

A. AVIATION SECTOR

S/N	NAME OF COURSES	Priority Level
1.	<ol style="list-style-type: none"> 1. Aircraft Maintenance management 2. Airframe & Power plant technician 3. Bachelor of Science in Aviation Management 4. BSc in Aeronautical Engineering 5. BSc in Aerospace Engineering 6. BSc in Aviation Operations with Commercial Pilot Training 7. BSc in Cabin Maintenance Technician 8. Mechanical Engineering 9. Metallic Structure Repair 	High
2.	<ol style="list-style-type: none"> 1. Bachelor/Master of Aviation Transport and Ground Handling Science 2. Bachelor/Masters of Science in Aviation Human Factors and Safety 3. Bachelor/Masters of Science in Aviation Security 4. Master of Science in Aviation Digital Technology Management 	Medium
3.	<ol style="list-style-type: none"> 1. Bachelor/Masters in Air and Space Law 2. Bachelor/Masters of Science in Aviation Business Administration 3. Bachelor/Masters in Aviation Cargo and Logistics Management 	Low

B. ICT SECTOR		
S/N	NAME OF COURSES	Priority Level
1.	<ol style="list-style-type: none"> 1. AgriTech and Digital Tools for Rural DevelopmentBSc in Aeronautical Engineering 2. Artificial Intelligence, Machine Learning, and Applications (GenAI, MLOps, CV, NLP) Mechanical Engineering 3. Business Intelligence, Data Visualization, and Reporting Tools. 4. Data Science, Analytics, and Data Engineering 5. User Experience (UX), UI Design, and Human-Computer Interaction 6. Digital Pedagogy and Instructional Design for Trainers 7. Embedded C & Microcontroller Programming 8. IoT Systems & Applications and Smart Devices 9. Quantum Computing (Fundamentals and Introductory Level) 10. Augmented Reality (AR), Virtual Reality (VR), and Mixed Reality 11. Smart Cities, Urban Tech, and Digital Twins 12. Digital Entrepreneurship and Innovation Management 13. Ethical AI, Tech Policy, and Responsible Innovation 14. Cybersecurity Governance and Compliance 15. Green IT, Sustainable Computing, and Environmental Tech 16. Digital Government Services and Public Innovation 17. Microelectronics, Semiconductor Design, and Fabrication Engineering 18. Bioinformatics and Computational Biology 19. AgriTech and Digital Tools for Rural Development 	High

	<ul style="list-style-type: none"> 20. Computational Experimentation & Simulation 21. Digital Hardware Prototyping & Rapid Fabrication 22. Standards & Regulatory Compliance in ICT R&D 23. IP & Research Commercialization 24. ICT Research Methods & Applied Statistics 25. Accessible ICT Design and Assistive Technology 26. IT Project & Product Management with Digital Innovation and Entrepreneurship 27. Robotics Engineering – design and deployment of physical robots, drones, autonomous vehicles 28. AI for Autonomous Decision-Making 29. Cloud Computing, DevOps, and Infrastructure as Code 30. Cybersecurity, Threat Intelligence, and Trust Systems 31. Database Management, Administration, and NoSQL 32. Digital Identity, Blockchain, and Trust Technologies 33. Software Engineering and Full Stack Development (Scalable & Secure) 34. Systems Analysis, Design, and Enterprise Architecture 35. Web and Mobile Application Development (Specialized & Advanced) 36. Satellite and Remote Sensing Sciences 37. Aerospace Engineering and Satellite Design 38. FinTech and Financial Software Development 39. Localization Engineering and Multilingual Tech Solutions 40. Bioinformatics, Computational Biology, and HealthTech 41. EdTech Platforms, LMS, and Digital Education Systems 42. GIS and Geospatial Technologies 43. Technical Writing and Communication for IT Professionals 	
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	<ul style="list-style-type: none"> 44. Network Engineering and Advanced Connectivity (5G, IoT Networks) 45. Wireless Communication Systems 46. Network Infrastructure Design and Optimization 47. Internet of Things (IoT) Networks and Protocols 48. Fiber Optic Communication and Transmission 49. Telecommunications Policy and Standards 50. Radio Frequency (RF) Engineering and Spectrum Management 51. Emerging Technologies in Telecom (6G, Satellite Internet) 52. Edge Computing, HPC, and Distributed Systems 	
2.	<ul style="list-style-type: none"> 1. Basic Computer Applications, IT Literacy, and Office Productivity 2. IT Support, Helpdesk, and Hardware Maintenance 	Medium

C. HEALTH SECTOR		
S/N	NAME OF COURSES	Priority Level
1	<ul style="list-style-type: none"> 1. Body Imaging 2. Bone marrow Transplantation 3. Clinical pharmacology 4. Gynecology oncology 5. Health Economics 6. Health Financing 7. Health Supply Chain management 8. Hemato-oncology Adult 9. Medical physiology 	High

	<ol style="list-style-type: none">10. Medical/Clinical Oncology11. Microbiology12. Molecular biology13. Musculoskeletal Radiology14. Neuroradiology15. Nuclear Imaging Technology16. Nuclear medicine17. Nuclear Medicine Engineer18. Nuclear Medicine Nursing19. Nuclear Medicine Physics20. Oncology nursing21. Oncology Nutrition22. Oncology Pharmacy23. Operative Dentistry and Endodontics24. Oral and maxillofacial surgery25. Parasitologist26. Pediatric hematology-oncology27. Periodontics and implantology28. Physiology29. Radiation Oncologist30. Specialized Nuclear Medicine Radiologists31. Sports & Exercise Medicine32. Stoma care nursing33. Surgical Oncology34. Toxicology35. Urooncology36. Vascular and interventional radiology37. Virology	
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	<ul style="list-style-type: none">38. Anesthesia Technician39. Anesthesiology40. Pediatric Anesthesiology41. Interventional cardiology (adult/pediatric)42. Audiologist43. Speech & Language Therapy44. Radiation Oncology Nurse45. Radiotherapy technician46. Medical Physics47. Dosimetry48. Radio-Pharmacy49. Radiation Hygiene50. Radiation Environmental Science51. Medical Imaging Technology52. Medical genetics53. Pharmacogenetics54. Clinical biochemistry55. Medical Informatics56. Health Data Engineering57. Health Data Science58. Health Business Intelligence Architecture59. Health IT Infrastructure Architecture60. Health AI Engineering61. Clinical research and trials62. Pharmacovigilance63. Bioinformatics / Computational Biology64. Biostatistics / Clinical Research65. Pharmacogenomics	
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	66. Pharmaceutical Sciences 67. Industrial Pharmacy 68. Proteomics & Metabolomics 69. Molecular Biology / Molecular Medicine 70. Gene Editing / Genomic Engineering 71. Immunotechnology 72. Medical Laboratory Science 73. Bioprocess Engineering / Industrial Biotechnology 74. Bioreactor Design & Optimization 75. Cell & Gene Therapy 76. Nanotechnology / Biomedical Engineering 77. Human anatomy 78. Cytology 79. Clinical Immunology 80. Cardiac Anesthesiology and Critical Care 81. Child & Adolescent Psychiatry 82. Biotech and Pharmaceutical Engineering 83. Genomic Data Science 84. Acute Care Surgery 85. Nuclear Medicine and Radiopharmaceutical Sciences 86. Medical Physics and Radiation Oncology 87. Accelerator and Imaging Technologies 88. Radiation Safety and Radiological Control 89. Entomology	
2	1. Cardiac surgery nursing 2. Breast Surgery 3. Urology 4. Pediatric Neurosurgery	Medium

	<ol style="list-style-type: none">5. Cardiac surgery nursing6. Breast Surgery7. Urology8. Pediatric Neurosurgery9. Spine Surgery10. Functional Neurosurgery11. Endovascular Neurosurgery12. Adult Pulmonology13. Endocrinology14. Rheumatology15. Dermatology16. Geriatrics17. Geriatric Pharmacy18. Hematology19. Nephrology20. Gastroenterology21. Histopathology22. Embryology23. Pediatric Dentistry24. Pediatric Gastroenterology25. Neurodevelopmental pediatrics26. Pediatric pulmonology27. Pediatric Rheumatology28. Pediatric Pharmacist29. Psychotherapy30. Neurology31. Pediatric Neurology32. Addiction psychiatry	
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	<ul style="list-style-type: none">33. Mental Health Pharmacy34. Emergency Medicine and Critical Care35. Adult Critical Care36. Pediatric Emergency and Critical Care37. Pain Medicine38. Emergency medicine pharmacy39. Critical care pharmacy40. Adult Cardiology41. Clinical Pathology42. Anatomical Pathology43. Forensic Medicine44. Forensic Pharmacy45. Reproductive endocrinology and Infertility46. Maternal Fetal Medicine47. Urogynecology48. Pediatric nursing49. Neonatal Pharmacy50. Neonatology nursing51. Medico-Legal Practice52. Pharmacoepidemiology53. Regulatory Pharmacy54. Cyber Security and Data protection (Health)55. Endocrine surgery56. Pediatric Cardiology57. Nephrology nursing58. Gastro-entero-Hepatology59. Diagnostic Radiology60. Radiochemistry and Chemical Technology	
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	61. Research Reactor Operations and Instrumentation	
3	<ol style="list-style-type: none"> 1. Biomedical Engineer 2. Clinical Psychology 3. Critical Care and Trauma Nursing 4. Dental Surgery 5. ENT Surgery 6. Health Education 7. Medical Surgical nursing 8. Neonatal & Perinatal Medicine 9. Ophthalmology 10. Orthotic/Prosthetic Technology 11. Pediatric Surgery 12. Perioperative nursing 13. Plastic Surgery 14. Psychiatry 	Low

D. PRIORITY COURSES IN NUCLEAR SCIENCE AND TECHNOLOGY

S/N	NAME OF COURSES	Priority Level
1	<ol style="list-style-type: none">1. Nuclear Engineering2. Instrumentation & Control for Nuclear Systems3. Nuclear Energy Systems and Operations4. Nuclear Safety and Emergency Preparedness5. Nuclear Economics6. Nuclear Policy, Ethics, and Communication7. Nuclear Physics and Technology8. Materials Science for Nuclear Applications9. Automated Control Systems for Nuclear Facilities	High
2	<ol style="list-style-type: none">1. Radiochemistry and Chemical Technology2. Research Reactor Operations and Instrumentation	Medium

E. INFRASTRUCTURE SECTOR

S/N	NAME OF COURSES	Priority Level
1	Transportation and Civil Engineering	High