the learners of the Swayam **NPTEL Local Chapter Letter** of Appreciation NPTEL.

10. **Dr. Manjunath Kotari** has successfully completed **Cyber Security & IOT Coursera Certification**.

11. **Dr. Badhusha Mohideen** has successfully completed **13** online certification courses from **coursera platform.**

12. Ms. Shruthi Shetty J has successfully completed **3** online certification courses from **coursera platform** and **3** courses from **Oracle Academy**.

13. Ms. Shilpa has successfully completed **4** online certification courses from **coursera platform** and **educator badge from Salesforce platform**.

14. Ms. Megha D Hedge has successfully completed **3** online certification courses from **coursera platform**.

15. Dr.Manjunath Kotari, Venkatesh and Vidya Completed the Network & Cyber Security **Certifications** from **Palo Alto Networks**

16. Mrs. Veena, Ms. Megha D Hedge, Ms. Shilpa, Ms. Praneetha online FDP on "Inculcating Universal Human Values in Technical Education" organized by **All India Council for Technical Education(AICTE).**

17. Dr. Mohideen Badhusha recognized as Discipline Star **by NPTEL team programming domain** during Dec 2020.

18. Dr.Badhusha, Prof. Sayeesh, Prof.Surendra K and Mrs. Reena Lobo successfully completed **NPTEL courses**.

2. Students Achievement

ISRO Project

Jagath Haren, K Thrishul, Nagashree Arun, Naik Nayana Successfully developed a project titled "Design and development of software tool for differential interferometric SAR- Dinsar Processing for Deformation studies" for National Remote Sensing Center (NRSC) a unit of ISRO. The aim of the project is to produce deformation images using repeat pass Differential Interferometric process for deformation studies.

Photo taken outside of the NRSC as cell phones are prohibited inside. Photo of students with NRSC external guide.

Consultancy Project prohibited

As a part of consultancy project, final Year students Jayraj C Shah, Datta Kiran, Akshat Khandelwal, Satvik Shetty, Dhruvil Shah successfully developed a web oriented software on Mark Management System for Alva's Homeopathy Medical College, Mijar, received a certificate of appreciation from the Principal , Alva's Homeopathy College, Mijar.

VTU Proposal Project

Project entitled "Automatic License Plate Detection And Recognition Using Deep Learning" developed by Jayalakshmi M, Hemalatha S, Lathik Moger was selected for VTU Sponsored Student Project.

Project entitled " Attendance Monitoring in Educational Institutions using Smart CCTV" developed Nanditha R. Shetty, Pallavi, Pavana P, Ashik was selected for VTU Sponsored Student Project.

07 ▶ Placement News

Accenture

1. Nanditha R Shetty

Knowledge Lens

1. Vinod Kumar
2. B Sai Harsha

PhableCare

1. Gayatri V Kamat

Silver Peak

1. Suhas M S
2. Rohan Vashista B M
3. Surya Prakash S

MindTree

1. Anvitha U
2. Rohan Vashista B M
3. Sachin Rajora

CGI India

1. Kavya
2. Shreetal Kalabandi
3. Sneha K Bakale

Alembic

1. Surya Prakash S
2. Ravi Math

Wuerth Elektronics

1. Nagashree Arun M

Integrum

1. B Sai Harsha

Ribbon Communication

1. Anvitha Poojary

Infinite Computer Solutions

1. John Alsten Tauro

Q Spiders

1. Datta Kiran A B

Robosoft

1. Jagath Haren
2. Shetty Sathvik Ravindra
3. Shrinivasa
4. Vikas A L

Gain-insights

1. Dhanya Bhat
2. Jayraj Chirag Kumar shah
3. Naik Nayana Ganapati
4. Suman Rathod

Legaldesk.com

1. Akshata Narayana Hegde
2. Ashwini
3. Dheeraj Krishna Devadig
4. K Thrishul
5. Vinod Kumar

EY

1. Kanaka B S
2. Koushik S N
3. Likitha M
4. Raksha S
5. Rohan Mahaveer
6. Viha B Raju
7. Nachiketh S Bhat

Hexaware

2. Anusha

NTT Data

1. Sushmitha B Poojary

Informatica

1. D Jasmine Joyline
2. Shetty Ankit Suresh

Tek System

1. Jagath Haren

42 gears mobility

1. Anusha

Health Edge

1. Bhramari P Shetty
2. Syed Hudaif Ibrahim

Cognizant

1. Amrutha M
2. Anusha
3. Apoorva K N
4. Bhramari P Shetty
5. Madan G Gudigar
6. Netra Suresh Gudagamnala
7. Pranav L M
8. Priyanka Killedar
9. Shetty Sathvik Ravindra
10. Syed Hudaif Ibrahim
11. Viha B Raju
12. Vikas A L
13. Sinchana

TCS

1. Amrutha M
2. Bhramari P Shetty
3. Shetty Disha Ravindra
4. Shrilatha K Kamath
5. Vidya K C

Infosys

1. Akshat Khandelwal
2. Dsouza Elston Ronald
3. Kanaka B S
4. Sushmitha

SLK software

1. Akshat Khandelwal
2. Preethi
3. Shetty Disha Ravindra
4. Shwetha M S
5. Vidya K C
6. Sahana C

Program Specific Outcomes (PSO)

A graduate of the Computer Science and Engineering Program will exhibit:

PSO1: Professional Skills: The ability to understand & implement the computer programs in the areas of Computer Architecture, System Software, Database Management Systems, Web Design, Multimedia and Computer Networking.

PSO2: Problem-Solving Skills: The ability to solve real-world problems by suitable mathematical model with strong technological concepts in rapidly growing arena of computer technology.

PSO3: Successful Career and Entrepreneurship: Knowledge in diverse areas of Software Engineering and Management & Entrepreneurship for IT Industry, conducive in cultivating skills for successful career development.

Program Educational Outcomes(PEOS)

PEO1: To provide students with fundamental strength in core disciplines of computer engineering to solve the problems of computing world.

PEO2: To ensure that graduates conquer the difficulties of emerging adaptive technological changes.

PEO3: To prepare students for successful career in the industry of international standard.