# Areas of Research available for MPhil/Phd Degrees under different disciplines are listed below

**(The brief research proposal in the application should be prepared based on one of these research areas)**

1. Management social Sciences and Humanities

- Public Transport, Transport planning, Transport Policy, Aviation, Disaster Management
- Production, Education poverty
- Entrepreneurship & Marketing
- Public Transport, Sustainable Transport, Monitoring & Evaluation
- Labour Economics, Development Economics, International Trade
- Geography Environment, Climate change, Geo Politics
- Mental Health, Social Work
- Development Economics
- Communication, Philosophy

2. Law and related Disciplines

- Right to Environment
- Rights of Nature
- Earth Jurisprudence
- Environmental Law Principles
- Sustainable Development
- Legal Philosophy
- Public International Law
- Legal Anthropology
- Constitutional Law
- International Humanitarian Law
- History of International Law

3. Medicine and Allied Health Sciences

- Clinical Trials and New Therapies
- Head and Neck Cancer
- Hearing Loss and Audiology ·
- Medical Education & Career Guidance
- Medical Technology & Medical Imaging in Otolaryngology
- Quality of Life and Patient Outcomes
- Sino nasal Disorders and Surgery
- Swallowing Disorders (Dysphagia)
- Thyroid and Parathyroid Disorders
- Vertigo & vestibular Disorders
- Voice and
- Children including infants
- Nutrion
- Undernutrition, over-weight and obesity
- Childhood development and developmental disorders
- Social empowerment
- Education
- Childhood immunization
- Mental Health

- Biomedical engineering - devises on testing blood groups in humans, blood warming and rapid transfusion devises, blood component manufacturing and plasma separation.
- Molecular and genetics related to cancers
- Molecular and genetic research related to cancer
- Interested on Sports Medicine, NCD & Exercise Physiology related proposals.
- Neuro cognition and research related to other medical topics too
- Human Nutrition
- Dengue and Immunology
- Endocrine Physiology, Diabetes, life style modifications & areas of reproductive Physiology

## 4. Information Technology and Computer Sciences

- Instructional Designing, E-Learning,
- E-Governance
- Bio-Signal Interactive Virtual Reality, UX and UI Engineering, Distance Learning, Intelligent Transport Systems
- Health Informatics, Technology Enhanced Education, Cloud Computing, Block Chain Technology, Enterprise Systems,
- E- Government
- Natural Language Processing,
- High Performance Computing
- Ontological Modeling, Fuzzy Logic, Big Data Analytics, Machine Learning
- Digital Inclusion
- e- Governance
- Management Information System
- E-Marketing & Social Media
- Ontology Engineering / Chatbots / Computer Vision / NLP / Computerized Process Enforcement
- AI/ML for Wireless Communication, Indoor localization/navigation, AI/ML for IoT Applications.

## 5. Technology

- Biotechnology/Biomaterials
- Biomarkers for Kidney Injuries
- Embedded Systems
- Waste Water/ Solid Waste Treatment
- Mechanical Ventilation and Air Conditioning (MVAC)
- Occupational Safety and Ergonomics
- Concrete Technology
- Concrete Technology

## 6. Defence & Strategic Studies

- International Security
- Military History
- Geo-politics and South Asia
- Maritime Security

## 7. Engineering

## 8. Built Environmental and Spatial Sciences