

# JSPS Postdoctoral Fellowship for Overseas Researcher

## FY 2021 Kyushu

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
JOTHI, J.  BANGLADESH	Modeling and optimization of UV-C treatment to extend shelf life of citrus fruit by CFD	Kyushu University TANAKA, Fumihiko Professor Faculty of Agriculture	Mar 29, 2022~ Mar 28, 2024	Kyushu Fukuoka
PAL, A.  BANGLADESH	Hexagonal-boron nitride and ionic liquid doped hybrid adsorbent for heat transformation applications	Kyushu University SAHA, Bidyut Professor International Institute for Carbon-Neutral Energy Research	Sep 15, 2021~ Sep 14, 2023	Kyushu Fukuoka
RAHMAN, M.  BANGLADESH	Development of Ionic Liquid based Liposome system and application in siRNA delivery for COVID-19	Kyushu University GOTO, Masahiro Professor Faculty of Engineering	Apr 1, 2021~ Mar 31, 2023	Kyushu Fukuoka
SUMON, K.  BANGLADESH	Unravelling role of microplastics as vector for COVID-19 associated pharmaceuticals products	Kyushu University OSHIMA, Yuji Professor Faculty of Agriculture	Oct 1, 2031~ Sep 30, 2033	Kyushu Fukuoka
CHAGNON-LESSARD, N.  CANADA	Smart control system for improving vaccine storage in ULT freezers with IoT and machine learning	Kyushu University MIYAZAKI, Takahiko Professor Faculty of Engineering Sciences	Aug 16, 2031~ Feb 15, 2033	Kyushu Fukuoka
CHENG, L.  CHINA	Study on food factors preventing dementia pathogenesis	Kyushu University MATSUI, Toshiro Professor Faculty of Agriculture	Oct 1, 2021~ Sep 30, 2023	Kyushu Fukuoka
HAN, J.  CHINA	Development of solid-state photon upconversion system using plasmonic nanointerfaces	Kyushu University FUJIKAWA, Shigenori Professor International Institute for Carbon-Neutral Energy Research	Nov 30, 2021~ Nov 29, 2023	Kyushu Fukuoka
SHAO, C.  CHINA	Toward Ubiquitous Connectivity via Unlicensed LPWANs	Kyushu University MUTA, Osamu Associate Professor Center for Japan-Egypt Cooperation in Science and Technology	Apr 1, 2021~ Mar 31, 2023	Kyushu Fukuoka

SHEN, C.    CHINA	Novel frame for pandemic control by mathematical epidemiology coupled with evolutionary game theory	Kyushu University TANIMOTO, Jun Professor Faculty of Engineering Sciences	Nov 30, 2021~ Nov 29, 2023	Kyushu Fukuoka
XIE, S.    CHINA	Bismuth titanate-based high temperature piezoceramics: Domain structure and polarization dynamics	Kyushu University CHEN, Qiang Professor Faculty of Engineering	Aug 1, 2021~ Jul 31, 2023	Kyushu Fukuoka
ALI, M. A.    EGYPT	High Efficiency WPT System Using Hybrid Metasurface and Reactive Impedance Surface	Kyushu University POKHAREL, Ramesh Professor Faculty of Information Science and Electrical Engineering	May 13, 2031~ May 12, 2033	Kyushu Fukuoka
MUHAMMAD, M. S.    EGYPT	Monitoring and Prediction of Land Use and Land Cover Change Using Remote Sensing and Deep Learning	Kyushu University TSURUSAKI, Naoki Associate Professor Faculty of Human-Environment Studies	Jun 15, 2021~ Jun 14, 2023	Kyushu Fukuoka
PAPADOPOULOS, I.    GREECE	Development and characterization of self-assembly-assisted singlet fission systems	Kyushu University KIMIZUKA, Nobuo Professor Faculty of Engineering	Nov 30, 2021~ Nov 29, 2023	Kyushu Fukuoka
FAJAR, A. T.    INDONESIA	Metal extraction using biocompatible ionic liquid system assisted by machine learning	Kyushu University GOTO, Masahiro Professor Faculty of Engineering	Oct 1, 2021~ Sep 30, 2023	Kyushu Fukuoka
KONIDENA, R. K.    INDIA	Stable and Efficient Full-Color Multi-Resonance Thermally Activated Delayed Fluorescence Emitters	Kyushu University YASUDA, Takuma Professor INAMORI Frontier Research Center	Sep 1, 2021~ Aug 31, 2023	Kyushu Fukuoka
PARMAR, B. J.    INDIA	Creation of MOFs upconverting near-infrared light to visible light	Kyushu University YANAI, Nobuhiro Associate Professor Faculty of Engineering	Nov 30, 2021~ Nov 29, 2023	Kyushu Fukuoka
ROY, B.    INDIA	Highly efficient photon upconversion at ultralow excitation intensity	Kyushu University YANAI, Nobuhiro Associate Professor Faculty of Engineering	Aug 16, 2021~ Aug 15, 2023	Kyushu Fukuoka

SHENOY, S.  INDIA	Chemical design and DFT approach of heterojunction photocatalysts for CO2 reduction	Kyushu University SASAKI, Keiko Professor Faculty of Engineering	Nov 1, 2021~ Oct 31, 2023	Kyushu Fukuoka
KIM, H.  KOREA (REP. OF KOREA)	Development of innovative delayed fluorescence materials enabling ultra-narrowband emissions	Kyushu University YASUDA, Takuma Professor INAMORI Frontier Research Center	Nov 20, 2021~ Nov 19, 2023	Kyushu Fukuoka
RAJAONARIVO, H. L.  MADAGASCAR	Ontology learning for local event detection using large-scale mobile positioning and SNS data	Kyushu University MINE, Tsunenori Associate Professor Faculty of Information Science and Electrical Engineering	Nov 28, 2021~ Nov 27, 2023	Kyushu Fukuoka
SHAFIQ, M.  PAKISTAN	Elucidation of the role of immunomodulation for vascular tissue repair with bioactive blood vessel	Kyushu University IJIMA, Hiroyuki Professor Faculty of Engineering	Nov 30, 2021~ Nov 29, 2023	Kyushu Fukuoka
LIANG, W.  TAIWAN	Exploring life-history and symbiotic strategy of social insect symbiont using X-ray CT	Kyushu University MARUYAMA, Munetoshi Associate Professor The Kyushu University Museum	Nov 30, 2021~ Nov 29, 2023	Kyushu Fukuoka
MEYER, M. C.  U.S.A.	Reliability and Performance of Future Satellite Computing Systems	Waseda University KIMURA, Shinji Professor Graduate School of Information, Production and Systems	Sep 30, 2021~ Apr 29, 2023	Kyushu Fukuoka
TRAN, H. T.  VIET NAM	Study on effect of automatic deflector for drag reduction of road vehicles in cross-wind conditions	Kyushu University ANYOJI, Masayuki Associate Professor Faculty of Interdisciplinary Graduate School of Engineering Sciences	Nov 20, 2021~ Nov 19, 2022	Kyushu Fukuoka
DUMONT, M.  FRANCE	Multi-scale study water resource for sustainable management	Nagasaki University NAKAGAWA, Kei Professor Graduate School of Fisheries and Environmental Sciences	Nov 1, 2021~ Oct 31, 2023	Kyushu Nagasaki
SHARAFISAFSA, M.  AUSTRALIA	Assessment of thermal cracking of deep underground rocks by using combined DFN and CDFEM methods.	Kumamoto University SATO, Akira Associate Professor Faculty of Advanced Science and Technology	Apr 5, 2021~ Apr 4, 2023	Kyushu Kumamoto

ISLAM, W. M.  BANGLADESH	EPR-effect driven tumor delivery of multifunctional boron nanomedicine for neutron capture therapy.	Kumamoto University NIIDOME, Takuro Professor Faculty of Advanced Science and Technology	Oct 1, 2021~ Sep 30, 2023	Kyushu Kumamoto
GOWAN, E. J.  CANADA	Impact of paleo-topography and ice sheet change on east Asian climate during the past 200,000 years	Kumamoto University TOMITA, Tomohiko Associate Professor Faculty of Advanced Science and Technology	Jun 29, 2021~ Jun 28, 2023	Kyushu Kumamoto
BROZOVIC, D.  SWEDEN	Organizational resilience in a global pandemic: The case of regional hospitality SMEs in Japan	Ritsumeikan Asia Pacific University SAITO, Hiroaki Associate Professor College of International Management	Jan 17, 2022~ Jan 16, 2023	Kyushu Oita