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| **PROGRAMME OVERVIEW (SYNOPSIS)** |
| **DIPLOMA IN ELECTRONIC ENGINEERING (COMMUNICATION)** covers broad discipline of electronics engineering, with specialization in communication technology. The programme is designed with a broad-based electrical and electronic engineering foundation which includes mathematics, electrical and electronic fundamentals, computer fundamentals and programming, communication system fundamentals, semiconductor devices, wiring installation and computer aided design which provides versatility to the graduates, while emphasizing the area of specialisation towards the end of the programme. The specialization courses include telephony, fibre optic communication, data communication, wireless communication and microwave devices.  Apart from the technical knowledge and skills, the programme also emphasizes on the development of the individual potential of students in an integrated and holistic manner through courses such as Islamic studies, moral studies, co-curriculum, softskills and entrepreneurship. |

**To:**

**Student’s supervisor**

**Herewith are list of the scope of work that our student expected from your organization. \*\*Please tick (√) if related.**

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| **Name** | | **:** |  | |
| **Matrix No.** | | **:** |  | |
| **NO** | **SCOPE OF WORK** | | | **\*\***  **(√)** |
| 1 | Telecommunication systems (modulation, transmission, radar, telephony, fiber optic and  communication) | | |  |
| 2 | Programming and computer systems | | |  |
| 3 | Wireless communication system | | |  |
| 4 | Cellular communication system | | |  |
| 5 | Data transmission and computer networks | | |  |
| 6 | Troubleshoot, repair and do maintenance work for electronics equipment with specialization in communications | | |  |
| 7 | Satellite | | |  |
| 8 | Electronic circuit simulation using software simulation | | |  |
| 9 | Programming microprocessor-based systems | | |  |
| 10 | Signal processing | | |  |
| 13 | Other related works: | | |  |
| **NO** | **FUNDAMENTAL SKILLS NEEDED** | | | **\*\***  **(√)** |
| 1 | Communication Skills | | |  |
| 2 | Technical Report Writing | | |  |
| 3 | Office/Workshop Management | | |  |
| 4 | Teamwork | | |  |
| 5 | Industrial Safety and Environmental Awareness | | |  |
| 6 | Entrepreneurship | | |  |

**Company’s Stamp**