**ALVA’S Institute of Engineering & Technology**

**Department of Computer Science & Engineering**

**Online activities report**

**Date: 29/05/2020**

**Submitted by : Mr. Harish Kunder, Dept. of CS&E, AIET, Mijar – 574 225**

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| **Sl.#** | **Details of the Activity** | **Progress** |
|  | **Online Test** | **No. of Online Test Conducted: 3**  **No. of Students attempted:**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Semester | Subjects | Faculty In charge | Student Strength | No. of Students Registered | Pass % | | IV Sem | Operating Systems | Prof. Harshitha G M | 96 | 94 | 99 | | VI Sem | Operations Research | Prof. Ankitha Shetty | 110 | 107 | 98 | | VIII Sem | Big Data Analytics | Prof. Megha D Hegde | 134 | 131 | 90 | |
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|  | **Certification Course** | **Staff Certification Course Details:**   |  |  | | --- | --- | | Dr.S.Mohideen Badhusha | Name of The Courses : Webinar on ‘Remote Sensing Basics’ by Russ Congalton  Certificate provider: Nil  Duration of the course: 2 hours | | Prof. Venkatesh | Attending four days Faculty Development Program on “ Networks & Security” organized by NMAMIT, Nitte fron 26th May 2020 – 29th may 2020 | | Prof. Vasudev | Name of The FDP : “Network & Security” -------- Day IV  Certificate provider: NMAMIT NITTE  Duration : 5 DAYS  Name of The FDP : “Machine Learning, Digital Twins and self organized methods”  Certificate provider CAMBRIDGE  Duration : 2 HOURS  Attended Electric Quiz conducted by PDIT Hospet(Bellary) | | Prof. Harish Kunder | **Attending one week AICTE sponsored ATAL Faculty Development Program on “ Cyber Security Vulnerabilities and Safeguards” organized by National Institute of Technical Teachers Training and Research (NITTTR) Sector-26, Chandigarh-160019 fron 28th May 2020 – 1st June 2020**  Doing Certification course on “ Deep Learning Onramp” by Matwork Training services  Attended webinar on Skycampus Digital Knowledge Series – Season 7, Hosted by ICT Academy, G Saravanan (Moderator), L Ganesh Kumar.  Attending four days Faculty Development Program on “ Networks & Security” organized by NMAMIT, Nitte fron 26th May 2020 – 29th may 2020  Doing Certification course on “ Introduction to Network Security” by Great Learning  Attended webinar on cyber security organized by Cambridge Institute of Technology, Bangalore | | Prof. Sayeesh | Name of theCourse:Secure Your Computer Network Servers And Clients From External Threats, With This Free Network And Security Course. (2 Modules Completed)Certificate provider: Alison Duration of the course: 15 Hours | | Mr. Hemanth Kumar | Name of The Course : Completed an onlinecourse on Introduction to Raspberry Pi 3 and earned Gold medal for learning this week in Alison.  Certificate provider: Alison  Duration of the course:3hrs | | Mr. Sushanth M | Not Done | | Mr. Vivek Sharma | Name of The Course : Network Fundamentals: Understanding the Internet Protocol  Certificate provider: Alison  Duration of the course: 2hr | | Mrs. Vidya | Name of The Course:1.FDP on Networks and Security  2. Webinar on "Cyber Security"  Certificate provider:1. NMAMIT, Nitte  2.CIT,Bengluru  Duration of the course:1.Total duration-4days.Attended 2hours(11.00AM to 1.00PM)  2. 2.15Hours(5.30PM to 7.45 PM) | | Mrs. Merlyn Melita | Name of The Course :Webinar on Cyber security  Certificate provider:Cambridge  Duration of the course:2hr  Name of The Course :Future of Artificial Intelligence  Certificate provider: ICT Academy  Duration of the course: 1hr  Name of The Course : Webinar on Machine learning  Certificate provider:Cambridge  Duration of the course: 1hr | | Mrs. Harshitha G M | Name of The Course :Webinar on Machine Learning, Digital twins and Self Organised Methods"  Certificate provider:Cambridge Institute of Technology.  Duration of the course: | | Mrs. Mangala Kini | Name of The Course : Skycampus Digital Knowledge Series - Season 7  Certificate provider: ICT Academy  Duration of the course: 5 days workshop  Name of The Course : Preparation on next normal  Certificate provider: Webinar by Wipro  Duration of the course: 12.00 to 1.30 | | Mrs. Reena Lobo | Name of The Course:1.Attended webinar on The Future of Artificial Intelligence, Certificate provider: ICT ACADEMY Duration of the course:1hrAttended Webinar on MACHINE LEARNINGCertification provider: CAMBRIDGE INSTITUTE OF TEHNOLOGY Duration of the course:2hr  3.Attended webinar on cyber security  Certification provider:CAMBRIDGE INSTITUTE OF TEHNOLOGY Duration of the course:2hrs | | Ms. Ankitha Shetty | 1)The Future of Artificial Intelligence by ICT Academy  2)Networks & Security | | Ms. Shruthi Shetty | Name of The Course FDP on Networks and Security organized by NMAMIT,NITTE and a webinar on Accelerating Industry 4.O, by ICT academy.  Certificate provider: NMAMIT, ICT Academy  Duration of the course: 6hours | | Ms. Shilpa | Name of The Course :1. The Future of Artificial Intelligence,  2. Webinar on Machine Learning, Digital twins and Self Organised Methods  3. webinar "Cyber Security"  Certificate provider:ICT Academy, Cambridge Institute of Technology.  Duration of the course:5 days, 2 Hours | | Ms. Megha Hegde | Name of The Course : Skycampus Digital Knowledge Series - Season 7  Certificate provider: ICT Academy  Duration of the course: 5 days workshop  Name of The Course : Preparation on next normal  Certificate provider: Webinar by Wipro  Duration of the course: 12.00 to 1.30  Name of The Course : Outcome Based Education - Road-map to E-learning & Accreditation  Certificate provider: Webinar by Informatic global  Duration of the course: 3.00 to 4.00 | |
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|  | **Coding Challenges** | **Coding Challenges:**   |  |  | | --- | --- | | Dr.S.Mohideen Badhusha | Problem statement:[Python Program](https://github.com/orgs/alvas-education-foundation/teams/cse/discussions/66)  to find different digits r from number n  Language used for solving: Python  Whether posted in Github: yes  How many students attempted : program – 4  <https://github.com//alvas-education-foundation/Dr.Sm.Badhusha> | | Prof. Venkatesh | Not Published | | Prof. Vasudev | Given two numbers N and K. A sequence A1, A2, ….AN of length N can be created by placing numbers from 1 to K at each position making a total of KN sequences. The task is to find the sum of [GCD](http://www.geeksforgeeks.org/basic-and-extended-euclidean-algorithms/) of all the sequences formed.  Language used for solving:CPP Java  Whether posted in Github: YES  How many students attempted :Waiting for response | | Prof. Sayeesh | Problem statement: 1. Write a Java Program to check whether the given number is Armstrong number or not  Write a Java Program to find longest substring without repeating characters in a string.  Whether posted in Github: Yes <https://github.com/orgs/alvas-education-foundation/teams/3rd-year>  How many students attempted:29 | | Mr. Hemanth | Problem statement:Have prepared 60 questions of C programming and problem solving  Language used for solving: C  Whether posted in Github:No-(This week 1st year students are having IA)  How many students attempted :Already added E and H section students usernames to github account. Since they are in first year still I am giving them the instructions on how to use github. First year students are really finding it difficult to adjust themselves to github. | | Mr. Sushanth | Not Published | | Mr. Vivek Sharma | Problem statement: Have prepared questions for 2nd sem students, now they are into github and have told to create their own repository. Few students have created their repository  Language used for solving: C  Whether posted in Github: No  How many students attempted : Students added to github accounts and created their repository. | | Mrs. Vidya | Not Published | | Mrs. Harshitha | Not Published | | Mrs. Merlyn | Problem statement:Python program to calculate the number of uppercase and lowercase letters in a string  Description:  Take a string as input and find the number of uppercase and lower case letters in the string and print the count.  Language used for solving:Python  Whether posted in Github:Yes  How many students attempted : | | Mrs. Mangala Kini | Not Published | | Mrs. Reena | Problem statement:We are given 3 strings: str1, str2, and str3. Str3 is said to be a shuffle of str1 and str2 if it can be formed by interleaving the characters of str1 and str2 in a way that maintains the left to right ordering of the characters from each string. For example, given str1="abc" and str2="def", str3="dabecf" is a valid shuffle since it preserves the character ordering of the two strings. So, given these 3 strings write a function that detects whether str3 is a valid shuffle of str1 and str2.  Language used for solving:java  Whether posted in Github:yes | | Ms. Ankitha Shetty | Problem statement:[program to solve a system of linear congruence by applying the Chinese Remainder Theorem.](https://github.com/orgs/alvas-education-foundation/teams/3rd-year/discussions/42)  Language used for solving:c  Whether posted in Github:yes  How many students attempted :38 | | Ms. Shruthi Shetty | Problem statement: Problem statement on Python  Language used for solving: Python  Whether posted in Github: Yes  How many students attempted :21 | | Ms. Megha Hegde | Not published | | Ms. Shilpa | Problem statement:Write a Java program to Find size of the largest ‘+’ formed by all ones in a binary matrix  Whether posted in Github:Yes  How many students attempted :52 | |
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|  | **Student Monitoring System** | **Student Monitoring Detailss:**   |  |  | | --- | --- | | Dr. Manjunath Kotari | How many Students assigned: 19  How many students uploaded the report in slack:15  How many students are actively involved in online activities:15 | | Dr.S.Mohideen Badhusha | How many Students assigned: 18  How many students uploaded the report in slack : 17 updated properly  How many students are actively involved in online activities: 11 (taking part in various coding challenges) | | Prof. Venkatesh | How many Students assigned: 27  How many students uploaded the report in slack :23  How many students are actively involved in online activities:23 | | Prof. Vasudev | How many Students assigned: 19  How many students uploaded the report in slack : 18  How many students are actively involved in online activities: 18 | | Prof. Harish Kunder | How many Students assigned: 26  How many students uploaded the report in slack :26  How many students are actively involved in online activities:26 | | Prof. Sayeesh | How many Students assigned: 19  How many students uploaded the report in slack :14  How many students are actively involved in online activities:15 | | Mr. Hemanth Kumar | How many Students assigned: First year E and H section  How many students uploaded the report in slack : Nil  How many students are actively involved in online activities: till date all students were involved in Codechef,hackerank and hackerearth. | | Mr. Sushanth M | How many Students assigned: 16  How many students uploaded the report in slack :10  How many students are actively involved in online activities:10 | | Mr. Vivek Sharma | How many Students assigned: First year F and G section  How many students uploaded the report in slack :  How many students are actively involved in online activities: activities: till date all students were involved in  Codechef,hackerank and hackerearth. | | Mrs. Vidya | How many Students assigned:19  How many students uploaded the report in slack :13  How many students are actively involved in online activities:13 | | Mrs. Harshitha G M | How many Students assigned: 19  How many students uploaded the report in slack : 14  How many students are actively involved in online activities: 14 | | Mrs. Merlyn Melita | How many Students assigned:19  How many students uploaded the report in slack :15  How many students are actively involved in online activities: 16 | | Mrs.Mangala Kini | How many Students assigned: 20  How many students uploaded the report in slack : 19  How many students are actively involved in online activities:20 | | Mrs. Reena Lobo | How many Students assigned:19  How many students uploaded the report in slack :16  How many students are actively involved in online activities:16 | | Ms. Ankitha Shetty | How many Students assigned: 16  How many students uploaded the report in slack :12  How many students are actively involved in online activities: 12 | | Ms. Shruthi Shetty | How many Students assigned:26  How many students uploaded the report in slack :21  How many students are actively involved in online activities:21 | | Ms. Shilpa | How many Students assigned: 19  How many students uploaded the report in slack :14  How many students are actively involved in online activities: 16 | | Ms. Megha Hegde | How many Students assigned: 26  How many students uploaded the report in slack : 24, (24 students have sent report to me)  How many students are actively involved in online activities: 24 | |
|  | **Total Active students in Online Activities……..278/340 ======82%** | |