

**Pakistan Science Foundation  
Islamabad**

\*\*\*

**List of Projects Jointly Approved For Funding (PSF-TUBITAK 3<sup>rd</sup> Joint Call)**

Sr. No.	Project Title	Name, Designation, and Organization of Pakistani PI	Name, Designation, Organization of Turkish PI
1.	PVDF (vinylidene fluoride) based polymers in Healthcare Devices for Wearable Sensor Application	Dr. Ghulam Hassnain Jaffari Assistant Professor Physics Quaid-i-Azam University Islamabad	Prof. Dr. Musa Mutlu Can Istanbul University
2.	An Investigation of Environmentally Friendly Na-Ion Electrode Materials And Their Battery Performance	Dr. Muhammad Arshad SSO Nan science & Technology Department Pakistan National Centre for Physics, Quaid-i-Azam University Campus Islamabad.	Prof. Dr. Serdar ALTIN Inonu University
3.	Innovative Biodegradable Zinc Based Materials and Implants for Pediatric Orthopedic Applications	Dr. Farasat Iqbal IRCBM, COMSATS University	Dr. Hakan YILMAZER Yildiz Technical University
4.	Translating Smart Design V-Patch for Vesicovaginal Fistula Repair: Bench-top to Clinical Application	Dr. Muhammed Yar Pakistan Interdisciplinary Research Center in Biomedical Materials, COMSATS University Islamabad Lahore Campus Academia	Dr. Naside Mangir Hacettepe University
5.	2D Material Based Flexible Li-Ion Batteries for Robust and Wearable Electronics	Dr. Shumaila Karamat COMSATS University Islamabad	Prof. Dr. Ahmet Oral Middle East Technical University
6.	Better Bones Regeneration – Development of Osteogenic Bioceramics Reinforced Tri-layer Electrospun Fibers	Dr. Hamad Khalid (PhD) COMSATS University Lahore Campus	Dr. Mustafa Özgür Öteyaka Eskişehir Osmangazi University

7.	Energy Storage Through Carbon Dioxide Conversion to Methanol	Prof. Dr. Muhammad Rashid Usman Professor Institute of Chemical Engineering & Technology University of the Punjab, Laore	Assoc. Prof. Tahsin Bahar TUBITAK Marmara Research Center- Energy Institute
8.	Energy Storing, Lighter And Stronger Textiles based on $\text{Li}_{1.2}\text{Mn}_{0.54}\text{Ni}_{0.13}\text{Co}_{0.13}\text{O}_2/\text{C}/\text{Ag}$ Coated Yarn (cathode) and rGO/Unzipped MWCNTs Yarn (anode)	Dr. Hamid Latif Associate Professor Pakistan Forman Christian College (FCC) (A Chartered University), Lahore	Assoc. Prof. Semih Afyon Gebze Technical University
9.	Artificial Intelligence Based Portable Microscopic Urine Sediment Analysis System	Dr. Muhammad Hanif Associate Professor Ghulam Ishaq Khan Institute of Engineering Sciences and Technology Topi, Swabi	Assoc.Prof. Hamdi Melih Saraoğlu Cezeri Teknoloji Sanayi Ticaret Limited Şirketi