| ANNUAL PLAN FOR INFORMATION COMMUNICATION TECHNOLOGIES, KEY STAGE 4, YEAR 10, 2021-2022 | | | |
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| http://www.crc.ac.th/2015/CrcLogo/calendar_icon.png | http://www.krm.com/~/media/images/blog/posts/topics.jpg?mh=442&mw=692 | https://cdn0.iconfinder.com/data/icons/creative-process-2/200/vector_266_17-01-512.png  **Learning Objectives/Key Concepts** | C:\Users\Sigve\Pictures\Bilde2.jpg |
| Term 1 –  September – December | Types and components of computer system | * Know hardware and software * Know main components of computer systems * Know Operating systems * Types of computer * Input devices and their uses * Direct data entry and associated devices * Understood output devices and their uses * Identification of storage device, their associated media and their uses * The advantage and disadvantage of the storage devices | 11 |
| Networks and the effects of using them | * Networks(network devices, types of network, and using different types of computer to access the internet) * Network issues and communication(security issues and network communication) * Effects of IT on employment * Effects of IT on working patterns within organizations * Microprocessor-controlled devices in the home * Potential health problems related to the prolonged use of IT equipment | 14 |
| The effects of using IT | * Effects of IT on employment * Effects of IT on working patterns within organizations * Microprocessor-controlled devices in the home * Potential health problems related to the prolonged use of IT equipment | 15 |
| Term 2  January – March | ICT applications | * Understanding communication applications * Know data handling applications * Measurement applications * Microprocessors in control applications * Modelling applications * Applications in manufacturing industries * School management systems * Booking systems * Banking applications * Understand use of Computers, in libraries * Know expert systems * Computers in the retail industry * Recognition systems * Monitoring and tracking systems * Know satellite systems | 11 |
| The systems life cycle, safety and security | * Understand analyzing * Able to design * Development and testing * Understand Implementation, Documentation, Evaluation | 10 |
| Audience and communication | * Audience appreciation * Know Legal, moral, ethical and cultural appreciation * Communicating with other ICT users using email * Effective use of the internet | 9 |
| Term 3  April – June | File managemet;  Images;  Layout | * Managing files effectively * Reducing the file sizes for storage or transmission * Using software tools to position images * Using software tools to edit images * Using software tools to prepare a basic document to match the purpose and target audience * Using software tools to create headers and footers appropriately within of software packages | 12 |
| Styles, Proofing | * The use and purpose of a corporate house styles * Applying styles to ensure the consistency of presentation * Software tools * Proofing techniques | 12 |
| Graphs and charts | * Producing graphs or charts from given data * Learning to produce graphs or charts from given data. * Able to format text and organizing page layout. * Using software tools to edit table * Mail merging a document with a data source | 10 |
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