

Computer Society of India Student Chapter Activities 2019-20

Three days Inter College Level Workshop on
“Development of Web Oriented Applications using
PHP & MySQL”

27th and 29th June 2019

Organized by,
Department of Computer Science and Engineering

In association with
Computer Society of India (CSI)

For BCA IIndYear Students

Alva's Institute of Engineering and Technology conducted a 3daysworkshop on **“Development of Web Oriented Applications using PHP & MySQL”** for **2nd year BCA students** organized by Department of Computer Science and Engineering in Association with CSI on 27th to 29th June 2019. The workshop was inaugurated by Sri Vivek Alva, Managing Trustee, AEF. The Principal Dr. Peter Fernandes, AIET and Prof. Manjunath Kothari A H.O.D, Dept. CSE and all The HODs of various departments and all staff members and student volunteers were also present during the inauguration function along with the resource person Dr. S. MohideenBadhusha. And also total 34participants BCA department had been participated in this workshop.

Workshop Overview

- This workshop imparts a fundamental knowledge required to design and develop anon-line management system of client-server technology using dynamic, databasedriven web pages using HTML, PHP and MySQL.

- It provides hands-on training sessions which offer a creative idea in the development of on-line management systems
- The practical programming exercises assigned amidst the lecture hours enhance the interest of development of different real-life applications using PHP and MySQL and offers a comprehensive knowledge in the development of on-line management system.

Resource Person :	Convener:	Workshop coordinator:
Dr. S.Mohideen Badhusha Sr.Professor, Department of CSE, AIET	Prof. Manjunath Kothari H.O.D Department of CSE	Mr Sushant Mangasuli Assistant Professor Department of CSE

Session Coordinators

For 2nd year BCA students: 27th to 29th June 2019.

The following faculties are assigned for evaluation of activities during hands-on sessions. The following faculties had present and also evaluated students performance during sessions.

Venue: Network lab (3rd floor) ISE

Pre-requisite Knowledge/Skills:

Basic programming skill in Logical development with fundamental SQL knowledge.

Course Objective

- Elucidate salient unique features of the server sided programming script, PHP
- Analyze the basic programming constructs of PHP and commands in MySQL in perspective of imparting fundamental programming knowledge using hands-on sessions

DATE	SESSION	FACULTY NAME
DAY 1 27/06/2019	09.00 am to 1.00 pm	Prof. Mangala Kini
	2.00 pm to 5.00 pm	Prof. Ankita Shetty
DAY 2 28/06/2019	09.00 am to 1.00 pm	Prof. Shilpa
	2.00 pm to 5.00 pm	Prof. Reena
DAY 3 29/06/2019	11.00 am to 1.00 pm	Prof. Vasudev Shahapur
	3.00 pm to 5.00 pm	Prof. Venkatesh Bhat

- Apply the knowledge acquired for the development of web oriented applications by creating on-line management systems based on client server technology.
- Design and develop the on-line web oriented applications by imparting hands-on training sessions

Course Goal

Employer will be convinced that your knowledge is beyond the basic Web design technologies. PHP and MySQL is for seasoned Web Designers and Developers who wish to create dynamic and interactive web sites with the ecommerce capabilities.

Benefits of the PHP & MySQL for Beginners

- Demonstrates a working knowledge of Dynamic Web Site Design and Publishing
- Confirms commitment to profession

- Offers a career differentiator, with enhanced credibility and marketability
- Takes students beyond basic user's knowledge to the IT Pros who know how to create web sites

Student Assessment Criteria

Assessments	percentage
All session exercises	50%
Mini project	50%
Final	100%

Workshop Schedule

Day	Session	Portions/ Activities	Duration
DAY 1 27/6/19	session 1	Lecture and Demonstration on HTML& CSS tags and its controls	9 a.m to 11 a.m
	session 2	Hands-on training with the exercises in HTML & CSS tags and its controls	11.15 a.m to 1.00 p.m
	session 3	Demonstration on Salient features& basic programming constructs of PHP	2 p.m to 3.30 p.m
	session 4	Hands-on training on Salient features& basic programming constructs with the exercises in PHP	3.30 p.m to 5p.m
DAY 2 28/6/19	session 1	Demonstration on application basic programs of PHP and HTML controls	9 a.m to 11 a.m
	session 2	Hands-on training with the exercises in the application basic programs of PHP and HTML controls	11.15 a.m to 1.00 p.m

	session 3	Demonstration on application advanced programs of PHP and HTML controls	2 p.m to 3.30 p.m
	session 4	Hands-on training with the exercises in the application advanced programs of PHP and HTML controls	3.30 p.m to 5p.m
DAY 3	Session 1	(Mini Project)	
		Development of Mini Project work	9 a.m to 11 a.m
29/6/19	session 2	using PHP, HTML and CSS	11.15 a.m to 1.00 p.m

The proceedings of the workshop are as follows:

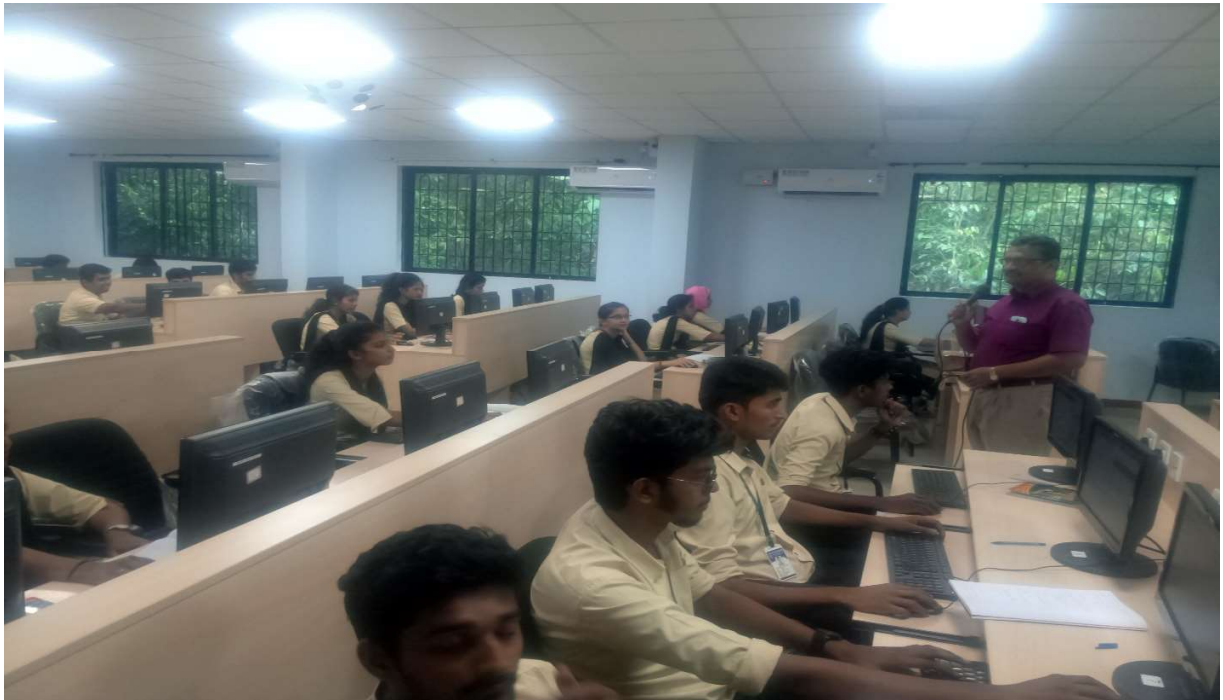
DAY 1

Workshop was inaugurated by Dr. Manjunath Kothari, H.O.D Department of CSE and Resource Person Dr. S. MohideenBadhusha.

Then the Sessions of the workshop started as per time table

session 1 Lecture and Demonstration on HTML& CSS tags and its controls

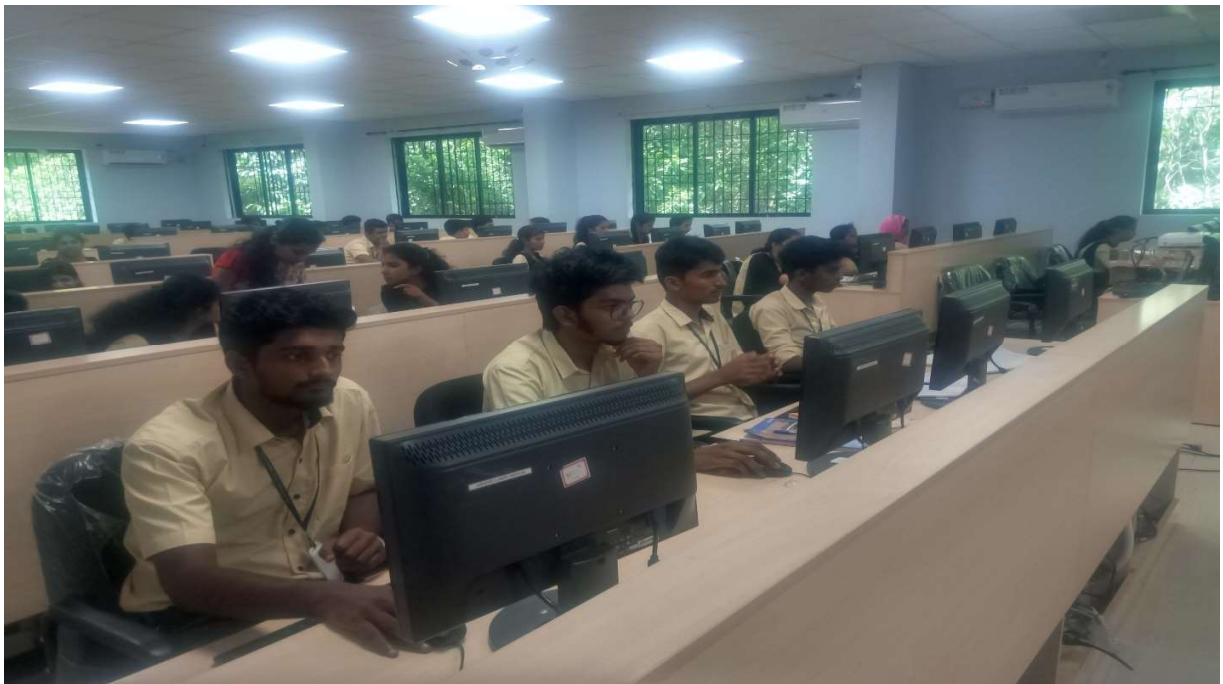
session 2 Hands-on training with the exercises in HTML & CSS tags and its controls



Day 1

session 3 Demonstration on Salient features& basic programming constructs of PHP

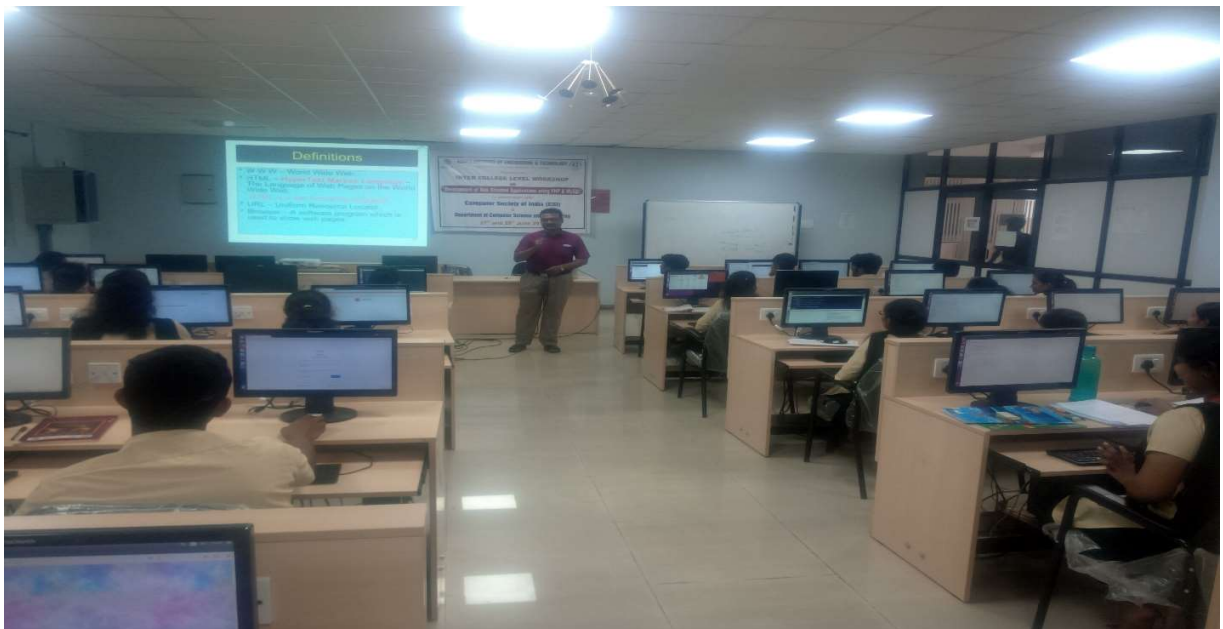
session 4 Hands-on training on Salient features& basic programming constructs with the exercises in PHP



Day 2

session 1 Demonstration on application basic programs of PHP and HTML controls

session 2 Hands-on training with the exercises in the application basic programs of PHP and HTML controls



Day 2

session 3 Demonstration on application advanced programs of PHP and HTML controls

session 4 Hands-on training with the exercises in the application advanced programs of PHP and HTML controls



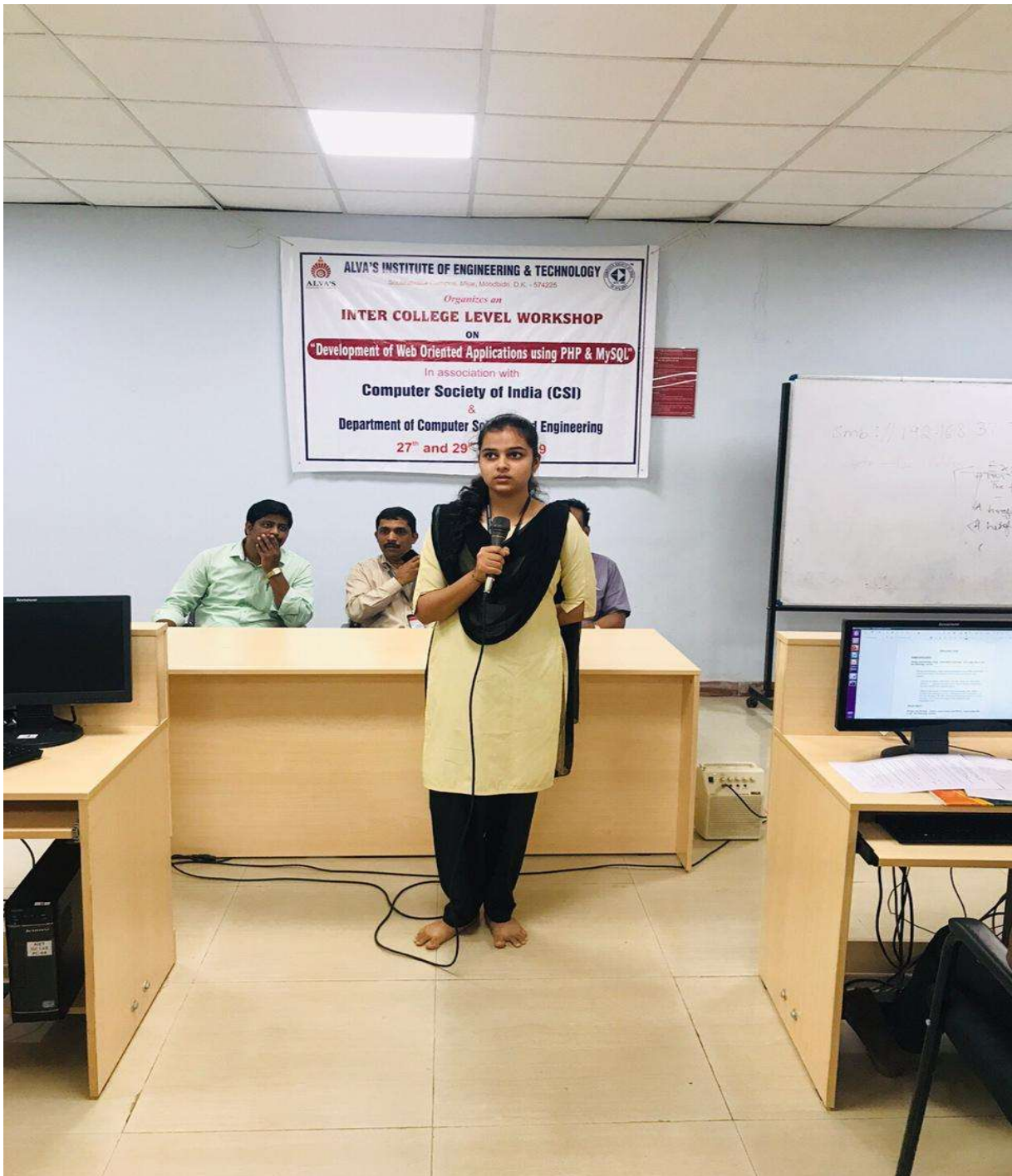
Day 3

Session 1 and Session(Mini Project)

Development of Mini Project work using PHP, HTML and CSS and also evaluation has been done by evaluation Coordinators.



End of the session collected oral feedback from the students for the better enhancement of training programs in future.



The day was ended with a valedictory function and even was narrated by Ms. Megha Hegde and Mrs. Mangala Kiniand also Dr. Manjunath Kothari H.O.D

Department of CSE and Dr. S. MohideenBadhusa given orientation and final words to students regarding workshop and also all the participants are provided with certificates.





Workshop Evaluation Report

Rubrics for Evaluation

The following are the parameters and criterion to evaluate the performance of the students in the innovation lab classes. The faculty members evaluate the students by considering their performance in Innovation Lab as A,B,C and D experiments. Your score will be determined using the following rubric. The criteria for the grades are given as follows

Category	Criterion	Excellent (A) (4 pts)	Good (B) (3 pts)	Fair (C) (2 pts)	To be improved (D) (1 pt)
Initiation & completion of Exercises With Time management	Read and understand the problem; Start the experiment promptly; Complete the task by using time wisely.	All aspects are satisfied.	Missing one aspect	Missing two aspects	Missing any three or more aspects.
Quality of work	Correct the bugs by themselves; Be able to follow the instruction; complete all assigned tasks.				
Observation & problem solving skills	Make careful observations; clear Demonstration of data; provide useful new ideas; self-reliance in solving the given Exercises.				
Understanding of concepts and the applications	Fully involved in the writing and execution of the programs ;Understanding application of the concept.				

Excellent student will

Lab preparation & time management

Ask for clarification of lab manual readings before the experiment begins.

Be present at the beginning of class and promptly begin the necessary tasks.

Have a clear overview of the tasks to be accomplished and the order in which the tasks should be done, if asked by the instructor.

Quality of work

Follow oral and written instruction correctly.

Ask for clarification of instructions not understood.

Use the equipment in the intended way or in creative ways that neither harm the equipment nor endanger people.

Finish the assigned tasks completely, accurately and well documented.

Understanding of materials & problem solving

Make as precise and accurate observations, as possible with the equipment, for the task at hand.

Present data tables and graphs that are clear to the reader with the axes or headings labeled with proper units.

Provide new ideas or insights concerning the problem at hand or for the use of the equipment.

Solve experimental problems as they arise, safely and with no oversight by the lab instructor.

Team work & safety

Consciously divide and assign tasks to be accomplished (equipment manipulation, data collection, etc.) before class.

Consciously rotate roles between equipment manipulation, data collection, etc.

Be able to articulate what may be a safety concern, if asked.

Follow safety instructions.

Leave the area cleaned up at the end of class.

Poor student will

Lab preparation & time management

Read the lab manual in class before beginning the experiment.

Come in after the beginning of class or talks and delays beginning the necessary tasks.

If asked by the instructor, have no or only a vague idea of what the tasks are and how to go about them.

Quality of work

Not follow oral and written instruction correctly.

Not ask for clarification of instructions not understood.

Use the equipment in ways not intended way or in ways that will damage the equipment and/or endanger people.

Not finish the assigned tasks, or in a sloppy way, or with little documentation.

Understanding of materials & problem solving

Make observations, but the observations are inaccurate or are not properly reported (no units, wrong units).

Present data tables and graphs that are disorganized and/or hard to interpret and/or are incorrect.

Show little interest in thinking about more than the assigned tasks.

Require repeated instructor help to understand and/or complete the tasks at hand.

Team work & safety

Watch while laboratory partner does all the work.

Do all the work while the laboratory partner watches.

Not be able to articulate what may be a safety concern, if asked.

Does actions that are not safe and violates safety rules or plays around in the lab.

Leave the area a mess at the end of class.

Performance Evaluation Sheet

Day 1: 27th June 2019

Session 1,2,3 and 4

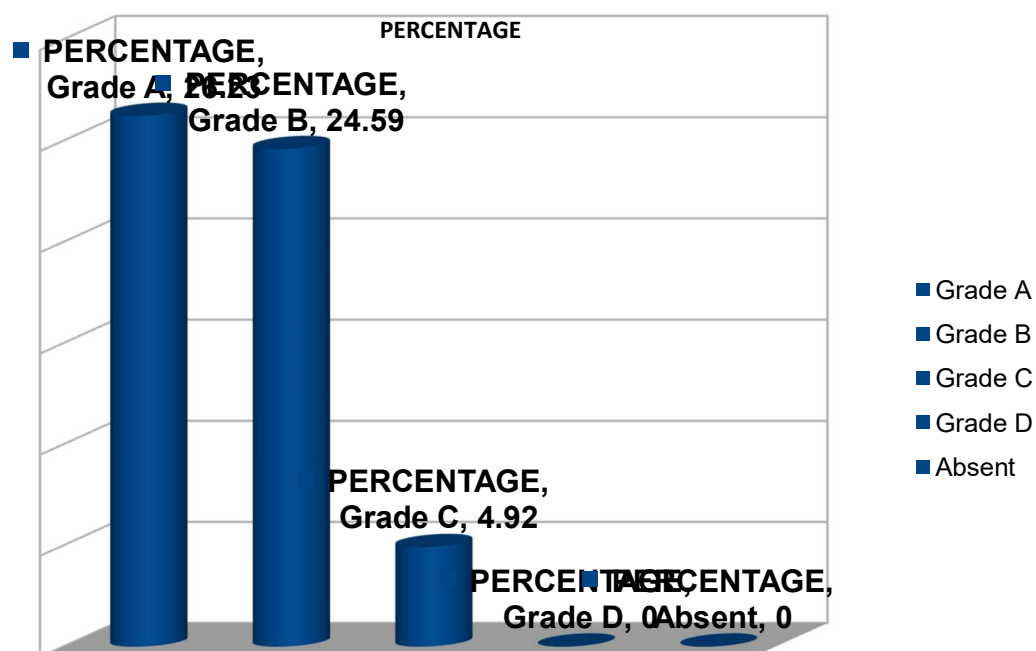
and

Day 2: 28th June 2019

Session 1,2,3 and 4

Sl. No.	USN	Name of the Student	Grade
1	185031935	ABHISHEK GOWDA R M	B
2	185031904	AHAAN R RAO	A
3	185031936	AKSHATHA UDUPA	B
4	185031901	ALAN NAVIN MENDONCA	B
5	185031905	ALISTER PRINSON CARDOZA	A
6	185031938	ANVITHA	A
7	185031907	CAROL LOBO	B
8	185031909	DEEKSHITHA	B
9	185031910	JENCIL RICHWIN D MELLO	A
10	185031912	MOHAMMAD ISMAIL	A
11	185031913	MOHAMMED BILAL MECCAI	A

12	185031914	MOHAMMED MINHAJ ARIF BAJI	A
13	185031915	MOHAMMED WAHAJ ARIF BAJI	A
14	185031921	SAMANA	B
15	185031923	SHARATH ADIGA	A
16	185031924	SHEIKH MOHAMMED JASEEM	B
17	185031983	SHETTIGAR VAISHNAVI KRISHNA	B
18	185031926	SHREERAKSHA SHETTY	A
19	185031927	SIDDANTHA RAI	A
20	185031929	SINCHANA S	B
21	185031966	SNEHA M	A
22	185031931	SUDHEEKSHA SHETTY	A
23	185031980	ANOOP R SHEKHAR	A
24	185031939	AYEESHAWAFA	C
25	185031941	DEEKSHITHA P	B
26	185031946	MADHU D M	C
27	185031947	MEGHA D	B
28	185031984	SHREYA GORE	B
29	185031985	SHREYA PAI	B
30	185031967	SOUMYA	C
31	185031986	SRINIDHI KULKARNI	B
32	185031968	SRIRAKSHA M	B
33	185031987	SUHAS R A	A
34	185031970	SUSHANTH	A

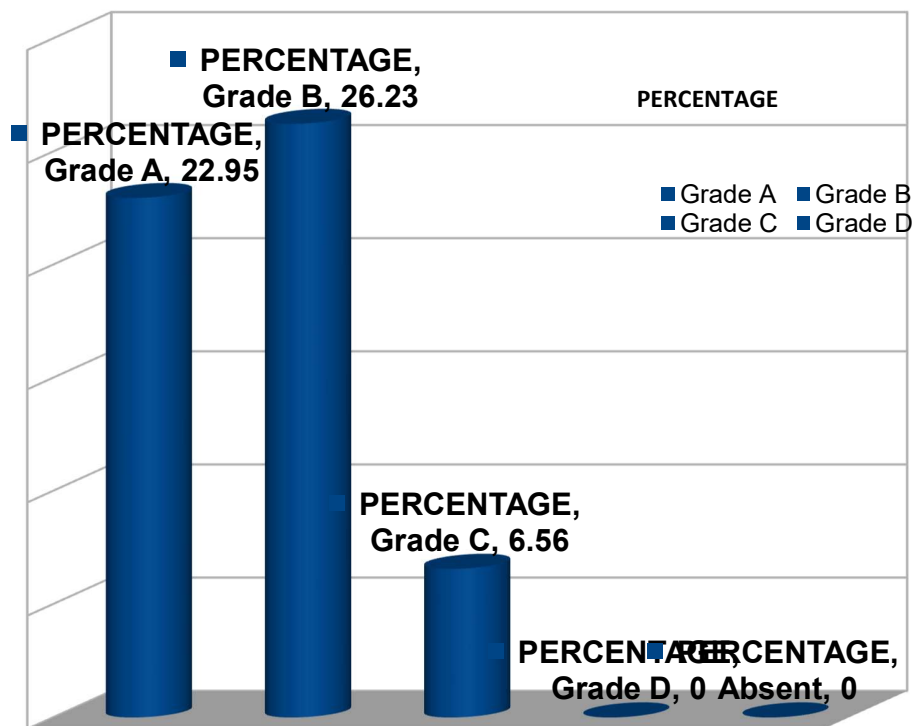


Day 3: 28th June 2019

All Sessions (Miniproject)

Sl. No.	USN	Name of the Student	Grade
1	185031935	ABHISHEK GOWDA R M	B
2	185031904	AHAAN R RAO	B
3	185031936	AKSHATHA UDUPA	B
4	185031901	ALAN NAVIN MENDONCA	B
5	185031905	ALISTER PRINSON CARDOZA	A
6	185031938	ANVITHA	B
7	185031907	CAROL LOBO	B
8	185031909	DEEKSHITHA	B
9	185031910	JENCIL RICHWIN D MELLO	B
10	185031912	MOHAMMAD ISMAIL	A
11	185031913	MOHAMMED BILAL MECCAI	A
12	185031914	MOHAMMED MINHAJ ARIF BAJI	A
13	185031915	MOHAMMED WAHAJ ARIF BAJI	A

14	185031921	SAMANA	A
15	185031923	SHARATH ADIGA	A
16	185031924	SHEIKH MOHAMMED JASEEM	A
17	185031983	SHETTIGAR VAISHNAVI KRISHNA	B
18	185031926	SHREERAKSHA SHETTY	A
19	185031927	SIDDANTHA RAI	A
20	185031929	SINCHANA S	B
21	185031966	SNEHA M	B
22	185031931	SUDHEEKSHA SHETTY	B
23	185031980	ANOOP R SHEKHAR	A
24	185031939	AYEESHAWAFA	B
25	185031941	DEEKSHITHA P	C
26	185031946	MADHU D M	C
27	185031947	MEGHA D	A
28	185031984	SHREYA GORE	B
29	185031985	SHREYA PAI	C
30	185031967	SOUMYA	B
31	185031986	SRINIDHI KULKARNI	B
32	185031968	SRIRAKSHA M	C
33	185031987	SUHAS R A	A
34	185031970	SUSHANTH	A



FEEDBACK ANALYSIS

Inter College Level Workshop: Development of Web Oriented Applications using PHP & MySQL

Resource Person: Dr. S. Mohideen Badhusha

Date: 11th, 12th, 13th Feb 2019

Participants: BCA 2nd Year Students

TOTAL FEEDBACK FORMS RECEIVED: 34

Q. Number	Option 1 NOT AT ALL	Option 2 SOME WHAT	Option 3 VERY MUCH
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Workshop Content	0	6	62
Workshop Design	0	13	89
Workshop Facilitator	0	12	158
AVG	00 / 550 = 00.00%	31/ 340 = 9.11%	309/ 340= 90.88%

Out of **34** students **90.88** % of students given very good feedback and **9.11** % had given moderate feedback.

Two days National Level Workshop on

“Applications of Python Programming in Data Analytics and Machine Learning- Research Perspective”

4th and 5th July 2019

Organized by,

Department of Computer Science and Engineering

In association with

Computer Society of India (CSI)



Conducted for All External Participants from Various Institutions, IIIT Allahabad Internship Students and Inhouse Faculties

Alva's Institute of Engineering and Technology conducted a **two days** National Level Workshop on **"Applications of Python Programming in Data Analytics and Machine Learning- Research Perspective"** for for all external participants from various institutions, IIIT internship students and also inhouse faculties organized by Department of Computer Science and Engineering in Association with CSI on 4th and 5th July 2019. The workshop was inaugurated by Sri Vivek Alva, Managing Trustee, AEF. The Principal Dr. Peter Fernandes, AIET, Dr. Praveen J Dean (Aca), Prof. Manjunath Kothari, H.O.D, Dept. CSE and all The HODs of various departments and all staff members and student volunteers were also present during the inauguration function along with the resource person **Dr. S. Mohideen Badhusha**. And also total 49 participants had been participated in this workshop.



Dr. Peter Fernandes Principal AIET Moodbidri had given a brief about the National Level workshop and also motivated our IIIT students for internship and major projects in data analytics and machine learning.



The event inauguration was published in Vijay Karnataka paper



Workshop Overview

- The workshop imparts a fundamental knowledge in Python required for Data Analytics and Machine Learning with Jupyter Notebook
- The practical programming exercises assigned amidst the lecture hours enhance the interest of solving problems in Data Analytics using python
- It provides hands-on training sessions which offer a basic data structures in Python (List,Tuple,Dictionary & files)
- It provides hands-on training sessions which implements data structures, Data Munging, Manipulation and Exploratory analysis using Pandas
- It finally imparts the knowledge of solving a Case-Study of Data science project and Machine Learning Model using different Python Libraries such as Pandas, Numpy, SkLearn and Matplotlib with Jupyter Notebook
- Development of different real-life applications using PHP and MySQL and offers a comprehensive knowledge in the development of on-line management system.
-

Session Coordinators

All the CSE Department inhouse faculties are assigned for smooth conduction of theory sessions activities during hands-on sessions also in-house faculties evaluated students performance during sessions.

Venue: Network lab (3rd floor) ISE

Prerequisite Knowledge:

- Pre-Linear algebra, Linear Algebra
- Probability theory-Probability and Statistics and Analysis and Applied Probability
- Calculus
- Multivariate Calculus
- Graph theory
- Optimization methods

- Any programming language that is widely used for ML such as python, MATLAB or C++.

Course Objective

- The workshop imparts a fundamental knowledge in Python required for Data Analytics and Machine Learning with Jupyter Notebook
- The practical programming exercises assigned amidst the lecture hours enhance the interest of solving problems in Data Analytics using python
- It provides hands-on training sessions which offer a basic data structures in Python (List, Tuple, Dictionary & files)
- It provides hands-on training sessions which implements data structures, Data Munging, Manipulation and exploratory analysis using Pandas
- It finally imparts the knowledge of solving a Case-Study of Data science project and Machine Learning Model using different Python Libraries such as Pandas, Numpy, SkLearn and Matplotlib with Jupyter Notebook

Course Goal

Participants will be able to:

- Carry out data analysis/statistical analysis
- Effectively visualize the data using machine learning methods.

Faculty Assessment Criteria

Assessments	percentage
All session exercises	50%
Mini project	50%
Final	100%

Workshop Schedule

Day	Session	Portions/ Activities	Duration
DAY 1 04/07/2019	Session 1 (9.00 am -10.45 am)	Basic data structures in Python (List,Tuple,Dictionary& files) in Jupyter Notebook – Exercises. Lecture Hour	1 3/4 Hours
	Session 2 (11.00 am – 1.00 pm)	Hands-on training	2 Hours
	Session 3 (2.00 pm -3.15 pm)	Implementations of its data structures, Data Munging, Manipulation, Exploratory analysis using Pandas in Jupyter Notebook Lecture Hour	1 1/4 Hours
	Session 4 (3.30 pm – 5.00 pm)	Hands-on training	1 1/2 Hours
DAY 2 05/07/2019	Session 1 (9.00 am -10.45 am)	How to develop your data science project?- A case study- using jupyter notebook Hands-on training	3 3/4 Hours
	Session 2 (11.00 am – 1.00 pm)		
	Session 3 (2.00 pm -3.15 pm)	How to develop your machine learning model- A case study- using jupyter notebook Hands-on training	2 3/4 Hours
	Session 4 (3.30 pm – 5.00 pm)		

The proceedings of the workshop are as follows:

DAY 1

Workshop was inaugurated by Dr. Peter Fernandes Principal AIET Moodbidri, Dr. Praveen J Dean (Aca), Dr. Manjunath Kotari H.O.D Department of CSE, Prof. Jayanth Rathod H.O.D Department of CSE and also Resource Person Dr. S. MohideenBadhusa and also all the external participants were witnessed inaugural function. The whole event was narrated by Ms. Megha Hegde and Mr. Sushant Mangasuli, Workshop Organizer, Department of CSE







Resource person Introduction had been done by Prof. Mangala Kini Assistant Professor Department of CSE.



Dr. Peter Fernandes Principal AIEtMoodbidri had given guest talk and motivated all participants of this workshop



Then the Sessions of the workshop started as per time table

Day 1

Session 1 Basic data structures in Python (List,Tuple,Dictionary& files) in Jupyter Notebook – Exercises.

Session 2 Hands-on training



Session 3 Implementations of its data structures, Data Munging, Manipulation, Exploratory analysis using Pandas in Jupyter Notebook

Session 4 Hands-on training

Day 2

Session 1 How to develop your data science project?- A case study- using jupyter notebook

Session 2 Hands-on training



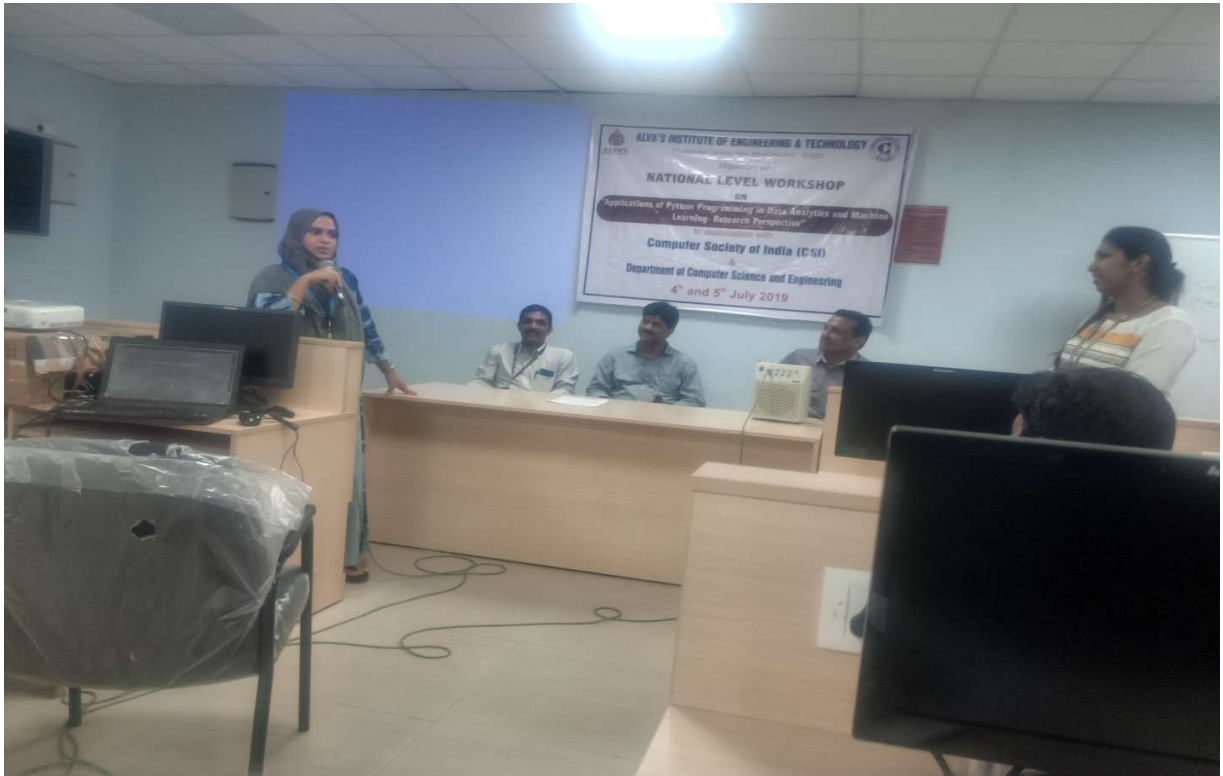
Session 3 How to develop your machine learning model- A case study- using jupyter notebook

Session 4: Hands-on training



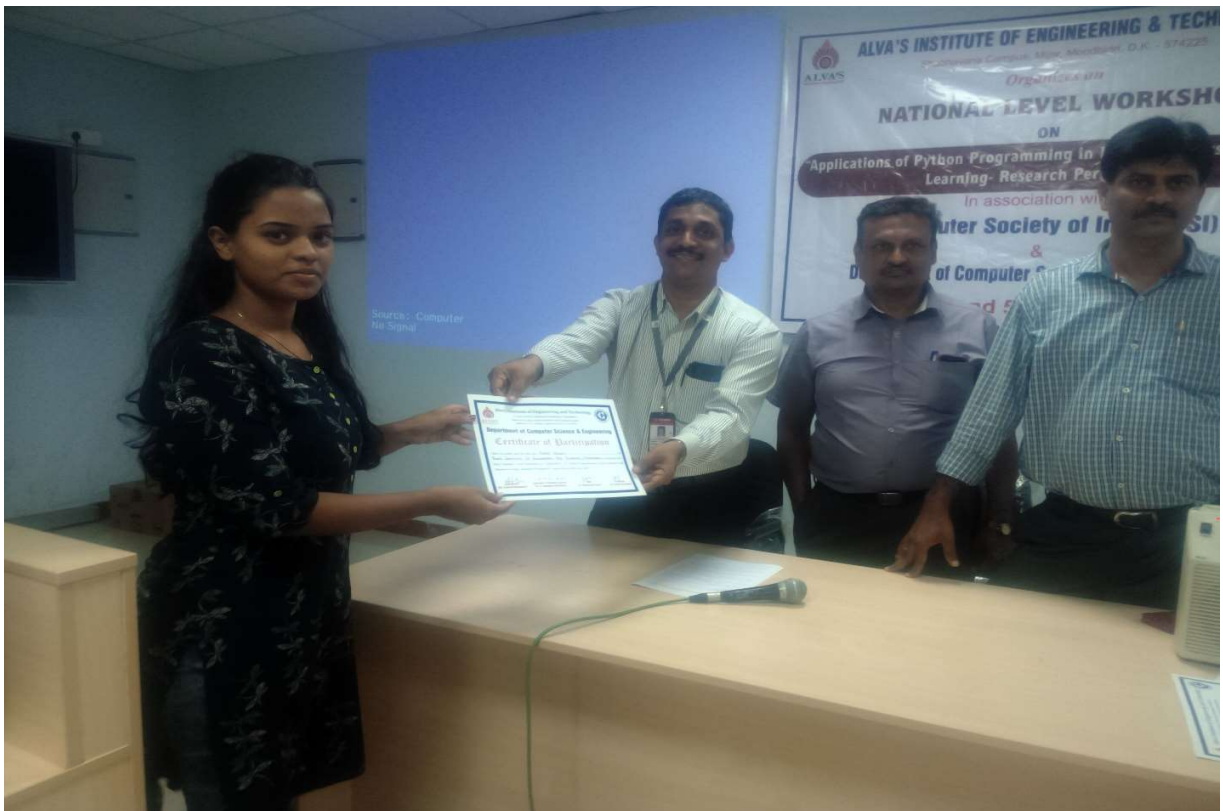
End of the session collected oral feedback from the participants for the better enhancement of training programs in future.





The day was ended with a valedictory function and event was narrated by Ms. MeghaHegde, Mrs. Mangala Kiniand and Mr. Sushant Mangasuliand at the end of the function Dr. Manjunath Kothari H.O.D Department of CSE, Resource Person Dr. S. MohideenBadhushaDepartment of CSE and Dr. Praveen J Dean (Aca) distributed certificates to all the participants. All media persons were also present for the event.







FEEDBACK ANALYSIS

Two days National Level Workshop on “Applications of Python Programming in Data Analytics and Machine Learning- Research Perspective”

Resource Person: Dr. S. MohideenBadhusha

Date: 4th and 5th July 2019

Participants: External Participants, IIIT Internship Students and All Department Inhouse Faculties

TOTAL FEEDBACK FORMS RECEIVED: 21

Q. Number	Option 1 NOT AT ALL	Option 2 SOME WHAT	Option 3 VERY MUCH
Workshop Content	02	16	24
Workshop Design	0	36	27
Workshop Facilitator	0	17	67
AVG	02 / 189 = 1.05%	69 / 189 = 36.50%	118 / 189= 62.43%

Out of **21** students **62.43 %** of students given very good feedback and **36.50%** had given moderate feedback.

Technical Talk-1 on the topic

“ERGONOMICS”

DATE & VENUE: 22nd August 2019, ENGINEERING SEMINAR HALL

Resource Person: Mr. Anup Justin, TechTalk Systems, R&D, Bengaluru

Mr. Anup Justin explained about the Ergonomics and its importance initially. It is the process of designing or arranging workplaces, products and systems so that they fit the people who use them. Most people have heard of ergonomics and think it is something to do with seating or with the design of car controls and instruments – and it is... but it is so much more. Ergonomics applies to the design of anything that involves people – workspaces, sports and leisure, health and safety. Ergonomics is a branch of science that aims to learn about human abilities and limitations, and then apply this learning to improve people's interaction with products, systems and environments. Ergonomics aims to improve workspaces and environments to minimise risk of injury or harm. So as technologies change, so too does the need to ensure that the tools we access for work, rest and play are designed for our body's requirements. Ergonomics aims to create safe, comfortable and productive workspaces by bringing human abilities and limitations into the design of a workspace, including the individual's body size, strength, skill, speed, sensory abilities (vision, hearing), and even attitudes.

He explained how ergonomics works. Ergonomics is a relatively new branch of science, but relies on research carried out in many other older, established scientific areas, such as engineering, physiology and psychology. To achieve best practice design, Ergonomists use the data and techniques of several disciplines: anthropometry: body sizes, shapes; populations and variations biomechanics: muscles, levers, forces, strength. Environmental physics: noise, light, heat, cold, radiation, vibration body systems: hearing, vision, sensations. Applied psychology: skill, learning, errors, differences. Social psychology: groups, communication, learning, behaviours.

He briefly explained about the design of ergonomics. Ergonomics is the science of refining the design of products to optimize them for human use. Computers and related products, such as computer desks and chairs, are frequently the focus of ergonomic design.

Finally he explained about the human factors involved in ergonomics. Human factors and ergonomics is concerned with the "fit" between the user, equipment, and environment or "fitting a job to a person". It accounts for the user's capabilities and limitations in seeking to ensure that tasks, functions, information, and the environment suit that user.

To assess the fit between a person and the used technology, human factors specialists or ergonomists consider the job (activity) being done and the demands on the user; the equipment used.





Technical Talk-2 on the topic

“LOCATION INTELLIGENCE USING BEACONS FOR SMART CONNECTED WORLD”

DATE & VENUE: 27th August 2019, ENGINEERING SEMINAR HALL

Resource Person: Mr. Chandrasekhar Kutyar, SangamOne Infotech, Bengaluru.

Mr. **Chandrasekhar Kutyar** explained about the topic location intelligence using beacons for smart connected world. Beacons are small, wireless transmitters that use low-energy Bluetooth technology to send signals to other smart devices nearby. Put simply, they connect and transmit information to smart devices making location-based searching and interaction easier and more accurate.

He explained about what is beacons and how beacons technology works. All new technologies are becoming a part of our environment, but many of them remain unnoticed or incomprehensible. For many people, beacons are one of these mysterious items. Many IoT applications in large industries –such as retail and warehousing – use beacons everyday, but these small devices go

unnoticed. Beacons are small, wireless sensors that are normally placed in a casing. The technology uses Bluetooth Low Energy (also called Bluetooth Smart or Bluetooth Version 4.0+) to broadcast radio signals or, simply put, to communicate with other smart devices.

He also explained that Beacon developers are still struggling with a number of unsolved issues, including designing better antenna shapes and increasing signal distance. Despite this, beacons are increasingly being implemented in many retail IoT solutions, and are projected to extend further into the industrial and healthcare spheres. Finally he also discussed about several beacon use cases.





Technical Talk-3 on the topic

“ARTIFICIAL INTELLIGENCE”

DATE & VENUE: 1st September 2019, ENGINEERING SEMINAR HALL

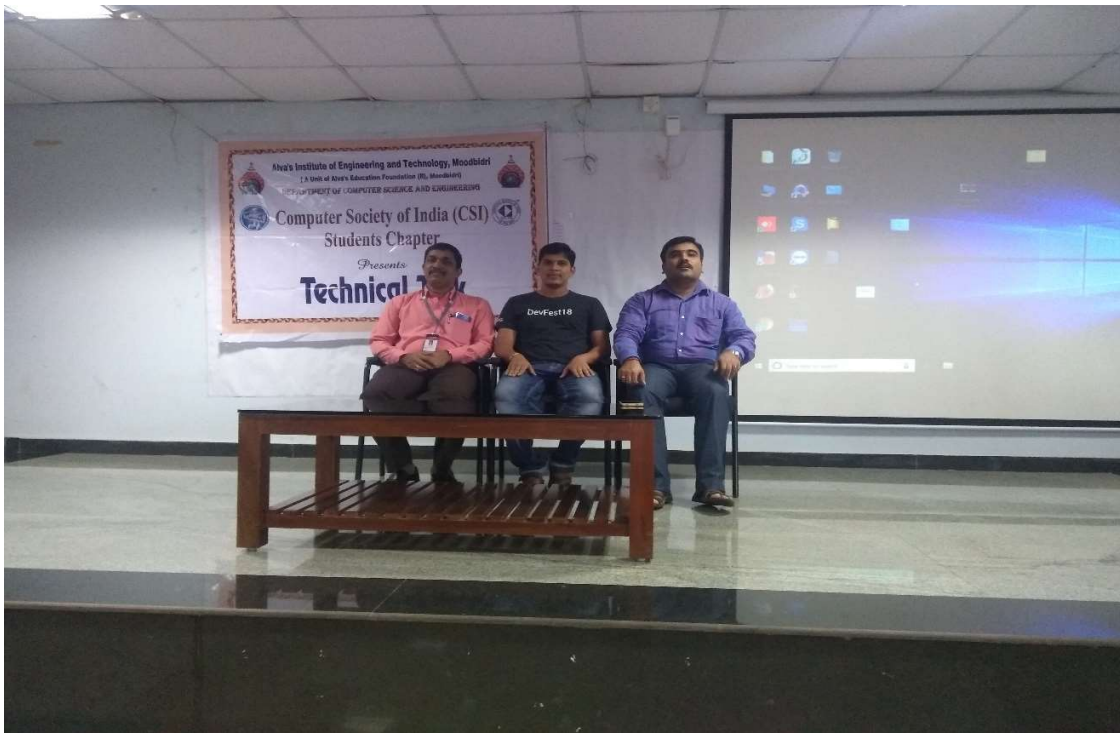
Resource Person: Mr. Raviraj , Data Scientist, Swiss RE, Bengaluru

Mr. Raviraj explained about artificial intelligence and its applications. Initially he explained about the history of AI(Artificial Intelligence) .The history of Artificial Intelligence (AI) began in antiquity, with myths, stories and rumors of artificial beings endowed with intelligence or consciousness by master craftsmen. The field of AI research was founded at a workshop held on the campus of Dartmouth College during the summer of 1956.

He then explained about what is AI and why AI .In today's world, technology is growing very fast, and we are getting in touch with different new technologies day by day. Here, one of the booming technologies of computer

science is Artificial Intelligence which is ready to create a new revolution in the world by making intelligent machines. The Artificial Intelligence is now all around us. It is currently working with a variety of subfields, ranging from general to specific, such as self-driving cars, playing chess, proving theorems, playing music, Painting, etc. AI is one of the fascinating and universal fields of Computer science which has a great scope in future. AI holds a tendency to cause a machine to work as a human. Artificial Intelligence is composed of two words Artificial and Intelligence, where Artificial defines "*man-made*," and intelligence defines "*thinking power*", hence AI means "*a man-made thinking power*."

He also explained that With the help of AI, you can create such software or devices which can solve real-world problems very easily and with accuracy such as health issues, marketing, traffic issues, etc. With the help of AI, you can create your personal virtual Assistant, such as Cortana, Google Assistant, Siri, etc. With the help of AI, you can build such Robots which can work in an environment where survival of humans can be at risk. AI opens a path for other new technologies, new devices, and new Opportunities. Finally he explained about goals of AI such as Replicate human intelligence Creating some system which can exhibit intelligent behavior, learn new things by itself, demonstrate, explain, and can advise to its user.



Technical Talk on the topic

“COMPANY SPECIFIC TRAINING-How To Face Interview”

DATE & VENUE: 14TH September 2019, SEMINAR HALL(CIVIL BLOCK)

Resource Person: Mr. Hemanth Kumar, Senior Software Engineer, Thought focus, Bangalore

Mr. Hemanth kumar explained about how to face an interview confidently. People feel stressed as they hear about INTERVIEW. Most of them focus only on the questions to be answered in the Interview. But the interview is the test of not only knowledge but behaviour and honesty too. It does not matter where you went to school, the number of degrees you may hold, the experience you have or whom you know. It is important do the interview successfully. It is vital to approach interviews in the correct manner and with the right attitude, as that is the key to success.

He explained about some of the key aspects such as go prepared, on the day of interview and know what not to do. He explained that before Research the Company Do some homework, e.g. Find out about the company's vision, goal, strategy, products, finances, departments, competitive advantages, competitors, the work culture and the management from the website. If the company does not have a web presence look them up at the library, call the Chambers of Commerce, and find out everything you can about them. Make sure you know as much about it as you can, so that you can impress your interviewers and show them how much you care. You should be familiar with whatever is mentioned in the CV. Read it thoroughly so that you're not stumped by any question regarding your past employment and education. Come up with answers to common resume questions.

There are a few things you should avoid at all costs when you go into an interview. Many people don't know that a few innocent comments can actually cause a big red flag to go up for the interviewer. Choose your words carefully and make sure you give an impression of being a respectful, hard worker who is truly excited about the position.



Technical Talk on the topic

“Industrial Applications of .NET and Applications of C#”

DATE & VENUE: *5th October 2019, ENGINEERING SEMINAR HALL*

Resource Person Mr.Amarnath V Meti, Software Manager, Infosys, Bengaluru.

Mr. Amarnath Meti briefly explained about the how the language has to be utilized in the project. C# is a versatile programming language used in many different ways. It powers many Windows and .NET apps for desktop, tablet, mobile, and web applications. Coders and programmers also use C# in cross-platform development, using Unity for games and using Xamarin for mobile apps. C# is a hybrid of C and C++, it is a Microsoft programming language developed to compete with Sun's Java language. C# is an object-oriented programming language used with XML-based Web services on the .NET platform and designed for improving productivity in the development of Web applications.

Amarnath explained about the .net framework applications in briefly. A programming infrastructure created by Microsoft for building, deploying, and running applications and services that use .NET technologies, such as desktop applications and Web services. The .NET Framework contains three major parts: the Common Language Runtime. the Framework Class Library. ASP.NET. ASP.NET is an open-source server-side web application framework designed for web development to produce dynamic web pages developed by Microsoft to allow programmers to build dynamic web sites, applications and services. ... The ASP.NET SOAP extension framework allows ASP.NET components to process SOAP messages.

He explained about the benefits of .net. Less Coding and Increased Reuse of Code: This framework works on object-oriented programming which eliminates unnecessary codes and involves less coding for the developers, Deployment, Reliability, Security, Use across Platforms and Languages.

He then started explaining regarding the C#. Windows Presentation Foundation (WPF) is a UI framework that creates desktop client

applications. WPF uses the Extensible Application Markup Language (XAML) to provide a declarative model for application programming. Difference between WPF and Windows Forms. Windows Presentation Foundation (also known as WPF) is a graphical subsystem. It is used in order to render user interfaces in Windows based applications. ... It is a feature of the Windows .NET Framework, and provides access to the native Microsoft Windows interface elements.

Finally he explained about XAML in C#. XAML is a descriptive programming language used in UWP, WPF, and Xamarin Forms to build user interfaces. Most of the time, you will be using a designer to create your XAML but you're free to directly manipulate XAML by hand. XAML uses the XML format for elements and attributes.

