

Lampiran. Daftar Nama Penerima Pendanaan Program Penelitian Kemitraan ITS dan NTUST Tahun 2024

No	Nama Ketua	Departemen	Fakultas	Judul Penelitian
1	Prof. Dr. Ir. Heru Setyawan, M.Eng.	Teknik Kimia	Fakultas Teknologi Industri dan Rekayasa Sistem	Fabricating A Robust Oxygen-Reactions Catalyst through A Prussian Blue Analogue Derived High Entropy Alloy Dispersed on Biomass-Derived N-doped Carbon Matrix for Rechargeable Zn-Air Batteries
2	Grasianto, S.Pd., M.Sc., Ph.D.	Kimia	Fakultas Sains dan Analitika Data	A 3D-Printed Nanocrystal-Enhanced Paper-Based Analytical Device for Simple, Robust, and Highly Sensitive Heavy Metal Ion Detection in Mining Environments
3	Prof. Setiyo Gunawan, S.T., Ph.D.	Teknik Kimia	Fakultas Teknologi Industri dan Rekayasa Sistem	Experiment and modeling for the triglycerides production from crude palm oil
4	Dr.Eng. Januarti Jaya Ekaputri, S.T., M.T.	Teknik Sipil	Fakultas Teknik Sipil, Perencanaan, dan Kebumihan	Utilization of Wood Ash in Sustainable Production of Construction and Building Materials
5	Amaliya Rasyida, S.T., M.Sc.	Teknik Material dan Metalurgi	Fakultas Teknologi Industri dan Rekayasa Sistem	Synthesize and Characterization of Biopolymer-based Collagen as a Scaffold in Ear Reconstruction Procedures for Microtia Sufferers
6	Agus Muhamad Hatta, S.T., M.Si., Ph.D.	Teknik Fisika	Fakultas Teknologi Industri dan Rekayasa Sistem	Development of Optical Fiber Sensors for Vibration and Landslide Monitoring
7	Yusuf Pradesar, S.T., M.T., M.Sc., Ph.D.	Teknik Material dan Metalurgi	Fakultas Teknologi Industri dan Rekayasa Sistem	Modification of Metal Catalyst and Carbon Support to Improve Catalyst Performance in Proton Exchange Membrane Fuel Cell Applications
8	Mokhamad Nur Cahyadi, S.T., M.Sc., Ph.D.	Teknik Geomatika	Fakultas Teknik Sipil, Perencanaan, dan Kebumihan	Analysis of the use of Fusing Multi-Modality Information for Land Use Identification on LiDAR-Camera-GNSS Mobile Mapping Data
9	Prof. Erma Suryani, S.T., M.T., Ph.D.	Sistem Informasi	Fakultas Teknologi Elektro dan Informatika Cerdas	Assessing the Impacts of Government Support for Electric Cars and Energy Storage Systems on the Economy and the Environment: An Analytical Approach Using System Dynamics
10	Dr.Eng. Imam Wahyudi Farid, S.T., M.T.	Teknik Elektro Otomasi	Fakultas Vokasi	ESG Friendly Infrastructure Using AIoT Based Paradigm
11	Bagus Jati Santoso, S.Kom., Ph.D.	Teknik Informatika	Fakultas Teknologi Elektro dan Informatika Cerdas	Optimizing Transactional Privacy and Regulatory Compliance in Decentralized Finance using Machine Learning Approach and Hyperledger Fabric
12	Dr. Adhi Dharma Wibawa, S.T., M.T.	Teknologi Kedokteran	Fakultas Kedokteran dan Kesehatan	Leveraging Fragmented Emotion Recognition EEG Data for Cross Domain Utilization via Privacy Preserving Federated Learning