Sushant University

<u>Key Indicator – 6.3 Faculty Empowerment</u> <u>Strategies</u> (25)

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years (15)

Criterion 6 – Governance, Leadership and Management (100)

Sushant University

DVV Clarification

E-copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.

(Appendix-II)

Sushant University

YEAR 2020-2021

			Year -2		
Ser. No.	Dates	Title of the conference/ workshops/ name of the professional body	Name of the teacher	Amount provided by the HEI	Purpose (Membershiop fee/travel and other expenses/Registration fee
1	15-Apr-2020	Research paper in UGC Care list on Segmentation of brain tumor using GLCM and Discrete Wavelet transform	Alpana Jijja	5,000	Research Paper Publication
2	5-Jun-2020	FDP On E Content Development	Amit Kumar Agarwal	5,000	FDP
3	5-Jun-2020	FDP On E Content Development	Amit Kumar Singh	5,000	FDP
4	5-Mar-2021	Chapter on Future Potential of Solar Energy: A Literature Review	Amit Singh Tomar	5,000	Book Chapter
5	5-Mar-2021	Reserace raper published in Oil: Care us on Traditional healing practice in India: Intangible knowledge and its resultant socio-cultural	Amrita Madan	5,000	Research Paper Publication
6	12-Oct-2020	State level FDP on 3-D printing Technologies, Dr B R Ambedkar University, New Delhi	Anand Sharma	5,000	FDP
7	18-Jul-2020	Research Paper on "Geostrategic Significance of Central asia"	Anjali Dabas Sehrawat	5,000	International Women Summit
8	17-Jul-2020	National level FDP on online education: Teaching during Covid Pandemic	Anjali Marwah	6,000	FDP
9	19-Jun-2020	National level FDP on E-Sim - A free and Open Source EDA tool, Pragati Engineering College, Mumbai	Ankit Tiwari	6,000	FDP
10	17-Jun-2020	National FDP on "Research & its Role in Academic development: Digitalization the way forwrad	Anshu Rawal	6,000	FDP
11	8-Dec-2020	Associated Professional & Environmental Experts	ARJUN KAMAL	5,000	Professional Membership
12	8-Dec-2020	Associated Professional & Environmental Experts	Aruna Bhardwaj	5,000	Professional Membership
13	8-Dec-2020	Associated Professional & Environmental Experts	Ashwini Kher	5,000	Professional Membership
14	11-Jul-2020	Creation for Social Media' Organised by Bombay Teachers' Training College in collaboration with Thadomal Shahani	Astha Mehta	6,000	FDP
15	10-Jun-2020	National level FDP on Role of Mathematics in Latest Business Trends	Atul Kumar Agarwal	6,000	FDP
16	5-Feb-2021	National level FDP on Inculcating Universal Human Values in technical education	Avitesh	5,000	FDP
17	20-Oct-2020	Book: Applied Electonics	Bindu Thakral	10,000	International Book Pulication
18	17-Jun-2020	National FDP on "Research & its Role in Academic development: Digitalization the way forwrad	Chandana paul	6,000	FDP
19	3-Feb-2021	Book: R E C E N T A D V A N C E S IN PHARMACEUTICAL S C I E N C E S State rever settemer Course in Law, Fruman	Chhavi Singla	7,000	National Book Publication
20	7-Dec-2020	Rights and Social Transformation" organized by UGC-HRD Centre, BPS Mahila	Deepak Miglani	5,000	refresher course
21	15-Dec-2020	All Indian Management Association	Deepak Thakur	6,000	Professional Membership
22	22-Aug-2020	National level FDP on Digital Marketing & Business Analytics	Deepika Bajaj	6,000	FDP
23	15-Dec-2020	All Indian Management Association	DEEPIKA RAINA	6,000	Professional Membership
24	22-Feb-2021	National level FDP on Professional & Communicative English, Bharthiar University, Coimbatore, Tamilnadu	Dinesh Rai	6,000	FDP
25	17-Jul-2020	National level FDP on online education: Teaching during Covid Pandemie	Ekta gyani	6,000	FDP
26	12-Oct-2020	State level FDP on 3-D printing Technologies, Dr B R Ambedkar University, New Delhi	Garima Bakshi	5,000	FDP

12	17-Oct-2020	sationar level 121 of Improving your research visibility-Research Impact and	Md Shadab Alam	6,000	FDP
i1	17-Oct-2020	National tever PDP on improving your research visibility-Research Impact and Metrics, Vellar College of Engg and Tech,	Mark Arjun Warner	6,000	FDP
50	17-Jul-2020	for a casson nanofluid over a stretching sheet Nutional level FDP on online education: Teaching during Covid Pandemic .	Mareena Thomas	6,000	FDP
19	15-Jun-2020	Research paper in UGC Care list on Impact of aligned MHD flow with inclined outer velocity	Manimala	5,000	Research Paper Publication
18	17-Oct-2020	sational level FDP on improving your research visibility-Research impact and Metrics, Vellar College of Engg and Tech,	Madhur Prakash	6,000	FDP
17	17-Jun-2020	National FDP -IHM Bhopal Research & Its Role in Academic development	Laurent Guiraud	6,000	FDP
16	10-Jun-2020	Temilantu Comparisons of Speech Parameterisation Techniques for Classification of Intellectual Disability Using Machine Learning	Latika Singh	5,000	Research Paper Publication
15	17-Oct-2020	National level FDP on improving your research visibility-Research impact and Metrics, Vellar College of Engg and Tech,	Kumud Ranjan Halder	6,000	FDP
44	27-Sep-2020	National level FDP on Advanced Teaching Skills	Kulmohan Singh	6,000	FDP
13	15-Mar-2021	Chapter on Role of Public Information Officers Against Right To Information- An Analytical Study	Komal	5,000	Book Chapter
12	22-May-2020	National FDP on Big Data Analytics	Kirti Mankotia	6,000	FDP
1	22-Jun-2020	R Language FDP by Department of Computer Science	Kirti Dahiya	5,000	FDP
ю	17-Oct-2020	research visibility-Research Impact and Metrics, Vellar College of Engg and Tech,	Kartikeya Chandra	6,000	FDP
39	5-Jun-2020	FDP On E Content Development	KANUPRIYA DEOL	5,000	FDP
38	17-Dec-2020	State level Refresher Course in "Law, Human Rights and Social Transformation" organized by UGC-HRD Centre, BPS Mahila Vishwavidyalaya, Sonepat	Kanu Priya	5,000	refresher course
37	5-Jun-2020	FDP On E Content Development	Kankan Kataria	5,000	FDP
36	14-Jul-2020	National level FDP on Role Of Mathematics In Latest Designing Trends	Jayanti Nadesalingam	6,000	FDP
35	22-Aug-2020	National level FDP on Digital Marketing & Business Analytics	Jagat Narayan Giri	6,000	FDP
34	22-Feb-2021	National level FDP on Professional & Communicative English, Bharthiar University, Coimbatore, Tamilnadu	Isha Saini	6,000	FDP
33	15-Dec-2020	Indian Economic Association	Inderjeet Kaur	7,000	Professional Membership
32	1-May-2020	State level FDP on Skill set in Design Research	Himanshu sanghani	5,000	FDP
31	1-May-2020	State level FDP on Skill set in Design Research	HARNEET KAUR	5,000	FDP
30	14-Jul-2020	National level FDP on Role of Mathematics in latest designing trends	Harminder Singh	10,000	FDP
29	5-Jun-2020	FDP On E Content Development	Gunjan Arvind Rana	5,000	FDP
28	5-Jun-2020	FDP On E Content Development	Goutam Datta	5,000	FDP
27	20-Dec-2020	impact of hospital meal ordering system on patient meal consumption in private hospitals	Garima Parkash	5,000	esearch Publication in UGC Care Journ

57	17-Jul-2020	National level FDP on Online Education : Teaching during Covid Pandemic	Mrunali Arun Balki	6,000	FDP
58	22-Aug-2020	National FDP on Digital Marketing & Big Data Analytics	Navdeep Barwal	6,000	FDP
59	20-Dec-2020	Reserach Paper published in UGC Care list Indian Response to Pandemic: A Journey from 1918 Pandemic to Covid-2019	Naveen Nandal	5,000	Research Paper Publication
60	22-May-2020		Neetu Jora	5,000	FDP
61	22-Jun-2020	R Language FDP by Department of Computer Science	Neha Gupta	5,000	FDP
62	22-Jun-2020	R Language FDP by Department of Computer Science	NEHA MALLICK	5,000	FDP .
63	15-Aug-2020	International level FDP on Developing the next Gen Teachers	Nidhi Chowdhary	7,000	FDP
64	2-Mar-2021	Reserach Paper published in UGC Care list on Reconnecting the City to its Riverfront : A case of Kolkatta	Nidhî Dandona	5,000	Research Paper Publication
65	22-Jun-2020	R Language FDP by Department of Computer Science	N iraja Adloori	5,000	FDP
66	5-Jun-2020	FDP On E Content Development	PARSHATI DUTTA	5,000	FDP
67	2-Feb-2021	Reserach Paper published in UGC Care list on"Cultural Ecology and Happiness, a Case Study of Western Bhutanese Settlements"	Piyush Das,	5,000	Research Paper Publication
68	1-May-2020	International FDP on Digital Marketing	Pooja Rastogi	7,000	FDP
69	17-Oct-2020	National rever FLPF on improving your research visibility-Research Impact and Metrics, Vellar College of Engg and Tech,	Pramneet Kaur	6.000	FDP
70	22-Jun-2020	R Language FDP by Department of Computer Science	Prashansa	5,000	FDP
71	22-Jun-2020	R Language FDP by Department of Computer Science	Preetha Ravisree	5,000	FDP
72	22-May-2020	National FDP on Big Data Analytics	Purnima Rao	6,000	FDP
73	5-Jun-2020	National level FDP on Introduction to Autodesk inventor, Rajiv Gandhi Institute of Tech, Mumbai	Rajan Bansal	6,000	FDP
74	19-5ep-2020	National level FDP on Clinical Research And Good Clinical Practice	Ramesh Basa	6,000	FDP
75	17-Jul-2020	National level FDP on online education: Teaching during Covid Pandemic	Sachin Datt	6,000	FDP
76	17-Jun-2020	National FDP on "Research & its Role in Academic development: Digitalization the way forwrad	Saif Anjum	6,000	FDP
77	10-May-2020	National Conference on Digitalization, future jobs, regulatory mechanisms and research directions organised by Amity University.	Saurabh Saraswat	7,200	Conference
78	10-Dec-2020	impact of hospital meal ordering system on patient meal consumption in private hospitals	Saurav Chhabra	5,000	lesearch Publication in UGC Care Jour
79	31-Jul-2020	INTRODUCTION TO INDUSTRIAL MATHEMATICS	Sherry Verma	5,000	Research Paper Publication
30	1-May-2020	International FDP on Digital Marketing	Shevata Singhal	7,000	FDP
31	15-Dec-2020	Society of Pharmaceutical Education & Research	Shweta Thusoo	7,000	Professional Membership
12	19-5ep-2020	National level FDP on Clinical Research And Good Clinical Practice	Sobia Ahsan	6,000	FDP
3	16-Aug-2020	"Art of Thesis Writing and Academic Publishing"	Suman devi	6,000	workshop
4	22-Aug-2020	National level FDP on Digital Marketing & Business Analytics	Sumedha garg	6,000	FDP
5	27-Feb-2021	11th International Hotel Travel & Tourism Research Conference	Sunil Kumar	5,000	International Conference
6	10-Nov-2020	Reserach Paper published in UGC Care list on Awareness of the various investment options available for tax planning	Surabhi Goyal	5,000	Research Paper Publication
7	2-Mar-2021	Reserach Paper published in UGC Care list on Reconnecting the City to its Riverfront : A case of Kolkatta	Suruchi Modi	5,000	Research Paper Publication



88	17-Mar-2021	State level FDP on NAAC revised accrediation framework and Quelling the quest	Tanaya Verma	5,000	FDP
89	28-Nov-2020	Cultural Idendities,Manifestations through Architecture	Tapasya Samal	7,800	National Conference
90	17-Jul-2020	National level FDP on online education: Teaching during Covid Pandemic	Taral Harish Shah	6,000	FDP
91	19-Sep-2020	National level FDP on Clinical Research And Good Clinical Practice	Usman Khan	6,000	FDP
92	15-Aug-2020	National level FDP on Developing the Next Gen Teachers	Viđushi Puri	6,000	FDP
93	15-Jun-2020	National level FDP on Introduction to Autodesk inventor, Rajiv Gandhi Institute of Tech, Mumbaj	Vijaytakshmi	6,000	FDP





Date: 13/5/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Alpana Jijja

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

655 Gurugram



Segmentation of Brain Tumor using Glcm and Discrete Wavelet Transform

Alpana Jijja, Dinesh Rai

Abstract: To identify brain tumors at an early stage is a challenging task. The brain tumor is usually diagnosed with Magnetic Resonance Imaging (MRI). When MRI spectacles a tumor in the brain, the most common way of determining the type of brain tumor after a biopsy or surgery is to look at the results of a tissue sample. In this research to detect brain tumors faster and accurately the feature extraction techniques are used to segment the t...mor affected area. One of such very effective technique of feature extraction measure is the Grayscale Co-occurrence Matrix (GLCM). This research focuses on the GLCM and Discrete Wavelet Transformation (DWT) technique to detect and label the tumor from an image based on the textures and categorizing it according to a tumor or non-tumor category. The convolutional neural network (CNN) uses these features to improve the accuracy

Keywords: Convolutional Neural Network; Discrete Wavelet Transform; Feature Extraction; Grayscale Co-occurrence

I. INTRODUCTION

The human body has a brain that is one of the most complex orgens. The thought of being diagnosed with a brain tumor is one troubling and life-changing case. High-tech imaging has been used in the last few decades to see inside the body for better clarity and wider details. To detect and identify the wide range of brain disorders, MRIs, CT scans, ultrasounds, and PET scans are better technologies that greatly reduce the need for exploratory surgery to make a diagnosis. Various approaches have been used to enhance the identification of brain abnormalities in MRI images. In this research paper, the texture is one of an important feature used for evaluation and identification of the region of interest in an MRI image. Texture provides information in the spatial arrangements on color or intensities in an image. The texture is determined by spatially distributed levels of intensity in the neighbourhood [1]. The textures may vary in randomness, regularity (or periodicity), directionality, and orientation despite their origin [2,3]. Therefore, if a pattern is quite random and natural it falls into the framework of texture. Texture analysis requires defining certain characteristics or properties that differentiate or define the textures. In the segmentation and classification of image recognition, texture

Revised Manuscript Received on April 30, 2020. Correspondence Author

Alpana Jijja*, CSE, Ansal University, Gurugram, Haryana, India. Dr.Dinesh Rai, CSE, Ansal University, Gurugram, Haryana, India.

© The Authors. Published by Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP). This is an open access article under the (http://creativecommons.org/licenses/by-nc-nd/4.0/) license

Retrieval Number: F3812049620/2020©BE1ESP DOI: 10.35940/ijitee.F3812.049620 Journal Website: www.ilitee.org

analysis can be used to identify the texture borders, edge direction movement [4] and long linear patterns [5]. Several authors have applied image processing techniques in various medical diagnosis applications detecting brain tumors using MRI images [6], lung cancer [7] and mammogram[8], which methods of texture classification and texture characterization [9-11]. The most important challenge of texture analysis is to deal with shape, classification and segmentation [12-14]. Texture analysis can be helpful if characteristics in an image are more differentiated by texture than their intensities and therefore traditional thresholding techniques cannot be efficiently utilized [15]. The texture is calculated statistically across the image using a moving window. The statistical method calculates the coarseness and directionality of the texture with respect to the averages in a window of an image. However, the syntactic approach defines the structure of the entities and their distribution [16]. The important features of the statistical method to achieve a better classification, involve precision, contrast, homogeneity, autocorrelation function, power spectrum, entropy, relevant gray level statistics and matrices with co-occurrence.

II. LITERATURE REVIEW

Haralick et al., first proposed the probability of co-occurrence using GLCM in their 1973 research paper. This method is used to identify image traits and is commonly used in the field of biomedicine. The GLCM is computed in the first step, while the functionalities based on the GLCM are decided in the second step. Various fourteen textural features that include image texture information, has features such as homogeneity, linear gray-tone dependencies, contrast, number and existence of boundaries present, and image complexity [17]. Rajesh et al., research focuses on classifying cancer using MRI brain images. The technique used in this research is the Rough Set Theory which derives the characteristics of the MRI brain image classification for cancer using Feed Forward Neural Networks. The features extracted thus produces a classification efficiency of 90% [18]. Saban and Byram in their research have extracted various features using GLCM, LBP, LBGLCM, GLRLM, and SFTA algorithms. Thus after comparing the results of these algorithms, they obtained an effective algorithm for classification [19].

A. Copeland et al., in their research illustrated a strong high degree of correlation between synthetically derived textures and how different textures are perceived by human observers[20]. Manjunath and Ma implemented Gabor wavelet derived veatures. Results from this work have shown that Gabor filter, jerneval performance is better than typical wavelet-based or deconal features.

Published By: Elue Eyes Intelligence Engineering & Sciences Publication



Payment Voucher

Dated : 3/8/2020
Amount
5,000.00
-
₹ 5,000.00
U 1

10 Authorised Signatory

Verified by



Receiver's Signature

Prepared by

Checked by

 \bigcirc



Date: 30/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Amit Kumar Agarwal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Amit Kumar Agarwal

is hereby awarded this certificate of achievement for the successful E-Content Development held from 1st June to 5th June 2020. completion of 5 Day Faculty Development Program on Credit: 1 Course Duration: 15 Hours



Date of Issue 7th June 2020

Payment Voucher

No. 1910

Dated : 15/9/2020

2

	Amoun
Account :	• • • • • • • • • • • • • • • • • • •
Amit Kumar Agarwal-AU0548	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in FDP On E Content Development	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00
N N	986
Receiver's Signature	Authorised Signator
f so	L
Prepared by Checked by	Verified by





Date: 30/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Amit Kumar Singh

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



International Institute of Organized Research

Amit Kumar Singh

is hereby awarded this certificate of achievement for the successful E-Content Development held from 1st June to 5th June 2020. completion of 5 Day Faculty Development Program on Credit: 1 Course Duration: 15 Hours



Date of Issue 7th June 2020

Payment Voucher

No. 1911

Dated : 15/9/2020

TNA

3

Particulars	Amoun
Account :	
Amit Kumar Singh-AU0304	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in FDP On E Content Development	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00
	14
a long	40"
Receiver's Signature	Authorised Signato
f o	
Prepared by Checked by	Verified b
	SHOLLS
	ANT



Date: 10/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Amit Singh Tomar

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



4 (Amit Singh Tomae

Proceedings of International Conference on Advanced Technology, Sustainability and Management (IATSM 2021)

> Edited by: Dr. Arti Vaish Dr. Surabhi Goyal



P.K. Publishers & Distributors New Delhi-110053



SS, Gurueran

Published by :

P.K. Publishers & Distributors

J-231/1A] Gali No. 14, 4th Pushta, Kartar Nagar, Delhi-110053 Mobile: 9540483251, 79825512449 E-mail: pkpublication@gmail.com Website: www.pkpublishers.com

Proceedings of International Conference on Advanced Technology, Sustainability and Management (IATSM 2021)

C Author

First Edition 2021

ISBN: 978-93-92239-00-7

All rights reserved no part of this work may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of the Publisher.

This Book has been published in good faith that the material provided by author is original. Every effort is made to ensure accuracy of material but the publisher and printer will not be held responsible for any inadvertent errors.

PRINTED IN INDIA

Published by P.K Publishers & Distributors Delhi-110053, Laser Typesetting at Shahabuddin Computers, Delhi. Printed at Sachin Printers, Delhi-53





Contents

Foreward	(v)				
Preface					
 Study on Cyber Crimes in Banking Sector During the Pandemic 	1				
-Mallika Gaur & Arti Vaish					
 Sentiment Analysis for Rating Cooking Recipes Based on User's Feedback Using Data Mining Techniques 	25				
-Hetu Patel & Dr. Anil Suthar					
3. Disruptive Visual Works and Cognitive Spheres: A Synthesized Learning Process	40				
-Bhanu Arora, Dr. Jagat Narayan Giri	40				
4. Future Scope of E-Marketing -Shraey Nagpal and Arti Vaish	49				
5. Impact of Demographic Variables On Job Stress Post Merger	71				
–Dr. Surabhi Goyal & Antima Gulia					
6. Urban Destination Food Image of Delhi: Perception of International Tourists -Sidharth Srivastava, Dr. TeenaPareek	80				
& Dr. Savita Sharma 7. Public-Private Partnership in Road Development: An Indian Perspective -Shalu Saini & Dr. Jagat Narayan Giri	92				
 Smart Home Automation System with Solar Power Interface and Security Protocols Using CISCO Packet Tracer version 7.3.1 -Satvik Sawhney, Yash Swaraj Singh, 	112				



Der Stander 55, Gurustern

(xix)

,

9.	Antim Dev Mishra & Kanishk Tolani Hardships Faced by Employees During Merger and Acquisition -Antima Gulia	135
10.	Banking System Using Blockchain Technology Integrated with IoT –Rahul Parihar, Krishan Kumar, Satvik Sawhney & Pulkit Badhwar	151
11.	Android App Based Image Geotagging to Prevent Wildlife and Forest Offences -Rahul Raghav & Sandeep Gulia	164
12.	Push Towards Virtual & Remote: A Real Challenge Forhr in New Normal -Dr. Swarnalatha.V	172
13.	A Study on Employees' Job Satisfaction in Parveen Industries Private Limited -Dr Mecnakshi Dhingra, Samridhi Gupta & Dr. Kanika Sachdeva	179
14.	A Study on the Role of Financial Inclusion in Achieving Sustainable Growth Ms. Charu Kapoor Sareen*	194
15.	Vedic Mathematics And Astronomy – An Overview –Darshika Khandelwal, Paras Chaudhary, Sherry Verma & Dr. Manimala	204
16.	Script Scanner: Handwritten Text Recognition App –Ancilla Menezes, Riyali Panmand, Kshitija More & Dr. Lata Ragha	211
17.	Detecting Fake News Statements Using Artificial Intelligence -Gaurav Khatana & Arti Vaish	225
18.	A Study on Fighting Poverty in India –Rahul Chaudhary and Arti Vaish	230

1.44

1 dute , De John Tonis, Costanology Subbally and bly Subbally 55, Gurugram

(x.x)

.....

, n , n

19. Novel Double I-shape Slotted Microstrip Antenna	
Coated with Silver Nanomaterial for	
Quad-band Wireless Applications	243
–Ambresh P Ambalgi , Arti Vaish & Sujata S K	
20. Water Level Indicator Using Moisture Sensor	
& Water Level Sensor on Cisco Packet Tracer 8.0	257
–Rahul Parihar, Antim Dev Mishra,	
Arnav Lahri & Pulkit Badhwar	257
21. Different Charging Techniques for a Lithium-ion	
Battery of an Electric Vehicle	272
–Ankush Koli, Sujit Kumar & Vikramaditya Dave	
22. Future Potential of Solar Energy:	
A Literature Review	284
-Vivek Sharma, Namit Dang & Amit Singh Tomar	
23. Residential Green Building	296
–Sarthak Tyagi, Shahbaz Ali & Neha Gupta	
24. Classification and Recognition of Plants -	
A Literature Review	309
-Yashasvini, Neha Garg & Dr. Alpana Jijja	
25. Present Day Scenario of E-waste in India	
and Other Developing Countries	328
–Monika Klurana, Lalit Yadav & Aman Kumar	
26. Public-Private Partnership in Road	
Development: An Indian Perspective	339
–Shalu Saini & Dr.Jagat Naryan Giri	
27. House of Technological Market	358
–Parth Varshney & Arti Vaish	
Index	373

tilla Der School of Ficher, & Teshnology Suchanistan (crails Gastar 55, Gurugram



(xxi)

¢

¥

22

Future Potential of Solar Energy: A Literature Review

-Vivek Sharma*, Namit Dang** & Amit Singh Tomar***

Abstract

Solar energy has come far away in terms of its development and usage in many parts of the world. With new technologies that are promising reduction in costs for solar energy, solar energy paves way for a new renewable future. It might be that solar energy becomes the most important source of electricity soon and beat fossil fuels. Moreover, use of solar energy will turn out to be more flexible and applicable everywhere as compared to just being produced using ground-mounted or rooftop panels. Many countries who are collectively responsible for 99.7% of global carbon dioxide emissions, according to world economic forum, are looking to switch to 80% renewable



Dean C School Of Cargo & Technology Suchani Calmady Sector 55, Gurugram

Mechanical Engineering Department School of Engineering & Technology Sushant University Gurugram, India vivek1099ggn@gmail.com

^{**} Mechanical Engineering Department School of Engineering & Technology Sushant University Gurugram, India namitdang@gmail.com

^{***} Assistant Professor , Mechanical Engineering Department School of Engineering & Technology Sushant University Gurugram, India amit.ast.tomar@gmail.com

Payment Voucher

Particulars	Amount
Account :	,
Amit Singh Tomar-AU0325	5,000.00
Through :	
Cash in Hand	
On Account of :	
Chapter on Future Potential of Solar Energy: A Literature Review	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





5

Date: 10/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Amrita Madan

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



BEYOND 2020 - World Sustainable Built Environment conference IOP Conf. Series: Earth and Environmental Science 588 (2020) 022026

doi:10.1088/1755-1315/588/2/022026

Traditional healing practices in India: Intangible knowledge and its resultant socio-cultural sustainability

Chitrangda Singh¹, Amrita Madan²

¹ Final year student, Bachelor of Architecture, Sushant School of Art and Architecture, Ansal University, Haryana, India

² Professor, Sushant School of Art and Architecture, Ansal University, Haryana, India

E-mail : chitrangdasingh1997@gmail.com

Abstract. There is an intimate relationship between our emotions and things around us. How and what we interpret from surroundings, formulates our experience of a spaces, which in turn governs the way we feel. Spatial setting has a deep impact on the practice and outcome of 'psychological and spiritual' healing. In India, there exist diverse traditional healing practices such as Ayurveda, Tibetan healing, Yunani, etc., which are the storehouses of intangible knowledge and ideas. The spaces of such practices appear to be unique and it seems that there are strong traditional ideas expressed through the physical construct of space. Such elaborate characteristics of the space enables the traditional systems to sustain in the rapidly urbanising society. The aim of this research is to explore the correlations between the spatial construct and fundamental ideas of healing as mentioned in the ancient texts of Ayurveda and Tibetan healing practice. Further, the research delves into understanding how such correlations result in sociocultural sustainability of traditional systems. Tushita Meditation Centre at Dharamshala and I-AIM Healthcare Centre at Bengaluru are taken as primary building case studies. First-hand experience of the authors and observations with respect to the spatial construct are recorded. Further, the ancient texts of the traditional practices are studied to formulate the correlations with the ideas of healing as mentioned in the ancient texts of the respective practice. By doing such a study, we not only explore how the nature of the spaces is critical to the sustenance of the values embedded in the traditional system but also how it reflects on the overall continuity of the system. The outcome of the research is a set of correlations leading to sustainability of the traditional systems and hence, the importance of the UN Sustainable development goal H which suggests the strengthening of efforts to safeguard and protect natural and cultural heritage in order to lead to inclusive, sustainable and resilient cities.

1. Introduction

Our rich and varied cultural heritage has profound power to build our nation. [1] In the rapidly evolving world of technology and advancement, our local, indigenous and traditional communities and practices are the 'knowledge banks' of rich cultural values, which can be harnessed in order to lead to sustainable and inclusive development. Rather than a conventional understanding of the term 'sustainability', when one refers to the value infused traditional systems as 'blueprints' for sustainability, an interesting array of approaches and methodologies are revealed. Such methodologies are only successful if various stakeholders of the society contribute towards translating the intangible knowledge associated through relevant mediums such as art, literature, built environments, technology, etc. An example of such a

Content from this work may be used under the terms of the Creative Commons Attribution 3.0 licence. Any further down (0) of this work must maintain attribution to the author(s) and the title of the work, journal citation and DOL Published under licence by IOP Publishing Ltd

IOP Publishing

Payment Voucher

No. : 3903	Dated : 15/3/2021
Particulars	Amount
Account :	, anodine
Amrita Madan-AU0534	5,000.00
Through :	
Cash in Hand	
On Account of :	
Reserach Paper published on Traditional healing practice in India: Intangible knowledge and its resultant socio-cultural sustainability	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00
Receiver's Signature America	Authorized Signatory
repared by Checked by	Verified by





Date: 9/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Anand Sharma

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





9

Dr B R Ambedkar University Delhi, New Delhi

Payment Voucher

No. 3637	Dated : 8/2/2021
Particulars	Amount
Account :	-
Anand Sharma-AU0302	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in State level FDP on 3-D printing Technologies, Dr B R Ambedkar University, New Delhi	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 14/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Anjali Dabas Sehrawat

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Ł



We present this to

Certificate of Participation

DR. ANJALI DABAS SEHRAWAT

for presenting a paper on "The Geo-Strategic Significance of Central Asia" at the International Women Summit held on 18 July 2020.

Jameinet

DR. PRAMOD JAISWAL RESEARCH DIRECTOR NEPAL INSTITUTE FOR INTERNATIONAL COOPERATION AND ENGAGEMENT

18 July 2020 DATE OF ISSUE 7

Payment Voucher

No. 1545 1 Dated : 24/8/2020 Particulars Amount Account : Anjali Dabas Sehrawat-AU0303 5,000.00 Through : Cash in Hand On Account of : Research Paper on "Geostrategic Significance of Central asia" Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

7

Verified by





Date: 14/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Anjali Marwah

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

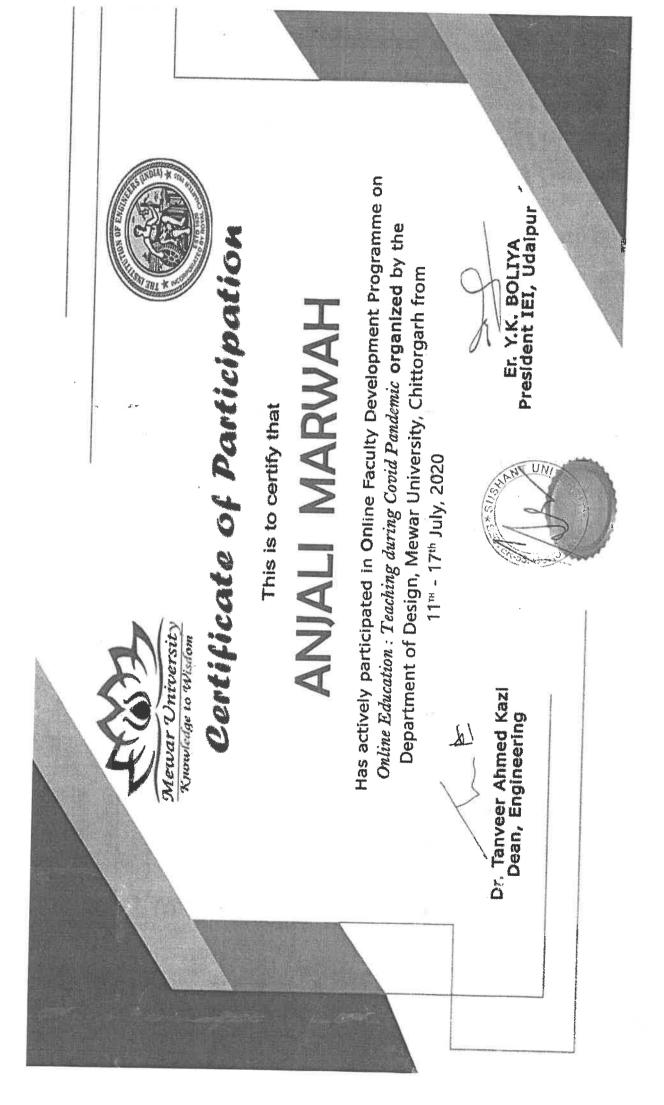
You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

t University

Regards, Sector 55 Containing Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





Payment Voucher

No. 1532 • Dated : 21/8/2020 Particulars Amount Account : Anjali Marwah-AU0485 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on online education: Teaching during Covid Pandemic Amount (in Words) : Indian Rupees Six Thousand Only ₹ 6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 17/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Ankit Tiwari

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



9 National Mission on Teachers and Teaching (PMMMMNMTT), MHRD, Government of India.from Department of EEE in association with Spoken Tutorial IIT Bombay, Pandit Madan Mohan Malaviya has participated in the One Week FDP on eSim - A Free and Open Source EDA Tool conducted by This is to certify that 15.06.2020 to 19.06.2020. Dr. K. SATYANARANAYA Lityanningmarie Convenor Ansal University Gurgaon PRAGATI ENGINEERING COLLEGE Approved by AICTE. Permanently Affiliated to JNTU Kakinada II Accredited by NAAC with A Grade Certificate of Participation Ankit Tiwari Dr. S.SAMBHU PRASAD www.pragati.ac.in Sprandy Principal (AUTONOMOUS) 46] Training manager, Spoken Tutoria Mrs.SANCHITA SAMANT Sondala PANOT M ADAXA ALANYA VATIONAL MISSION ON TEACHERS AND TEACHING ... of

Payment Voucher

No. 1546 1 Dated : 24/8/2020 Particulars Amount Account : Ankit Tiwari-AU0332 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on E-Sim - A free and Open Source EDA tool, Pragati Engineering College, Mumbai Amount (in Words) : Indian Rupees Six Thousand Only ₹6,000.00 Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by

۲





Date: 15/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Anshu Rawal

ŝ

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

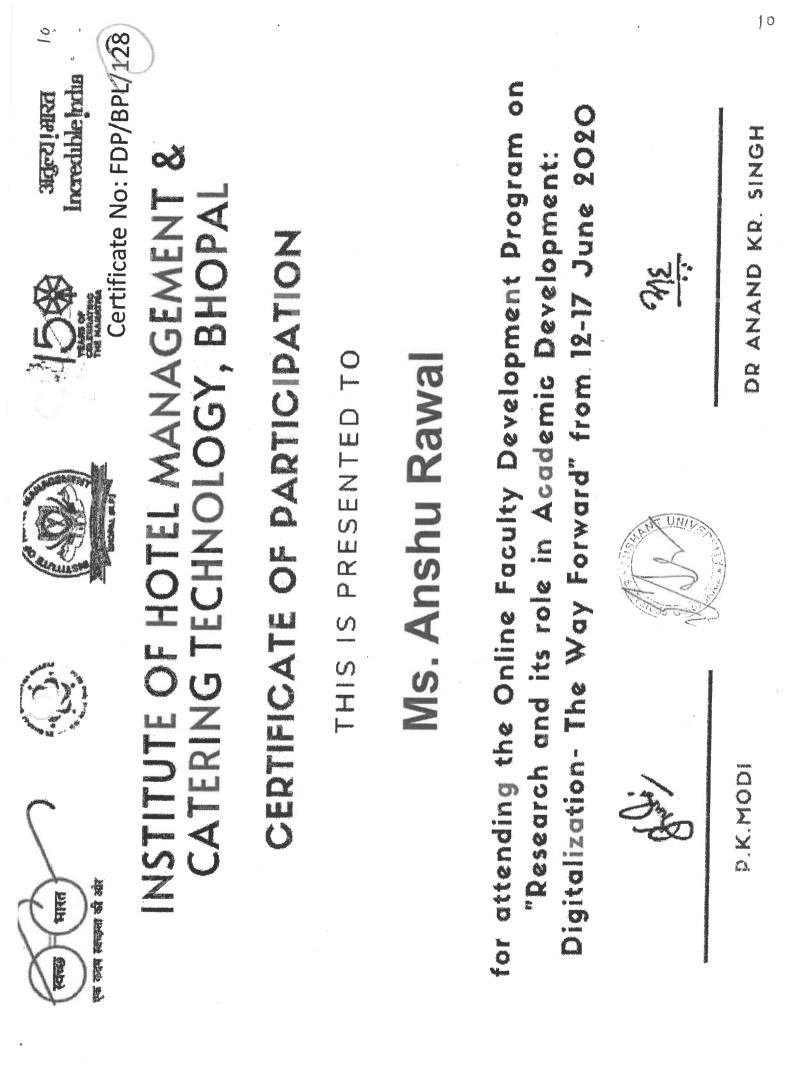
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Payment Voucher

No. 1533 2 Dated : 21/8/2020 Particulars Amount Account : Anshu Rawal-AU0574 6,000.00 Through : Cash in Hand On Account of : Participation in National FDP on "Research & its Role in Academic development: Digitalization the way forwrad Amount (in Words) : Indian Rupees Six thousand only ₹6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 9/2/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. ARJUN KAMAL

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





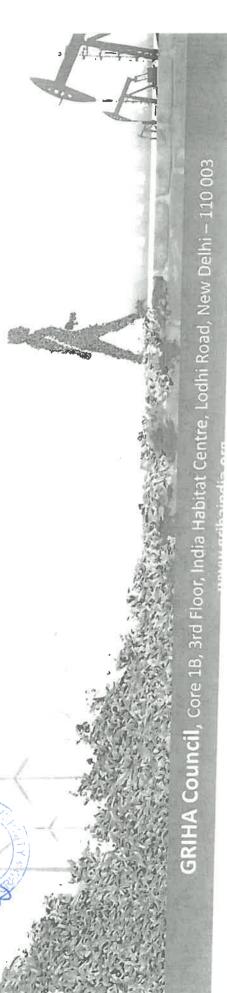
Associated Professionals and Environmental Experts

Year 2020

Membership Certificate

Name: Arjun Kamal

Member ID: APEX_2604202345415 Valid Till : April, 2021



11

Payment Voucher

No. * 3692 Dated : 23/2/2021 Particulars Amount Account : ARJUN KAMAL-AU0456 5,000.00 Through : Cash in Hand On Account of : Membership of Associated Professional & Environmental Experts Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 9/2/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Aruna Bhardwaj

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Year 2020



Associated Professionals and Environmental Experts

Membership Certificate

Name: Aruna Bhardwaj

Member ID: APEX_2604202345418 Valid Till : April, 2021



Payment Voucher

No. 3693		Dated : 23/2/2021	
Particu	lars	Amount	
Account :			
Aruna Bhardwaj-AU0179		5,000.00	
Through :			
Cash in Hand			
Cash in Hand			
On Account of :			
Membership of Asso	ociated Professional & Environmental Experts		
Amount (in Words) :			
	Five Thousand Only		
·		₹ 5,000.00	
	1	5	
Jo	habry	HT "	
Receiver's Signature		Authorised Signatory	
Х	\wedge		
+	A		
Prepared by	Checked by	Verified by	





Date: 9/2/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Ashwini Kher

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Associated Professionals and Environmental Experts

Membership Certificate

Name: Ashwini Kher

Member ID: APEX_2604202345421 Valid Till : April, 2021



l, Core 1B, 3rd Floor, India Habitat Centre, Lodhi Road, New Delhi – 110 003

SRIHA COUNCI

Payment Voucher

No. : 3694

Γ

Prepared by

Dated : 23/2/2021

Particulars	Amount
Account :	
Ashwini Kher-AU0632	5,000.00
Through :	
Cash in Hand	
On Account of :	
Membership of Associated Professional & Environmental Experts	
Amount (in Words)	
Indian Rupees Five Thousand Only	
	₹ 5,000.00
	1.5
Receiver's Signature Akley	4A
Receiver's Signature	Authorised Signatory

Checked by

Verified by



Date: 7/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Astha Mehta

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

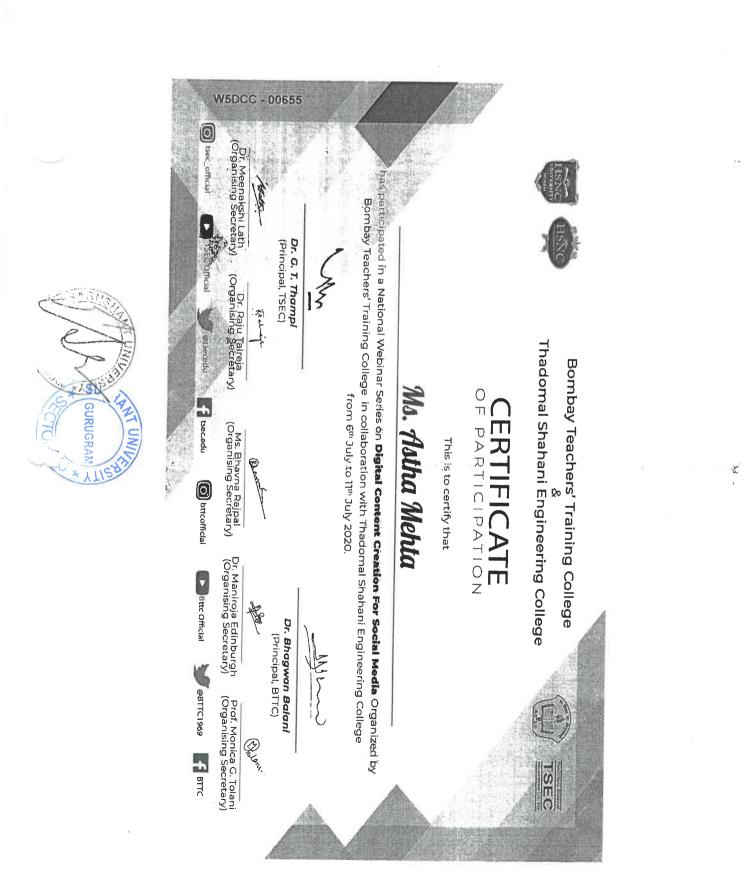
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Payment Voucher

No. 1549 3 Dated : 24/8/2020 Particulars Amount Account : Astha Mehta-SU0959 6,000.00 Through : Cash in Hand On Account of : Participation in National Webinar Series on 'Digital Content Creation for Social Media' Organised by Bombay Teachers' Training College in collaboration with Thadomal Shahani Engineering College Amount (in Words) : Indian Rupees Six Thousand Only ₹ 6,000.00 Receiver's Signature

Checked by

Prepared by

Authorised Signatory

Verified by





Date: 8/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Atul Kumar Agarwal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.







Recognized by TSCHE, Approved by AICTE, Affiliated to Osmania University Accredited by NBA and NAAC 'A' Grade, Listed in UGC 2F

Ph: 6309012442/43, Fax: 040-6625 3642, Website: www.lords.ac.in, Email: principal@lords.ac.in Himayathsagar, Golconda Post, Near TSPA Junction, Hyderabad-500 091, Telangana, India (First Muslim Minority Engineering Institution in Telangana with Autonomous status) S

s-certificate Of Rarticipation

This is to certify that

Atul Kumar Agarwal

Sushant University, Gurgaon, Haryana

has participated in the One week online National level Faculty Development Program "ROLE OF MATHEMATICS IN LATEST BUSINESS TRENDS" organized

by the Department of Mathematics, under Department of Science and Humanities,

Lords institute of engineering and technology

from 4th June 2020 to 10th June 2020

Mr. Md Lishad

Dr J Sasi Kiran Dean I Year

Dr.C.V.Narsimhul u Principał



Payment Voucher

Dated : 14/8/2020
Amount
6,000.00
₹ 6,000.00

Prepared by

Checked by

Authorised Signatory

Verified by

15





Date: 5/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Avitesh

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



F. No AICTE/FDP-SU/Online/Workshop/201/54065 participated and successfully completed the 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 1 This is to certify that Ms. Avitesh from Sushant School of Art and Architecture, Gurugram has Member Secretary, AICTE Prof. Rajive Kumar ALL INDIA COUNCIL FOR TECHNICAL EDUCATION 202 NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI Roh National Coordination Committee for Induction Program February, 2021 to 5 February, 2021. Dr. Rajneesh Arora ter e Chairman UCTE

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. 3712 :

Dated : 10/3/2021

Particulars	Amount
Account :	
Avitesh-AU0483	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Inculcating Universal Human Values in technical education	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
-	₹ 5,000.00

Receiver's Signature

X

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 17/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Bindu Thakral

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 10,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Applied Electronics

Dr. Bindu Thakral Kamal Singh



Foundation Publishing House



17

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

Particulars	Amount
Account :	
Bindu Thakral-AU0043	10,000.00
Through :	
Cash in Hand	
On Account of :	
Book: Applied Electonics	
Amount (in Words) :	
Indian Rupees Ten Thousand Only	
	₹ 10,000.00
16.7	د
Q Barrow	nat.
Receiver's Signature	Authorised Signatory
Receiver's Signature	A de la constanti de
× &	
Prepared by Checked by	Verified by



Date: 15/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Chandana paul

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

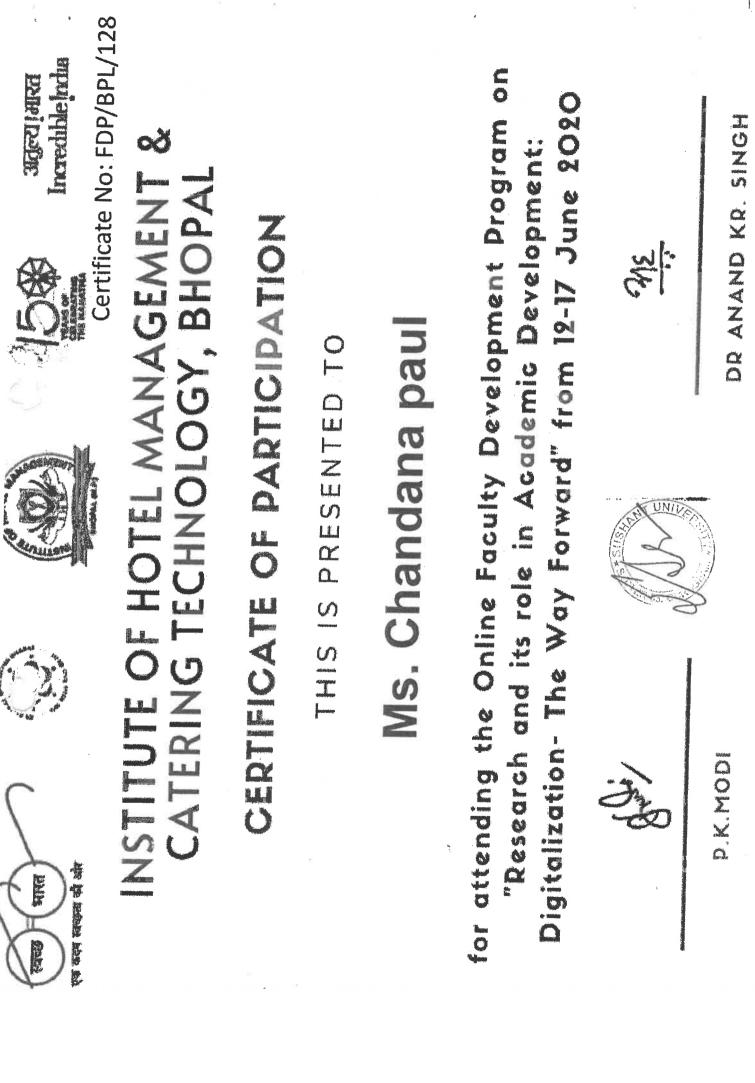
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Payment Voucher

No. 1534	Dated : 21/8/2020
Particulars	Amount
Account :	
Chandana paul-AU0580	6,000.00
Through	
Cash in Hand	
On Account of :	
Participation in National FDP on "Research & its Role in Academic development: Digitalization the way forwrad	
Amount (in Words) :	
Indian Rupees Six thousand only	
	₹ 6,000.00
	0- 2
Receiver's Signature	"The second s
	Authorised Signatory
4	
1 XIZ	

Prepared by

Checked by



Verified by



Date: 3/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Chhavi Singla

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 7,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





21:42 | 5.2KB/s 🕥

-

..... 3 3 3

寺寺山

a

Compléte Book-mi...

RECENT ADVANCES IN PHARMACEUTICAL SCIENCES

Volume - 5

Chief Editor

Dr. Chhavi Singla Professor, School of Health Sciences, Department of Pharmacy, Sushant University erstwhile Ansal University, Gurgaon, Haryana, India



Sushant School Of Health Sciences **Ansal University**



AkiNik Publications 169, C-11, Sector - 3, Rohini, Delhi-110085, India Toll Free (India) – 18001234070 Phone No. – 9711224068, 9911215212 Email – akinikbooks@gmail.com

Chief Editor: Dr. Chhavi Singla

The author/publisher has attempted to trace and acknowledge the materials reproduced in this publication and apologize if permission and acknowledgements to publish in this form have not been given. If any material has not been acknowledged please write and let us know so that we may rectify it.

© AkiNik Publications Publication Year: 2021 Pages: 92 ISBN: 978-93-91216-76-4 Book DOI: https://doi.org/10.22271/ed.book.1226 Price: 1698/-



Sushant School of Health Sciences **Ansal University**

Contents

٠,

Cha	pters	Page No.
1.	Huntington's Chorea: A Review on Pathogenesis and Biomarkers	01-27
	(Desai Sneha, Krishnu KL, Ayachit Shreyas, Nandini HS and Scema Mehdi)	
2.	Spices and Culinary Herbs: Phytoconstituents and Health Benefits	29-45
	(Mithun Rudrapal, Aniket P. Kothawade and Shubham J. Khairnar)	
3,	Role of Biomarkers in Disease Diagnosis	47-66
	(Anuja Chopra, Navpreet Kaur, Divneet Kaur and Davinder Kaur)	
4.	Bioinformatics Innovation & Intellectual Property Rights (Divyansh Sehgal)	67-77
\$.	Host Immune Responses and Drug Interaction against T. evansi	79-92
	(Abhishek Hota, Kaveri Jambagi, Nishiswapna Garanayak, Amrita Pritam, Siddharth Ranabijuli and Niranjan Barikj	-



Sushant School Of Health Sciences Ansal University

Gurgaon

Payment Voucher

No. 3711 :

Chhavi Singla-AU0650

Particulars

Amount
7,000.00

Through :

Account :

Cash in Hand

On Account of :

Book: Recent Advances in Pharmaceutical Sciences

Amount (in Words) :

Indian Rupees Seven Thousand Only

Prepared by

Receiver's Signature

Checked by

Authorised Signatory

₹7,000.00

Verified by



Dated : 10/3/2021



Date: 4/1/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Deepak Miglani

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Kalan (Somipat) and has obtained grade A 17th December 2020 organized by UGC-Human Resource Development Center, B.P.S. Mahila Vishwavidyalaya, Khanpur participated in 2 Week on fine Refresher Course in "Low, Human Rights and Social Transformation " from 4th December to This is to certify that Dr. Deepak Miglani, Assistant Professor, School of Law Dr. Parmod Malik Coordinator Note: *Grade A + : 85% percent and above & Grade A: 70% to less than or equal to 84%. *You may scan the QR code for verification UGC-HUMAN RESOURCE DEVELOPMENT CENTRE Bhagat Phool Singh Mahila Vishwavidyalaya Certificate of Participation Khanpur Kalan Sonipat-131305 Haryana http://sites.google.com/view/bpsmvhrdc affiliated to Sushant University Dr./Mahèsh Sharma Director topale PSR and + 5 - 2 - 1 Ref. No. : UGC/HRDC/04-01-2021/ 12888 Prof. Sushina Yadava (24/17/64 2020 (24/17/2) Vice-Chancellor

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. :	No. : 3636	
	Particulars	Amount
Account :		
Deepak	Miglani-AU0313	5,000.00
Through :		
-	ash in Hand	
On Account	of :	
Socia	sipation in State level Refresher Course in "Law, Human Rights and I Transformation" organized by UGC-HRD Centre, BPS Mahila vavidyalaya, Sonepat	
Amount (in V	Vords) :	
	dian Rupees Five Thousand Only	
	· · ·	₹ 5,000.00

Receiver's Signature Page

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 9/2/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Deepak Thakur

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



AL INDIA MANAGEMENT ASSOCIATION

ALL INDIA MANAGEMENT ASSOCIATION CERTIFICATE OF MEMBERSHIP

This is to certify that

Deepak Thakur

is admitted as a

Professional Individual Member

of

All India Management Association in recognition of commitment to professional management and the objectives of the Association Given under the common seal of All India Management Association



2020

Director General

AIMA, as the apex body of the Management Profession in the country, has been in the forefront fostering and enhancing excellence in management, entrepreneurship and leadership. With its contribution towards the development of professional management over the past six decades, AIMA has acquired a unique position not only in India, but in all of Asia. 21

THE STORESS OF THE ST

Payment Voucher

No. : 3695	Dated : 23/2/2021
Particulars	Amount
Account :	
Deepak Thakur-AU0626	6,000,00
Through :	
Cash in Hand	
On Account of :	
Membership of All Indian Management Association	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
Receiver's Signature	Authorised Signatory
Prepared by Checked by	Verified by



21



Date: 18/9/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Deepika Bajaj

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



An Autonomous Institute Affiliated to JNTUK, Kakinada

2



Training Tomorrow's

CERTIFICATE OF PARTICIPATION

This is to certify that

Deepika Bajaj

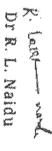
has participated in the One-Week Online Faculty Development Programme on " Digital Marketing and Business Analytics "

organized by G M R Institute of Technology, Rajam, Andhra Pradesh, India,

during August 16 - 22, 2020.

Dr R. K. Dash Ro al CONVENOR

Dr Simhachalam.T to



CO-CONVENOR

Dr. J. Raja Murugadoss Dr. C. L. V. R. S. V. Prasad

1

文

DEPARTMENT HEAD VICE PRINCIPAL

PRINCIPAL

Payment Voucher

No. : 3614 Dated : 1/2/2021 Particulars Amount Account : Deepika Bajaj-AU0549 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on Digital Marketing & Business Analytics Amount (in Words) Indian Rupees Six Thousand Only ₹6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 9/2/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. DEEPIKA RAINA

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





ALL INDIA MANAGEMENT ASSOCIATION CERTIFICATE OF MEMBERSHIP

This is to certify that

Deepika Raina

is admitted as a

0

Professional Individual Member

of All India Management Association in recognition of commitment to professional management and the objectives of the Association Given under the common seal of All India Management Association



2020

Director General

AIMA, as the apex body of the Management Profession in the country, has been in the forefront fostering and enhancing excellence in management, entrepreneurship and leadership. With its contribution towards the development of professional management over the past six decades, AIMA has acquired a unique position not only in India, but in all of Asia.

Payment Voucher

No, 2 3696 Dated : 23/2/2021 Particulars Amount Account : **DEEPIKA RAINA-AU0440** 6,000.00 Through : Cash in Hand On Account of : Membership of All Indian Management Association Amount (in Words) : Indian Rupees Six Thousand Only ₹ 6,000.00 Receiver's Signature Authorised Signatory Prepared by Checked by Verified by



Date: 5/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Dinesh Rai

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



						24
Dr. V. Ramachande in Director Centre for Faculty Development STC, Pollachi, Coimbatore, India	Sushant University, Gurgaon Online Faculty Development Programme on Professional and Communicative Ei and Foreign Languages, Bharathiar University, Coimbatore, Tamilnadu, India and College, Pollachi, Coimbatore, Tamilnadu, India from 16.02.2021 to 22.02.2024	This is to certify that				а. А
Prof. R. Padinanaban Dean, Academic Affairs STC, Pollachi, Coimbatore, India	Sushant University, Gurgaon elopment Programme on Professional and Comm ges, Bharathiar University, Coimbatore, Tamilnad simbatore, Tamilnadu, India from 16.02.2021 to 2	Dinesh Rai	Certific	A Six-Day Online Faculty Development Programme on Professional and Communicative English		
Dr. J. Das Head, Dept. of English STC, Pollachi Colmbatore, India	Gurgaon nal and Communicative I tore, Tamilnadu, India ar 5.02.2021 to 22.02.2024	h Rai	Certificate of Participation	ix-Day Online Faculty Development Programme (Professional and Communicative English	Bharathiar University, Coimbatore Department of English and Foreign Languages ^{and} Sree Saraswathi Thyagaraja College, Pollachi Department of English	
Dr. P. Nagaraj Associate Professor and Head, Dept. of English and Forlegn Langages, Bharadhar University, Coimbatore, India	Sushant University, Gurgaon has actively participated in the Six-day Online Faculty Development Programme on Professional and Communicative English organised jointly by the Department of English and Foreign Languages, Bharathiar University, Coimbatore, Tamilnadu, India and Department of English, Sree Saraswathi Thyagaraja College, Pollachi, Coimbatore, Tamilnadu, India from 16.02.2021 to 22.02.2024		cipation	nt Programme on ative English	imbatore Pign Languages Illege, Pollachi	
Dr. A. Somu Principal STC, Pollachi Coimbatore, India	ted in the Six-day artment of English swathi Thyagaraja	fiom				

Payment Voucher

No. 3713

Dated : 10/3/2021

Particulars	Amount
Account :	
Dinesh Rai-AU0033	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Professional & Communicative	
English, Bharthiar University, Coimbatore, Tamilnadu	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
. A-Rai	and the
Receiver's Signature	Authorised Signator
	Autonised Signator
X Q	

4

Prepared by

Checked by

Verified by





Date: 14/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Ekta gyani

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

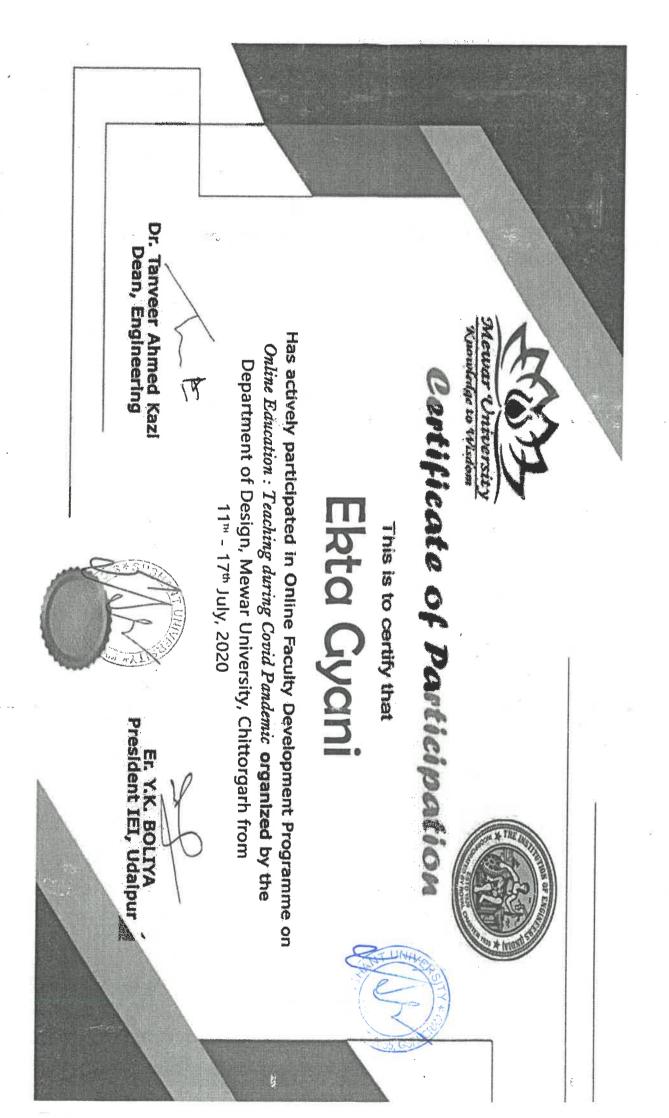
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Payment Voucher

No. 1551 Dated : 24/8/2020 1 **Particulars** Amount Account : Ekta gyani-AU0352 6,000.00 Through Cash in Hand On Account of : Participation in National level FDP on online education: Teaching during **Covid Pandemic** Amount (in Words) : Indian Rupees Six Thousand Only ₹ 6,000.00

Authorised Signatory

Verified by



20

Receiver's Signature

Prepared by

Checked by



Date: 9/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Garima Bakshi

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Dr B R Ambedkar University Delhi, New Delhi

Established by The Government of NCT of Delhi

This Certificate is presented to

Garima Bakshi

of Sushant University for his participation in one week online faculty Development Program on "3D Printing Technologies" held during 7th october to 12th october 2020

Prof Amol Padwad DIRECTOR, IQAC WORKSHOP DIRECTOR **Dr Ramesh Sharma**

Payment Voucher

No. : 3638 Dated : 8/2/2021 Particulars Amount Account : Garima Bakshi-AU0040 5,000.00 Through : Cash in Hand On Account of : Participation in State level FDP on 3-D printing Technologies, Dr B R Ambedkar University, New Delhi Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 15/1/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Garima Parkash

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





SHODH SANCHAR BULLETIN

Vol. 10, Issue 40, October-December, 2020

Page Nos. 124-129

AN INTERNATIONAL BILINGUAL PEER REVIEWED REFEREED RESEARCH JOURNAL

UNDERSTANDING THE IMPACT OF HOSPITAL MEAL ORDERING SYSTEM ON PATIENT MEAL CONSUMPTION IN PRIVATE HOSPITALS AROUND THE GLOBE. Prof. Dr. Garima Parkash**

ABSTRACT

Malnutrition in patients admitted at private hospitals can be combatted with the help of nourished meals, which in turn will increase the meal consumption rate and aids in speedy Patient's speedy recovery. Most hospitals in India especially private hospitals have a fixed cyclic menu for general ward patients and offer very limited meal choices as they focus more on patient's treatment and medical procedures rather than provision of meals and most important providing meals based on patient's preferences and likings. The result is lower meal consumption rate in private hospitals of Delhi. A positive shift has been seen lately in the hospital Administration, with the increase in the amount of research on the role of nutritional food and its positive impact on patient's overall well-being and recovery. Hospitals now give equal emphasis (if not more) to the Meal Production, Variety and delivery system. The Research provides an insight to the role of Patient Centric meal ordering system in improving patient's meal intake. The aim of the research is to list down an Alternate way i.e. through Room service type meal ordering system where the patient's have a flexibility to choose food items of their choice taking into consideration their Health status and medical restrictions. With the Concept of E-Menus followed by most of the known private hospitals outside India. A shift in the thought process of Hospital administration is the need of the hour. Collaborative innovative methods are required to improve patient's nutritional Intake besides set meals addressed as so-called balanced meals or therapeutic meals that lacks in Texture, Eye appeal and other meal related attributes.

Keywords: Nutritional, Cyclic, Collaborative, Consumption, Administration

Introduction

Optimal nutritional management and proper patient care becomes very important to avoid clinical issues in patients. Use of advance technology specially in hospitals outside India such as electronic medical records, electronic medication management, and other Wellbeing organizations, institutions & Medicinal information technology and advancements have played a key role in improving patient wellbeing, Food Hygiene, safety and clinical decision making in hospitals. (Prgomet et al, 2017 & Georgiou et al, 2011). One of the serious issues hospitals face today is Malnutrition. It is often associated with prolong hospital stay, readmissions, increased hospital infection and even higher mortality rates (Correia & Waitzberg, 2003). Electronic meal ordering systems (EMO) benefits the patient by enhancing efficiency of food service, monitoring of nutritional content, including fluid intake for individual patient and hence helps in identifying malnutrition in patients (Conrick, 2011 & Skouroliakou et al, 2009).

Review of Literature

Presence of chronic disease may impact patient's dietary intake (Pennington, 1998 and Akner & Cederholm, 2001). This may be further influenced by interruptions in meal timings (porter at al, 2015). Furthermore poor consumption can also result from the

**Dean - Vatel Hotel & Tourism Business School, Ansal University, Gurugram.

Vol. 10 # Issue 40 * October to December 2020 SHODH SANCHAR BULLETIN 124

^{*}Research Scholar - G.D Goenka University, Sohna, Gurugram

BI-LINGUAL INTERNATIONAL RESEARCH JOURNAL

Gurgaon

Payment Voucher

No. : 3670

Dated : 12/2/2021

Particulars	Amoun
Account :	
Garima Parkash-AU0655	5,000.00
Through :	
Cash in Hand	
On Account of :	
Research Paper on "Understanding tthe impact of hospital meal ordering	
system on patient meal consumption in private hospitals around the globe"	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00
λ.	la
Receiver's Signature	191
Descinada Clausetura	thorised Signator

Prepared by

Checked by

6

Verified by





Date: 30/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Goutam Datta

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



International Institute of Organized Research

Goutam Datta

Br. S. Negi Gurugerandourse Coordinator is hereby awarded this certificate of achievement for the successful E-Content Development held from 1st June to 5th June 2020. completion of 5 Day Faculty Development Program on Credit: 1 INN Y Course Duration: 15 Hours I2OR 7th June 2020 Date of Issue

Payment Voucher

No. : 1912

Dated : 15/9/2020

Particulars	Amount
Account :	
Goutam Datta-AU0225	5,000.00
Through :	*
Cash in Hand	
On Account of :	
Participation in FDP On E Content Development	
Amount (in Words) :	÷:
Indian Rupees Five Thousand Only	
	₹ 5,000.00
- GI	no y
Receiver's Signature Golla	Authorised Signator
Receiver's Signature Golla	Autioused oignator
K Q	
Prepared by Checked by	Verified by
Prepared by Checked by	





Date: 30/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Gunjan Arvind Rana

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



International Institute of Organized Research

Gunjan Arvind Rana

is hereby awarded this certificate of achievement for the successful E-Content Development held from 1st June to 5th June 2020. completion of 5 Day Faculty Development Program on

Course Duration: 15 Hours Credit: 1

Date of Issue 7th June 2020



Payment Voucher

No. Dated : 15/9/2020 1913 с. Particulars Amount Account : Gunjan Arvind Rana-AU0559 5,000.00 Through : Cash in Hand On Account of : Participation in FDP On E Content Development Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00

Authorised Signatory

Verified by

Prepared by

Checked by

Receiver's Signature



Date: 11/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Harminder Singh

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 10,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





. Gurgaon

Payment Voucher

No. : 1550	Dated : 24/8/2020
Particulars	Amount
Account :	
Harminder Singh-AU0491	10,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Role of Mathematics in latest designing trends	
Amount (in Words) :	
Indian Rupees Ten Thousand Only	
	₹ 10,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 29/5/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. HARNEET KAUR

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Sector 55 Gurbertain Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





CERTIFICA TE



Faculty Development Program (27th April – 1st May, 2020)

This is to certify that

Dr/Mr/Ms Harneet Kaur

from ANSAL UNIVERSITY, GURGAON has successfully completed one week online Faculty Development Program on "Skill Set in Design Research"

during 27th April to 1st May, 2020.

Organized by

Chaudhary Bansi Lal University, Bhiwani, India

Organizing Secretary Mitthewer 2 Call Bhimmi (Mohit Rewari)

Vither Lamay (Vikas kumar) Convener

(Khawza I Ahmed)

Convener

(Sunita Bharatwal) CRI II Rhimoni

Co-Convener Xuir

Kursen If they U. K. J

Gurgaon

Payment Voucher

No. : 1455	
Particulars	Amount
Account :	
HARNEET KAUR-AU0350	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in State level FDP on Skill set in Design Research	
Amount (in Words) :	
Indian Rupees Five Thousand Only	-
	₹ 5,000.00

Receiver's Signature Aameetkaw

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 29/5/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Himanshu sanghani

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





CERTIFICA TE

ł 27



Faculty Development Program (27th April - 1st May, 2020)

This is to certify that

Dr/Mr/Ms Himanshu Sanghani

from ANSAL UNIVERSITY, GURGAON has successfully completed one week online

Faculty Development Program on "Skill Set in Design Research"

during 27th April to 1st May, 2020.



Organized by

Chaudhary Bansi Lal University, Bhiwani, India

Klauger If there U. Kand

Victory Eaner (Vikas kumar) Convener

32

(Khawza I Ahmed) Convener



Organizing Secretary Matheme Col II Dhimmi (Mohit Kewari)

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 1465		Dated : 7/8/2020	
Part	iculars	Amount	
Account :			
Himanshu sanghan	i-AU0011	5,000.00	
		2	
Through :			
Cash in Ha	nd		
On Account of :			
Participation in	State level FDP on Skill set in Design Rese	arch	
Amount (in Words) :			
	ees Five Thousand Only		
		₹ 5,000.00	
		10	
Receiver's Signature	Rimanden	Authorised Signator	
1		0	
X	1 in		
Prepared by	Checked by	Verified by	
		TIRIA	
		The states	

32



Date: 9/2/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Inderjeet Kaur

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 7,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

ant University

Regards, Contor dis Contegram Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road

Gurgaon

Payment Voucher

Particulars	Amount
Account :	
Inderjeet Kaur-AU0535	7,000.00
Through :	4
Cash in Hand	
On Account of :	
Membership of Indian Economic Association	
Amount (in Words) :	
Indian Rupees Seven Thousand Only	
	₹ 7,000.00
\cap	12
Receiver's Signature	Authorized Signatory
Start Start	TU ST
4 2	
Prepared by Checked by	Verified by
	NTUNIVER





Date: 5/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Isha Saini

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Dr. V. Ramachandran Director Centre for Faculty Development STC, Pollachi, Colmbatore, India	This is to certify that Isha Saini Sushant University, Gurgaon Online Faculty Development Programme on Professional and Communicativ and Foreign Languages, Bharathiar University, Coimbatore, Tamilnadu, India College, Pollachi, Coimbatore, Tamilnadu, India from 16.02.2021 to 22.02.202		Α		
Prof. R. Padmanaban Dean, Academic Affairs STC, Poliachi, Coimbatore, India	Isha Saini Sushant University, Gurgaon elopment Programme on Professional and Comm ges, Bharathiar University, Coimbatore, Tamilnadu, India from 16.02.2021 to 2	Certifica	A Six-Day Online Faculty Development Programme on Professional and Communicative English	Sree Saraswath Dei	Bharathiar Universit Department of English and
Dr. J. Das Dr. J. Das Head, Dept. of English STC, Pollachi Colmbatore, India	Saini Gurgaon nal and Communicative I tore, Tamilnadu, India au 5.02.2021 to 22.02.2021	Certificate of Participation	ix-Day Online Faculty Development Programme or Professional and Communicative English	^{and} Sree Saraswathi Thyagaraja College, Pollachi Department of English	\sim
Dr. P. Nagaraj Dr. P. Nagaraj Associate Professor and Head, Dept. of English and Forlegn Langages, Bharathiar University, Coimbatore, India	This is to certify that Isha Saini from Sushant University, Gurgaon has actively participated in the Six-day Online Faculty Development Programme on Professional and Communicative English organised jointly by the Department of English and Foreign Languages, Bharathiar University, Coimbatore, Tamilnadu, India and Department of English, Sree Saraswathi Thyagaraja College, Pollachi, Coimbatore, Tamilnadu, India from 16.02.2021 to 22.02.2021	cipation	nt Programme on ative English	sh Albaot	, Coimbatore Foreign Languages
Dr. A. Sornu Principal STC, Pollachi Coimbarore, India	from ted in the Six-day artment of English swathi Thyagaraja				

'34

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. 3714 Dated : 10/3/2021 Particulars Amount Account : Isha Saini-AU0359 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on Professional & Communicative English, Bharthiar University, Coimbatore, Tamilnadu Amount (in Words) : Indian Rupees Six Thousand Only ₹ 6,000.00

Stasamis Receiver's Signature

Prepared by

Checked by

Authorised Signatory





Date: 18/9/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Jagat Narayan Giri

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



GMR Institute of Technology An Autonomous Institute Affiliated to JNTUK, Kakinada 35



CERTIFICATE OF PARTICIPATION

This is to certify that

Jagat Narayan Giri

has participated in the One-Week Online Faculty Development Programme on

" Digital Marketing and Business Analytics "

organized by G M R Institute of Technology, Rajam, Andhra Pradesh, India,

during August 16 - 22, 2020.

Dr R. K. Dash

Dr Simhachalam.T Dr R. L. Naidu

CO-CONVENOR DEPARTMENT HEAD

Dr. J. Raja Murugadoss Dr. C. L. V. R. S. V. Prasad

7.

VICE PRINCIPAL

PRINCIPAL

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. Š. 3620

Dated : 4/2/2021

Particulars	Amount
Account :	
Jagat Narayan Giri-AU0464	6,000.00
Through :	
Cash in Hand	
4	
On Account of :	
Participation in National level FDP on Digital Marketing & Business Analytics	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
	ant-
eceiver's Signature	uthorised Signatory

Prepared by

Checked by

4

.

Verified by





Date: 31/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Jayanti Nadesalingam

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Recognized by TSCHE, Approved by AICTE, Affiliated to Osmania University (First Muslim Minority Engineering Institution in Telangana with Autonomous status) Accredited by NBA and NAAC 'A' Grade, Listed in UGC 2F

Ph: 6309012442/43, Fax: 040-6625 3642, Website: www.lords.ac.in_Email: principal@lords.ac.in Himayathsagar, Golconda Post, Near TSPA Junction, Hyderabad-500 091, Telangana, India

certificate Of Sarticipation

This is to certify that

AVANTI NADESALINGAM

Sushant University, Gurgaon, Haryana

has participated in the One week online National level Faculty Development Program by the Department of Mathematics, under Department of Science and Humanities, "ROLE OF MATHEMATICS IN LATEST DESIGNING TRENDS" organized

Lords institute of engineering and technology

from 9th july to 14th july 2020 Kiran Dean I Year **Dr J Sasi** Dr.C.V.Narsimhul L

Principal

Mr. Md Lyshad HOD

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

1548 Particulars Account : Jayanti Nadesalingam-AU0233

Through :

No.

1

Cash in Hand

On Account of :

Participation in National level FDP on Role Of Mathematics In Latest **Designing Trends**

Amount (in Words) :

Indian Rupees Six Thousand Only

Receiver's Signature

Prepared by

Checked by



₹6,000.00

Dated : 24/8/2020

6,000.00

Amount





Date: 30/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Kankan Kataria

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

cter 55



International Institute of Organized Research

Kankan Kataria

Murucram Course Coordinator is hereby awarded this certificate of achievement for the successful Dr. S. Negi E-Content Development held from 1st June to 5th June 2020. completion of **5 Day Faculty Development Program** on Credit: 1 Course Duration: 15 Hours I2OR Date of Issue 7th June 2020

1201 ECD FDP 0620-00108

http://www.2or.com

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 1914 Dated : 15/9/2020 **Particulars** Amount Account : Kankan Kataria-AU0262 5,000.00 Through : Cash in Hand On Account of : Participation in FDP On E Content Development Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00

Receiver's Signature Kanhanhatania

Prepared by

Checked by







Date: 14/1/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Kanu Priya

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

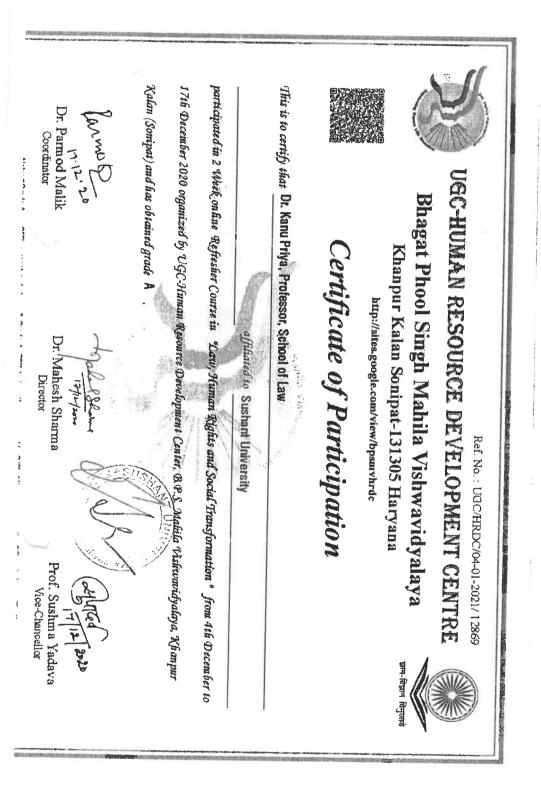
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





38

Fr.

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 3669	Dated : 12/2/2021
Particulars	Amount
Account :	
Kanu Priya-AU0547	5,000.00
	2
Through :	
Cash in Hand	
On Account of :	
Participation in State level Refresher Course in "Law, Human Rights an Social Transformation" organized by UGC-HRD Centre, BPS Mahila Vishwavidyalaya, Sonepat	nd
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00
Receiver's Signature Handburgh	Authorised Signatory
4	

V Prepared by

Checked by

Verified by



.



Date: 30/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. KANUPRIYA DEOL

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



International Institute of Organized Research

KANUPRIYA DEOL

GURUGRAM ZOURSE Coordinator is hereby awarded this certificate of achievement for the successful E-Content Development held from 1st June to 5th June 2020. completion of 5 Day Faculty Development Program on Credit: 1 Course Duration: 15 Hours I2OR Date of Issue 7th June 2020

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. 1915 Dated : 15/9/2020 Particulars Amount Account : **KANUPRIYA DEOL-AU0453** 5,000.00 Through : Cash in Hand On Account of : Participation in FDP On E Content Development Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00 Receiver's Signature Authorised Signatory

Checked by

Prepared by



39



Date: 13/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Kartikeya Chandra

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai) (Accredited by NAAC with 'A' Grade) [Accredited by NBA: B.E. - BME, CSE, ECE, EEE & B.Tech. - IT] Thindal, Erode – 638 012 Tamilnadu, India



Certificate of Participation

This is to certify that

Kartikeya Chandra

Sushant University, Gurgaon

has participated in Five α day Online Development Programme "Improving Faculty on Your Visibility Research ____ Research Impact and Metrics" Jintlu organized by Research and Development Cell and Internal Quality Assurance Cell from 13th May to 17th October, 2020.

Coordinator **R&D** Cell

Coordinator IQAC

Dr.M.Jayaraman Principal

4ô

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

Dated : 10/2/2021 Particulars Amount Account : Kartikeya Chandra-AU0100 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on Improving your research visibility-Research Impact and Metrics, Vellar College of Engg and Tech, Tamilnadu Amount (in Words) : Indian Rupees Six Thousand Only ₹6,000.00

Receiver's Signature

Prepared by

No.

ł

3650

Checked by



Verified by





Date: 20/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Kirti Dahiya

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

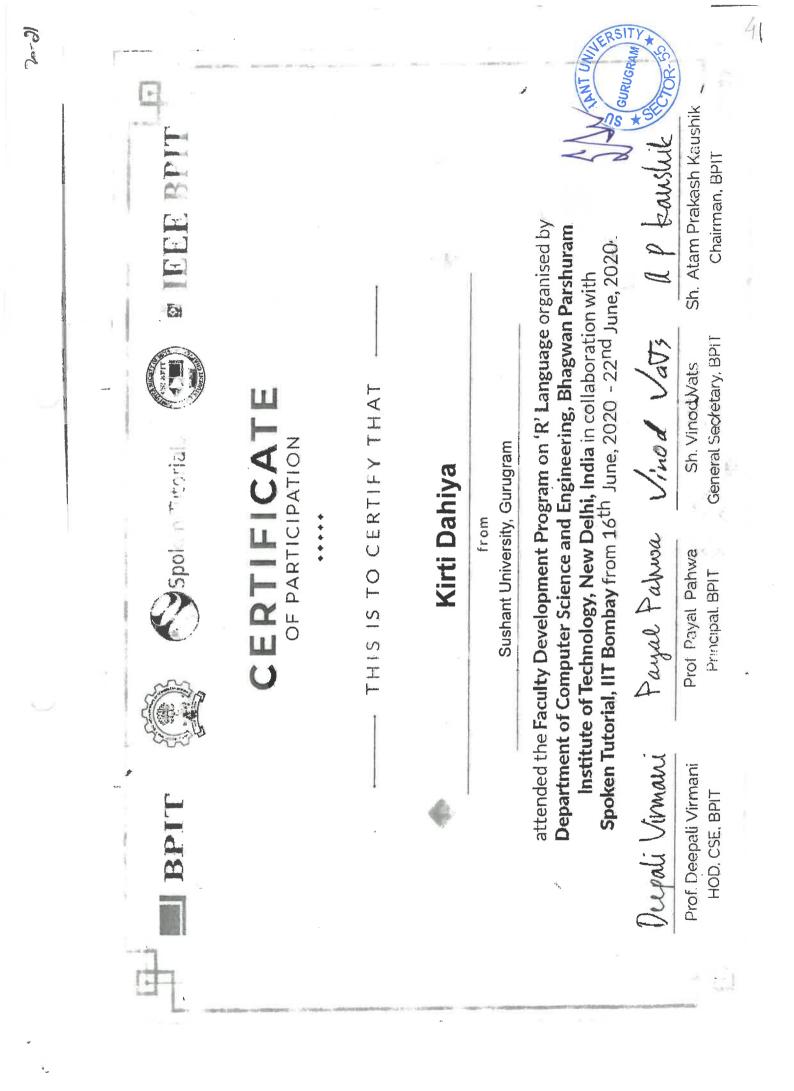
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

Particulars	Amount
Account :	
Kirti Dahiya-AU0648	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in R Language FDP by Department of Computer Science	
Amount (in Words) :	
Indian Rupees Five Thousand Only	34
	₹ 5,000.00

Receiver's Signature Kinti Day

Prepared by

Checked by

Authorised Signatory





Date: 19/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Kirti Mankotia

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Sector 65 Guruginam Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate



This is to certify that

KIRTI MANKOTIA

FROM

ANSAL UNIVERSITY, GURGAON

Participated in the Online AICTE Recognized Faculty Development Programme

on

Big Data Analytics

from

18-05-20 to 22-05-20 (One Week)

Organized by

Computer Science and Engineering Department

NITTTR, Chandigarh

42

Coordinator

Director

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. : 1471

Dated : 7/8/2020

Particulars	Amount
Account :	
Kirti Mankotia-AU0598	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National FDP on Big Data Analytics	
Amount (in Words) :	
Indian Rupees Six thousand only	
	₹ 6,000.00
Le velia	Parts
Receiver's Signature KMar Kotin	Authorised Signator
	Additional of Orginator
4 0	
N A	

Prepared by

Checked by





Date: 18/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Komal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





Justice Dipak Misra Call for Chapters- II

CERTIFICATE OF PUBLICATION

This Certificate is awarded to

DR. KOMAL

Chakrabarti bearing ISBN No. 978-81-947778-5-4. The Book shall bear a Foreward by **Hon'ble Justice Dipak Misra**, Former Chief Justice of India. and Opinions edited by Hon'ble Justice A.K. Sikri and Prof. Dr. N.K. STUDY'. The paper has been Published in the book, Global Thoughts in recognition of her Paper titled 'ROLE OF PUBLIC INFORMATION We congratulate her for the publication and wish success in future OFFICERS AGAINST RIGHT TO INFORMATION- AN ANALYTICAL endeavors.



Publishing Editor

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. 3940	Dated : 25/3/2021
Particulars	Amount
Account :	
Komal-AU0264	5,000.00
Through :	
Cash in Hand	
On Account of :	
Chapter on Role of Public Information Officers Against Right To Information- An Analytical Study'	
Amount (in Words) :	
Indian Rupees Five Thousand Only	Ŧ 5 000 00 s
	₹ 5,000.00 -

Prepared by

,

Checked by

ignatory 6





Date: 23/10/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Kulmohan Singh

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

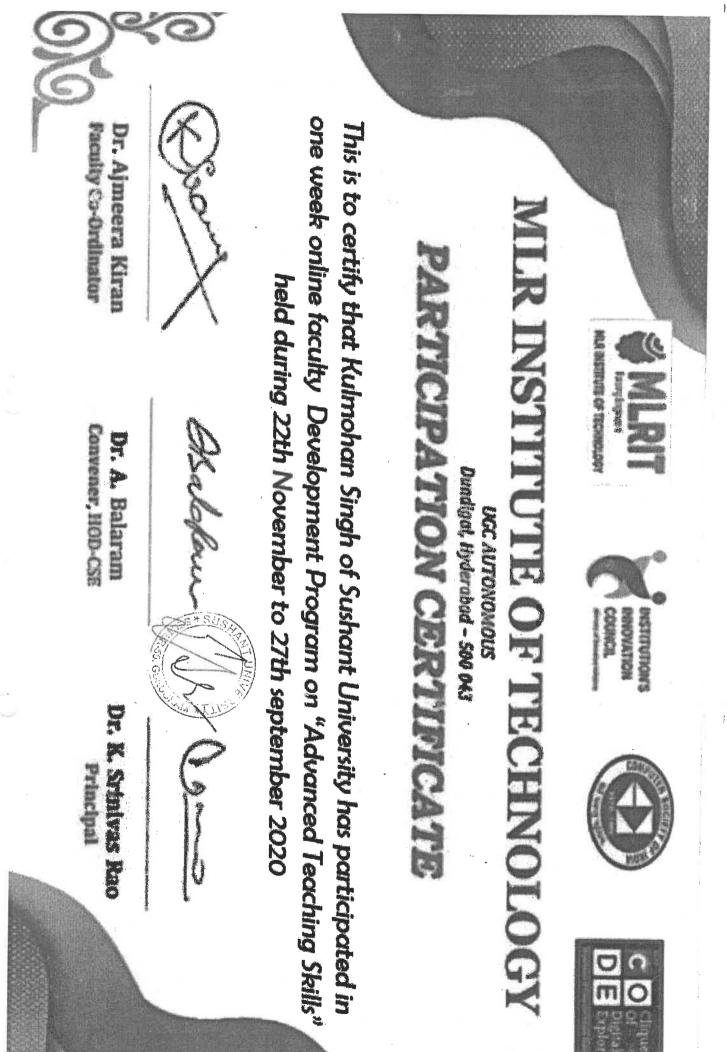
After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Goctor 55 Gurugram Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





Payment Voucher

No. : 3635

Prepared by

Dated : 8/2/2021

Particulars	Amoun
Account :	
Kulmohan Singh-AU0634	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Advanced Teaching Skills	
J - Mar	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
4.1.91	nol
Receiver's Signature	Authorized Signatory

Checked by

Verified by





Date: 13/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Kumud Ranjan Halder

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai) (Accredited by NAAC with 'A' Grade) [Accredited by NBA: B.E. - BME, CSE, ECE, EEE & B.Tech. – IT]

Thindal, Erode – 638 012



Tamilnadu, India



This is to certify that

Kumud Ranjan Halder

of

Sushant University, Gurgaon

has participated in Five dau Online a Faculty Development "Improving Programme on Your r search Visibility Impact and – Research Metrics" organized by Research and vointly Development Cell and Internal Quality Assurance Cell from 13th May to 17th October, 2020.

Coordinator R&D Cell

Coordinator IQAC

Dr.M.Jayaraman Principal

45

Payment Voucher

Particulars	Amount
Account :	
Kumud Ranjan Halder-AU0099	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Improving your research visibility- Research Impact and Metrics, Vellar College of Engg and Tech,	
Tamilnadu	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
durin	

Prepared by

Checked by

Verified by





Date: 8/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Latika Singh

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



Comparisons of Speech Parameterisation Techniques for Classification of Intellectual Disability Using Machine Learning

Gaurav Aggarwal, Manipal University Jaipur, Jaipur, India https://orcid.org/0000-0003-2261-1657

Latika Singh, Ansal University, Gurgaon, India

ABSTRACT

Classification of intellectually disabled children through manual assessment of speech at an early age is inconsistent, subjective, time-consuming and prone to error. This study attempts to classify the children with intellectual disabilities using two speech feature extraction techniques: Linear Predictive Coding (LPC) based cepstral parameters, and Mel-frequency cepstral coefficients (MFCC). Four different classification models: k-nearest neighbour (k-NN), support vector machine (SVM), linear discriminant analysis (LDA) and radial basis function neural network (RBFNN) are employed for classification purposes. 48 speech samples of each group are taken for analysis, from subjects with a similar age and socio-economic background. The effect of the different frame length with the number of filterbanks in the MFCC and different frame length with the order in the LPC is also examined for better accuracy. The experimental outcomes show that the projected technique can be used to help speech pathologists in estimating intellectual disability at early ages.

KEYWORDS

Classification, Intellectual Disability (ID), Linear Predictive Coding, Mel-Frequency Cepstral Coefficients,

1. INTRODUCTION

In social communication, speech performs an important role to express feelings, emotions and thoughts. Communication impairments affect the process of initial cognitive development which continues to further stages. Neurodevelopment disorders, specifically, Intellectual Disability, Autism, Stuttering and Down Syndrome directly affect the speech and language development. Intellectually disabled children are highly prone to developing some speech, vocal or language disability, which has adverse effect on language development.

According to (World Health Organization, 1980), children with intellectual disability usually have impairments in language and speech which further classifies in use and comprehension of the language, deficits of the linguistic function, learning disabilities and impairments of communication. ID children also face difficulties in speech production, voice functions and speech content. The disorder

DOI: 10.4018/IJCINI.2020040102

This article, originally published under IGI Global's copyright on April 1, 2020 will proceed with publication as an Open Access article starting on February 1, 2021 in the gold Open Access journal, International Journal of Cognitive Informatics and Natural Intelligence (converted to gold Open Access January 1, 2021), and will be distributed under the terms of the Creative Commons Attribution License (http:// creativecommons.org/licenses/by/4.0/) which permits unrestricted use, distribution, and production in any medium, provided the author of the original work and original publication source are properly credited.

Payment Voucher

No. : 1517

Dated : 14/8/2020

Particulars	Amount
Account	
Latika Singh-AU0523	5,000.00
Theorem	
Through :	
Cash in Hand	
On Account of :	
Participation in Comparisons of Speech Parameterisation Techniques for Classification of Intellectual Disability Using Machine Learning	
Amount (in Words) :	
Indian Rupees Five thousand only	
	₹ 5,000.00

Receiver's Signature Latin

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 15/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Laurent Guiraud

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



	/178				,		47
Incredible indua	EMENT & BHOPAL				rogram on ment: ne 2020		R. SINGH
Sectification of the section of the	ANAGEME GY, BHOP	OF PARTICIPATION	D T O	iraud	Faculty Development Program on le in Academic Development: Forward" from 12-17 June 2020	Ser.	DR ANAND KR. SINGH PRINCIPAL, IHM BHOPAI
	HOTEL M	E OF PART	THIS IS PRESENTED TO	Mr. Laurent Guiraud	e Faculty De role in Acade ay Forward" f	THE STATE OF THE S	
	NSTITUTE OF HOTEL MANAGEMENT & CATERING TECHNOLOGY, BHOPAL	CERTIFICATE	THIS	Mr. La	or attending the Online Faculty Development Prograr "Research and its role in Academic Development: Digitalization- The Way Forward" from 12-17 June 20	J.S.	Р.К.МОDI НОD. ІНМ ВНОРАL
	Z				for atte "Re Digital		d HOD

Payment Voucher

Particulars	Amount
Account :	
Laurent Guiraud-AU0343	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National FDP -IHM Bhopal Research & Its Role in Academic development	
Amount (in Words) :	
Indian Rupees Six thousand only	
	₹ 6,000.00

Receiver's Signature Kanne

Prepared by

Checked by

a

Authorised Signatory

Verified by





Date: 13/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Madhur Prakash

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Clor 25 Clorence Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai) (Accredited by NAAC with 'A' Grade) [Accredited by NBA: B.E. - BME, CSE, ECE, EEE & B.Tech. – IT]



Thindal, Erode – 638 012 Tamilnadu, India



This is to certify that

MADHUR PRAKASH

of

Sushant University, Gurgaon

has participated in Five day Online a Development Programme "Improving Faculty Your on Posearch Visibility - Research Impact and Metrics" organized by Research and Development Cell Jointly and Internal Quality Assurance Cell from 13th May to 17th October, 2020.

Coordinator R&D Cell

Coordinator IQAC

Dr.M.Jayaraman Principal

Payment Voucher

No. : 3652

Dated : 10/2/2021

Particulars	Amoun
Account :	, and an
Madhur Prakash-AU0413	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Improving your research visibility- Research Impact and Metrics, Vellar College of Engg and Tech, Tamilnadu	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00

Receiver's Signature Matheufbakkh

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 13/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Manimala

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



Revised: 5 April 2020

RESEARCH ARTICLE

Impact of aligned MHD flow with inclined outer velocity for a casson nanofluid over a stretching sheet

Renu Devi¹ | Vikas Poply² 💿 | Manimala¹

¹Department of Mathematics, School of Engineering and Technology, Ansal University, Gurugram, India

²Department of Mathematics, K. L. P College, Rewari, India

Correspondence

Vikas Poply, Department of Mathematics, K. L. P College, Rewari, Haryana 123401, India. Email: vikaspoply@gmail.com



The scope of the introduced study focuses on the analysis of heat as well as flow transportation in an oblique Casson nanofluid in the presence of an aligned magnetic field. The fluid is supposed to impinge obliquely on a sheet that stretches in both directions of the x-axis with heat generation. The moulded partial differential equations computed numerically with the shooting procedure by adopting the Runge Kutta Fehlberg method. The change in the behaviour of the emerging fluid parameters are described graphically and their results are shows in tables. The outcomes disclosed that the fluid velocity declined for Casson fluid parameter and the aligned angle of the magnetic field. In addition, with the increase in the Casson fluid parameter and aligned angle of magnetic field, the fluid temperature and concentration rise. The outcomes of this study may be beneficial to control the rate of heat and mass transportation as well as controlling fluid velocity in industry to obtain a final product of the desired quality.

KEYWORDS

aligned MHD, Casson fluid, heat generation, inclined outer velocity, nanofluid, oblique flow

Payment Voucher

No. 1518	Dated : 14/8/2020
Particulars	Amount
Account :	
Manimala-AU0305	5,000.00
Through :	
Cash in Hand	
On Account of :	
Research paper on Impact of aligned MHD flow with inclined outer velocity for a casson nanofluid over a stretching sheet	
``	
Amount (in Words) :	
Indian Rupees Five thousand only	
	₹ 5,000.00
1 In	lap.
Receiver's Signature	uthorised Signatory

Prepared by

Checked by

Verified by





Date: 14/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Mareena Thomas

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

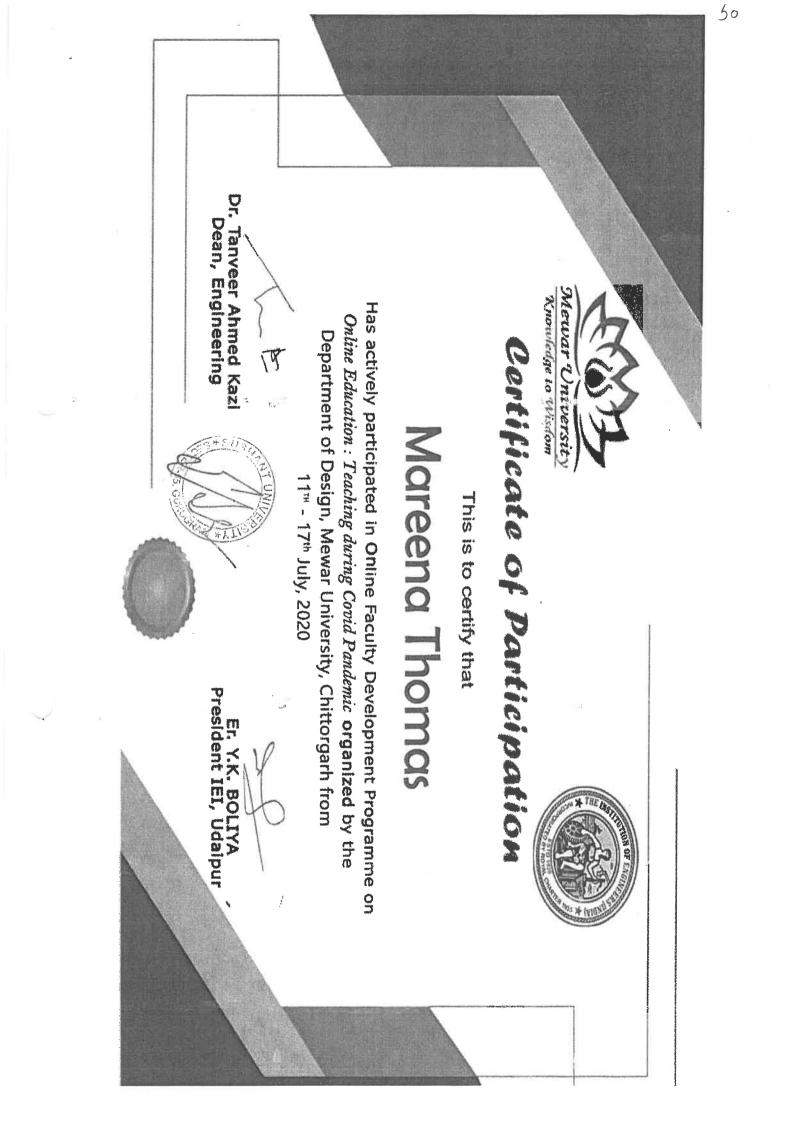
After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Ctor 55 Gurugram Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 1560	Dated : 28/8/2020
Particulars	Amount
Account :	
Mareena Thomas-AU0624	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on online education: Teaching during Covid Pandemic	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00

Bie Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 13/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Mark Arjun Warner

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai) (Accredited by NAAC with 'A' Grade) [Accredited by NBA: B.E. - BME, CSE, ECE, EEE & B.Tech. - IT]



Thindal, Erode – 638 012 Tamilnadu, India



This is to certify that

Mark Arjun Warner

Sushant University, Gurgaon

has participated in a Five day Online Faculty Development Programme "Improving on Your P search Visibilitu - Research Impact and Metrics" jointly organized by Research and Development Cell and Internal Quality Assurance Cell from 13th May to 17th October, 2020.

Coordinator R&D Cell

Coordinator IQAC

Dr.M.Jayaraman Principal

Payment Voucher

No. : 3653	Dated : 10/2/2021
Particulars	Amount
Account :	
Mark Arjun Warner-AU0633	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Improving your research visibility- Research Impact and Metrics, Vellar College of Engg and Tech, Tamilnadu	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by



51



Date: 13/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Md Shadab Alam

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Sector 55 Gurugram Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai) (Accredited by NAAC with 'A' Grade)

[Accredited by NBA: B.E. - BME, CSE, ECE, EEE & B.Tech. – IT] Thindal, Erode – 638 012 Tamilnadu, India





This is to certify that

Shadab Alam

of

Sushant University, Gurgaon

participated has in a Five day Online Faculty Development Programme "Improving on Your Research Visibility _ Research Impact and Metrics" organized by Research and jointly Development Cell and Internal Quality Assurance Cell from 13thOctober -17th October, 2020.

Coordinator R&D Cell

Coordinator IQAC

Dr.M.Jayaraman Principal

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. 3654 Dated : 10/2/2021 1 Particulars Amount Account: Md Shadab Alam-AU0635 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on Improving your research visibility-Research Impact and Metrics, Vellar College of Engg and Tech, Tamilnadu Amount (in Words) : Indian Rupees Six Thousand Only ₹6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 26/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Mohd Anees

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources

Sushant University (Erstwhile Ansal University), Gurugram



				53
K. J. Somaiya Institute of Engineering and Information Technology NAAC Accredited Institute with "A" Grade NBA Accredited 3 Programs (Computer Engineering, Electronics & Telecommunication Engineering & Electronics Engineering) Permanently Affiliated to University of Mumbai BEST COLLEGE under Urban Region by University of Mumbai in A.Y. 2018 - 19	Prganizes Faculty Development Program On Moodle Learning Management System	This is to certify that <u>Mohd Anees</u> has successfully completed One week National Faculty Development Program and Online Training on 'Moodle Learning Management System' organized by KJ. Somaiya Institute of Engineering and Information Technology in association with Spoken Tutorial	Project, IIT Bombay from 26 th -30 th May 2020.	Vice
BEST BEST	9	This is to certify that Faculty Development I by KJ. Somaiya Institu	Project, IIT Bombay fr Dr. Namrata Ansari	Convener, KJSIEIT

Gurgaon

Payment Voucher

Dated : 12/8/2020 No. 1501 ÷ Particulars Amount Account : Mohd Anees-AU0357 6,000.00 Through : Cash in Hand On Account of : Participation in National FDP on Moodle Learning management Sysytem Amount (in Words) : Indian Rupees Six thousand only ₹ 6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by



53



Date: 16/10/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Monica Chaudhry

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

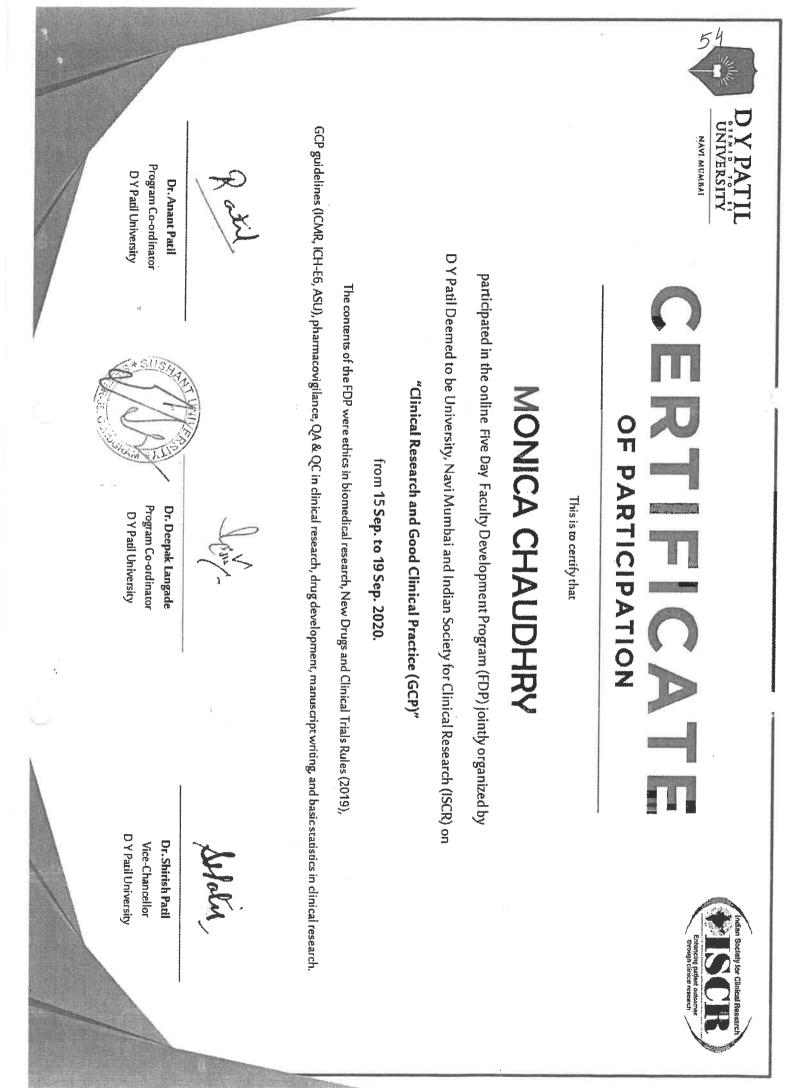
After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





Payment Voucher

No. 3622	Dated : 4/2/2021
Particulars	Amount
Account :	
Monica Chaudhry-AU0517	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Clinical Research And Good Clinical	
Practice	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	7.0.000.00
	₹ 6,000.00
Receiver's Signature	2. 7
Receiver's Signature A	uther and the
A A	uthorised Signatory

Prepared by

Checked by

Verified by





Date: 9/2/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Monika Khurana

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Castor 66 In Bridgham Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



AILL INDIA MANAGEMENT ASSOCIATION

ALL INDIA MANAGEMENT ASSOCIATION CERTIFICATE OF MEMBERSHIP

This is to certify that

Monika Khurana

is admitted as a

Professional Individual Member

of All India Management Association in recognition of commitment to professional management and the objectives of the Association Given under the common seal of All India Management Association



j 2020

Director General

AIMA, as the apex body of the Management Profession in the country, has been in the forefront fostering and enhancing excellence in management, entrepreneurship and leadership. With its contribution towards the development of professional management over the past six decades, AIMA has acquired a unique position not only in India, but in all of Asia.

Payment Voucher

No. 3697

Dated : 23/2/2021

Particulars	Amount
Account :	
Monika Khurana-AU0025	6,000.00
,	
Through :	
Cash in Hand	
On Account of :	
Membership of All Indian Management Association	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
	1 <u>;;</u>
44 1	0
Morekakhurana	(12%)

Receiver's Signature

Prepared by

•

Checked by

Authorised Signatory

Verified by





Date: 13/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Monisha Sharma

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop	
Seminar	
Conference	
Membership of Professional Bodies	
Refresher Courses	
Higher Education (Online/Distance mode)	
Faculty Development Program	
Book Chapter/Research Paper	

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai) (Accredited by NAAC with 'A' Grade) [Accredited by NBA: B.E. - BME, CSE, ECE, EEE & B.Tech. - IT]

Thindal, Erode – 638 012 Tamilnadu, India





This is to certify that

Monisha Sharma

of

Sushant University, Gurgaon

has participated in a Five day Online Faculty Development "Improving. Programme on Your R search Visibilitu ------Research Impact and Metrics" organized by Research and Development orntly Cell and Internal Quality Assurance Cell from 13th May to 17th October, 2020.

Coordinator R&D Cell

Coordinator IQAC

Dr.M.Jayaraman Principal

56

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 3655	Dated : 10/2/2021
Particulars	Amount
Account :	
Monisha Sharma-AU0173	6,000.00
. 38	
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Improving your research visibility- Research Impact and Metrics, Vellar College of Engg and Tech, Tamilnadu	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
*	₹ 6,000.00
Mnighattan	let.
	Authorised Signatory

4

Prepared by

Checked by



Verified by





Date: 14/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Mrunali Arun Balki

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

tor 55 Gurugram





1.:

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. \$ 1561 Dated : 28/8/2020 Particulars Amount Account : Mrunali Arun Balki-AU0363 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on Online Education : Teaching during Covid Pandemic Amount (in Words) : Indian Rupees Six Thousand Only ₹6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 31/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Navdeep Barwal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Dr R. K. Dash CONVENOR ちゃっとし GMR Institute of Technology An Autonomous Institute Affiliated to JNTUK, Kakinada has participated in the One-Week Online Faculty Development Programme on organized by G M R Institute of Technology, Rajam, Andhra Pradesh, India, Dr Simhachalam. CO-CONVENOR CERTIFICATE OF PARTICIPATION के "Digital Marketing and Business Analytics " DEPARTMENT HEAD Dr R. L. Naidu Dr. Navdeep Barwal during August 16 - 22, 2020. This is to certify that Dr. J. Raja Murugadoss VICE PRINCIPAL * Dr. C. L. V. R. S. V. Prasad PRINCIPAL the

89

58

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. 1490	Dated : 10/9/2020
Particulars	Amount
Account :	
Navdeep Barwal-AU0577	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National FDP on Digital Marketing & Big Data Analytics	
Amount (in Words) :	
Indian Rupees Six thousand only	
maian Rupees on mousand only	₹ 6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 15/1/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Naveen Nandal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Annals of R.S.C.B., ISSN: 1583-6258, Vol. 24, Issue 2, 2020, Pages. 500 - 506 Received 24 October 2020; Accepted 15 December 2020

Jagroop Singh¹, Gunjan A Rana¹, Kirti Mankotia¹, Naveen Nandal¹

¹Sushant University, Gurugram (Haryana), India.

Abstract

Uncertainty is always hard to predict and estimate. It is not only a challenge to individuals but to the businesses and the governments as well. Often we prepare ourselves to tackle these uncertainties and many times tackle the uncertain conditions with outside support. However, the most challenging situation arise when all have to be dealt at once. This is what has been experienced during Covid -19. If we search through the archival records, an event with similar spread and impact can be traced during 1918 pandemic, termed as Spanish flu. Although the Spanish flu and its impact are under reported, the lessons learnt from the pandemic Spanish Flu can guide us on a way to tackle Covid-19 in a better way.

Keywords: 1918 Pandemic; Covid-2019; Lockdown; Unlock.

Introduction

On the Huanan seafood market in Wuhan, China, SARSCoV2 appears to have made the leap from animals to people. Attempts to identify probable intermediate hosts, on the other hand, appear to have been neglected in Wuhan, and the exact route of transmission must be determined as soon as possible(Nandal, Nandal, & Anuradha, 2020).

Covid-19 has put humankind in unprecedented situation. The world is facing public health crisis and economic downturn. The situation seems alarming for India due to its large population and limited medical facilities. Indeed, timely lockdown decision by Government of India has successfully reduced the fatality rate across nation under the prevailing conditions. However, relaxations given to revive the economy has increased the threat of community spread. This becomes evident from the active cases reaching 90,95,908 as on 22 November 2020. Government, researchers and practitioners are exploring every possible solution to rescue us from this "New normal" and take us back to the times of socializing and on the path of 5 trillion economies. However, the situation has constrained us to look into archival records for lessons to tackle this challenge. From the books of history, Spanish Flu in 1918 seems a relevant period/event to be explored. The virus is known as 'Spanish Flu' as only Spain (a neutral country in World War I) allowed its newspapers to public the national death toll.

http://annalsofrscb.ro



500

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. 3671	Dated : 12/2/2021
Particulars	Amount
Account :	
Naveen Nandal-AU0647	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in Reserach Paper published in UGC Care list Indian Response to Pandemic: A Journey from 1918 Pandemic to Covid-2019	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00

1Va Nova

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 19/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Neetu Jora

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Certificate No: ICT-14458/20



National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

NEETU JORA

FROM

ANSAL UNIVERSITY, GURGAON

Participated in the Online AICTE Recognized Faculty Development Programme

on

Big Data Analytics

from

18-05-20 to 22-05-20 (One Week)

Organized by

Computer Science and Engineering Department

NITTTR, Chandigarh





Director





60

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. : 1493 Dated : 10/8/2020 Particulars Amount Account : Neetu Jora-AU0168 5,000.00 Through : Cash in Hand On Account of : Participation in FDP On Big Data Analytics Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 20/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Neha Gupta

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

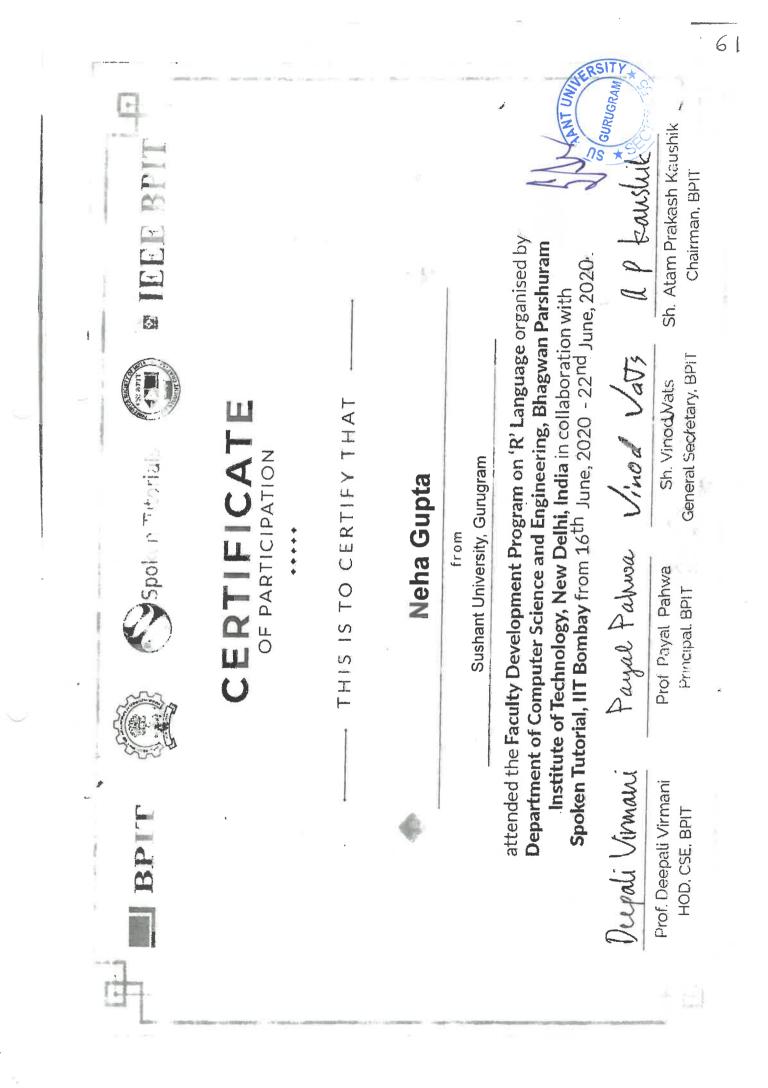
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 2017	Dated : 25/9/202
Particulars	Amount
Account :	
Neha Gupta-AU0328	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in R Language FDP by Department of Computer Science	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00
C	

A

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 20/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. NEHA MALLICK

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop	
Seminar	
Conference	
Membership of Professional Bodies	
Refresher Courses	
Higher Education (Online/Distance mode)	
Faculty Development Program	
Book Chapter/Research Paper	

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Payal Palmoa Vinca Vats R P Laushik Sh. Atam Prakash Kaushik ELE BPIT Chairman, BPIT attended the Faculty Development Program on 'R' Language organised by Department of Computer Science and Engineering, Bhagwan Parshuram Spoken Tutorial, IIT Bombay from 16th June, 2020 - 22nd June, 2020. Institute of Technology, New Delhi, India in collaboration with General Secretary, BPil Sh. Vinod Vats CERTIFICATE THIS IS TO CERTIFY THAT NEHA MALLICK OF PARTICIPATION Spoken Tritorials Sushant University, Gurugram ++++ from Prot Payal Pahwa **Principal, BPIT** Dupali Virmani Prof Deepali Virmani BPIT HOD, CSE, BPIT

62

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. : 2018	Dated : 25/9/2020
Particulars	Amount
Account :	
NEHA MALLICK-AU0450	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in R Language FDP by Department of Computer	Science
Amount (in Morde)	
Amount (in Words) :	
Indian Rupees Five Thousand Only	T C 000 00
	₹ 5,000.00

John Mallick

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 11/9/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Nidhi Chowdhary

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

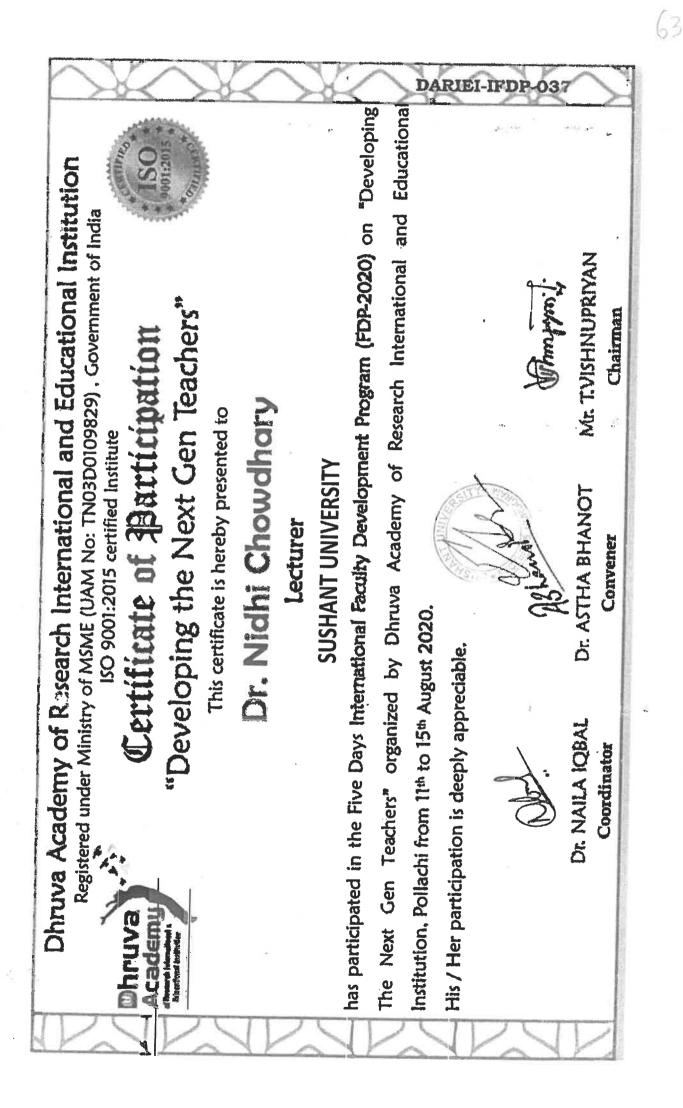
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 7,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. : 3612	Dated : 1/2/2021
Particulars	Amount
Account :	
Nidhi Chowdhary-AU0188	7,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in International level FDP on Developing the next Gen Teachers	
Amount (in Words) :	
Indian Rupees Seven Thousand Only	
	₹ 7,000.00
white the short	

O NW

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 10/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Nidhi Dandona

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Reconnecting the City to its Riverfront: A Case of Kolkata

RAJORSHI BANERJEE Masters of Urban Design, Sushant University, Gurugram

NIDHI DANDONA Associate Professor, Sushant University, Gurugram

SURUCHI MODI Associate Professor, Sushant University, Gurugram

SHIVANI SAXENA Environment Planner, National Mission for Clean Ganga, Ministy of Jal Shakti, Gol

Abstract

Kolkata, one of the major metropolitan cities in India, owns a great and heroic past, bearing its unique heritage and culture, owes its creation to its strategic location along the east bank of the river Hooghly, a distributary of the river Ganges. The banks of the river, once the lifeline of the people, remained bustling with different activities. They have become deserted areas, dotted with shabby old structures, disconnected with the city, and devoid of erstwhile scenic views. In the recent past, the riverfront has become the backyard of the city, derelict of any desired activity leading to escalating environmental and urban issues. The river-edge precincts and its neighbourhoods have died out in terms of their social association with the river. It is evident that the city has lost the social eminence of its riverfront because of the indifferent behaviour towards its revival. A discussion in response to the social issues of an urban river has been elaborated within the paper. This research paper explored the principles of building a framework of developing tools for redefining the value of an urban riverfront through strengthening its cultural and social bonds with the city.

Keywords: Degrading Urban Landscape, Riverfront Development, Social Recognition, Cultural Exposure, Heritage Restoration







SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. : 3900	Dated : 15/3/2021
Particulars	Amount
Account :	
Nidhi Dandona-AU0155	5,000.00
Through :	
Cash in Hand	
On Account of :	
Reserach Paper published on Reconnecting the City to its Riverfront : A case of Kolkatta	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00

Dardona

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 20/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Niraja Adloori

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

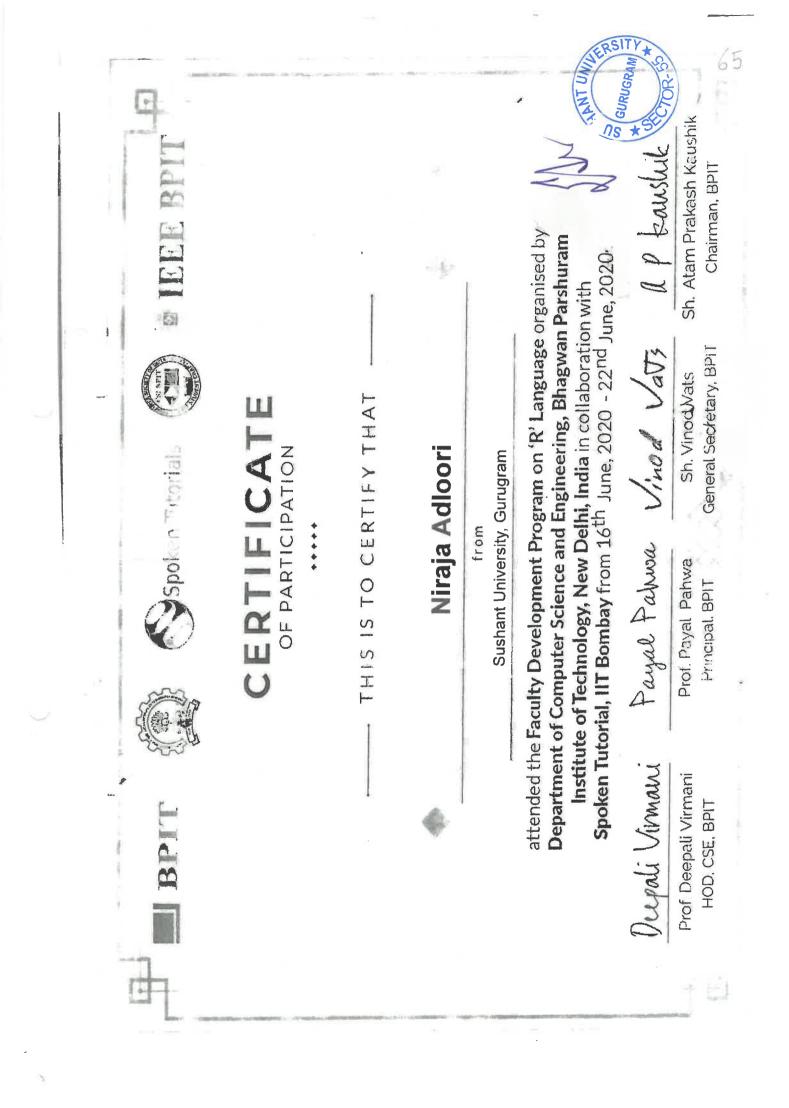
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. 2019	Dated : 25/9/2020
Particulars	Amount
Account :	
Niraja Adloori-AU0156	5,000.00
	1
Through :	
Cash in Hand	
On Account of :	
Participation in R Language FDP by Department of Computer Science	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00

Receiver's Signature

Prepared by

D Checked by

Authorised Signatory

Verified by





Date: 30/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. PARSHATI DUTTA

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



International Institute of Organized Research

PARSHATI DUTTA

is hereby awarded this certificate of achievement for the successful E-Content Development held from 1st June to 5th June 2020. completion of 5 Day Faculty Development Program on

Course Duration: 15 Hours Credit: 1

Date of Issue 7th June 2020

Course Coordinator

GURUGRAM

Dr. S. Negi

(A)

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. 0 1916 Dated : 15/9/2020 Particulars Amount Account : PARSHATI DUTTA-AU0492 5,000.00 Through : Cash in Hand On Account of : Participation in FDP On E Content Development Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00 Particulto Receiver's Signature

Prepared by

Checked by

Authonised Signatory

Verified by





Date: 2/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Piyush Das,

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



Research Aculvines rubildauons Alcinves Co Cultural Ecology and Happiness, a Case Study of Western Bhutanese < delicate yet very strong connections between one's 'beingwell/happy' and intensive primary study that is supported by philosophical underpinnings, the authentic dependency on the larger continued and perceived cultural continuation of traditional knowledge systems; the manner and degree of perspective of continuum of traditional knowledge systems. Knowledge methods to evaluate the components of significant cultural ecosystems. creation, knowledge retention and knowledge transfer are some of the with well-being, creating unique interpretations of the idea. Through an associating their tangible and intangible inheritance (cultural & natural) establishes how such extensive components of heritage, as evidenced in in this paper, we explore cultural and spatial processes involved in the Complex historic regions of Bhutan showcase exemplary practices of culture and nature; and the sophisticated yet blurred line differences These anthropological methods also give directions to uncover very exploitation of nature; the dependency and independency between their urban centres, are directly linked with the continuing cultural The idea of well-being is rarely explored when seen through the between the tangibles and intangibles. This inquiry into Bhutan, Amrita Madan, Yash Pratap Singh Shekhawat an<mark>d Piyush</mark> Das Home About IHA Courses Settlements ecosystem. Abstract 31JHS VOLUME 4, ISSUE 1 - 2020 IJHS VOLUME 5, ISSUE 1 - 2023 EDITORIAL ADVISORY BOARD ABOUT THE JOURNAL IJHS VOLUME 3 - 2018 **IJHS VOLUME 2 - 2016 1JHS VOLUME 1 - 2015 PREVIOUS ISSUES** LATEST ISSUE RIHA

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 3710 Dated : 10/3/2021 Particulars Amount Account : Piyush Das,-AU0263 5,000.00 Through : Cash in Hand On Account of : Participation in Reserach Paper published in UGC Care list on "Cultural Ecology and Happiness, a Case Study of Western Bhutanese Settlements" Amount (in Words) : Indian Rupees Five Thousand Only ₹ 5,000.00

Receiv 's Signature

Prepared by

2 Checked by

Authorised Signatory

Verified by





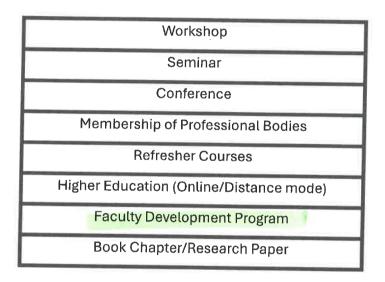
Date: 29/5/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Pooja Rastogi

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)



After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 7,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Jniversity Regards,





CERTIFICATE



Reg. No. CBLU/FDP/605

Faculty Development Program

(27th April - 1st May, 2020)

This is to certify that

Dr/Mr/Ms POOJA RASTOGI

Faculty Development Program on "*Digital Marketing*"during 27th April to 1st May, 2020. from SUSHANT UNIVERSITY, GURGAON has successfully completed one week online

Chaudhary Bansi Lal University, Bhiwani, India Organized by

United International University, Dhaka, Bangladesh

Millimer.

Organizing Secretary CBLU, Bhiwani (Mohit Rewari)

Cant. Unable Thekar U. Hund (Sunita Bharatwal) Co-Convener CBLU, Bhiwani Luil-

(Khawza I Ahmed) UIU, Dhaka Convener

Vishey Erney Convener

CBLU, Bhiwani (Vikas kumar)

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. 3 1467

Dated : 7/8/2020

Particulars	Amour
Account :	
Pooja Rastogi-AU0526	7,000.00
Through :	
Cash in Hand	×
On Account of :	
Participation in International FDP on Digital Marketing	
Amount (in Words) :	
Indian Rupees Seven Thousand only	
	₹ 7,000.00
3	X 7,000.00

Authoused Signatory

Verified by



Prepared by





Date: 13/11/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Pramneet Kaur

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai) (Accredited by NAAC with 'A' Grade)

[Accredited by NBA: B.E. - BME, CSE, ECE, EEE & B.Tech [IT] Thindal, Erode – 638 012 Tamilnadu, India





This is to certify that

Pramneet Kaur

of

Sushant University, Gurgaon

has participated *Five* in a dau Online Faculty **Development** "Improving Programme on Your Research Visibility -Research Impact and Metrics" organized by Research and Jointly Development Cell and Internal Quality Assurance Cell from 13thOctober -17th October, 2020.

Coordinator R&D Cell

Coordinator IQAC

Dr.M.Jayaraman Principal

69

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. 3656	Dated : 10/2/2021
Particulars	Amount
Account :	
Pramneet Kaur-AU0037	6,000.00
· ·	
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Improving your research visibility- Research Impact and Metrics, Vellar College of Engg and Tech, Tamilnadu	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
N	1

Barmeel

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 20/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Prashansa

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

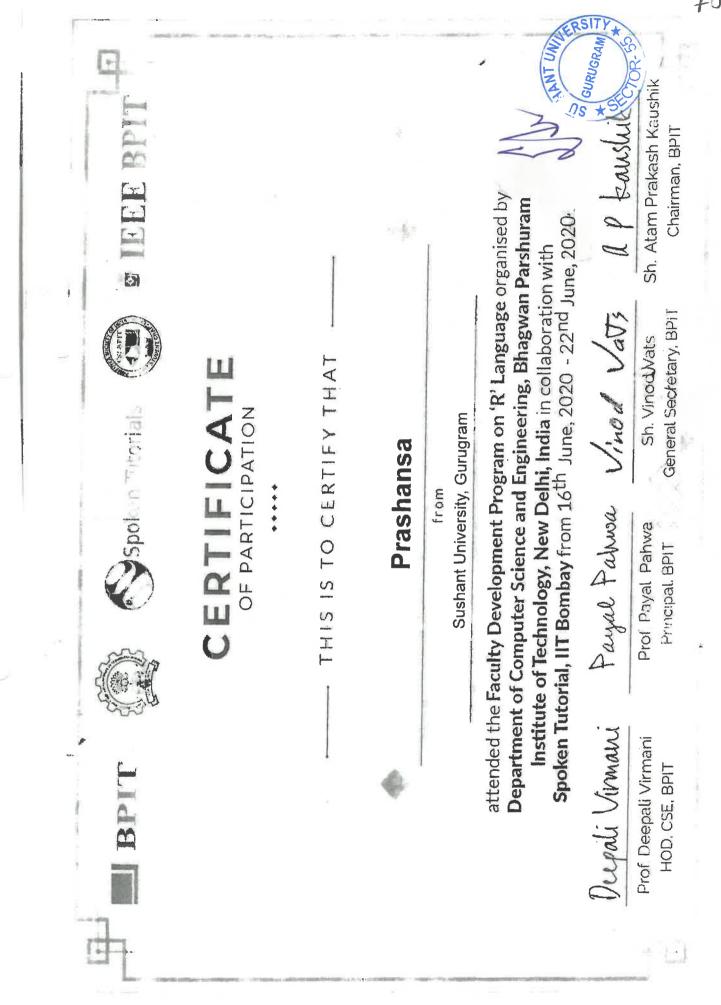
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. : 2020	Dated : 25/9/2020
Particulars	Amount
Account :	
Prashansa-AU0277	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in R Language FDP by Department of Computer Science	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
• • • • • • • • • • • • • • • • • • •	₹ 5,000.00
46/	On T.

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 20/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Preetha Ravisree

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

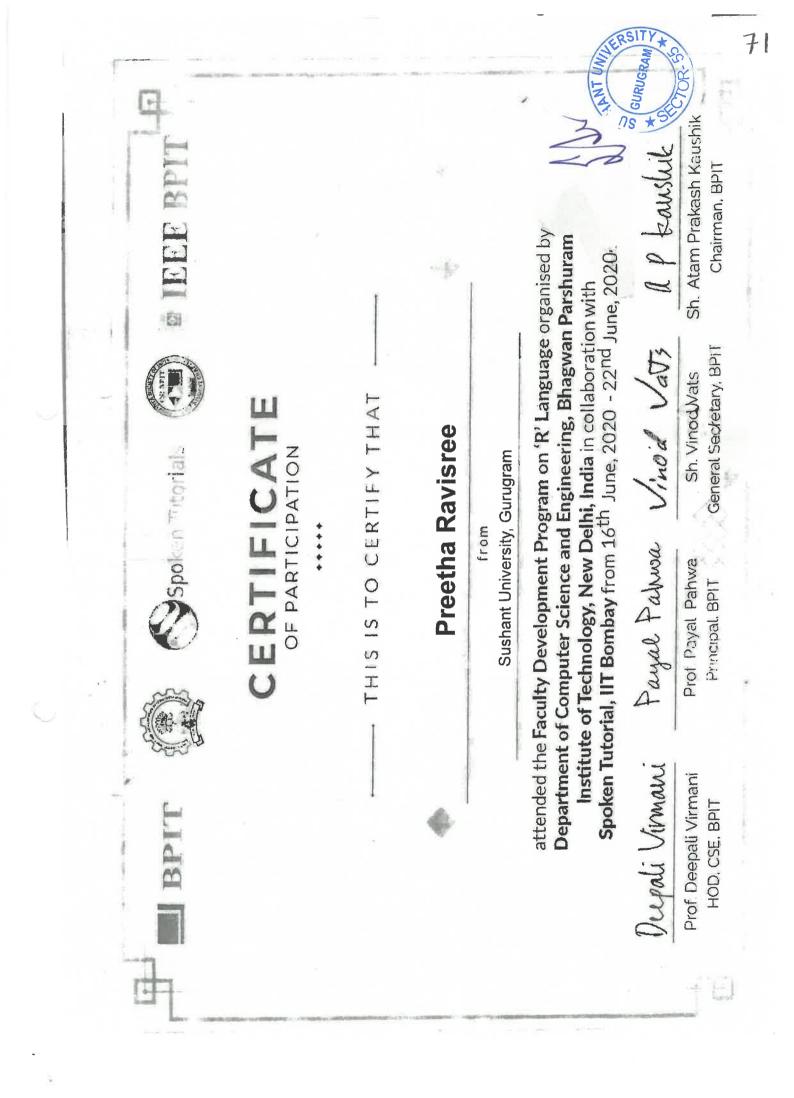
After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

7 56 Gurugram





SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 2021

Dated : 25/9/2020

Particulars	Amount
Account :	
Preetha Ravisree-AU0390	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in R Language FDP by Department of Computer Science	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5 000 00
Arette Raisere	₹ 5,000.00
1 10 Warber	
reev	Oe S
eceiver's Signature	Authorized Signatary
(Authonised Signatory
repared by Checked by	Vorified
- 7	Verified by
	NTUNIVE



Date: 19/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Purnima Rao

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





National Institute of Technical Teachers Training and Research Chandigarh

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

PURNIMA RAO

FROM

ANSAL UNIVERSITY, GURGAON

Participated in the Online AICTE Recognized Faculty Development Programme

on

Big Data Analytics

from

18-05-20 to 22-05-20 (One Week)

Organized by

Computer Science and Engineering Department

NITTTR, Chandigarh





Coordinator

Bart Director

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

Particulars count : Purnima Rao-AU0469 rrough : Cash in Hand n Account of : Participation in National FDP on Big Data Analytics	6,000.00
Purnima Rao-AU0469 arough : Cash in Hand	6,000.00
nrough : Cash in Hand n Account of :	6,000.00
Cash in Hand	
n Account of :	
Participation in National FDP on Big Data Analytics	
nount (in Words) :	
Indian Rupees Six thousand only	
0	₹ 6,000.00
1 - Fra	3
me	
1 miles	Sed
eiver's Signature	Authorised Signator
4 0	
A A	
pared by Checked by	Verified by
	PAT UNIVED



Date: 3/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Rajan Bansal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



of Sushant University, Gurgaon, Haryana has participated the One Week Online Faculty Development Program on "Introduction To Autodesk Inventor" Dr. S. U. Bokade Principal RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI Indian Institution of Industrial Engineering **JERTHETCAUTE** held during 1 June, 2020 to 5 June, 2020. **RAJAN BANSAL** MANIARACHARLFABLE TRUST Dr. S. D. Deshmuldh This is to certify that In association with Convener Dr. R. V. Kale Convener pharts

13

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. : 1515	Dated : 14/8/2020
Particulars	Amount
Account :	
Rajan Bansal-AU0339	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Introduction to Autodesk inventor, Rajiv Gandhi Institute of Tech, Mumbai	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
Carinsand	
Receiver Signature	Authorised Signatory

Prepared by

6 Checked by

Verified by





Date: 16/10/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Ramesh Basa

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

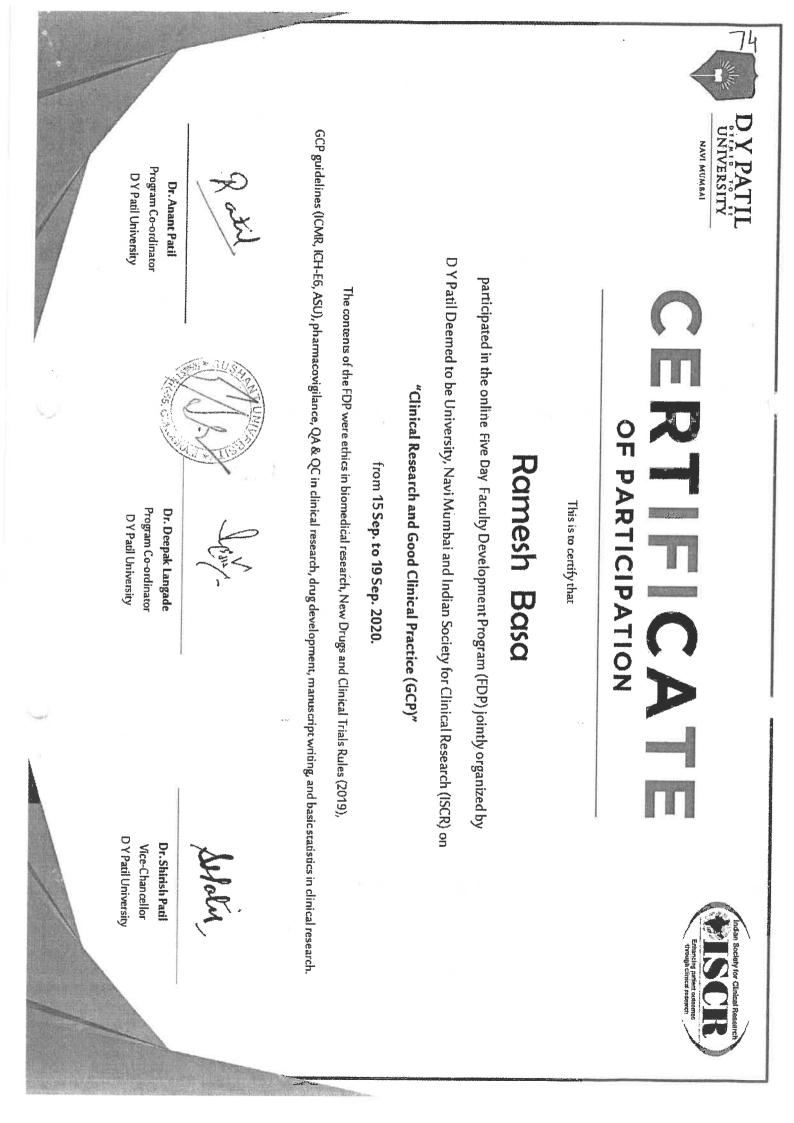
After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

University Sector 55 Gurugram





SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

Particulars Amount Account : Ramesh Basa-AU0641 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on Clinical Research And Good Clinical Practice Amount (in Words) : Indian Rupees Six Thousand Only ₹6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by



No. 3623

Dated : 4/2/2021



Date: 14/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Sachin Datt

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. 1562	Dated : 28/8/2020
Particulars	Amount
Account :	
Sachin Datt-AU0545	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on online education: Teaching during Covid Pandemic	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
A DAH	age .
Receiver's Signature	Authorised Signatory
4	, and the second s

Prepared by

Checked by

Verified by





Date: 15/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Saif Anjum

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



CATERING TECHNOLOGY DESCRIPTION CERTIFICATE NO. FDP/BPI (128
CERTIFICATE OF PARTICIPATION
THIS IS PRESENTED TO
Mr. Saif Anjum
for attending the Online Faculty Development Program on Research and its role in Academic Development: Digitalization- The Way Faculty Development:
Ster 17 June 2020
P.K. MODI

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. 1536

Dated : 21/8/2020

Particulars	Amount
Account :	
Saif Anjum-AU0474	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National FDP on "Research & its Role in Academic development: Digitalization the way forwrad	
Amount (in Words) :	
Indian Rupees Six thousand only	
· · · · · · · · · · · · · · · · · · ·	₹ 0 000 00
	₹ 6,000.00
	₹ 6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 5/6/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Saurabh Saraswat

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 7,200 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

nt University

Regards, Sector 55 Gurup rom Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. 1470 • Dated : 7/8/2020 Particulars Amount Account : Saurabh Saraswat-AU0645 7,200.00 Through : Cash in Hand On Account of : Participation in National Conference on Digitalization, future jobs, regulatory mechanisms and research directions organised by Amity University. Amount (in Words) : Indian Rupees Seven Thousand Two Hundred only ₹7,200.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 7/1/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Saurav Chhabra

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

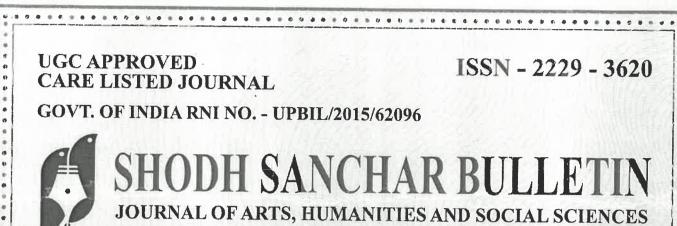
Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.





AN INTERNATIONAL MULTIDISCIPLINARY QUARTERLY BILINGUAL PEER REVIEWED REFEREED RESEARCH JOURNAL

Ref. No. : SSB/2020/VVS21

.....................

-

Date: 29-12-2020

In Chief

SHODH SANCHAR BULLETIN BILINGUAL INTERNATIONAL RESEARCH JOURNAL, LUCKNOW

4 . 4 4 4 4 4

Certificate of Publication

Mr. Saurav Chhabra

Research Scholar G.D Goenka University,Sohna, Gurugram **Prof. Dr. Garima Parkash** Dean Vatel Hotel & Tourism Business School Ansal University,Gurugram.

TITLE OF RESEARCH PAPER

UNDERSTANDING THE IMPACT OF HOSPITAL MEAL ORDERING SYSTEM ON PATIENT MEAL CONSUMPTION IN PRIVATE HOSPITALS AROUND THE GLOBE.

This is certified that your research paper has been published in Shodh Sanchar Bulletin, Volume 10, Issue 40, October to December 2020

CHIEF EDITORIAL OFFICE

• 448 /119/76, KALYANPURI THAKURGANJ, CHOWK, LUCKNOW -226003 U.P. Cell.: 09415578129, 07905190645

E-mail : serfoundation123@gmail.com

Website : http://seresearchfoundation.in | http://seresearchfoundation.in/shodhsancharbulletin/

.

.

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

	America
Particulars	Amount
Account :	5,000.00
Saurav Chhabra-AU0660	3,000.00
Through	
Cash in Hand	
On Account of :	
Research Paper on "Understanding the impact of hospital meal ordering system on patient meal consumption in private hospitals around the globe"	
Amount (in Words) :	
Indian Rupees Five Thousand Only	7 5 000 00
	₹ 5,000.00

Receiver's Signature

Prepared by

Checked by

Verified by

1



- -



1.3

Date: 28/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic

development

Dear Prof. Sherry Verma

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.



INTRODUCTION TO INDUSTRIAL MATHEMATICS

Anjali Singh¹, Deepanshi Vij², Dr. Manimala³, Ms. Sherry Verma⁴ E-Mail Id: ¹anjalisingh.btech18@ansaluniversity.edu.in, ²deepanshivij.btech18@ansaluniversity.edu.in, ³manimala@ansaluniversity.edu.in, ⁴sherryverma@ansaluniversity.edu.in School of Engineering and Technology, Ansal University, Gurugram, Haryana, India

Abstract-There is no question that mathematics has played a leading role in the development of physics and engineering through the last century. However the direct participation of mathematicians in solving the problems of industry is the new trend, so called "industrial mathematics". Industrial mathematics has developed as a new profession. In this report, we will talk about the concepts of industrial mathematics and its importance in the society. Keywords: industrial mathematics.

1. INTRODUCTION

Mathematics is one of the oldest and fundamental sciences. The word 'mathematics' has been derived from the Greek word mathema meaning 'knowledge, study, learning'. It has no generally accepted definition but deals with logical reasoning and quantitative calculation.[3]

Mathematician is a person who uses the exclusive knowledge of mathematics in their work. The education of mathematicians focuses on mathematics itself as a way to understand the relationship between abstract objects. Some mathematicians explore theories while others apply them to solve daily problems. They try to be as precise and concise as they could while solving a problem. When asked to solve a problem, usually a person will think of the ways they know that can be applied to solve the problem and would back-off if he is unable to find such a way. But a mathematician will abstract the problem into a mathematical problem and apply mathematical abilities to solve it. If he is unsuccessful in solving the problem, he re-thinks of the models and takes a different approach. He continues until he is successful in finding the solution.[1]

Modern mathematics is broadly divided into Pure Mathematics and Applied Mathematics. The difference between the two is based on their application. [4] Pure Mathematics is a branch of mathematics that is studied, and principles are developed for the sake of mathematics rather than their immediate use. In other words, it is based on number theory. The Fibonacci Series is an example of this, which has almost no significant use to mankind. On the contrary, Applied Mathematics is a branch of mathematics that is involved in the study of the physical or biological world, that is, studied

purely for application purposes. It is based on numerical methods, having extensive use in Computer science and engineering.

2. INDUSTRIAL MATHEMATICS

Mathematics is the most versatile of all the sciences. It is uniquely well placed to respond to the demands of a rapidly changing economic landscape. Unfortunately, academic mathematics is insufficiently connected to mathematics used in the industries, making it difficult to build closer connections to industry. Hence, academic mathematical science must strike a better balance between theory and application.

Industrial Mathematics is a new research field in mathematics, which deals with the use of mathematical modelling to solve industrial problems, thereby serving as the foundation for developing future technologies. It comprises of a mixture of pure and applied mathematical modelling such as Partial Differential Equations, Probability, Statistics, Discrete Mathematics and many more. In other words, it will integrate and reorganize pure and applied mathematics into a volatile form so as to respond to the needs of industrial technologies.

Let us consider a case study of a Mexican company who had complained regarding the noise from the car-seat air-con fan blowers. They were having a great loss as their products were returned stating about an undesirable noise. They did not clearly understand what kind of noise was undesirable.Many analysis were made but the noise considered undesirable by the Mexican manufacturing plant was different to what the client plant considered to be. This is where mathematicians rescued them. They measured the noise frequency spectrum with a special microphone and computer, investigated which frequencies were annoying to human hearing, statistically analysed the noise spectrum and revealed which frequency bands were undesirable from the viewpoint of the client company. They then wrote a computer script that could automatically determine if an item is defective or not.[1] This was one of the incidents when industry benefited from the work of mathematicians.

It is evident from the above case study that the ability to effectively use mathematical modelling, simulation, control and optimisation will be the foundation for technological and economic development, helping in achieving better understanding of industrial models and processes.

DOI Number: https://doi.org/10.30780/specialissue-ICACCG2020/010 Paper Id: IJTRS-ICACCG2020-010

@2017, IJTRS All Right Reserved, www.ijtrs.com

SUSHANT UNIVERSITY (2020-21) Sector -55, Golf Course Road Gurgaon

Payment Voucher

No. : 3610	Dated : 1/2/2021
Particulars	Amount
Account : Sherry Verma-AU0145	5,000.00
Through '	
Through ; Cash in Hand	
On Account of : Participation in Introduction To Industrial Mathematics	
Amount (in Words) :	
Indian Rupees Five thousand only	₹ 5,000.00
Shereykenig	Authorized Signatory
Receiver's Signature	Authorised Signatory
Prepared by Checked by	Verified by
	STATUN



X



Date: 29/5/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Shevata Singhal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 7,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





CERTIFICATE



Reg. No. CBLU/ FDP/605

Faculty Development Program

(27th April - 1st May, 2020)

This is to certify that

Dr/Mr/Ms SHEVATA SINGHAL

Faculty Development Program on "*Digital Marketing*" during 27th April to 1st May, 2020. from SUSHANT UNIVERSITY, GURGAON has successfully completed one week online

Chaudhary Bansi Lal University, Bhiwani, India Organized by

United International University, Dhaka, Bangladesh

Mithurs

Organizing Secretary (Mohit Rewari) CBLU, Bhiwani

Co-Convener Luil-

(Sunita Bharatwal) CBLU, Bhiwani

Khaller Hilden U. Hund Convener

(Khawza I Ahmed) UIU, Dhaka

Vidnes kanay

Convener

CBLU, Bhiwani (Vikas kumar)

Gurgaon

Payment Voucher

No. 1468	Dated : 7/8/2020		
Particulars	Amount		
Account :			
Shevata Singhal-AU0294	7,000.00		
Through :			
Cash in Hand			
On Account of :			
Participation in International FDP on Digital Marketing			
Amount (in Words) :			
Indian Rupees Seven thousand only	8		
	₹ 7,000.00		
Λ Λ			
Receiver's Signature	Authorised Signatory		
XI.	6		
4 8			

V Prepared by

•

Checked by

TUNIVE PS



Date: 9/2/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Shweta Thusoo

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 7,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



		و · ٤			و بر بر		**		Hon. Secretary	
	Society of Pharmaceutical Education & Research	iiniyam, 1973, No. 44 of 1973)		By approval of the Central Executive Council (CEC), has elected	HUSOO	mber	6	of the Society, for the cultivation and promotion of the study and practice of pharmaceutical science education & research		「「「「「「「「「「「「「「」」」」、「「「「」」、「「」」、「「」」、「「
	Pharmaceut & Researd	(Registered under the M.P. Society Registrikaran Adhiniyam, 1973, No. 44 of 1973)	SPER	Central Executive Co	Mr. SHWETA THUSOO	is a Life Member	SPER/LM/HR/109	he cultivation and pro rmaceutical science e	Member	の、「ない」、「ない」で、
20	Society of	(Registered under the		By approval of the	V	व्रह		of the Society, for the cu practice of pharma	0	
ES V	0	Ê.							Year 2020	and the second second

Payment Voucher

No. : 3698	Dated : 23/2/2021
Particulars	Amount
Account :	
Shweta Thusoo-AU0544	7,000.00
Theoryale	
Through : Cash in Hand	
Cash in Hallu	
On Account of :	
Membership of Society of Pharmaceutical Education & Research	
Amount (in Words) :	
Indian Rupees Seven Thousand Only	
indian Rupees Seven Indusand Only	₹ 7,000.00
	τ,000.00
n n	
Aprila Mont	na

Receiver's Signature

Prepared by

Checked by

Authorised Signatory





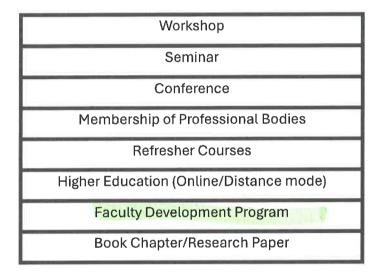
Date: 16/10/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Sobia Ahsan

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)



After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





82

UNIVERSITY Y PATI

NAVI MUMBAI

This is to certify that

Sobia Ahsan

participated in the online Five Day Faculty Development Program (FDP) jointly organized by

D Y Patil Deemed to be University, Navi Mumbai and Indian Society for Clinical Research (ISCR) on

"Clinical Research and Good Clinical Practice (GCP)"

from 15 Sep. to 19 Sep. 2020.

The contents of the FDP were ethics in biomedical research, New Drugs and Clinical Trials Rules (2019),

GCP guidelines (ICMR, ICH-E6, ASU), pharmacovigilance, QA & QC in clinical research, drug development, manuscript writing, and basic statistics in clinical research.

Dr. Anant Patil

Program Co-ordinator DY Patil University

Program Co-ordinator Dr. Deepak Langade

D Y Patil University

Vice-Chancellor

D Y P_suil University

Dr. Shirish Patil

Alata

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. 3624	Dated : 4/2/2021
Particulars	Amount
Account :	
Sobia Ahsan-AU0370	6,000.00
	9
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Clinical Research And Good Clinical Practice	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00

Receiver's Signature

Prepared by

Checked by

ę

Authorised Signatory





Date: 7/9/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Suman devi

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Sector 56 Gurun race Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





Certificate of Participation

This is to certify that Suman Devi, Assistant Professor, Ansal University, Gurugram has attended the Online workshop titled "Art of Thesis Writing and Academic Publishing" organised by Koach Scholar, New Delhi from 14th August to 16th August, 2020.

Rayal KUMOL

Dr. Payal Kumar Professor BML Munjal University

Tulika Chandra

Dr. Tulika Chandra Associate Professor and Proctor Shiv Nadar University

Payment Voucher

No. : 3611	Dated : 1/2/2021
Particulars	Amount
Account :	
Suman devi-AU0164	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in "Art of Thesis Writing and Academic Publishing"	
Amount (in Words) :	
Indian Rupees Six Thousand Only	· · · · ·
	₹ 6,000.00
Receiver's Signature	Authorised Signatory

Verified by



Prepared by

Checked by

84



Date: 18/9/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Sumedha garg

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Sector 55 Currenting Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



An Autonomous Institute Affiliated to JNTUK, Kakingda Eriter Technology CERTIFICATE OF PARTICIPATION This is to certify that Sumedha Carg has participated in the One-Week Online Faculty Development Programme on "Digital Marketing and Business Analytics" organized by G M R Institute of Technology, Rajam, Andhra Pradesh, India, during August 16 - 22, 2020. Dr R. K. Dash Dr Simhechalam. T. Dr R. L. Naidu CONVENOR CO-CONVENOR DEPARTMENT HEAD DEPARTMENT
--

84

SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. 3621 ÷ Dated : 4/2/2021 Particulars Amount Account : Sumedha Garg-AU0458 6,000.00 Through : Cash in Hand On Account of : Participation in National level FDP on Digital Marketing & Business Analytics Amount (in Words) : Indian Rupees Six Thousand Only ₹6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory





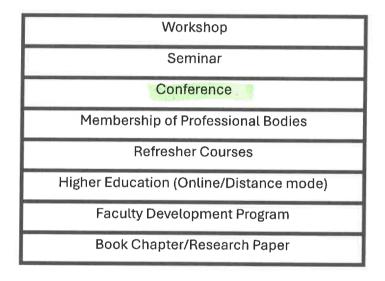
Date: 5/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Sunil Kumar

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)



After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





11th India International Hotel, Travel & Tourism Research Conference 2021 'Re-strategizing Hospitality & Tourism: Through Food, Facilities & Films 25th to 27th February, 2021

CERTIFICATE OF APPRECIATION

PRESENTED TO

Mr. Sunil Kumar

For presenting his research paper on "Changing Consumer Behaviour- Research in Hospitality" in 11th India International Hotel, Travel & Tourism Research Conference on 'Re-strategizing Hospitality & Tourism: Through Food, Facilities & Films' organized by Banarsidas Chandiwala Institute of Hotel Management & Catering Technology, New Delhi, NAAC "A" Accredited Institute, Affiliated to G.G.S. Indraprastha University & Approved by AICTE, Govt. of India.

Conference President Prof. R.K. Bhandari



Avvind

Conference Convener Dr. A.K. Saraswati



Payment Voucher

No. 3715

Dated : 10/3/2021

Particulars	Amoun
Account :	
Sunil Kumar-AU0393	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in 11th International Hotel Travel & Tourism Research Conference	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00

Benikuman Receiver's Signature

4

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 8/12/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Surabhi Goyal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



Awareness of the Various Investment Options Available for Tax Planning

Pankhuri Agarwal¹, Professor (Dr.) Vipin Jain² and Dr. Surabhi Goel³

¹Research Scholar, TMIMT, Teerthanker Mahaveer University, Moradabad (U.P.)

²Principal, TMIMT, Teerthanker Mahaveer University, Moradabad (U.P.)

³Assistant Professor, Ansal University, Gurugram (Haryana)

Abstract: Tax planning is not only a means of reducing tax liability but also a measure for taking maximum benefit of all the deduction exemption reliefs allowed under income tax provisions. The tax structure of country India is highly complicated which reduces the purchasing power of the individual to a high limit so in that case tax planning is the most suitable method as the best part of it is that come under the legal compliance and benefit in two ways i.e. right investment and reduced tax liability. In the current scenario women's role in the society is changing at a great level as they are not only becoming financial independent but also playing a major role in the financial decision making of family so it is very important for today's women's for having awareness about all tax planning measures. The aim of this paper is to study the awareness level among working women. It also studied about the various measures of tax planning and their investment pattern and preferences adopted by Indian women tax payers. The study conducted in the city Moradabad which is situated in the state Uttar Pradesh.

Keywords: Tax Planning, Financially Independent Women, Investment Preferences.

Article History

Received: 13/10/2020; Accepted: 15/11/2020 Corresponding author: Pankhuri Agarwal

Introduction:-

From the certain ages in India almost all the important decisions of a women life are taken by her brother, father or husband including the decisions relating to finance. However, in the current scenario the women's are stepping out from the boundaries and making an independent career for themselves. The women are not only climbing the professional ladder at an increasing rate but also acquiring the required financial knowledge so that they can be able to manage their finances with their own, but for managing the finances independently and efficiently it's very necessary to have a correct financial knowledge. To be financially independent besides of

[35]

Payment Voucher

No. : 3666	Dated : 12/2/2021
Particulars	Amount
Account :	, unount
Surabhi Goyal-AU0551	5,000.00
Through :	
Cash in Hand	
On Account of :	
Reserach Paper published on Awareness of the various investment options available for tax planning	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00
Receiver's Signature	Authorised Signatory
Prepared by Checked by	Verified by





Date: 10/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Suruchi Modi

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

ector 55

Regards, Control of Co



Reconnecting the City to its Riverfront: A Case of Kolkata

RAJORSHI BANERJEE Masters of Urban Design, Sushant University, Gurugram

NIDHI DANDONA Associate Professor, Sushant University, Gurugram

SURUCHI MODI Associate Professor, Sushant University, Gurugram

SHIVANI SAXENA Environment Planner, National Mission for Clean Ganga, Ministy of Jal Shakti, Gol

Abstract

Kolkata, one of the major metropolitan cities in India, owns a great and heroic past, bearing its unique heritage and culture, owes its creation to its strategic location along the east bank of the river Hooghly, a distributary of the river Ganges. The banks of the river, once the lifeline of the people, remained bustling with different activities. They have become deserted areas, dotted with shabby old structures, disconnected with the city, and devoid of erstwhile scenic views. In the recent past, the riverfront has become the backyard of the city, derelict of any desired activity leading to escalating environmental and urban issues. The river-edge precincts and its neighbourhoods have died out in terms of their social association with the river. It is evident that the city has lost the social eminence of its riverfront because of the indifferent behaviour towards its revival. A discussion in response to the social issues of addressing the urban concern for finding a suitable solution or method to revive the lost values of an urban river has been elaborated within the paper. This research paper explored the principles of building a framework of developing tools for redefining the value of an urban riverfront through strengthening its cultural and social bonds with the city.

Keywords: Degrading Urban Landscape, Riverfront Development, Social Recognition, Cultural Exposure, Heritage Restoration

13

Payment Voucher

No. : 3901	Dated : 15/3/2021
Particulars	A
Account :	Amount
Suruchi Modi-AU0024	5,000.00
Through :	
Cash in Hand	
On Account of :	
Reserach Paper published on Reconnecting the City to its Riverfront : A case of Kolkatta	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00

sweet floch Receiver's Signature

ð

Prepared by

Checked by

Authorised Signatory





Date: 22/3/2021

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Tanaya Verma

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 5,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

35

Regards, Stor 65 Compared of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





GGARWAL COLLEGE BALLABGARH ++ the second se

F. Mer

The second secon

For an and

A Post Graduate Co-educational College NAAC Accredited A++ (CGPA: 3.57)

Payment Voucher

No. : 3941

.

Dated : 25/3/2021

Particulars	Amount
Account :	, anoun
Tanaya Verma-AU0012	5,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in State level FDP on NAAC revised accrediation framework and Quelling the quest	
Amount (in Words) :	
Indian Rupees Five Thousand Only	
	₹ 5,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory





Date: 25/12/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Tapasya Samal

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 7,800 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



AWARD OF Excellence

This is to certify that

Ms. Tapasya Samal

Presented best Paper in the

National Conference **Cultural Identities** Manifestation Through Architecture

27th and 28th November 2020

Pro hant CBalpai

PRASHANT C. BAJPAI CHAIRMAN VASTU KALA ACADEMY, COLLEGE OF ARCHITECTURE





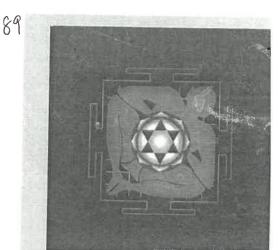








Vastu Kala Academy College of Architecture 9/1. Institutional Area, Aruna Asaf Ali Marg, New Dehi, 110067



Payment Voucher

Particulars	A
Account :	Amount
Tapasya Samal-AU0176	7,800.00
ن ۳	
Through :	
Cash in Hand	
On Account of :	
Participation in Cultural Idendities, Manifestations through Architecture	
Amount (in Words) :	
Indian Rupees Seven Thousand Eight Hundred Only	
	₹ 7,800.00

Authorised Signatory

Verified by



Receiver's Signature

Prepared by

Checked by



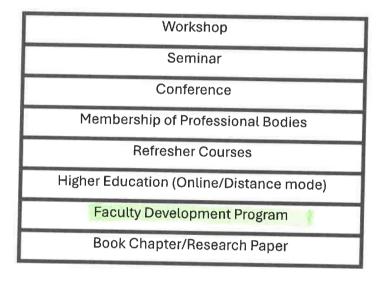
Date: 14/8/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Taral Harish Shah

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)



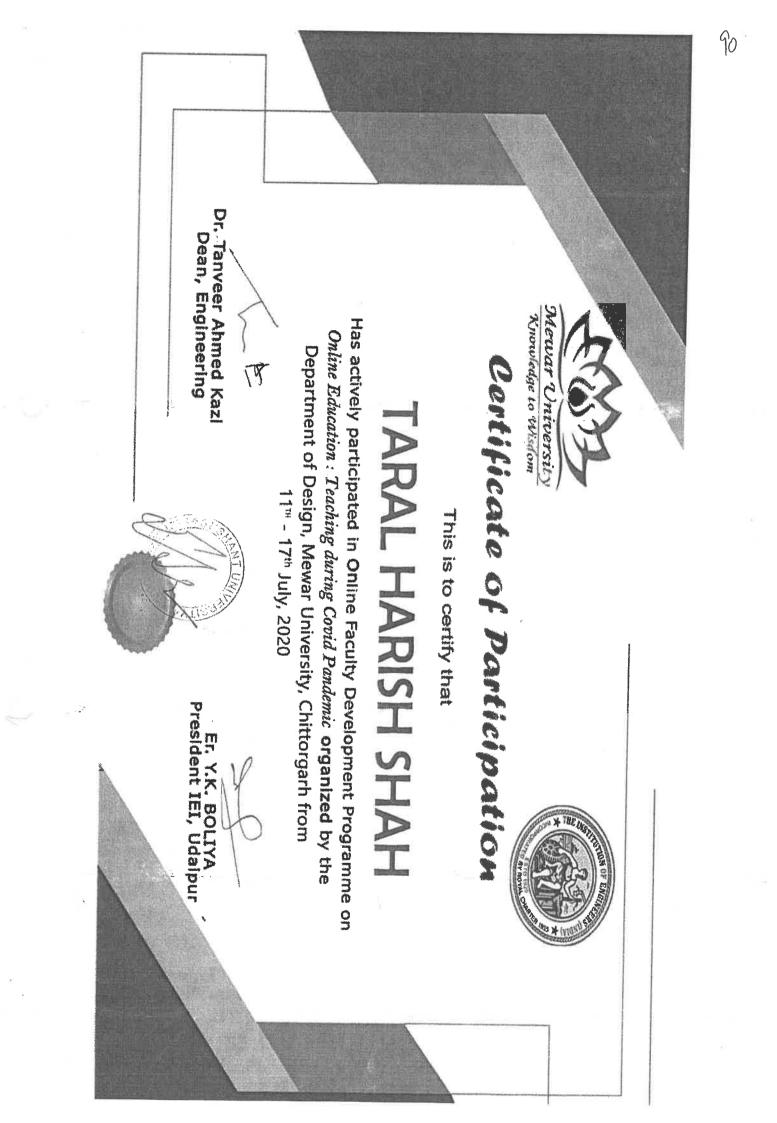
After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





SUSHANT UNIVERSITY (2020-21)

Sector -55, Golf Course Road

Gurgaon

Payment Voucher

No. : 1563	Dated : 28/8/2020
Particulars	Amount
Account :	
Taral Harish Shah-AU0484	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on online education: Teaching during Covid Pandemic	3
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00

Authorised Signatory

Prepared by

Receiver's Signature

Checked by





Date: 16/10/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Usman Khan

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

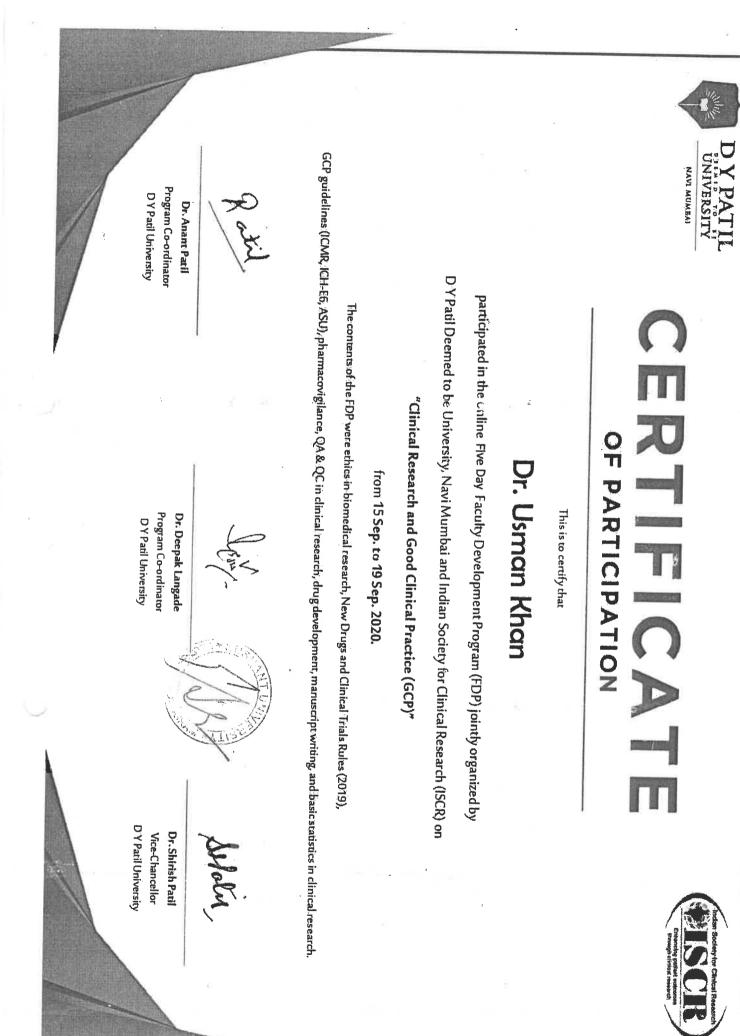
After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, 53 Comparison Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram





20-21.

91

Gurgaon

Payment Voucher

No. 3625

Dated : 4/2/2021

Particulars	Amount
Account :	
Usman Khan-AU0599	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Clinical Research And Good Clinical Practice	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00

Monenham

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by





Date: 11/9/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Vidushi Puri

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



Payment Voucher

No. . 3613

Dated : 1/2/2021

Particulars	Amoun
Account :	
Vidushi Puri-AU0542	6,000.00
Through :	
Cash in Hand	
On Account of :	
Participation in National level FDP on Developing the Next Gen Teachers	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00
1	
6	
11 dush Vari	Corr.
ceiver's Signature	1N

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

Verified by



92



Date: 13/7/2020

Subject – Financial Support to members of the faculty for Professional/Academic development

Dear Prof. Vijaylakshmi

With reference to your request received for financial support for participation in

Nature of Event (Please Highlight one)

Workshop
Seminar
Conference
Membership of Professional Bodies
Refresher Courses
Higher Education (Online/Distance mode)
Faculty Development Program
Book Chapter/Research Paper

After examining & subsequent discussions with the management, the University is happy to Sanction Rs. 6,000 as financial support.

You are hereby directed to submit the statements of expenditure, bills and vouchers of the expenses to the office for the reimbursement of the same

We look forward to your continuous Professional growth and development.

Regards, Control 55 Characteristics Office of Human Resources Sushant University (Erstwhile Ansal University), Gurugram



RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI MANIAR ANALYABLE TRUST In association with



Indian Institution of Industrial Engineering

CERTIFICATE This is to certify that



VIJAYALAKSHMI

of Sushant University, Gurgaon, Haryana has participated the One Week Online Faculty Development Program on "Introduction To Autodesk Inventor" held during 1 June, 2020 to 5 June, 2020.

Dr. S. U. Bokade Principal Dr. S. D. Deshmukh Convener Dr. R. V. Kale Convener S

93

Gurgaon

Payment Voucher

No. 1519

Dated : 14/8/2020

Particulars	Amoun
Account :	
Vijaylakshmi-AU0034	6,000.00
Through	
Cash in Hand	
On Account of :	
Participation in National level FDP on Introduction to Autodesk inventor, Rajiv Gandhi Institute of Tech, Mumbai	
Amount (in Words) :	
Indian Rupees Six Thousand Only	
	₹ 6,000.00

Receiver's Signature

Prepared by

Checked by

Authorised Signatory

