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

**Department of Computer Science & Engineering**

**Consolidated Online activities report for the Month June 2020**

**Name of the Faculty: SAYEESH**

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| **Sl.#** | **Activities** | **Progress** |
|  | **Online Test** | No. of Online Test conducted in Techgig: 02  Subject: Computer Graphics and Visualization (17CS62)  Semester: 6th A & B  Student Strength:110  Average Number of Students attended:104  Average passing percentage:96%  No. of Online Test conducted in Techgig: 01  Subject: Aadalitha Kannada (18KAK49)  Semester:4th A & B  Student Strength:84  Average Number of Students attended:82  Average passing percentage:98% |
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|  | **Certification Course** | **No. of certification course completed:**   |  |  |  |  | | --- | --- | --- | --- | | SL# | Name of the Course | Certificate Provider | Duration (Hrs) | | 1 | Step into Robotic Process Automation | Ui Path Academic Alliance | 3 Hours | | 2 | Diploma in HTML5, CSS3 and Java Script | Alison | 15Hours | | 3 | Network Server Security- Protecting the Server and Client Computer | 3 Hours | |  |  |  |  | |
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|  | **Faculty Development Program attended**  **( >= 5 days)** | **No. of FDP completed:**   |  |  |  |  | | --- | --- | --- | --- | | SL# | Title of the FDP | Organized By | Date | | 1 | One Week FDP on Electronics & Data Science | Ballari Institute of Technology & Management, Ballari | 1-6-2020  To  6-6-2020 | | 2 | Five Days webinar on Recent Trends in Information Technology | Bangalore Institute of Technology, Bangalore | 2-6-2020  To  6-6-2020 | | 3 | Five Days National Level Online FDP on Perl Scripting | Lords Institute of Engineering and Technology, Hyderabad | 10-6-2020  To  14-6-2020 | | 4 | Five Days International FDP on Emerging Trends in Computer Science and Engineering | Dayananda Sagar University, Bangalore | 10-6-2020  To  14-6-2020 | | 5 | Five Days Workshop on Application of Python Programming in Data Analytics and Machine Learning- Research Perspectives | Alva’s Institute of Engineering and Technology, Moodbidri | 15-6-2020  To  19-6-2020 | | 6 | One Week Online FDP on Big Data Management: An End-to-End Perspective | M.S.Ramaiah Institute of Technology, Bangalore | 15-6-2020  To  19-6-2020 | | 7 | One Week FDP on Recent Trends in Computer Science | Lokmanya Tilak Jankalyan Shikshan Sanstha’s Priyadarhini Institute of Engineering and Technology, Nagpur | 15-6-2020  To  20-6-2020 | | 8 | One Week FDP on Emerging Trends in Cyber Security | CMR Institute of Technology, Bangalore | 15-6-2020  To  20-6-2020 | | 9 | Five Days FDP on Pioneering AI Technology: A Case Study Approach | Dayananda Sagar University, Bangalore | 22-6-2020  To  26-6-2020 | |
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|  | **Faculty Development Program / Webinar / Online Quiz organized** | **No. of FDP / Webinar / Online Quiz organized:**   |  |  |  |  | | --- | --- | --- | --- | | SL# | Title of the FDP | Duration | Date | | 1 | Five Days Workshop on Application of Python Programming in Data Analytics and Machine Learning- Research Perspectives | 5 Days | 15-6-2020 to  19-6-2020 | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
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|  | **FDP / WORKSHOP / WEBINAR attended**  **(<5 days)** | **No. of FDP / WORKSHOP / WEBINAR completed:**   |  |  |  |  | | --- | --- | --- | --- | | SL# | Title of the FDP | Organized By | Date | | 1 | Understanding Social Media through Analytics | Sri Ramakrishna Institute of Technology, Coimbatore | 1-6-2020 | | 2 | Arduino Using Proteus | Sreenidhi Institute of Science & Technology and Pantech E-Learning | 1-6-2020 | | 3 | Mastering Machine Learning- An Introductory Guide with MATLAB | Tamilnadu College of Engineering and Pantech E-Learning | 1-6-2020 | | 4 | Applying Convolutional Neural Network-A Deep Learning | Kalasalingam Institute of Technology and Pantech E-Learning | 2-6-2020 | | 5 | Thingspeak Cloud & Internet of Things | Quaid-E-Millath Govt. College for Women and Pantech E-Learning | 2-6-2020 | | 6 | TDD Coding Dojo in Java | AIMS School of IT & Mathematics | 3-6-2020 | | 7 | Become Expert in Python Programming | SJB Institute of Technology, Bangalore | 3-6-2020 | | 8 | MATLAB Interfacing with Fuzzy Logic Toolboxes | Joginpally B.R. Engineering College, Hyderabad and Pantech E-Learning | 3-6-2020 | | 9 | Visionary Robots | Jerusalem College of Engineering, Chennai and Pantech E-Learning | 3-6-2020 | | 10 | Impact of AI during Pandemic Times | McGraw Hill Publisher | 4-6-2020 | | 11 | Digital Marketing- An Overview and its Effectiveness for Educational Institutions | ACS College of Engineering, Bangalore | 4-6-2020 | | 12 | Machine Learning Model Deployment using Flask and Other Techniques | Don Bosco Institute of Technology, Bangalore | 4-6-2020 | | 13 | MQTT Protocols Demonstration and Hands-On | Anurag University, Hyderabad and Pantech E-Learning | 4-6-2020 | | 14 | Smart Vehicles- IOT Enabled Vehicular Communication | Tagore Engineering College, Chennai and Pantech E-Learning | 4-6-2020 | | 15 | Three Days Webinar on Recent Trends in Computer Science and Technology | KLE College of Engineering & Technology, Chikodi | 4-6-2020  To  6-6-2020 | | 16 | Brain Computer Interface | NITK-Step | 5-6-2020 | | 17 | Business Intelligence and it’s Applications | S.E.A. College of Engineering & Technology, Bangalore | 5-6-2020 | | 18 | Concepts in Machine Learning using Python | University College of Engineering Ariyalur, and Pantech E-Learning | 5-6-2020 | | 19 | Interrogations in MEMS, NEMS and Nano Technology | Cambridge Institute of Technology, Bangalore | 5-6-2020 | | 20 | Python Programming for IOT Enabled Biomedical Applications | Bharathi Women’s College, Chennai | 5-6-2020 | | 21 | One Day Workshop on Neural Networks- Journey from Shallow to Deep Learning | Jain University, Bangalore | 5-6-2020 | | 22 | Agile Teaching Learning Methods Mapping the Changing Scenario | East Point College of Engineering and Technology | 6-6-2020 | | 23 | Build your own Regression Model in Machine Learning | MLR Institute of Technology, Hyderabad and Pantech E-Learning | 6-6-2020 | | 24 | A Machine Learning Approach for Power Management | Sathyabama Institute of Science & Technology, Chennai and Pantech E-Learning | 6-6-2020 | | 25 | National Level Online FDP on Network Simulation using NS-3 – A Research Perspective | Sri Venkateshwar College of Engineering, Bangalore | 6-6-2020 | | 26 | Deep Learning and AI | Gopalan College of Engineering & Management, Bangalore and Pantech E-Learning | 7-6-2020 | | 27 | Gesture Recognition | Vardhaman College of Engineering, Hyderabad and Pantech E-Learning | 8-6-2020 | | 28 | Underwater Communication System | SKN Sinhgad Institute of Technology & Science, Pune and Pantech E-Learning | 8-6-2020 | | 29 | Webinar on Enhancing Geospatial Monitoring of Natural Hazards using IOT Geophysics and Remote Sensing | Amrita Vishwa Vidyapeetham | 9-6-2020 | | 30 | Project Based Learning & Development Employability Skills | GSSS Institute of Engineering & Technology for Women, Mysuru | 9-6-2020 | | 32 | Python Programming & Industrial Applications | Ethiraj College for Women, Chennai and Pantech E-Learning | 9-6-2020 | | 33 | Robotic Process Automation | Sridevi Women’s Engineering College, Hyderabad and Pantech E-Learning | 9-6-2020 | | 34 | Four Days Online FDP on Applied Machine Learning using Python | NMAM Institute of Technology, Nitte | 9-6-2020  To  12-6-2020 | | 35 | International Webinar on Extended Producer Responsibility for Plastic Waste Management in Indonesia: Opportunities & Challenges- Lesson Learned from International Practices | Center for Southeast Asian Studies (CSEAS) | 10-6-2020 | | 36 | 5G Communications | DMI College of Engineering and Pantech E-Learning | 10-6-2020 | | 37 | AI Powered Disambiguation of Complex Text | AIMS Institutes, Peenya, Bangalore | 10-6-2020 | | 38 | Modelling & Simulation of Facts Controllers using MATLAB | JB Institute of Engineering & Technnology, Hyderabad and Pantech E-Learning | 10-6-2020 | | 39 | Three Days FDP on AWS Cloud, Docker Containers, Grafana and Performance Benchmarking of Storage System | Vidyavardhaka College of Engineering, Mysuru | 10-6-2020  To  12-6-2020 | | 40 | Role of Marketing in times of Pandemic | McGraw Hill Publication | 11-6-2020 | | 41 | Cyber Security | Dr. Ambedkar Institute of Technology, Bangalore | 11-6-2020 | | 42 | Block Chain | Anand Institute of Higher Technology, Chennai and Pantech E-Learning | 11-6-2020 | | 43 | One Day Virtual FDP on Current Trends and Techniques in Artificial Intelligence | Jnana Jyothi Degree College, Bangalore | 11-6-2020 | | 44 | Building a Sustainable Future | ICT Academy | 12-6-2020 | | 45 | Cognitive Radio Networks | Ganadipathy Tulsi’s Jain Engineering College, Vellore and Pantech E-Learning | 12-6-2020 | | 46 | PCB Design | Narsimha Reddy Engineering College, Hyderabad and Pantech E-Learning | 12-6-2020 | | 47 | Web Application Security | Loyola Institute of Technology, Chennai | 12-6-2020 | | 48 | Application Design of Brain Computer Interface | Adamas University and Pantech E-Learning | 13-6-2020 | | 49 | Data Science using Python | Siddartha Institute of Engineering & Technology, Hyderabad and Pantech E-Learning | 13-6-2020 | | 50 | Clock Domain Crossing Techniques & Clock Gating Design (VLSI) | Mahatma Gandhi Institute of Technology, Hyderabad and Pantech E-Learning | 14-6-2020 | | 51 | Research Skill- Key to Success | Francis Xavier Engineering College | 14-6-2020 | | 52 | Communication System for 5G Applications | KGISL Institute of Technology, Coimbatore and Pantech E-Learning | 15-6-2020 | | 53 | Opportunities and Challenges in Entrepreneurship Development and Startup | Government Engineering College Ramanagara | 15-6-2020 | | 54 | AI using Python | Vishwakarma Institute of Information Technology, Pune and Pantech E-Learning | 16-6-2020 | | 55 | Cloud Architecture and Concepts | Dr. P.G. Halakatti College of Engineering & Technology, Vijayapur | 16-6-2020 | | 56 | Internet of Things using Arduino | Dr. Shyama Prasad Mukharjee University and Pantech E-Learning | 16-6-2020 | | 57 | Webinar on Blockchain | Cambridge Institute of Technology, Bangalore | 17-6-2020 | | 58 | Webinar on Labview | Karpagam College of Engineering, Coimbatore and Pantech E-Learning | 17-6-2020 | | 59 | Webinar on Smart Grid | Crescent Institute of Science & Technology, Chennai and Pantech E-Learning | 17-6-2020 | | 60 | Webinar on Wellness Program- The Science of Well Being | Vivekananda Institute of Technology, Bangalore | 17-6-2020 | | 61 | Towards Successful Publication of Research Work | KLE Dr. M.S. Sheshgiri College of Engineering & Technology, Belagavi | 17-6-2020 | | 62 | One Day Workshop on Intellectual Property Rights | New Horizon College of Engineering | 17-6-2020 | | 63 | Future of Education post Covid | McGraw Hill Publication | 18-6-2020 | | 64 | Model Design of Solar Energy Using MATLAB | Jeppiaar Engineering College, Chennai and Pantech E-Learning | 18-6-2020 | | 65 | Network Virtualization for IOT | Loyola Institute of Technology, Chennai | 18-6-2020 | | 66 | Natural Language Processing | St. Peter’s Engineering College, Hyderabad and Pantech E-Learning | 18-6-2020 | | 67 | Future of Digitalization and AI in Industry | Dr. Ambedkar Institute of Technology, Bangalore | 19-6-2020 | | 68 | Industrial Applications of Robust Design | Francis Xavier Engineering College | 19-6-2020 | | 69 | Internet of Things using Raspberry PI | Institute of Engineering & Technology and Pantech E-Learning | 19-6-2020 | | 70 | MATLAB in Communication Applications | MLR Institute of Technology, Hyderabad and Pantech E-Learning | 19-6-2020 | | 71 | Modern Security Threats & Countermeasure | Institute of Information Technology & Management | 19-6-2020 | | 72 | A Practical approach on Python | Annai Veilankanni’s Group of Educational Institutions, Chennai and Pantech E-Learning | 19-6-2020 | | 73 | Webinar on Transition from College to Career and Importance of Communication in Interviews | Paavai Engineering College | 19-6-2020 | | 74 | Machine Learning Predictive Analysis | Academy of Maritime Education and Training, Chennai and Pantech E-Learnng | 20-6-2020 | | 75 | Object Detection Using Deep Learning | Raju Institute of Technology, Hyderabad and Pantech E-Learning | 21-6-2020 | | 76 | Cloud Transformation | Loyola Institute of Technology, Chennai | 22-6-2020 | | 77 | Introduction to Salesforce | Loyola Institute of Technology, Chennai | 23-6-2020 | | 78 | Data Visualization towards Data Science | Francis Xavier Engineering College | 24-6-2020 | | 79 | Python for Data Pre-Processing | Amruta Institute of Engineering and Management Sciences, Bangalore | 25-6-2020 | | 80 | Webinar on Let’s Talk Blockchain | Dr. Ambedkar Institute of Technology, Bangalore | 26-6-2020 | | 81 | An Enterprise Cloud Journey with AWS | Vivekananda Institute of Technology, Bangalore | 27-6-2020 | | 82 | Data Analytics using R | PA College of Engineering | 27-6-2020 | | 83 | SAP Overview | Dr. T. Thimmaiah Institute of Technology, | 27-6-2020 | | 84 | Applied Cryptography for IoT | Dr. Ambedkar Institute of Technology, Bangalore | 27-6-2020 | | 85 | Data Analytics: EN-Route to AI & ML | City Engineering College, Bangalore | 27-6-2020 | | 86 | Satellite Image Processing: Feature Extraction | Bangalore Technological Institute, Bangalore | 27-6-2020 | |
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|  | **ONLINE QUIZ** | **No. of ONLINE QUIZ attempted:**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | SL# | Title of the Quiz | Organized By | Date | Result | | 1 | COVID-19 Awareness Quiz | HKBK College of Engineering | 2-6-2020 | 80% | | 2 | Electronics e-Quiz | Proudhadevaraya Institute of Technology, Hosapete | 2-6-2020 | 100% | | 3 | Enhancing Soft Skills | Proudhadevaraya Institute of Technology, Hosapete | 2-6-2020 | 100% | | 4 | National level E-Quiz on Electrical Machines | SECAB Institute of Engineering & Technology | 3-6-2020 | -- | | 5 | Covid19: Technological & Digital Transformation | Sir MVSIT, Bangalore | 3-6-2020 | 100% | | 6 | Data Mining & Data Warehousing | Vivekananda Institute of Technology, Bangalore | 3-6-2020 | -- | | 7 | Basic Science and Technology | Don Bosco Polytechnic College, Chennai | 4-6-2020 | -- | | 8 | Basics of Indian Economy | S.G.Government Degree & PG College | 4-6-2020 | -- | | 9 | Mechanical Engg. Quiz | Proudhadevaraya Institute of Technology, Hosapete | 5-6-2020 | 100% | | 10 | Quiz on Microcontroller & Embedded Systems -2020 | Indian-Aviation-Trade, Bangalore | 6-6-2020 | 100% | | 11 | C Programming Skills | Sri Krishna Institute of Technology, Bangalore | 7-6-2020 | -- | | 12 | Basic Concept of DBMS and SQL | Sri Krishna Institute of Technology, Bangalore | 7-6-2020 | -- | | 13 | Concepts of Data Structures | Sri Krishna Institute of Technology, Bangalore | 7-6-2020 | -- | | 14 | Object Oriented Programming | Sri Krishna Institute of Technology, Bangalore | 7-6-2020 | -- | | 15 | E-Quiz on Block Chain | Maratha Mandal Engineering College, Belagavi | 9-6-2020 | -- | | 16 | Python Programming Basics | Maharaj Institute of Technology, Thandavapura | 9-6-2020 | -- | | 17 | State Level Kannada Quiz | ASC Degree College, Bangalore | 10-6-2020 | 100% | | 18 | Science around COVID-19 and its Mitigation: An Awareness through online Quiz | Tumkur University | 11-6-2020 | -- | | 19 | E-Quiz Electronics | KLE College of Engineering & Technology, Chikodi | 12-6-2020 | -- | | 20 | Quiz on Computer Science | Proudhadevaraya Institute of Technology, Hosapete | 13-6-2020 | 100% | | 21 | National Level Quiz on Big Data Analytics and Its Applications | Smt. Kamala and Sri Venkappa M.Agadi College of Engineering and Technology, Lakshmeshwar | 15-6-2020 | 100% | | 22 | Aptitude Quiz | Proudhadevaraya Institute of Technology, Hosapete | 15-6-2020 | 100% | | 23 | Design & Analysis of Algorithms | Vivekananda Institute of Technology, Bangalore | 15-6-2020 | -- | | 24 | C Programming | Vivekananda Institute of Technology, Bangalore | 15-6-2020 | 100% | | 25 | Cyber Security and Safety | Vivekananda Institute of Technology, Bangalore | 15-6-2020 | 100% | | 26 | Operating System | Vivekananda Institute of Technology, Bangalore | 15-6-2020 | -- | | 27 | System Software & Compiler Design | Vivekananda Institute of Technology, Bangalore | 16-6-2020 | -- | | 28 | Python Programming | Maharaja Institute of Technology, Mysuru | 16-6-2020 | -- | | 29 | Remote Sensing & GIS | Karnataka State Engineering Colleges Geology Teachers Association | 16-6-2020 | 100% | | 30 | Data Structures | Vivekananda Institute of Technology, Bangalore | 18-6-2020 | -- | | 31 | Computer Graphics | Vivekananda Institute of Technology, Bangalore | 18-6-2020 | 100% | | 32 | Internet of Things | Vivekananda Institute of Technology, Bangalore | 18-6-2020 | 100% | | 33 | Object Oriented Concepts | Vivekananda Institute of Technology, Bangalore | 18-6-2020 | 100% | | 34 | System Modeling & Simulation | Vivekananda Institute of Technology, Bangalore | 18-6-2020 | -- | | 35 | National Level Quiz on Advance Operating System | Smt. Kamala and Sri Venkappa M.Agadi College of Engineering and Technology, Lakshmeshwar | 21-6-2020 | 100% | | 36 | C Programming | Viddyavardhaka College of Engineering, Mysuru | 22-6-2020 | 100% | | 37 | Start-up, Innovation and IPR | Shree Madhwa Vadhiraja Institute of Technology and Management, Bantakal | 23-5-2020 | -- | | 38 | Online Quiz on Cryptography and Network Security | PA College of Engineering | 23-6-2020 | 100% | | 39 | Advances in Power Systems | Jain University, Bangalore | 24-6-2020 | 100% | | 40 | Awareness about COVID-19 Pandemic | Vivekananda Institute of Technology, Bangalore | 25-6-2020 | 100% | | 41 | Emerging Trends in Power Electronics & Renewable Energy System | Jain University, Bangalore | 25-6-2020 | 100% | | 42 | National Level Quiz on IoT Technology | Yenepoya Institute of Technology, Moodbidri | 25-6-2020 | 100% | | 43 | Quiz on IIC, MHRD and Start-up | Viddyavardhaka College of Engineering, Mysuru | 26-6-2020 | -- | | 44 | Quiz for Physical Education | Rajagopal Polytechnic College, Gudiyatham | 27-6-2020 | -- | | 45 | National Online Quiz on Renewable Energy Sources | RISE Krishna Sai Prakasam Group of Institutions, Vallur | 28-6-2020 | -- | |
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|  | **Coding Challenges** | No. of Coding challenges posted in Github: 22  Average Number of students actively participated / monitored: 26  Github Repository link : <https://github.com/orgs/alvas-education-foundation/teams/3rd-year>  Steps taken for improving the coding performance : First Concept explanation was posted and also solved some problems were solved. Also logic and algorithms of the problems were posted for coding. |
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|  | **Student Monitoring System** | Number of students assigned:19  Average No. of students monitored :17  Steps taken for improving the performance of challenging students: Personally sent mail regarding how all these online activities will help for the students in placement activities and future. |
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|  | **Github platform** | **How effectively involved in the Github Platform :** |
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|  | **Suggestion to use the online platform effectively:** | |
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|  | **Overall Remarks:** | |