

## HEC Identified Subjects and areas of Research

Some of strategically important subjects and areas of research are given below as a reference for the information of Public Sector Universities. If university is interested to develop faculty in any particular field or areas of research they can mention in the Performa.

Discipline	Subject / Specialization
<b>Agricultural Studies</b>	Breeding (conventional and biotechnological)/ multiplication / hybrid production of virus free, high quality fruits, vegetables, flowers, and medicinal plants.
	Development of stress tolerant (heat, cold, drought, salinity, water-logging, low nutrient) and climate resilient varieties especially of fruits, vegetables, flowers and medicinal plants.
	Development of varieties capable of substantially lowering soil pH.
	Post-harvest Management (storage, value addition, packaging, transportation) and marketing.
	Farm Mechanization (Precision Agriculture)
	Agriculture Policies
	Plant Protection (Insect-pests, Weeds & Plant diseases)
	Farm Management & Farming Systems
	Land & Water Conservation & Management
	<b>Bioplastic:</b> (b/c plastic is used in tunnel for mulching and also increase the value of wheat straw, rice straw etc)
	<b>Fodder for Animal:</b> (developed varieties with agronomic traits also with some special important minerals like Golden rice.
	<b>Vegetable Breeding:</b> ( very important field b/c mostly all the seed of vegetable are from foreign country and the imported varieties are susceptible to fungal diseases and viruses. 2ndly the issues is develop/focus on parthenocarpic varieties)
	<b>Date palm:</b> (Breeding or development of local varieties that are uniform in different character which help in their processing also resistance to biotic stresses.
<b>Veterinary Sciences</b>	<b>Plant breeding and Genetic:</b> ( Major focus on biometry and quantitative genetics now it's the main weak area)
	<b>Waste Management:</b> (Due to plastic waste it is necessary to manage it)
	<b>Weed Science:</b> ( control the weed by management without the use of herbicide e.g use different cropping pattern )
	Quality assurance, quality control, food safety and hygiene for livestock products
	Value addition in livestock products
	Reducing use of antibiotic in animal health management to enhance export of livestock products
	Value chain development and market linkages establishment
	Genetic improvement in livestock breeds
	Genetic adaptations to meet growing demands in livestock products
	Economical feed production using indigenous resources for efficient milk and meat production
	Improved feeding systems' adaptations at local livestock farmers
	New technological advancement in livestock feeding
	Rural / domestic poultry farming for enhanced socio-economic benefit of rural communities
	Improved livestock management practices for enhanced productivity
	Developing and implementing disease surveillance system
	Developing local economical and effective vaccines
	Developing standard disease handling protocols
Developing advanced clinical approaches to handle livestock diseases having major economic impact	
Strengthening field clinical services for animals	
Developing new methods of disease diagnostics through technological advancements	
Genetic modifications and use of molecular biological and biotechnological advancements in enhancing livestock productivity	

	Economic evaluation of livestock businesses
	Value chain and marketing models for livestock products.
	Human resource development and management for livestock businesses particularly for commercial sectors to enhance investments.
<b>Biological Sciences</b>	Mechanisms of intracellular membrane trafficking
	Biotechnology
	Microbiology
	Physiological regulation of the secretory pathway
	Regulation of cell motility and Subcellular imaging
	Biogenesis of organelles and membrane compartments
	Programmed cell death and Cell fate determination
	Embryonic development of multicellular animals
	Signal transduction and cytoskeletal organization
	Tissue morphogenesis and Gene regulatory networks
	Early embryo patterning
	Evolutionary developmental biology
	Genomes and genomics
<b>Medical Sciences</b>	Genomic sciences/ Personalized Genomic Medicine , Translational Medical science, Stem Cell Research, Cancer Epidemiology, Muscular Skeletal disorder, Regenerative medicine
	Medical Robotics, Genomics and Proteomics, Nano Medicines, Bio Sensors, Medical Apps
	Clinical and nursing Research, Bioinformatics & Medical Databases
<b>Arts &amp; Humanities</b>	Folklore, music, dance, puppetry, indigenous sports and festivals
	Promotion of indigenous craft and its development to boost cottage industry (wood craft, metal craft, ceramics, textiles, embroidery, musical instruments makings and jewelry).
	Community development
	Community awareness
	Development of infrastructure in the society
	Harmony in the different sects of the society
	Civic sense
	Media ethics and law
	Citizen responsible role
	Population education
	Philosophy of Law
	Focus on improving design education for communication, Industry (furniture, ceramics, shoe, knitwear, textile, carpet, Automobile and other gadgets)
	Role of Women in Media
Theatre crafts	
<b>Business Education</b>	Introduction of Doctorate in Business Administration.
	Entrepreneurship
	Operational Management
	Islamic Banking
	Venture Financing
	Franchising
	Brand Management Development
	Project Management
	Corporate Governance
	International Finance
	Supply Chain Management
Product designing	

## ENGINEERING & TECHNOLOGY

Serial No	Main Disciplines	Sub Disciplines
1	Energy Engineering	Energy Efficiency
2		Energy Services
3		Facilities Management
4		Plants Engineering
5		Alternative Energy Technologies
6		Environmental Compliance
7	Textile Engineering	Protective Textiles
8		Agro Textiles
9		Sports Textiles
10		Medical Textiles
11	Manufacturing Engineering	Process Engineering
12		Machines and Tools Engineering
13		Chips Design
14		Sports Manufacturing Engineering
15		Systems Engineering
16	Civil Engineering	Civil Engineering
17		Environmental Engineering
18		Hydraulic Engineering
19		Water Resource Engineering
20		Structural Engineering
21		Construction Engineering & Management
22		River Engineering
23		Transportation Engineering (Traffic, Highways, Railways)
24		Architectural Engineering
25		Urban & Regional Planning Management
26		Earthquake Engineering (Active & Passive)
27		Highway engineering
28		Clean Water & Environment Engineering
29		Land development engineering
30	Landscape engineering (Landscape Architecture)	
31	Mining Engineering	Mining Engineering
32		Minerals Engineering
33	Agriculture Engineering	Agricultural Engineering
34		Form Power and Machinery Engineering
35		Biological Materials Process Engineering
36		Food Engineering/ Food Process Engineering
37		Natural Resources Management
38	Mechanical Engineering	Mechanical engineering
39		Acoustical Engineering
40		Applied Mechanics
41		Thermal Engineering
42		Power Plants Engineering
43		Automotive engineering (Automotive Systems Engineering)
44	Petroleum & Gas Engineering	Drilling Engineering
45		Reservoir Engineering
46		Production Engineering
47		Petroleum & Gas Engineering
48	Aeronautics & Astronautics Engineering	Aircraft Design Engineering
49		Space Craft Design Engineering

50		Aerospace Engineering
51		Aerospace Sensors and Instrumentation
52		Aerospace Martials
53		Elect optics/Digital Signal Processing
54		Modeling & Simulation
55		Avionics Commination
56		Wireless Communication and Signals
57		Aeronautics & Astronautics
58		Aviation
59		Ground Control Systems
60	Environmental Engineering	Climate engineering
61		Ecological engineering
62	Industrial Engineering	Industrial Engineering
63		Engineering Economy
64		Engineering Management
65	Marine Engineering	Marine Engineering
66	Maritime Engineering	Maritime Engineering
67	Electrical Engineering	Electrical Engineering
68		Electronics Engineering
69		Power Engineering
70		Applied Optics
71		Electric Control Engineering
72		Microwave & Millimeter Wave Studies
73		Plasma Engineering
74		Acoustical Engineering
75		Photonics
76	Bio Engineering	Bio Engineering
77		Biochemical Engineering
78		Biological Engineering
79		Biomaterials Engineering
80		Forensic Engineering
81		Genetic Engineering
82		Human Genetic Engineering
83		Biomedical Engineering
84	Telecom Engineering	Telecom and Wireless Engineering
85	Nuclear Engineering	Nuclear Engineering
86	Chemical Engineering	Chemical Engineering
87	Metallurgy & Materials Engineering	Metallurgy
88		Composite Materials
89		Forensic Materials Engineering
90		Advanced Materials Engineering
91		Nano Materials/ Nano Technology
92	Meteorological Engineering	Engineering Meteorology
93	Geological Engineering	Geological Engineering
94		Geomatics Engineering
95		Engineering Geology
96		Geophysical Engineering
97	Computer Engineering	Computer Engineering
98	Robotics Engineering	Mechatronics
99		Robotics
100	Software Engineering	Software Engineering
101		Networks Engineering
102		Cloud Computing & Manufacturing
103	Engineering Education	Engineering Education & Research/ Innovation

Physical Sciences		
Serial No	Main Disciplines	Sub Disciplines
1	Physics	Physics
2	Physics	Astrophysics, Atmospheric physics, Computational, Materials, Particle, Plasma physics
3	Physics	Biomechanics, bio Photonics
4	Physics	Cosmology
5	Physics	Electromagnetism
6	Physics	Geophysics
7	Physics	Nano Technology
8	Physics	Vacuum Physics
9	Physics	Medical physics
10	Physics	Optics, Polymer physics, Solid state physics, Theoretical physics
11	Physics	Space Sciences
12	Physics	Physics Oceanography
13	Chemistry	Chemistry
14	Chemistry	Analytical Chemistry
15	Chemistry	Chemical Kinetics
16	Chemistry	Chemical Thermodynamics
17	Chemistry	Electrochemistry
18	Chemistry	Biochemistry, Physical Chemistry
19	Chemistry	Solar Energy Conversion
20	Chemistry	Thermochemistry
21	Computer Sciences	Computer Sciences
22	Computer Sciences	Algorithms and Computational Complexity
23	Computer Sciences	Applications of Artificial Intelligence
24	Computer Sciences	Computational Biology
25	Computer Sciences	Computational Neuroscience
26	Computer Sciences	Computer Graphics
27	Computer Sciences	Computer Systems
28	Computer Sciences	Data Mining
29	Computer Sciences	Data Visualization
30	Computer Sciences	Digital System Design
31	Computer Sciences	Distributed Systems
32	Computer Sciences	Hardware Design And Implementation
33	Computer Sciences	Introduction To Artificial Intelligence
34	Computer Sciences	Neurobotics
35	Computer Sciences	Parallel Algorithms, Grid Computing
36	Computer Sciences	Randomized Algorithms And Probabilistic Analysis
37	Computer Sciences	Software Engineering
38	Computer Sciences	Software For Embedded Systems

39	Computer Sciences	The Hardware/software Interface
40	Computer Sciences	Robotic Cryptography
41	Mathematics	Mathematics
42	Mathematics	Abstract Algebra
43	Mathematics	Analysis
44	Mathematics	Applied Mathematics
45	Mathematics	Classical Mechanics
46	Mathematics	Complex Analysis
47	Mathematics	Computational Geometry
48	Mathematics	Computer Algebra / Cryptology
49	Mathematics	Differential Geometry
50	Mathematics	Discrete Mathematics
51	Mathematics	Dynamical Systems
52	Mathematics	Fluid Dynamics
53	Mathematics	Fluid Mechanics
54	Mathematics	Industrial Mathematics
55	Mathematics	Linear & Nonlinear Programming
56	Mathematics	Linear and Matrix Algebra
57	Mathematics	Mathematical Biology
58	Mathematics	Modelling and Simulations
59	Mathematics	Multivariable Calculus
60	Mathematics	Numerical Analysis
61	Mathematics	Optimization Theory
62	Mathematics	Ordinary Differential Equations
63	Mathematics	Partial Differential Equations
64	Mathematics	Real Analysis
65	Mathematics	Topology
66	Mathematics	Trigonometry
67	Mathematics	Financial mathematics
68	Mathematics	Algebraic Geometry
69	Earth, Atmospheric and Planetary Sciences	Earth, Atmospheric and Planetary Sciences
70	Earth, Atmospheric and Planetary Sciences	Advanced Igneous Petrology
71	Earth, Atmospheric and Planetary Sciences	Analytical Techniques for Studying Environmental and Geologic Samples
72	Earth, Atmospheric and Planetary Sciences	Atmosphere, Ocean and Climate Dynamics
73	Earth, Atmospheric and Planetary Sciences	Atmospheric Chemistry
74	Earth, Atmospheric and Planetary Sciences	Atmospheric Physics and Chemistry
75	Earth, Atmospheric and Planetary Sciences	Atmospheric Radiation
76	Earth, Atmospheric and Planetary Sciences	Basics of Impact Cratering & Geological, Geophysical, Geochemical, Environmental Studies
77	Earth, Atmospheric and Planetary Sciences	Dynamics of Complex Systems: Biological and Environmental Coevolution Preceding the Cambrian Explosion

78	Earth, Atmospheric and Planetary Sciences	Environmental Earth Science
79	Earth, Atmospheric and Planetary Sciences	Field Geology I
80	Earth, Atmospheric and Planetary Sciences	Fluid Dynamics of the Atmosphere and Ocean
81	Earth, Atmospheric and Planetary Sciences	Geodynamics
82	Earth, Atmospheric and Planetary Sciences	Global Climate Change: Economics, Science, and Policy
83	Earth, Atmospheric and Planetary Sciences	Global Warming Science
84	Earth, Atmospheric and Planetary Sciences	GPS: Where Are You?
85	Earth, Atmospheric and Planetary Sciences	Introduction to Astronomy
86	Earth, Atmospheric and Planetary Sciences	Introduction to Geology
87	Earth, Atmospheric and Planetary Sciences	Introduction to Observational Physical Oceanography
88	Earth, Atmospheric and Planetary Sciences	Introduction to Seismology
89	Earth, Atmospheric and Planetary Sciences	Marine Chemistry
90	Earth, Atmospheric and Planetary Sciences	Modeling Environmental Complexity
91	Earth, Atmospheric and Planetary Sciences	Oral Communication in the Earth, Atmospheric, and Planetary Sciences
92	Earth, Atmospheric and Planetary Sciences	Petrology
93	Earth, Atmospheric and Planetary Sciences	Principles of the Global Positioning System
94	Earth, Atmospheric and Planetary Sciences	Sedimentary Geology
95	Earth, Atmospheric and Planetary Sciences	Structural Geology
96	Earth, Atmospheric and Planetary Sciences	Structure of Earth Materials
97	Earth, Atmospheric and Planetary Sciences	The Environment of the Earth's Surface
98	Earth, Atmospheric and Planetary Sciences	The Solar System
99	Earth, Atmospheric and Planetary Sciences	Thermodynamics for Geoscientists
100	Earth, Atmospheric and Planetary Sciences	Trace-Element Geochemistry
101	Earth, Atmospheric and Planetary Sciences	Turbulence in the Ocean and Atmosphere
102	Earth, Atmospheric and Planetary Sciences	Mountain Hydrology, National Disaster Management
103	Earth, Atmospheric and Planetary Sciences	Water Management
104	Earth, Atmospheric and Planetary Sciences	Dimension stone geology
105	Statistics	Statistics

106	Statistics	Algorithms for Inference, Inferential Statistics
107	Statistics	Applied Spatial Statistics
108	Statistics	Applied Statistics
109	Statistics	Data analysis
110	Statistics	Data and Models
111	Statistics	Data Mining and Analysis
112	Statistics	Data Mining and Machine Learning
113	Statistics	Data Mining: Finding the Data and Models that Create Value
114	Statistics	Decision Theory
115	Statistics	Econometrics
116	Statistics	Financial Models and Statistical Methods in Risk Management
117	Statistics	Information theory
118	Statistics	Introduction to Bayesian Analysis/Statistics
119	Statistics	Multivariate Statistics
120	Statistics	Nonparametric Statistics
121	Statistics	Probability and Statistics
122	Statistics	Reliability and Validity
123	Statistics	Statistical Method in Economics
124	Statistics	Stochastic Processes
125	Statistics	Time Series Analysis
126	Statistics	Sampling Analysis
127	Statistics	Actuarial Sciences
128	Statistics	Risk Analysis

<b>Social Sciences</b>	
<b>ANTHROPOLOGY</b>	Social & Public Policy
	Medical Anthropology for improved public health
	Civil Engagement in Higher Education
	Cyber Anthropology
	Visual Anthropology and advocacy
	Applied Anthropology
	Anthropology of Religion
	Development Anthropology
Using Anthropological lens to enhance the socio-economic conditions in Pakistan.	
<b>ARCHAEOLOGY</b>	Cultural Heritage Management
	Museums Management Studies
	Cultural heritage & Tourism in Pakistan
	Landscape / Settlement Archaeology
	Environmental Archaeology
	Field Archaeology
	Prehistory & Study of Inscriptions discovered from different archaeological sites of Pakistan



	Study of Civilizations (Stone ages in Pakistan, Indus Civilization & The Harappan Culture, Vedic Period & Gandhara Civilization, Muslim Civilization)
	Natural Sciences and Archaeology, Conservation, Zooarchaeology, Archaeobotany, Chemistry and Archaeology, Palenology, Forensic Archaeology.
	Promotion of Tourism: Archaeological Explorations and Excavations in Pakistan
<b>BEHAVIOR SCIENCES</b>	Rural and Remote Mental Health and related issues
	Group Dynamics and Functioning of communities (Issues, Problems, Strengths of Mountainous/Rural/Urban Societies)
	Globalization and Cultural identity
	Globalization and Development Rural Sociology
	Socio-Cultural Anthropology
	Clinical Psychology
	Counseling (Career)
<b>EDUCATION</b>	Education Policy, Planning and Management
	Assessment Practices and Evaluation at Different levels
	Technical and Vocational Education
	Professional Development, Approaches and Practices
	Education: Relevance and Equity
	Curriculum Development
	Global trends in education
	Comparative Education
	Teaching Pedagogics
	Quality and Equity in educational governance.
	Supporting schools through university-school partnership for STEM (Science, technology, engineering, math) education.
	Teaching Strategy related to learning, psychological needs of students.
	New trends in Assessment.
	Teachers subject content knowledge and professional development.
	Technological literacies in Teacher Education.
	A conceptual framework for developing university – industry relationship.
	Developing a model for academic entrepreneurship through university-industry partnership.
	Existing formative assessment practices; Development of formative assessment competencies among teachers of different levels.
	Re-engineering teacher education programs keeping in view the global trends in teacher education.
	Comparison of curricula of school and university education in Pakistan with curricula of developed countries.
	Promoting good citizenship competence in Pakistani students keeping in view the experiences of developed countries.
	Promoting national cohesion in national curriculum through consensus.
	Designing curriculum according to contextualized multiple intelligences for higher education level.
Developing curricula for global citizenship.	
Constructive instructional model for teaching at higher education level.	

	Stakeholders' perceptions about national standards for curriculum with reference to socio-economic needs of the country.
<b>GEOGRAPHY</b>	Impacts of Climate Change
	Sustainability and related issues
	Frequency of hazards and mitigation measures
	Climatology and Meteorology including paleoclimate studies
	Flood hazards modelling
	Urban Geography and Management Issues
	Land and water resource management in mountains and plain
	Water resources and temperature changes
	Frequency of floods and damages both in plain and mountainous areas
	Management of available resource at village level
	Impact of climate change on agriculture and water resources
<b>HISTORY</b>	Revisionist Approach to History Writing
	Issues on Governance / State Functioning
	Histography/ Philosophy of History
	Multi- disciplinary research focusing Pakistan
	Re-structuring of political ideology and system
	Regional history of the areas which are part of Pakistan
	Specialization on China, U.S and European History
	Sectarianism and National Integration in Pakistan: Search for a recipe of conciliation.
	Culture, ethnicity, movements, issues of governance and democracy.
	The British Motives behind not settling the fate of Princely States of India: A case study of the Jammu & Kashmir.
	Pakistan's relations with the major powers - cost and benefit analysis.
	A historical view of changing facets of Pakistan's role in the regional organizations.
	Socio-economic development in Pakistan: Learning from the past experiences.
	The element of trust deficit in Pak – US relations: Search for a recipe amidst ideological differences.
Creating an accommodative structure for legislature and politics.	
<b>INTERNATIONAL RELATIONS</b>	Conflict Resolution
	Terrorism and its Implications
	Challenges of Extremism, Sectarianism and Armed Violence
	Nuclear Issues and Non-Traditional Security
	Energy Security in Pakistan
	Pak-China Economic Corridor
	Regional and international Economic Cooperation
	Globalization and its impact on Local Culture
	International Political Economy
	International Law
	Pak-India Relations; Kashmir Issue, Glaciers and Water resources issues
	Central Asian Studies
	China and Gwadar Port

	Foreign Policy of Pakistan
	Forced Migration studies
	Community Conflicts
	Corruption and Accountability
	Emergence of ISIS in Middle East: Implications for South Asia.
	The War on Terror: Pukhtun culture and terrorism in FATA.
	Trust and Mistrust: A case of Pak-Afghan Relations.
	Global internal displacement: A case of Pakistan.
	Water Dispute between India and Pakistan.
	Civil Military Relationship: Implications for Democracy.
	Vibrant Judiciary, Challenges and Implications.
	Corruption and Accountability; Challenges for Governance.
	Middle Eastern Issues; Oil Politics and Security.
<b>JOURNALISM &amp; MASS COMMUNICATION</b>	Peace Journalism conflict sensitivity and promotion
	Technology, education and the role of media
	Globalization and its effects on media society
	Representing Pakistan in the Global Media
	Media, Policy making and Regulations Communication Ethics
	Health Communication
	Electronic Journalism
	Cultural and Intercultural Communication
	Development Support Communication
	Media and Governance
	Film analysis and Production
Advertising and Public Relations	
<b>LAW &amp; LEGISLATION</b>	Fundamental and International Human Rights
	International Trade and Economic Law
	Alternate Dispute Resolution (ADR)
	Legal Education System in Pakistan
	Judicial System in Pakistan and access to Justice
	Law Curriculum
	Law; Trade and Justice
	Intellectual Property Rights
	The Reformation in the Judicial System of Pakistan
	The Reformation of Legal Education System in Pakistan
	Economic assistance and international trade through legal and political empowerment
	Trade law and Intellectual Property - Implementation of UN Conventions and Obligations
Law Studies; Curriculum design as per indigenous needs	
<b>LIBRARY &amp; ARCHIVAL SCIENCES</b>	Digital Libraries & Networking
	Library Management
	Online usage of Library
<b>PHILOSOPHY</b>	Cognitive Sciences and Philosophy

	Philosophy of Religion/Comparative Study of Religion
	Muslim Modernist Thinkers
	Iqbal and Muslim Modernist Philosophy
	Ijtihad
	Human Rights, Ethics and Political Philosophy
	Feminist Philosophy of Pakistan
	Environmentalism
	Western Philosophy
	Epistemology
	Metaphysics
	Islam and the role of Reason
	Mind-Body dualism
	Environmental Ethics
<b>POLITICAL SCIENCE</b>	Peace and Conflict Resolution
	Political Integration and Social Harmony
	Radicalism, Extremism and Fundamentalism
	War & Security, Foreign Policy and Diplomacy
	Governance, leadership, Administrative Management and Corruption
	Democratization, Constitutional and Parliamentary affairs
	New Economic Trends, Political Economy and poverty
	Women Empowerment
	Changing Patter of Women Politics in Traditional Society: A Case Study of Khyber Pakhtunkhwa.
	FATA: Tribal Transformation in Pakistan- A Case Study of Mahsud Tribe.
<b>PHYCHOLOGY</b>	Psychology of peace and terrorism
	Attitude change in society
	Family Psychology & Counseling
	Community development
	Cross Cultural Psychology
	Emotional & behavioral Problems and development of children & adolescents and mothers
	Indigenous screening tests for abnormal behavior, employee selection & training
	Indigenous methods for treatment of psychological disorders
	Public acceptance of emerging technologies
	Learners with special needs/ mood disorders
	Stress management among senior citizens
	Organizational behavior of the employers and employees, Work engagement
	Personality development of adolescents
	Prevention and intervention strategies for psychopathology
	Employee Training & Development and conflict resolution in Teamwork
	Latest advance in measurement and Analysis f or psychology
	Behavioral Nano-sciences
	Gerontology
Agricultural Psychology	

	Environmental Psychology
	Sports Psychology
	Psychological impact of war and terror
	Internal displacement: incidence of depression
	Assessment of effectiveness of international plan for crisis situation
	Identification of population characteristics for psychological problems
	Curriculum: cognitive maturity
	Assessment of behavioral problem/adjusted problems of adolescents
	Development and validation of indigenous family therapy modules
	Psychological ownership, organizational commitment, and organizational performance in middle managers and project leaders
	Decision-making styles and acceptance of innovative technologies in small scale farmers of Pakistan
	Impact of loneliness and social relationships on the quality of life of senior citizens
	Assessment procedures for screening high school students with emotional and behavioral problems
	Water-conserving behaviors & strategies in water-scarce areas in Pakistan
	Role of rumination & forgiveness in Coronary heart diseases
	Public awareness and acceptance of Nano-products in Pakistan
	Development of non-verbal intelligence scale for adolescents
	Control of Crime Rates by Implementing Personality Traits
	Controlling Anxiety Level of Players
	Public Policy issues and Governance
	Development Studies
	E-Governance
	Theories of Governance
	Local and community models of development
	IDPs, war on terror, counter-radicalization
<b>RELIGIOUS STUDIES</b>	Approaches to the Study of Religion
	Management of Mosques, Trusts and Endowments
	Intra-Muslim Relation for Constructive Engagement
	The Impact of Globalization on Ethics
	Ethical Issues in Science and Technology
	Feministic Elements within Religion
	Comparative studies of Religions
	Interfaith Harmony
	Concept of Governance in Islam
	Revealed and non-Revealed Religions a comparative study
	Misunderstanding and its solution in the light of Shariah
	Religious Codes of Professional Ethics and Harassment at working place
	Success and failure of Islamic Banking
	Intertextuality of religious texts
	Study of religious through different approaches (Psychological, Social)
International Relations and religions	

	The Study of Islam in terms of Religion, Community and Civilization and its Global Interaction.
	The impact of religion on human behaviors during last ten years.
	Implementation of Islamic banking system.
	Need of Economic Justice.
	Tax System of Islam in the light of Pakistani Economic System.
	Study of Islamic Banking in Europe and Americas.
	Contemporary Issues and Challenges in the Muslim World.
	Islam and Pluralism.
	Postmodern Philosophy of Religion.
	A Comparative Study of Religious Ethics.
	The Study of Issues challenging the Credibility of Islam: Myths and Facts.
	Islamic Perspective of Gender Issues and Family Life.
	Our Economic System in the light of Islam: Implementation of Islamic teaching in the system.
	Religious Economic Introspective dialogue to explore the dimensions regarding religious Tolerance
<b>SOCIAL WORK</b>	Loopholes in the Welfare system of Pakistan
	Issues Pertaining to Criminal Justice
	Peace and Conflict
	Population Studies
	Development Studies
	Evolving Cultural based Conflict Resolution Strategies.
	Encouraging inter-faith dialogue in pluralistic society of Pakistan.
	Police Training on Counter Terrorism Strategies in Pakistan.
	The state of Child rights in Pakistan.
	Social Security System of Pakistan.
Rehabilitation of Offenders.	
<b>SOCIOLOGY</b>	Crime & criminality
	Sociology of Security
	Race, ethnicity and minority
	Over population & Management
	Gender inequalities in social life
	Public Health & Community Development
	Food insecurity
	Changing Family Pattern
	Youth and social problems
	Urban & Rural Sociology
	Political Sociology
	Social Demography
	Sociology of Mass Media
	Modern Sociology & Changing prospects
	Environmental Sociology
Sociology of Development	
Sociology of Environment	

	Road Safely in Pakistan
	Migration Studies
	Impacts of Militancy in war affected areas.
	Role of Mass Media in Bringing Social Change in Society.
	Cultural Problems and Nomadic Societies.
	Impacts of Population Movement and Economic Development.
	Social Welfare and Progressive Society.
	Causes and Consequences of over population.
	Urbanization: Causes and control strategies.
	Gender Issues Regarding Changing Family Pattern.
	Socio economic factors affecting material health care utilization.
	Impact of social teams' formation.
	Social inequality and its changing prospects.
	Social Construction of technological system.
	Road Accident and its socio-economic impact.
	Inheritance in Property: Gender Discrimination Practices
<b>Development Studies</b>	Equity and equality
	Dynamics of terrorism and extremist attitudes
	Dynamic of development and its inter-disciplinarily
	Dynamics of grass-roots level development
	Determinants of conflict
	Measurement of Poverty
	Multidimensional indicators
	Livelihood indexation
	Segregation of gender based data
	Gender sensitive planning and budgeting
	Environmental conservation
	Participation and social inclusion
	Advocacy and social mobilization
	Strategies for controlling population explosion
	Strategic implications of demographic trends in Pakistan
Assessing the socioeconomic and environmental factors for child nutritional status in Pakistan	
Anthropological approach to social equalities	
<b>Economics</b>	A. <b><u>Core Areas</u></b>
	· Macro Economics
	· Micro Economics
	· Econometrics
	B. <b><u>Specialized Subjects</u></b>
	· Development Economics
	· Monetary Economics
	· International Economics
	· Public Economics/ Public Finance
	· Labor Economics
· Financial Economics	

**C. Policy Areas**

· Agriculture Economics

· Economics of Water Resources

· Energy Economics

· Institutional Economics

· Economics of Education

· Industrial Economics

The members of the Economics group after through deliberation has identified following specific areas of research in Economics:

· Energy Pricing, Energy Demands/Supply, Alternative Energy Sources Sustainable.

· Development Goals (SDGs), related Areas.

· Agricultural productivity/pricing/food security.

· Revenue generation, expenditure rationalization, NFC award.

· Human capital development.

· Economic and strategic benefits of CPEC to Pakistan.

· Trans boundary issues relating to water distribution in Pakistan.

· Transactional Cost and its impact on agricultural markets.

· Effects of structural transformation on growth and poverty alleviation.

· Poverty alleviation through human and social capital.

· Impact of social entrepreneurship on poverty alleviation.