

**PACE EDUCATION PRIVATE LIMITED**  
**GRANT COMMITTEE**

Dated: March 1, 2018

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

Subject: Approval of PACE grant for Undergraduate Research

Dear Dr. Srivastava

We are pleased to inform you that, PACE grant research funding for the following year has been approved for the following Projects.

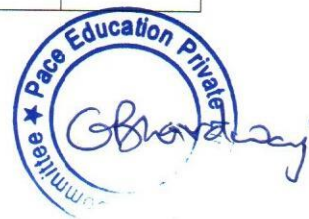
The amount should be used generously for the purchase of consumables and a limited amount for faculty traveling. You are advised not to use the PACE grant for any remuneration or salary purpose.

Project No.	Name of Faculty	Title of the Project	Amount (INR)
1	Abdul Mazid	Facial expression recognition System	10000
2	Abdul Mazid	Security System for DNS using Cryptography	10000
3	Akhlesh Agarwal & Vikas Malviya	NU LAN/WiFi/Internet traffic analysis for increasing throughput	10000
4	Amit Kumar	Relevance Search of Study material using Semiautomatic Evolutionary Graph Model	10000
5	Amit Kumar	Mining Software repositories using Graphical Models	10000
6	Arghya Guchhait	Development of WiMAX based Cognitive Communication Technology	10000
7	Arijit Karati	IoT devices authenticity through IBC in secure CoT enabled environment	10000
8	Arijit Karati	Mutual authentication in vehicular communication	10000
9	Ashwini Chauhan	Potential of antibiotics with N-Acetyl Cysteine (NAC) to eradicate persister bacteria	25000
10	Ashwini Chauhan	Evaluation of anti-biofilm efficacy of ZnO nanoparticles and nanorods	25000
11	Debajyoti Ghosh	Efficient algorithm for generating all the spanning trees of weighted undirected and directed graphs	10000
12	Debajyoti Ghosh	An efficient algorithm for list coloring problem of a graph	10000
13	Deeksha	Secure Data Sharing on Public Cloud	10000
14	Deeksha	Securing the V2V and V2I communication in Intelligent Transportation System	10000
15	Divya Aggarwal	3-D Image Steganography Technique	10000
16	Divya Aggarwal	Reversible Data hiding Technique	10000
17	Gaurav Sharma	Face recognition using deep learning	10000
18	Gaurav Sharma	Object detection and recognition using deep learning	10000
19	Jetendra Joshi	P-Agri : Pervasive Agriculture	10000
20	Jetendra Joshi	Sign Realization of Multimedia Sequences	10000
21	Jetendra Joshi	Energy-Efficient Approach Towards Network Intelligence in Cooperative Communication in Vehicle Environment	10000
22	Kumar Nitesh	Designing a metaheuristic approach for energy efficient clustering and routing algorithms for wireless sensor networks.	10000
23	Kumar Nitesh	Relay Node Deployment for assuring coverage and connectivity in a wireless sensor network.	10000





24	Kumar Nitesh	Trajectory formulation for multiple mobile sink in a delay bound environment of wireless sensor networks.	10000
25	Mandeep Dadhwal	Isolation of novel antibiotics genes from environmental samples by metagenomic approach	25000
26	Manoj Kumar	Secure group communication using elliptical curve cryptography	10000
27	Manoj Kumar	A secure and dynamic auditing protocol for data storage in cloud computing	10000
28	Manoj Kumar	Prevention of unauthorised access in social Networks using authentication	10000
29	Manoj Kumar	Secured Data sharing for single public blockchain between decentralised network and centralised network	10000
30	Meera S Dutta	Self-Acquisition of Critical Skills using Mobile Apps for Adolescents with Learning Disabilities	10000
31	Meera S Dutta	Improving Social and Academic skills acquisition ability of Educable students using technology and yoga exercises	10000
32	Mohd Anul Haq	:: Assessment of ANN, SVM and RF classifiers for Hyperspectral imagery	10000
33	Narayan Kumar	Characterization of Promiscuous plasmids from natural isolates of lactic acid bacteria	25000
34	Narayan Kumar	Prediction of compound-target interactions of natural products to select natural herb based drug candidates.	25000
35	Navin Kapur	Design and hardware realization of Semiconductor Parameter Analyzer	10000
36	Navin Kapur	Study of Semiconductor Power Devices	10000
37	Neha Tiwari	Design analysis of Rectennas for wireless energy harvesting	10000
38	Pragya Verma	Argument Mining	10000
39	Pragya Verma	Named Entity Recognition and Mention Detection	10000
40	Pranav Ranjan	Analysis of the decisive pattern of the consumers for buying pattern of the consumers towards FMCG products	1000
41	Prosenjit Gupta	Scalable Algorithms for Cross-Network Recommendation Systems	10000
42	Prosenjit Gupta	Scalable Algorithms for Cross-Domain Recommendation Systems	10000
43	Raj K. Kovid	Identifying potential target and acquirer firms in a sector	1000
44	Raj K. Kovid	Valuation of a sector/industry	1000
45	Ram Narayan Yadav	An energy efficient scheme for data collection in wireless sensor networks using public transportation vehicles	1000
46	Ram Narayan Yadav	An Energy-aware and Buffer-aware Routing Protocol for Opportunistic Smart Traffic Management	1000
47	Sanjay Gupta	Designing and Implementing a field-usable microcontroller using FPGA	10000
48	Shalini	A Distributed Approach for Graph Mining in Massive Networks	10000
49	Shalini	On recommendation of graph mining algorithms for different data	10000
50	Shalini	Healing Partitioned Wireless Sensor Networks	10000
51	Shweta R Malwe	Cross-layer Design for Wireless Ad hoc Networks	10000
52	Shweta R Malwe	Efficient medium access control (MAC) protocol for Wireless Sensor Networks	10000
53	Shweta R Malwe	Detection of Misbehaving nodes in mobile ad hoc networks (MANETs)	10000
54	Siddhartha Khare	Spatial Monitoring of Urban Growth Using GIS and Remote Sensing: A case study of Neemrana	10000
55	Siddhartha Khare	Phenology Analysis of Ranthambore National Park of Rajasthan using Landsat-8 Satellite data	10000
56	Siddhartha Khare	Interactive Forest Biodiversity Map of NIIT University Campus	10000
57	Sunil Khanna	Metal sequestration in ecosystem by genetically modified microbes	25000
58	Supratik Banerjee	To design power aware routing for Ad-Hoc networks in disaster recovery	10000
59	Supratik Banerjee	To design efficient dynamic routing protocol	10000
60	Sushil Kalyani	The challenges and potentials for the Crypto-currency system from a financial inclusion perspective .	1000
61	Trupil Limbasiya	Design of a secure smart card-based multi-server authentication scheme	10000



62	Trupil Limbasiya	Effective end-to-end authentication scheme for wearable health monitoring systems	10000
63	Vijayant Pawar	Text summarization	10000
64	Vijayant Pawar	Text Search Engine	10000
65	Vikas Malviya	A kernel level implementation of Hadoop	10000
66	Vikas Malviya	Disease Identification and Risk Stratification	10000
67	Vikas Malviya	Understanding Climate Change using Data Analysis	10000
68	Vikas Malviya	IoT + Big Data	10000
69	Vikas Upadhyaya	Fire alarming and evacuation system	10000
70	Vikas Upadhyaya	Detection of the size of any body part using Image Processing	10000
71	Vikas Upadhyaya	Segregating photographs based of face detection	10000
72	Vinay Sharma	Exploring hydration properties of aqueous transition metal and alkali/ alkali-earth ionic solutions.	10000
		<b>Total</b>	<b>756000</b>

The amount that can be utilized from this grant should not exceed Rs. Seven Lakhs Fifty-Six Thousand only. We are also expecting that you will submit some significant research outcomes (in the format of a comprehensive report) in due course of time.

With Best Wishes

  
 Chairman

**Pace Education Private Limited**  
**Grant Committee**