



Interdisciplinary Research Groups			
Faculty of Information Technology & Computer Science (FOIT&CS)			
Sr. No.	Name of Research Group	Group Members	Research Area of the Group
1.	Center for Applied Data Analytics (CADA)	<ol style="list-style-type: none">1. Dr. Muhammad Sarwar Ehsan (Group Lead) adean.foit@ucp.edu.pk2. Dr. Imran Arshad Choudhary (Co-Lead)3. Mr. Awais Muhammad Lodhi.4. Mr. Numan Aslam.5. Mr. Tayyab Mir6. Ms. Amna Islam7. Ms. Laiqa Imran8. Mr. Bilal Ashfaq9. Ms. Ramsha Saeed10. Mr. Shahbaz Ali11. Mr. Nabeel Khalid	Deep Neural Networks (DNN), Convolutional Neural Networks (CNN), Computer Vision, and Image Processing Data Analytics Medical Machine Learning, Industrial Computer Vision
2.	Adaptive Learning	<ol style="list-style-type: none">1. Prof. Dr. Ahmad Shabbar Kazmi (Group Lead) ahmad.kazmi@ucp.edu.pk2. Mr. Mohsin Abbas (Co-Lead)3. Mr. Mustafa Hassan	Adaptive Learning
3.	Cognitive Robotics Group	<ol style="list-style-type: none">1. Dr. Syed Tanweer Shah Bukhari (Group Lead) tanweer.shah@ucp.edu.pk2. Dr. Kashif Nasr (Co-Lead)3. Mr. Imran Ahmad4. Mr. Zain Asghar5. Mr. Babar Hameed6. Dr. Abbas Khalid7. Dr. Faiqa Yaseen	Psychology Wireless Sensor Networks, IoT, Data Science Cognitive robotics Cognitive Robotics Machine Learning and IoT Deep Learning
4.	People Centered Technology (PCT)	<ol style="list-style-type: none">1. Dr. Naveed Hussain (Group Lead,) Dr.NaveedHussain@ucp.edu.pk2. Dr. Mahfooz ul Haque (Co-Lead)3. Dr. Ali Saeed4. Mr. Taimoor Hassan5. Mr. Usman Ahmad	People Centered Technology (PCT)



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5.	The Innovators' Nexus: Advancing Frontiers in Science and Technology	<ol style="list-style-type: none">1. Dr. Rabia Tehseen (Lead) rubabjavid@ucp.edu.pk2. Dr. Mohsin Ashraf (Co-Lead)3. Dr. Mohsin Ashraf4. Dr. Kashif Nasr5. Dr. Anam Mustaqeem6. Ms. Maham Mehr7. Ms. Rubab Javed8. Ms. Madiha Yousaf9. Ms. Ayesha Zaheer	Data Science, IoT Machine learning Machine learning, Deep Learning, Federated Learning, Blockchain, Disaster prediction, LLM, Water resource management Deep Learning Machine learning
6.	Computational Intelligence	<ol style="list-style-type: none">1. Dr. Muhammad Adnan Aziz (Group Lead) m.adnanaziz@ucp.edu.pk2. Mr. Asif Farooq (Co-Lead)3. Mr. Usman Amir4. Mr. Jawad Hassan	Computational Intelligence



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7.	Center for Emerging Network Technologies (CENT)	<ol style="list-style-type: none"> 1. Mr. Ahmad Arsalan (Group Lead, ahmad.arslan@ucp.edu.pk) 2. Ms. Zupash Awais 3. Ms. Sadia Aslam 4. Mr. Muhammad Zulkifl Hasan 	IOT , cyber security Internet of Things, Computer Network, Wireless Communication, Artificial Intelligence Machine Learning AI
Faculty of Science & Technology (FOST)			
Department of Basic and Applied Chemistry			
1.	Pharmaco-Molecular Research and Innovation Group	<ol style="list-style-type: none"> 1. Dr. Amina Arif (Lead) dr.amina@ucp.edu.pk 2. Dr. Sumera Zaib 3. Dr. Shafiq-ur-Rehman 4. Dr. Muhammad Riaz 5. Dr. Muhammad Perviaz 6. Dr. Momal Akram 	Green Chemistry, Nano materials PharmacoMolecular Research and innovation group Drug Design and discovery Industrial products development Clinical Biochemistry Quantum Dots, Energy & Computational Chemistry
Department of Food Sciences			
3.	Applied Biosciences & Green Innovation (ABGI)	<ol style="list-style-type: none"> 1. Dr Kanza Aziz Awan (Group Lead) kanza.aziz@ucp.edu.pk 2. Dr Muhammad Akhtar 3. Waleed Sultan 	Safe Handling of food and value addition of food Cryptography, IoT Food Technology Functional Foods and Nutraceuticals
Department of Biotechnology			
4.	Applied Biosciences & Green Innovation (ABGI)-FOST	<ol style="list-style-type: none"> 1. Prof. Dr. Muhammad Naveed (Lead) dr.naveed@ucp.edu.pk 2. Dr. Muhammad Zaman 3. Dr. Hira Mubeen 4. Dr. Muhammad Rayees Ahmad 5. Muhammad Rehan Saleem 	Biotechnology, Genetic engineering and Bioinformatics Multi Criteria Decision Making Pharmaceutical and biotechnological research Bioinformatics and Artificial Neural Networks
Department of Microbiology			
5.	Wound healing products	<ol style="list-style-type: none"> 1. Dr. Madiha Khan (Lead) madiha.khan@ucp.edu.pk 2. Dr. Hira Mubeen 3. Dr. Muhammad Imran Sajid 4. Prof. Dr. Ghulam Murtaza 5. Dr. Huma Hameed 	Health Biotechnology, diagnostics and Bioinformatics Antimicrobial compounds
6.	AgroDetox Alliance	<ol style="list-style-type: none"> 1. Dr Aatif Amin (Group Lead) aatif.amin@ucp.edu.pk 2. Dr Mohsin Gulzar 3. Mr. Irfan Naseer 4. Mr. Ali Narang 	Environmental Microbiology



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7.	Smart Cancer Diagnosis and Prognostics	<ol style="list-style-type: none">1. Dr. Namrah Anwar (Group Lead) namrah.anwar@ucp.edu.pk2. Mr. Usman Aamer3. Dr. Kashif Asghar4. Dr. Rida Rashid	Cancer Biology/ Cancer Diagnostics
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Faculty of Engineering (FOE)			
Electrical Engineering			
1.	Energy Efficient Electrical Systems (E3S) SDG: 7, 13	1. Dr. Ali Ahmad (Group Lead) ali.ahmad@ucp.edu.pk 2. Dr. Rana Riaz 3. Amir Hayat 4. Imran Haider	Power and Control (Electricity Market Operations, Power Quality, Energy Quality, Power Economics) Renewable Energy, Artificial Intelligence, Power Analysis, Wind Energy Renewable Energy
2.	Space Technology Research Group (STRG) SDG: 9, 11/Multidisciplinary	1. Dr. Kamran Saleem (Group Lead) kamran.saleem@ucp.edu.pk 2. Waleed Afzal 3. Danial Babar 4. Maman Ali	Space Technology Deep Learning, Computer Vision, Astronomy
3.	Robotics and Intelligent IoT Research Group	1. Dr. Fesal Toosy (Group Lead) fesal@ucp.edu.pk 2. Jalil Asghar Mirza 3. Nabeel Khalid 4. Jawad Khalid Qureshi	IoT, Audio Signal Processing
Mechanical Engineering			
6.	Water Resources	1. Dr. Muhammad Babur (Group Lead) m.babur@ucp.edu.pk 2. Engr. Hafiz Aiman Jamshaid 3. Engr. Muhammad Shahzad Ashraf	Water Resources
Faculty of Management Sciences (FOMS)			
IT & General Courses			
1.	Economics and Data Science	1. Dr. Zahid Ahmed (Lead) drzahid@ucp.edu.pk 2. Dr Ahmed Faisal Siddique 3. Dr. Kanwal Zahra 4. Dr. Tasneem Akhtar 5. Dr. Ghulam Saghir 6. Numan Yaqoob 7. Salman Tarique	Econometrics Economics



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Department of Management and Entrepreneurship		
2. Leadership and Organizational Behavior	1. Dr. Salman Iqbal (Group Lead) 2. salman.iqbal@ucp.edu.pk 3. Mr. Zeeshan Ahmed 4. Dr. Aqeel Ahmed 5. Dr. Arshia Hashmi 6. Dr. Waqar Ahmed 7. Dr. Muhammad Akmal Pasha 8. Dr. Muhammad Farooq Tariq Butt 9. Dr. Muhammad Shahid Mehmood 10. Dr. Ramsha Naeem 11. Dr. Abdul karim 12. Ms. Aneeza Azam 13. Ms. Faiza Akhtar 14. Ms. Madiha Hamid 15. Dr. Ali Raza 16. Ms. Sameia Farhat 17. Ms. Shafaq Aftab 18. Mr. Kazim Ali 19. Ms. Nahan Iqbal 20. Mr. Muhammad Ali 21. Ms. Madiha Bint e Riaz	HRM Organizational Behaviour and Human Resource Leadership, Innovation, Team mechanisms, HRM Human resource development Organizational Behavior OB and HR Learning organization, Leadership Leadership and management OB Knowledge sharing
3. Strategy and Organizational Development	1. Dr. Sami Ullah (Group Lead) dr.samiullah@ucp.edu.pk 2. Ms. Rabia Shahzadi 3. Dr. Abdul Waheed 4. Dr. Nadeem Dogar 5. Dr. Talha Zubair 6. Dr. Jawad Abbas 7. Dr. Syed Amjad Hussain 8. Dr. Aitzaz Khurshid 9. Ms. Mahpara Shah 10. Dr. M. Ahmed Butt 11. Dr. Arshia Hashmi	BUSINESS STRATEGY, FAMILY BUSINESSES Leadership, Innovation, Team mechanisms, HRM Business strategy for sustainable development Entrepreneurship & innovation



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4. Entrepreneurship and Sustainability	<ol style="list-style-type: none">1. Dr. Talha Zubair Ahmed Khan (Group Lead) talha.zubair@ucp.edu.pk2. Ms. Sidra Nasreem3. Dr. Muhammad Shahid Mehmood4. Dr. Irfan Saddique5. Dr. Sami Ullah6. Dr. Shahzad Hanif7. Dr. Amina Rizwan8. Dr. Kashif Ali9. Ms. Asma Tariq10. Dr. Waqas Zaki11. Dr. Ali Raza	Servitization, Industry 5.0 & 4.0, Quality management, Circular Economy Family business Green entrepreneurship Entrepreneurship Entrepreneurship and Innovation Strategic Management
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Faculty of Pharmaceutical Sciences (FOPS)			
1.	SPARK – Synergistic Pharmaceutical and Research Knowledge	1. Prof. Dr Mahtab Ahmad Khan (group Lead) dean.fop@ucp.edu.pk 2. Dr Imtiaz Majeed 3. Dr Faheem Ahmad Siddique 4. Dr Ghulam Jilani Khan 5. Dr Umer Farooq 6. Dr Ali Akhtar 7. Dr Muhammad Zaman External Members: 1. Prof. Dr Javed Iqbal Professor/FOST 2. Dr Omer Salman Qureshi Associate Professor (Pharmaceutics)/FC 3. Dr Waqar Aman Associate Professor (Pharmaceutical Chemistry) AJMT 4. Dr Ali Shrif Assistant Professor (Pharmacology) LCWU 5. Dr Waqar Mustafa Assistant Professor (Pharmacy Practice)/ FC	Pharmaceutical Sciences, Nanotechnology, Neuropharmacology, Ethnopharmacology, Pharmaceutical Analysis, Pharmaceutical Chemistry
Faculty of Humanities & Social Sciences (FHSS)			
1.	Cognitive & Behavioral Studies Lab (CBSL)	1. Dr. Shazia Hasan (Lead) 2. Dr. Alia Asmat 3. Dr. Bushra Naz	Clinical Psychology Clinical psychology
2.	International Political Economy & Policy Group (IPEP)	1. Dr. Arslan Tariq Rana (Lead) arslan.rana@ucp.edu.pk 2. Dr. Waheed Khan 3. Dr. Shahzad Akhtar 4. Ms. Arooj Fatima Daha	International Relations Economics
3.	Applied Economics & Development Research	1. Dr. Arslan Tariq Rana (Lead) 2. Dr. Sidra Mariyam 3. Ms. Ume-Farwa	Economics



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	Unit (AEDRU)		
Faculty of Media & Mass Communication (FMCC)			
1.	Media-Driven Innovation & Outreach Network (MDION)	1. Dr. Fawad Baig (Lead) Dean.FMCC@ucp.edu.pk 2. Ms. Sadia Zia 3. Dr. Atif Ashraf 4. Dr. Sadaf Zahra 5. Ms. Ashbeelah Ali Shafaqat 6. Mr. Omer Saeed Qureshi	Health Biotechnology Environmental communication, Advertising and PR Media and Social Impact Political Communication Journalism Practice Media and Communication
Faculty of Languages & Literature (FLL)			
1.	Texts, Contexts, and Cultures (TCC)	1. Dr. Muhammad Safdar (Group Lead) muhammad.safdar@ucp.edu.pk 2. Dr. Fehmida Sultana 3. Ayesha Rafiq 4. Wafa Haider 5. Tahoor Ali 6. Omaira Line 7. Amna Naeem	Identity formation - Culture- Religion Literature Creative Writing Literature Pakistani literature



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		8. Noor ur Rehman 9. Ahsan Naeem 10. Usama Mushtaq	
2.	Language, Discourse, and Society (LDS)	1. Dr. Tahir Saleem (Group Lead) tahir.saleem@ucp.edu.pk 2. Dr. Aslam 3. Dr. Baber 4. Dr. Farhat Abdullah 5. Fahad 6. Rabia Batool 7. Asma Sharif 8. Shumaila Ahmed	(Morphology) Linguistics Linguistics Comparative Morphology and Generative Syntax; Discourse Studies Linguistics Linguistics & AI Morphology (Linguistics) Eco-dystopia Linguistics Discourse CDA Discourse, Gender, and the Sociology of Text Translations.
3.	Pedagogy, Technology, and Praxis (PTP)	1. Dr. Habib Qazi (Group Lead) 2. dir.elc@ucp.edu.pk 3. Faiza Tanzeem 4. Tayyaba Rana 5. Rukhshanda 6. Irfana Kuwar	Pragmatics South Asian Anglophone Literature & Trauma English Language Teaching and Corpus Linguistics Critical Discourse Analysis Linguistics Linguistics Discourse Studies, Socio-linguistics, ELT Language and Linguistics
4.	Emerging Trends in Literary Research	1. Dr Beenish Masood (Lead) 2. Ms Faiza Ghulam Nabi 3. Ms Habiba Khatoon 4. Ms Huma Rauf 5. Mr Muhammad Shahid 6. Ms Rabia Batool 7. Ms Rakhshanda Furnaz 8. Ms Saima Naeem 9. Ms Sheba Rose Sultan 10. Dr. Aisha Saleem 11. Ms Zainab Samee 12. Mr Rashid Hussain	English Literature Literature Eco-criticism, Eco-feminism, gender studies, urban studies Film trauma