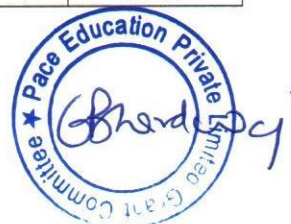# PACE EDUCATION PRIVATE LIMITED
GRANT COMMITTEE

Dated: December 18, 2019

To
Dr. Vivek Srivastava
Director, Industry Sponsored Projects
NIIT University, Neemrana.

Dear Dr. Srivastava,

We are delighted to notify you that the PACE grant research funding for the upcoming year has been successfully approved for the following Projects.

Project No.	Name of Faculty	Title of the Project	Amount (INR)
1	Abhisek Dutta	Tourism and the smartphone app adoption in India	1000
2	Abhisek Dutta	Adoption of IoT based services/ devices in India: An empirical study of impact of existing brand reputation on adoption	1000
3	Akhlesh Agarwal	NU LAN/WiFI/Internet configuration and traffic analysis for increasing throughput	12500
4	Arghya Guchhait	DSRC Based Hybrid Communication Technology: Scope & Possibilities	5000
5	Gaurav Sharma	Run time conversion of speech from one language to other language like(hindi to english and vice versa.) using Deep Learning	12500
6	Gaurav Sharma	Walker for Blind people using Deep Learning.	12500
7	Gaurav Varshney	Understanding and Analyzing Cyber Threats via Malicious Browser Extensions	12500
8	Gaurav Varshney	Controlling Data Movement On the Web	12500
9	Gaurav Varshney	Domain Expressiveness over Internet	12500
10	Gaurav Varshney	IOT Security	12500
11	Gaurav Varshney	Cyber Crime: How to deal with it?	12500
12	Gurendra Nath Bhardwaj	Economic and Financial Feasibility of Solid Waste Management	12500
13	Gurendra Nath Bhardwaj	Ultra-Rich Vs. Financial Stability of Banks (With special reference to Indian Banking)	1000
14	Gurendra Nath Bhardwaj	An Assessment of Skill India Programme & creating bridge between demand and supply of labour	1000
15	Gurendra Nath Bhardwaj	Intrinsic value of Bank Loan	1000
16	Gurendra Nath Bhardwaj	Market Risk Assessment of selected Mutual Funds of India	1000
17	Gurendra Nath Bhardwaj	Issues and Challenges of NPA Management in Indian Banking	1000
18	Gurendra Nath Bhardwaj	Impact of Liquidity Adjustment Facility (LAF) on Indian Banking Sector (During last decade)	1000
19	Ipseeta Nanda	Architecture design for Internet of Things for Smart Home Interface	5000
20	Jetendra Joshi	V2G and Ride sharing services for Electric vehicles	5000
21	Jetendra Joshi	Security and Trustness in SDN- VANET	5000

22	Jetendra Joshi	Remote sensing of Asset by various communication technology	5000
23	Kumar Nitesh	Designing a metaheuristic approach for energy efficient clustering and routing algorithms for wireless sensor networks.	12500
24	Kumar Nitesh	Relay Node Deployment for assuring coverage and connectivity in a wireless sensor network	12500
25	Kumar Nitesh	Algorithm design for mobile element in wireless sensor networks	12500
26	Meera S Datta	Using Social Network Analysis to model Computer-Supported Collaborative Learning	5000
27	Meera S Datta	Self-Acquisition of Critical Skills using Mobile Apps as Tools for Adolescents with Learning Disabilities	5000
28	Meera S Datta	Using Human Posture Detection for Yoga Posture Identification in Educable Adolescents	5000
29	Mohd Anul Haq	Deep Learning based statistical downscaling and future projection of temperature in Himachal Pradesh	12500
30	Mohd Anul Haq & Jeetendra Joshi	Development of Indoor Navigation System	12500
31	Mohd Anul Haq & Jeetendra Joshi	Development of UAV Spoofing System	12500
32	Neha Tiwari	Wide range Electronic pest and rodent repellant	5000
33	Nidhi Chahal	2D to 3D Conversion by combining multiple depth cues using Machine Learning Approach	12500
34	Nidhi Chahal	Face Recognition based attendance system using Machine Learning	12500
35	Nidhi Chahal & Mohd Anul Haq	AI and ML based Analysis of Environmental Factors	12500
36	Nidhi Chahal & Mohd Anul Haq	Deep Learning based Hyperspectral image super-resolution	12500
37	Nidhi Chahal & Mohd Anul Haq	Deep Learning based Plant identification in Natural Environment	12500
38	Nidhi Chahal & Mohd Anul Haq	Deep Learning based LDA identification and detection on Mars	12500
39	Nitin Bhatia	Laser Broadcasting using Fiber bragg gratings	5000
40	Nitin Bhatia	Multimode interference methods with vector modes of an optical fiber	5000
41	Nitin Bhatia	Generating Multimode optical beams using optical fibers	5000
42	Nitin Bhatia	Methods for measuring the modal weights in an optical fiber beam	5000
43	Nitin Bhatia	Sensors for sesimic activity detection	5000
44	Nitin Bhatia & Soumyadeep Chakraborty	Enzyme based biosensor for glucose detection	5000
45	Prashant Srivastava	Person Identification through Face Detection and Recognition in Real-Time Video	12500
46	Prashant Srivastava	Human Behaviour Identification in Real-Time Videos	12500

47	Prashant Srivastava	Image Classification	12500
48	Prashant Srivastava	Activity-Based Image Retrieval	12500
49	Sanjay Gupta	Development of a portable device for monitoring hydrogen sulfide, methane and ammonia	5000
50	Sanjay Gupta	Development of a microprocessor learning system with bus signal observation facility	5000
51	Shweta Malwe	Efficient Medium Access Control (MAC) protocol for Wireless Ad hoc Networks	12500
52	Shweta Malwe	Improving network performance using cross-layer design in Wireless Ad hoc Networks.	12500
53	Supratik Banerjee	Caching in Information Centric Networking	12500
54	Vikas Malviya	Security of Android Applications	12500
55	Vikas Malviya	Detection of maliciousness in Android Apps	12500
56	Vikas Upadhyaya	Fire alarming and evacuation system	5000
57	Vikas Upadhyaya	Detection of the size of any body part using Image Processing	5000
58	Vikas Upadhyaya	Courier Robot	5000
59	Vikas Upadhyaya	Designing website for Centre for Innovation Incubation and Entrepreneurship	5000
60	Vinay Sharma	Exploring solvation properties of various alkali and alkali-earth metal ions in liquid medium using spectroscopic method.	5000
		Total	**493000**

We trust that this financial support will aid in furthering your research endeavors. The sanctioned amount should be utilized judiciously, primarily for the acquisition of consumables, and a limited portion may be allocated for faculty travel expenses. We kindly request that the PACE grant is not utilized for any remuneration or salary purposes.

We would like to emphasize that the utilization of this grant must not exceed Rs. FOUR LAKHS NINETY-THREE THOUSAND only. We are satisfied with your previous year's progress.

Wishing you all the best for your research endeavors.

With Best Wishes

Chairman
Pace Education Private Limited
Grant Committee