



SITARAMBHAI NARANJI PATEL
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRACH

A Vidyabharti Trust Institution

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NBT/SNPITRC/GTU-ISTE/19/60

11-01-2018

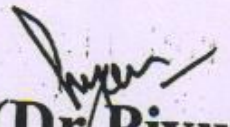
To,
Prof. K. M. Bhavsar
Chairman, ISTE Gujarat Section

Subject: Submitting GTU-ISTE Approved FDP Documents

Dear Sir,

With reference to the subject mentioned above, we feel honored for giving such a great opportunity to host ISTE-GTU approved FDP on DEEP LEARNING USING PYTHON during 17-12-2018 to 22-12-2018 at our institute. Thank you very much for all your support and cooperation.

Kindly find all FDP documents we are submitting here with for further evaluation.


(Dr. Piyush Jain)

Principal,
SNPIT & RC





S. N. Patel Institute of Technology & Research Centre, Umrakh
(A Vidyabharti Trust Institution)
Approved by AICTE and Affiliated to GTU

DIVYA BHASKAR

Date:03-01-2019

ફેકલ્ટી ડેવલોપમેન્ટ અંગે માર્ગદર્શન અપાયું વિવિધ કોલેજના 28 પ્રોફેસરોએ પાઈથન પ્રોગ્રામિંગનું જ્ઞાન લીધું

બાસ્કર વ્યૂઝ | વ્યારડોલી

બારડોલ તાલુકાના ઉમરાખ ખાતે આવેલ એસ એન. પટેલ ઈન્સ્ટીટ્યુટ ઓફ ટેકનોલોજી એન્ડ રિસર્ચ સેન્ટર, ઉમરાખમાં ડિગ્રી એન્જિનિયરિંગ કોલેજના કોમ્પ્યુટર એન્જિનિયરિંગ ડિપાર્ટમેન્ટ દ્વારા 6 દિવસીય ફેકલ્ટી ડેવલોપમેન્ટ પ્રોગ્રામનું આયોજન થયું હતું. જેમાં મુખ્ય વિષય 'DEEP LEARNING USING PYTHON' હતો. આ પ્રોગ્રામના આયોજન માટે દેશની પ્રતિષ્ઠિત સંસ્થા ઈન્ડિયન સોસાયટી ઓફ ટેકનિકલ એજ્યુકેશન અને ગુજરાત ટેકનોલોજી યુનિવર્સિટી તરફથી



આધિકારિક મંજૂરી અને ફંડની ફાળવણી કરવામાં આવી હતી. ખુબ જ નવીનતમ અને મહત્વપૂર્ણ પ્રોગ્રામ માટે જ આવા ફંડની ફાળવણી કરવામાં આવતી હોય છે. પ્રોગ્રામમાં વિવિધ કોલેજના 28 પ્રોફેસરોએ PYTHON પ્રોગ્રામિંગ શિખવા માટે ભાગ લીધો હતો. વર્ષા માલી અને વિજય

કાટકર પાયથોન પ્રોગ્રામિંગ અને ડીપ લર્નિંગની ખુબ વિસ્તાર અને ઉંડાણમાં સમજ આપી હતી. પ્રોગ્રામના અંતમ દિવસે આર્ટ ઓફ લિવિંગના સત્રનો પણ સમાવેશ થયો હતો. જેમાં આંતરરાષ્ટ્રીય યોગ ટીચર દિલીપભાઈ પટેલ દ્વારા યોગ અને આર્ટ ઓફ લિવિંગની વિવિધ પ્રવૃત્તિઓ કરવવામાં આવી હતી. કાર્યક્રમની પૂર્ણાહૂતિ સમારોહમાં ISTE NEW DELHI ના એક્ઝીક્યુટિવ મેમ્બર ડો. વિજય વૈદ્ય મુખ્ય અતિથી તરીકે હાજર રહ્યા હતાં. તેમણે જણાવ્યું હતું કે પ્રોફેસરોને નવી ટેકનોલોજી વિશે અવગત કરાય એ વિદ્યાર્થીઓના ભવિષ્ય માટે પણ ખુબ જ આવશ્યક છે.

For Admission : 09925777117

At & Po Baben, Ta: Bardoli, Dist: Surat, Pin:394601 | Web: www.snplitrc.ac.in



SANDESH

Date: 31-12-2018

સંદેશ વિશેષ

ઉમરાખ કોલેજ દ્વારા ફેકલ્ટી ડેવલપમેન્ટ પ્રોગ્રામ



બારડોલી વિસ્તારની સૌ પ્રથમ ડિગ્રી એન્જિનિયરિંગ કોલેજ એસ.એન.પટેલ ઈન્સ્ટિટ્યુટ ઓફ ટેકનોલોજી એન્ડ રિસર્ચ સેન્ટર ઉમરાખ બારડોલી ડિગ્રી એન્જિનિયરિંગ કોલેજના કમ્પ્યુટર એન્જિનિયરિંગ ડિપાર્ટમેન્ટ દ્વારા ૬ દિવસીય ફેકલ્ટી ડેવલપમેન્ટ પ્રોગ્રામનું આયોજન થયું હતું. જેનો મુખ્ય વિષય ટીપ લર્નિંગ યુસિંગ પાયથોન હતો. આ પ્રોગ્રામના આયોજન માટે દેશની પ્રતિષ્ઠિત સંસ્થા ઈન્ડિયન સોસાયટી ફોર ટેકનિકલ એજ્યુકેશન અને ગુજરાત ટેકનોલોજિકલ યુનિવર્સિટી તરફથી આધિકારિક મંજૂરી અને ફંડની ફાળવણી કરવામાં આવી હતી. નવીનતમ અને મહત્વપૂર્ણ પ્રોગ્રામ માટે જ આવા ફંડની ફાળવણી કરવામાં આવતી હોય છે. પ્રોગ્રામમાં વિવિધ કોલેજોના ૨૮ પ્રોફેસરોએ પાયથોન પ્રોગ્રામિંગ શીખવા માટે ભાગ લીધો હતો. મુખ્ય બે એક્સપર્ટ પ્રો.વર્ધા માલી અને પ્રો.વિજય કાટકર કે જે મુંબઈ યુનિવર્સિટી અંતર્ગત આવેલી કોલેજમાં પ્રોફેસર તરીકે ફરજ બજાવે છે. જેમને પાયથોન પ્રોગ્રામિંગ અને ટીપ લર્નિંગની ખૂબ વિસ્તારથી અને ઊંડાણમાં સમજ આપી હતી. પ્રોગ્રામના અંતિમ દિવસે આર્ટ ઓફ લીવિંગના સત્રનો પણ સમાવેશ થયો હતો. જેમાં આંતરરાષ્ટ્રીય યોગા ટીચર ટિલીપભાઈ પટેલ દ્વારા યોગા અને આર્ટ ઓફ લીવિંગની વિવિધ પ્રવૃત્તિઓ કરાવવામાં આવી હતી.

For Admission : 09925777117

**S N PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE, UMRAKH
GTU-ISTE APPROVED AND FUNDED FACULTY DEVELOPMENT PROGRAM
ON**

DEEP LEARNING USING PYTHON

17-12-2018 to 22-12-2018

SCHEDULE

Date/Time	Session 1		Session 2		1 to 1:45	Session 3		Session 4	
	9:30 to 10	10 to 11:30	11:30 to 1	1:45 to 3:20		3:20 to 3:30	3:30 to 4:30		
17-12-2018	Basics of Python, Data Types		Conditional Statements, Looping		Lunch Break	Control Statements, Functions		Numpy, Lists	
18-12-2018	Data Import/ Export		Data Preprocessing, cleaning			Basics of Neural Networks		Multilayer Perceptron (MLP)	
19-12-2018	Basics of Tensorflow using python		Basics of Tensorflow using python			Basics of Tensorflow using python		Basics of Tensorflow using python	
20-12-2018	MLP using Tensorflow for Image Processing		MLP using Tensorflow for Image Processing			MLP using Tensorflow for Image Processing		MLP using Tensorflow for Image Processing	
21-12-2018	Convolution Neural Network using Tensorflow for Image		Convolution Neural Network using Tensorflow for Image		Tea Break	Convolution Neural Network using Tensorflow for Image		Convolution Neural Network using Tensorflow for Image	
22-12-2018	High Tea								

Dr. Vijay D. Katkar

OBJECTIVE:

Willing to work as a key player in challenging & creative environment

ACADEMIC QUALIFICATIONS:

Degree	Branch	Institute/University	Month & Year	Percentage (CPI)
PhD	Compute Engineering	Bharti Vidyapeeth (Pune)	January 2017	----
M. Tech	Compute Engineering	Veermata Jijabai Technological Institute (Mumbai University)	May 2008	8.5 (CPI)
B. E.	Information Technology	K.C. College of Engineering (Mumbai University)	June 2005	64.13%
Diploma	Compute Technology	S.H. Jondhale Polytechnique (M.S. BTE)	June 2002	72.98 %

GATE SCORE (2006): Marks: 518 All India Rank: 89 (Information Technology)

Ph.D:

Topic: Scalable Network Intrusion Detection System for Detection of DoS and DDoS Attacks using Adaptive Ensemble of Naive Bayesian Classifiers

Guide: Dr. S.G. Bhirud

RESEARCH WORK:

Patent filed:

Patent Application Number: 2029/MUM/2015

Title of Innovation: Light Weight Distributed Intrusion Detection System

No of Publications in International Conferences: 29

No of Publications in International Journals: 12

Number of Citations: 91

H Index: 5

Best Paper Awards:

1. Content-based Image Retrieval Using Deep Convolution Neural Network, International Conference on Computing, Communication, Control and Automation-2015 (IEEE Conference), August 2017
2. Detecting of DoS/DDoS attack against HTTP Servers using Naïve Bayesian, International Conference on Computing, Communication, Control and Automation-2015 (IEEE Conference), DOI: 10.1109/ICCUBEA.2015.60

3. Content Based Video Classification using Edge Detection and Naive Bayesian Classifier, International Conference on Communication and Computing ICC – 2014 (Elsevier Conference)
4. Novel Architecture for Intrusion-Tolerant Distributed Intrusion Detection System using Packet Filter Firewall and State Transition Tables, International Journal of Computer Applications, Vol. 8, Number: 11 (Editor's Choice Award)

Research Grant Received:

Agency: BCUD, Savitribai Phule Pune University

Amount: 37,000/

R&D Workshops Conducted as Resource Person:

1. Machine learning using Python and research scope, Three days Hands on Workshop for Faculty members and students (at PCCOE, Pune)
2. Data Mining using Java and Weka and research scope, One day Hands on Workshop for Faculty members and students of PCCOE, Pune
3. Data Mining using Weka and research scope, One day Hands on Workshop for Faculty members and students of PCCOE, Pune

R&D Workshops Organized:

1. Video processing using Matlab and research scope, One day Hands on Workshop for Faculty members and students of PCCOE, Pune
2. Basics of Image processing using Matlab and research scope, One day Hands on Workshop for Faculty members and students of PCCOE, Pune

Training Programs Organized:

1. Scope and opportunities for commercialization of Patents, One day Training program for Faculty members of PCCOE, Pune
2. Scope and opportunities for computer engineers in Patents filing, One day Training program for Faculty members and students of PCCOE, Pune

Laboratory Development:

Developed a Laboratory for research in Machine Learning at PCCOE, Pune

Summer/Winter School attended:

QIP on Big Data Analytics at Veermata Jijabai Technological Institute (VJTI), Mumbai from 10th May 2017 to 19th May 2017

Publications in International Conferences:

Content based Image Retrieval using Deep Convolution Neural Network, 'International Conference on Computing, Communication, Control And Automation-2017', August 2017

Distributed content based Image search Engine using Hadoop Framework, IEEE International Conference on Communication and Signal Processing, April 2017, DOI: 978-1-5090-3799-5/17

Image Classification using Fuzzy Block Truncation Coding, Conference on Advances in Signal Processing (IEEE Conference), June 2016, DOI: 10.1109/CASP.2016.7746201

Music Genre classification using data mining algorithms, Conference on Advances in Signal Processing (IEEE Conference), June 2016, DOI: 10.1109/CASP.2016.7746136

Image Classification using Discrete Block Truncation Coding, International Conference on Communication and Networks (IEEE Conference), January 2016

Performance Comparison of Feature Extraction Techniques for Person Authentication (IEEE Conference), ICWET, February 2016

Sentiments Analysis of Twitter Data Using Data Mining, IEEE International Conference on Information Processing, December 2015, DOI: 10.1109/INFOP.2015.7489492

A Multi-classifiers Based Novel DoS/DDoS Attack Detection Using Fuzzy Logic, International Conference on ICT for Sustainable Development (Springer Conference), February 2016, DOI: 10.1007/978-981-10-0135-2_77

Detecting of DoS/DDoS attack against HTTP Servers using Naïve Bayesian, International Conference on Computing, Communication, Control And Automation-2015 (IEEE Conference), DOI: 10.1109/ICCUBEA.2015.60

Sales Forecasting using Data warehouse and Naïve Bayesian classifier, IEEE International Conference on Pervasive Computing 2015, DOI: 10.1109/PERVASIVE.2015.7087133

Experiments on Selection of pre-processing method for performance augmentation of Classifier, International Conference on Computing, Communication, Control And Automation-2015 (IEEE Conference), DOI: 10.1109/ICCUBEA.2015.94

Traffic Video Classification using Edge Detection Techniques, International Conference on Nascent Technologies in the Engineering Field (ICNTE-2015) (IEEE Conference), DOI: 10.1109/ICNTE.2015.7029907

Content Based Video Classification using Fuzzy rule base for Edge Detection, International Conference on Nascent Technologies in the Engineering Field (ICNTE-2015) (IEEE Conference), DOI: 10.1109/ICNTE.2015.7029942

Content Based Video Classification using Kekre's transform and supervised clustering, International Conference on Communication and Computing ICC – 2014 (Elsevier Conference)

Content Based Video Classification using Edge Detection and Naive Bayesian Classifier, International Conference on Communication and Computing ICC – 2014 (Elsevier Conference)

Content Based Video Classification using Block Truncation Coding and Naive Bayesian Classifier, International Conference on Communication and Computing ICC – 2014 (Elsevier Conference)

Lightweight approach for detection of denial of service attacks using numeric to binary reprocessing, International Conference on Circuits, Systems, Communication and Information Technology Applications (CSCITA), 2014 (IEEE Conference), DOI: 10.1109/CSCITA.2014.6839260

Effects of Multi-processing on Detection of Denial of Service Attacks, ICR Tet – 2014 (Elsevier Conference)

Experiments on detection of denial of service attack using Bayes Net, International Conference on Recent Trends in Engineering & Sciences (ICRTES), 2013

Experiments on Detection of Denial of Service Attacks using Ensemble of Classifiers, IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), 2013, DOI: 10.1109/ICGCE.2013.6823550

Experiments on detection of Denial of Service attack using Naïve Bayesian, IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), 2013, DOI: 10.1109/ICGCE.2013.6823529

Experiments on detection of Denial of Service attack using REP-Tree, IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), 2013, DOI: 10.1109/ICGCE.2013.6823527

Light weight approach for IP-ARP spoofing detection and prevention, Second Asian Himalayas International Conference on Internet (AH-ICI), IEEE 2011, DOI: 10.1109/AHICI.2011.6113951

SYN flood attack prevention using main-memory database management system. Second Asian Himalayas International Conference on Internet (AH-ICI), IEEE 2011, DOI: 10.1109/AHICI.2011.6113945

Survey of Low Rate DoS attack Detection Mechanisms, International Conference and Workshop on Emerging Trends and Technology, ACM 2011, DOI: 10.1145/1980022.1980227

IPYRAMID: Incremental Parallel Hybrid Clustering Using Genetic Programming and Multi objective Fitness with Density, International Conference on Computer Modeling and Simulation (ICCMS 2011),

Efficient Content Based Video Retrieval for Animal Videos, International conference on Advances in Computer, Communication & Control, Springer 2011

Intrusion Detection System, International Conference on Informatics Cybernetics and Computer Applications, 2010

The Efficient Internet Shopping World Using Content Based Image Retrieval, International Conference on Content Based Image Retrieval, 2008

Publications in International Journals:

Shape Feature based Content Based Image Retrieval using Deep Convolution Neural Network, 'International Journal of Innovations & Advances in Computer Science', 2017, Volume-6, Issue-8

Distributed Content based Video Search Engine using Hadoop Framework, International Journal of Emerging technologies in Computational and Applied Sciences, Year: 2017, Volume: 20, Issue: 1

Study on Block Device Driver and NVMe their Implementation Impacts on Performance, 'International Journal of Computer Sciences and Engineering', Year-2016, Volume-4, Issue-5

Multi-Learning-Paradigm Ensemble for Detection of Denial of Service Attacks, European Journal of Scientific Research, Year: 2014, Volume-120, Issue-4

HIDS for Detection of Novel Distributed Denial of Service attacks using Fuzzy Mining, One Pass Apriori & Ensemble of Naïve Bayesian Classifiers, European Journal of Scientific Research, Year: 2013, Volume-119, Issue-2

Detection of Distributed Denial of Service attacks using Ensemble of Fuzzy Logic and Naïve Bayesian Classifiers, European Journal of Scientific Research, Year: 2013, Volume-105, Issue-1

Novel DoS/DDoS Attack Detection and Signature generation, International Journal of Computer Applications, Year: 2012, Volume-47, Issue-10

Incremental Frequent Pattern Mining, International Journal of Engineering and Advanced Technology, Year: 2012, Volume-1, Issue-6

One Pass Incremental Association Rule Detection Algorithm for Network Intrusion Detection System, International Journal of Engineering Science and Technology, Year: 2011, Month: October, Volume-3

Software based Low Rate DoS Attack Detection Mechanism, International Journal of Computer Applications, Year: 2011, Month: April, Volume-20

Novel Architecture for Intrusion-Tolerant Distributed Intrusion Detection System using Packet Filter Firewall and State Transition Tables, International Journal of Computer Applications, Year: 2010, Volume-8, No-11

Incremental Cluster Detection using a Soft Computing Approach, International Journal of Computer Applications, Year: 2010, Volume-11, No-8

WORK EXPERIENCE: (8 Years, 10 Months)

- **College:** SIES Graduate School of Technology (Mumbai) (3rd October 2017 – Till Date)
Designation: Associate Professor
- **College:** Pimpri Chinchwad College of Engineering (Pune) (15th June 2012 – 29th September 2017)
Designation: Assistant Professor

- **College:** A. C. Patil Collge of Engineering (Navi Mumbai) (23rd March 2011 – 30th May 2012)
Designation: Assistant Professor
- **College:** Mukesh Patel School of Technology Management & Engineering (Mumbai) (14th January 2010 – 21st march 2011)
Designation: Assistant Professor
- **College:** Saint Xavier College of Engineering (Mumbai) (24th July 2008 – 26th December 2008)
Designation: Lecturer
- **Company:** Vidya Consultancy (Navi Mumbai) (8th February 2006 – 15th July 2006)
Designation: Senior Programmer
- **Company:** Financial Technologies India Ltd. (Mumbai) (1st July 2005 – 7th February 2006)
Designation: Programmer

PROGRAMMING LANGUAGES KNOWN: Java, Python

PERSONAL SKILLS

- Comprehensive problem solving abilities
- Ability to deal with people diplomatically
- Willingness to learn
- Team facilitator and hard worker.

EXTRA CURRICULAR ACTIVITIES

- Meditation
- Social Service

PERSONAL INFORMATION

Birth Date: 1st September 1983

Address: F-108, Tanish Srushti, Charoli Khurd, Alandi-Markal Road, Pune.

Email: katkarvijayd@gmail.com

Mobile: 9323134570

Varsha Nitin Mali.

Assistant Professor

IT Department,
SIES GST, Mumbai

Phone no- 022 6108 2440, 09870744215

Email ID- varsha.mali@siesgst.ac.in

About Me: My Research Areas are Data Mining, Machine Learning, and Data Science. Although my prior work has been on Geographical information Systems, I have not been able to work further in this area due to the nature of my current teaching assignments. However, this has provided me opportunity to developed newer interests. I plan to continue to focus these areas and get deeply involved.

Educational Qualification:

- M.E (Computer Engineering), Thadomal Shahani Engineering College, University of Mumbai
- PGDDS (Post Graduate Diploma in Data Science),University of Mumbai
- B.E (Information Technology), RGIT, University of Mumbai

Additional Activities:

- Coordinator of Center of Excellence in Data Science and Deep Learning
- Techxter student incharge
- Timetable Coordinator
- Codechef Faculty Coordinator

Conferences Organized:

1. Organizing Member of ICGCT' 13, an "International Conference on Green Computing and Technology (ICGCT'13)" held during September 05 - 06, 2013 at SIES Graduate School of Technology, Nerul, Mumbai.

Workshops/STTPs Organized:

1. Organized AICTE-ISTE approved One week STTP on “Data Analytics, Machine Learning with Python” at SIESGST, January 01-06,2018
2. Organized one week Short Term Training Program On 'Data Analytics with R programming', July 03-07, 2017, SIES GST, Nerul.
3. Organized one week Short Term Training Program On 'Information and Network Security', Nov 2013 at SIES GST, Nerul.

Workshops/STTPs Attended:

1. Attended QIP Sponsored Two Week Short Term Training Program On 'Big Data Analytics' at VJTI, May 2017
2. Attended one week STTP on 'Mobile Communication and Android Programming', Jun-July, 2016 at SIES GST, Nerul.
3. Attended Two Week STTP on 'IITBombayX Technical Communication for Scientists and Engineers', Oct-Dec 2015 at SIES GST, Nerul.
4. Attended one day workshop on “Becoming Effective teacher” held during 29 June-30 July, 2015 at SIES GST, Nerul.
5. Attended three days workshop on “Internet of Things” held on 27 June-30 July, 2015 at SIES GST, Nerul.
6. Attended one week STTP On'Information and Network Security', Nov 2013 at SIES GST, Nerul.

Online Courses:

1. Successfully completed a course on Datacamp “Kaggle R Tutorial on Machine Learning”

2. Successfully completed a course on Datacamp “Data Manipulation in R with dplyr Course”

3. Successfully completed a course on Datacamp “Intermediate R Course”

More than 8 years of teaching experience

- Working as Assistant professor in SIESGST (2012 -till date).
- Worked as Lecturer in Thadomal shahani Engineering college (2010-2012)
- Worked as Teaching Assistant in Mukesh Patel School of Engineering, management and Technology. (2009-2010)



S N PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE
GTU-ISTE APPROVED AND FUNDED FACULTY DEVELOPMENT PROGRAM

ON
DEEP LEARNING USING PYTHON
EVALUATION SHEET

Date: 22/12/2018

Sr No.	Name	Max. Marks	Marks Obtained
1	Dhaval Rangrej	50	40
2	Soneria Hardik	50	40
3	Drashti Shah	50	42
4	Jatinderkumar Saini	50	45
5	Viral Panchal	50	42
6	Devarshi Naik	50	44
7	Sandip Tandel	50	43
8	Darshan Chauhan	50	40
9	Vishmay Vaidya	50	40
10	Rutal Mahajan	50	45
11	Kajal Isamaliya	50	40
12	Hiral Padhiyar	50	40
13	Aarti Parekh	50	40
14	Vishal Dhimar	50	40
15	Miral Thakker	50	40
16	Vishal U Shah	50	40
17	Pritee Parmar	50	40
18	Mistry Vipul	50	44
19	Bombaywala Salman	50	42
20	Shaikhji Zaid	50	40
21	Patel Mayank	50	40
22	Virang Patel	50	40
23	Payal Tandel	50	40
24	Denish Prajapati	50	40
25	Chirag B Patel	50	43
26	Dilip Patel	50	43
27	Achal Mistry	50	43
28	Janak B Patel	50	43

Prof. Dhaval Jadhav
Co ordinator

Prof. Bhavesh Patel
Co ordinator

Dr. Piyush Jain
Principal





SITARAMBHAI NARANJI PATEL
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRAKH

A Vidyabharti Trust Institution
Vidyabharti Campus, At. UmraKh, Ta. Bardoli, Dist. Surat 394 345
Ph. 02622-224581, 220581 Fax 02622-227481, 225458
email: admin@snpitrc.ac.in, vbtdegree_umraKh@yahoo.co.in
Visit us on: www.snpitrc.ac.in

VBT/ENGG/ISTE/19/27

To,

The Executive Secretary,
ISTE,
New Delhi. 110 016

Sub: - Regarding ISTE FACULTY membership....

Sir,

Greetings !

Please find enclosed here with an application forms (5 no's) of our FACULTIES for ISTE membership along with a DD in favour of "INDIAN SOCIETY FOR TECHNICAL EDUCATION" Payable at New Delhi.

Kindly accept the same and do the needful.

Faculty Name	Amount	DD NO	Bank Name
1. Rohini Singh	3540	123075	Central Bank of India
2. Aarti M Parekh	3540	123079	Central Bank of India
3. Vishalkumar U Shah	3540	106248	SBI
4. Pritee Parmar	3540	123074	Central Bank of India
5. Drashti Shah	3540	669291	SBI


The mailing address for Faculty member is as below.

S.N.PATEL INST.OF TECH. & RESERCH CENTRE,
VIDYABHARTI CAMPUS,
AT.UMRAKH, TA.BARDOLI,DIST.SURAT-394345
E-Mail - admin@snpitrc.ac.in
Phone No.: +91 - 2622 - 224581, +91 - 2622 - 220581, Fax: +91 - 2622 - 227481

Our Institute ISTE Institutional Membership No. IM-1691

Our Institute ISTE Student Chapter Membership No. GU-47.

Our Institute ISTE Faculty Chapter Membership No. GU-044


Principal - S.N. PATEL INSTITUTE
OF TECHNOLOGY & RESEARCH CENTER
UMRAKH-394 345

S.N. Patel Inst. of Tech. & R.C.

Encl :- 5(No's) DD of Rs. 3540/- ISTE NEW DELHI





INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1860)

Prof. Vijay D. Vaidya
Executive Secretary, ISTE

ISTE/GTU-ISTE FDP/2018

December 3, 2018

Dear Sir,

Sub : ISTE-GTU Faculty Development Programmes - regarding

Ref. : 1. Our offer letter dated October 31, 2018
2. Your willingness to conduct the program.

Sanction is hereby accorded to conduct ISTE approved and GTU sponsored Faculty Development Program on **Deep Learning using Python** during **17-12-2018 to 22-12-2018**.

You are requested to take steps to conduct the program subject to the following terms and conditions (as laid down by the GTU):

1. The total budget sanctioned for the program is Rs.1,00,000/-. The additional expenses over the budget limit of Rs.1,00,000/- shall be borne by the host institution if any. The host institute may get the sponsorship from other organization to cover the additional expenses. The duration of the program is for one week.
2. If the actual expenses are below the limit of Rs.1,00,000/-, GTU shall provide the financial assistance equal to the actual expenses only (after deducting the amount of Registration Fees & Income from other sources).
3. GTU will not provide any advance amount to host institute. The host institute will submit the original bills along with other required documents to ISTE Gujarat. After verification (having original bills, report of FDP with Photographs, Fund Utilisation Certificate, TDS declaration, Feedback form and Attendance sheet duly signed by participants for all days) ISTE Gujarat will hand over the file of respective host institute to GTU for reimbursement of bills.
4. Please prepare an information brochure on the program containing desired information and salient features of the program inviting applications from all the institutions in your area. Preference should be given to the participants having ISTE Life Membership and those who are not members, kindly ensure and arrange to enroll them as members of ISTE before/during commencement of the program.
5. ISTE will do the certification of these programs jointly with GTU.
6. The coordinator must be a full time regular faculty and must of ISTE Life Member with adequate experience in teaching and research with publication.

7. The fund will be sponsored by GTU and the sanction budget is Rs.1,00,000/- . The host institute may get the sponsorship from other organisations to cover the additional expenses and also from the participants through "Registration Fees". Colleges may charge upto Rs.1000/- per participants for one week FDP as registration fees. Fees received from the participants will be utilized by institutes to conduct the event.
8. GTU will not provide any advance amount to host institute.
9. Minimum 25 participants are required to conduct the FDP and maximum 40 participants can be accommodated in one batch. It is mandatory to invite 60% speakers/subject experts from other institutes/organisations.
10. While making claim, institute will clearly mention income from all sources. Total actual expenses after deducting registration fees and income from other sources will be reimbursed by GTU subject to maximum ceiling of Rs.1,00,000/- e.g.:

Total expenses	: Rs.1,50,000/-
Registration fees & income from other sources	: Rs.60,000/-
Amount to be reimbursed by GTU to host institute	: Rs.90,000/- (Rs.1,50,000 – Rs.60,000)

11. **A test should be conducted at the end of the programme and the certificates will be issued only for those participants whose attendance is full and should qualify the test.**

BUDGET FOR ONE FACULTY DEVELOPMENT PROGRAMME

Tentative heads and approximate amount of budget to be sponsored by GTU

8. Boarding & Lodging charges for participants (Rs.250/- × 5×40)	-	Rs.	50,000/-
9. TA Boarding & Lodging for the invited experts	-	Rs.	13,000/-
10. Honorarium to the invited experts (5 days × 4 sessions=20 @1000/-)	-	Rs.	20,000/-
11. Honorarium to course coordinator	-	Rs.	2,000/-
12. Ancillary Staff	-	Rs.	2,000/-
13. Publication	-	Rs.	10,000/-
14. Contingencies, Consumables & Office expenditure	-	Rs.	3,000/-
			=
			Rs. 1, 00,000/-

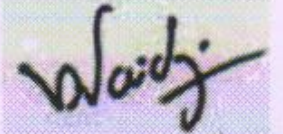
12. At the end of the programme, an evaluation/test is conducted to assess the performance of each participant. **Only those participants whose attendance and performance in the test have been found satisfactory will be awarded the ISTE-GTU Joint Course Certificate.** The following details are to be sent to ISTE, New Delhi for the further evaluation:
 - 8) Certified xerox Copy of Attendance of the participants.
 - 9) Programme schedule detail with brief bio-data of resource persons.
 - 10) Assessment about the effectiveness and usefulness of the programme by evaluators.
 - 11) The feedback from participants and coordinators
 - 12) Expenditure details (copy of audited statement of programme signed by practicing Chartered Accountant)
 - 13) Selected photographs of programme
 - 14) Conclusion.

13. Any change in the schedule for holding the program, change of Coordinator's name, venue and date would require prior approval, failing which the offer for the grant already issued would be treated as automatically withdrawn.
14. Surprise visits will be planned by GTU and ISTE during the Program. They will have discussions with the course coordinator, resource persons and the participants. They will be submitting their report to ISTE which in turn will be submitted to GTU.
15. Eminent personalities in the field must be invited as the resource person and minimum one good resource person from industry should be invited during the program.
16. You are requested to introduce one session on **Art of Living** during the program .

I am confident that the program being organized at your institute under your able leadership would be a grand success. Assuring you the best cooperation from our end at all times.

With best regards,

Yours sincerely,



(Prof. Vijay D. Vaidya)

To

Prof. Bhavesh Patel
Assistant Professor
S.N. Patel Institute of Technology & Research
Centre; Vidyabharati Campus
Umrakh, Bardoli, Dist. Surat

Faculty development programme
sponsored by GTU approved by ISTE
UTILIZATION CERTIFICATE

(FINANCIAL YEAR 2018-19)

GTU INSTITUTE CODE : 049

INSTITUTE ISTE IM NO.: IM1691

Name of coordinator: Prof.Bhavesh Patel, Prof.Dhaval Jadhav

Dates of Programme: from 17-12-2018 to 22-12-2018

Title of the FDP : DEEP LEARNING USING PYTHON

Date and Ref. Number of Sanction Letter of ISTE-ND: December 3, 2018, ISTE/GTU-ISTE FDP/2018

Sr.No.	Letter No and Date	Amount	Certified that a Sanction is granted by ISTE ND vide Sanction Letter No <u>December 3, 2018, ISTE/GTU-ISTE FDP/2018</u> where in <u>Rs1,13,543</u> has been spent towards expenses during the Conduct of FDP. Total amount of Income collected is <u>Rs.8,400</u> and hence, the actual Amount of Financial Assistant including all applicable Taxes to be provided by GTU is <u>Rs. 1,00,000</u>
1(a)	Amount of Expenses incurred during the conduct of FDP	<u>1,13,543</u>	
(b)	Total Amount of Income collected as Registration Fees/Sponsorship/s etc.	<u>8,400</u>	
(c)	Actual Amount to be reimbursed from GTU including all applicable Taxes	<u>1,00,000</u>	

Certified that I have satisfied myself that the conditions on which the financial assistance was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned

- 1.OFFER LETTER FROM ISTE-GTU
- 2.PARTICIPANTS FEES FINANCIAL STATEMENT
- 3.FUND UTILIZATION SHEET

Prof.Bhavesh Patel
Coordinator

Prof.Dhaval Jadhav
Coordinator

Dr. Piyush Jain
Head of the Institute with



Signature (with seal) of the finance officer/

Auditor/ Accounts Officer/ Certified by CA with her/his Membership No. & Full Postal Address

Name of the Event: ISTE- GTU Sponsored One Week Faculty Development Program titled "Deep Learning using Python"

Date/Duration of the Event: 17th December – 22nd December 2018.

Party Name: Shirishkumar Bhulabhai Patel	Amount (Rs.)	Remarks
Invoice Amount Bill No. 113: 44,100/-	43,659/-	
Less TDS (1% of Invoice Amount)	441/-	
Net Payable Amount	44,100/-	
Amount Paid by CASH/Cheque No.	Cheque No.: 1).001961 29440/- Rs 2).001997 14219/- Rs.	Date: 28/12/2018 10/01/2019

Signature of Coordinators

Prof. Bhavesh Patel
Prof. Dhawal Jadhav
Coordinators

Date: 11/01/2019



Signature of Head of the

Dr. Piyush S. Jain
Principal

Date: 11/01/2019





**S N PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE
GTU-ISTE APPROVED AND FUNDED FACULTY DEVELOPMENT PROGRAM**

ON

DEEP LEARNING USING PYTHON

17-12-2018 to 22-12-2018

REGISTRATION SHEET

Sr No.	Name	College Name	Amount Paid	ISTE NO.	Signature
1	Dhaval Rangrej	Laxmi Institute, Sarigam	300	LM122711	[Signature]
2	Soneria Hardik	Laxmi Institute, Sarigam	300	LM103498	[Signature]
3	Drashti Shah	Vidyabharti Trust College of MCA	300	Applied	[Signature]
4	Jatinderkumar Saini	Narmada College of MCA, Bharuch	300	LM11893	[Signature]
5	Viral Panchal	S N PATEL Institute of Tech. & Res.	300	LM87490	[Signature]
6	Devarshi Naik	S N PATEL Institute of Tech. & Res.	300	LM102407	[Signature]
7	Sandip Tandel	S N PATEL Institute of Tech. & Res.	300	LM87474	[Signature]
8	Darshan Chauhan	S N PATEL Institute of Tech. & Res.	300	LM87493	[Signature]
9	Vishmay Vaidya	S N PATEL Institute of Tech. & Res.	300	LM102406	[Signature]
10	Rutal Mahajan	S N PATEL Institute of Tech. & Res.	300	LM102409	[Signature]
11	Kajal Isamaliya	S N PATEL Institute of Tech. & Res.	300	LM87475	[Signature]
12	Hiral Padhiyar	S N PATEL Institute of Tech. & Res.	300	LM102408	[Signature]
13	Aarti Parekh	S N PATEL Institute of Tech. & Res.	300	Applied	[Signature]
14	Vishal Dhimar	S N PATEL Institute of Tech. & Res.	300	LM81279	[Signature]
15	Miral Thakker	S N PATEL Institute of Tech. & Res.	300	LM119746	[Signature]
16	Vishal U Shah	S N PATEL Institute of Tech. & Res.	300	Applied	[Signature]
17	Pritee Parmar	S N PATEL Institute of Tech. & Res.	300	Applied	[Signature]
18	Mistry Vipul	S N PATEL Institute of Tech. & Res.	300	LM81276	[Signature]
19	Bombaywala Salman	S N PATEL Institute of Tech. & Res.	300	LM81277	[Signature]
20	Shaikhji Zaid	S N PATEL Institute of Tech. & Res.	300	LM87479	[Signature]
21	Patel Mayank	S N PATEL Institute of Tech. & Res.	300	LM87478	[Signature]
22	Virang Patel	S N PATEL Institute of Tech. & Res.	300	LM102398	[Signature]
23	Payal Tandel	S N PATEL Institute of Tech. & Res.	300	LM102383	[Signature]
24	Denish Prajapati	S N PATEL Institute of Tech. & Res.	300	LM102385	[Signature]
25	Chirag B Patel	S N PATEL Institute of Tech. & Res.	300	LM102389	[Signature]
26	Dilip Patel	S N PATEL Institute of Tech. & Res.	300	LM102391	[Signature]
27	Achal Mistry	S N PATEL Institute of Tech. & Res.	300	LM102390	[Signature]
28	Janak B Patel	S N PATEL Institute of Tech. & Res.	300	LM65836	[Signature]



[Signature]
(Coordinator)



SITARAMBHAI NARANJI PATEL
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRACH

A Vidyabharti Trust Institution
Vidyabharti Campus, At. Umrakh, Ta. Bardoli, Dist. Surat 394 345
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email : admin@snpitrc.ac.in, vbtdegree_umrakh@yahoo.co.in
Visit us on : www.snpitrc.ac.in

DEEP LEARNING USING PYTHON
One Week Faculty Development Program (FDP)
From 17/12/2018 to 22/12/2018

Expen.	Ruppes	Income	Ruppes
Memento	1013	Participants Reg. Fees Received 330/- per @ 28 Member	8400
Honorarium to Invited Expert Speaker (2 Person)	30000	rembursed by GTU	100000
T. A. to Guest & Speakers 4 memebres	7150	BY Vidyabharti Trust	5143
Food Bill(6 Days)	45100		
Boarding for Speakers (5 days)	7500		
Partishipen Kit	8750		
Honorarium to Course Coordinator (2 memebres)	2000		
Honorarium to Ancillary Staff(5 Memebres)	2000		
Pubication (Printing)	7250		
Contingency, Consumable & Office Exp.,	2280		
Audit Fees	500		
TOTAL	113543	TOTAL	113543

*I verify the above income & exp A/c
with supporting documents*



**One Week Faculty Development Program (FDP) on
"DEEP LEARNING USING PYTHON"
During 17th December 2018 to 22nd December 2018**

FUND UTILIZATION SHEET

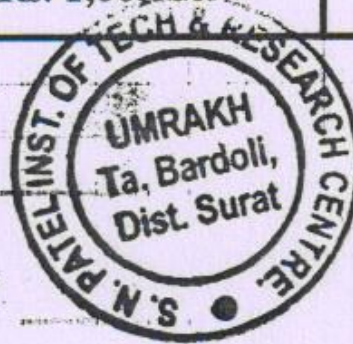
SR. NO.	PARTICULAR	RATE/ No. of Pieces/ No. of Persons	AMOUNT	Bill /Voucher /Receipt No	REMARKS
1	Memento Bill	2	1013		Cash
	1.1 Prof. Bhaskar Bhatt	1	413	79	cash
	1.2 Prof. Vijay D. Vaidya	1	600		cash
2	Honorarium to Invited Expert Speakers	2	30000		Cash
	2.1 Prof. Varsha Mali	8 Sessions	12000	2	Cash
	2.2 Prof. (Dr.) Vijay Katkar	12 Sessions	18000	4	Cash
3	T.A to Guests and Speakers	4	7,150		Cash
	3.1 Prof. Varsha Mali	1	1150	3	Cash
	3.2 Prof. (Dr.) Vijay Katkar	1	2000	5	Cash
	3.3 Prof. Bhaskar Bhatt	1	2000	1	Cash
	3.4 Prof. Vijay D. Vaidya	1	2000	6	Cash
4	Food Bill	6 Days	45100		Cash & Cheque
	4.1 Sirishbhai	6 days	44100	113	Cheque
	4.2 Shri Chamunda (for Speakers)	5 days	1000		Cash
5	Boarding for Speakers	5 Days	7500	54	Cash
	5.1 Prof. Varsha Mali	2 Days	3000		Cash
	5.2 Prof. (Dr.) Vijay Katkar	3 Days	4500		Cash
6	Participant/ Speakers/ Partner Kit	35	8750	2303	Cash
	5.1 Participant Bag	28	7000		Cash
	5.2 Speaker/ Technical Partners Bags	7	1750		Cash
6	Honorarium to Course Coordinator	1	2,000		Cash
	Prof. Bhavesh Patel	1	1000	7	Cash
	Prof. Dhaval Jadhav	1	1000	8	Cash
7	Honorarium to Ancillary Staff	4	2,000		Cash
	7.1 Prof. Viral Panchal	1	500	9	Cash
	7.2 Prof. Devarshi Naik	1	500	10	Cash
	7.3 Prof. Sandip Tandel	1	500	11	Cash
	7.4 Suhag Limbachiya	1	250	12	Cash
	7.5 Mitesh Mistry	1	250	13	Cash
8	Publication		7250	2297	Cash
	8.1 Brochure, Material, Certificate Printing		3400		Cash
	8.2 Banners, Standee Printing		3850		Cash



9	Contingency, Consumable and Office Expenses		2780		Cash
	9.1 Stationary Items	-	1400	2303	Cash
	9.2 Flower Bookey on Inaugural Session	10	380	517	Cash
	9.3 Flower Bookey on Valedictory Session	4	500	14	Cash
	9.4 Audit Charge		500		Cash
			1,13,543		

BALANCE SHEET

Sr. No.	Particular	Amount	Mode
1	Total Expenses	Rs. 1,13,543/-	Cash & Cheque
2	Income from Participants (Less)	Rs. 8400/-	Cash
3	Income from other Sources (Less)	Rs. 0/-	
4	Born by Vidyabharti Trust	Rs. 5143/-	
Total Amount to be reimbursed by GTU to Host Institute		Rs. 1,00,000/-	



Faculty development programme
sponsored by GTU approved by ISTE

UTILIZATION CERTIFICATE

(FINANCIAL YEAR 2018-19)

GTU INSTITUTE CODE : 049

INSTITUTE ISTE IM NO.: IM1691

Name of coordinator: Prof.Bhavesh Patel, Prof.Dhaval Jadhav

Dates of Programme: from 17-12-2018 to 22-12-2018

Title of the FDP : DEEP LEARNING USING PYTHON

Date and Ref. Number of Sanction Letter of ISTE-ND: December 3, 2018, ISTE/GTU-ISTE FDP/2018

Sr.No.	Letter No and Date	Amount	Certified that a Sanction is granted by ISTE ND vide Sanction Letter No <u>December 3, 2018, ISTE/GTU-ISTE FDP/2018</u> where in <u>Rs1,13,543</u> has been spent towards expenses during the Conduct of FDP. Total amount of Income collected is <u>Rs.8,400</u> and hence, the actual Amount of Financial Assistant including all applicable Taxes to be provided by GTU is <u>Rs. 1,00,000</u>
1(a)	Amount of Expenses incurred during the conduct of FDP	<u>1,13,543</u>	
(b)	Total Amount of Income collected as Registration Fees/Sponsorship/s etc.	<u>8,400</u>	
(c)	Actual Amount to be reimbursed from GTU including all applicable Taxes	<u>1,00,000</u>	

Certified that I have satisfied myself that the conditions on which the financial assistance was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned

- 1.OFFER LETTER FROM ISTE-GTU
- 2.PARTICIPANTS FEES FINANCIAL STATEMENT
- 3.FUND UTILIZATION SHEET

Prof.Bhavesh Patel
Coordinator

Prof.Dhaval Jadhav
Coordinator

Dr. Piyush Jain
Head of the Institute with



Signature (with seal) of the finance officer/

Auditor/ Accounts Officer/ Certified by CA with her/his Membership No. & Full Postal Address



SITARAMBHAI NARANJI PATEL
INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRACH

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DEEP LEARNING USING PYTHON
One Week Faculty Development Program (FDP)
From 17/12/2018 to 22/12/2018

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Food Bill(6 Days)	45100		
Boarding for Speakers (5 days)	7500		
Partshipen Kit	8750		
Honorarium to Course Coordinator (2 memebrs)	2000		
Honorarium to Ancillary Staff(5 Memebbers)	2000		
Pubication (Printing)	7250		
Contingency, Consumable & Office Exp.,	2280		
Audit Fees	500		
TOTAL	113543	TOTAL	113543

*I verify the above income & exp A/c
with supporting documents*



Name of the Assessee SHRX XXXARAMBHAI NARANJI PATEL INSTITUTE OF TECHNOLOGY
Complete Address UMRAKH
TAL - BARDOLI
SURAT GUJARAT 394345

TAN

S R T V 0 2 5 7 3 E

Major Head

0021 - NON-COMPANY DEDUCTEES

Minor Head

200 - TDS/TCS Payable by Taxpayer

Nature of Payment

94C - Payment of contractors and sub-contractors

Description of Tax	Amount in Rupees
Basic Tax	441.00
Surcharge	0.00
Education Cess	0.00
Penalty	0.00
Others	0.00
Interest	0.00
Fee Under Sec. 234 E	0.00
TOTAL	441.00

HDFC BANK LIMITED

Challan No 281
BSR Code 0510308
Date of Receipt 11/01/2019
Challan Serial No 02548
Assessment Year 2019-20
Bank Reference 02548
Drawn On HDFC Bank Netbanking

Rupees (In words)

INR FOUR HUNDRED FORTY ONE ONLY

CIN

051030811011902548

Debit Account No.

02091000016816

Payment Realization Date

11/01/2019 13:22:01

Name of the Event: ISTE- GTU Sponsored One Week Faculty Development Program titled "Deep Learning using Python"

Date/Duration of the Event: 17th December – 22nd December 2018.

Party Name: Shirishkumar Bhulabhai Patel	Amount (Rs.)	Remarks
Invoice Amount Bill No. 113: 44,100/-	43,659/-	
Less TDS (1% of Invoice Amount)	441/-	
Net Payable Amount	44,100/-	
Amount Paid by CASH/Cheque No.	Cheque No.: 1).001961 29440/- Rs 2).001997 14219/- Rs.	Date: 28/12/2018 10/01/2019

Signature of Coordinators

Prof. Bhavesh Patel / Prof. Dhaxal Jadhav

Coordinators

Date: 11/01/2019



Signature of Head of the Institute

Dr. Piyush S. Jain

Principal

Date: 11/01/2019



Taxpayer's Counterfoil

Name of the Assessee

SHRX XXXARAMBHAI NARANJI PATEL INSTITUTE OF TECHNOLOGY

Complete Address

UMRAKH

TAL - BARDOLI

SURAT GUJARAT 394345

TAN

S	R	T	V	0	2	5	7	3	E
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Major Head

0021 - NON-COMPANY DEDUCTEES

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Drawn On	HDFC Bank Netbanking

Rupees (In words)

INR FOUR HUNDRED FORTY ONE ONLY

CIN

051030811011902548

Debit Account No.

02091000016816

Payment Realization Date

11/01/2019 13:22:01

Important : Please see note overleaf before filling up the challan.

T.D.S. T.C.S. TAX CHALLAN

Single Copy (to sent to the ZAO)

चालान सं. / आई टी एन एस CHALLAN NO. / ITNS 281	उपयुक्त कर (एक पर निशान लगावें) / Tax Applicable (Tick One)* स्रोत पर काटा गया / संग्रहित कर / TAX DEDUCTED / COLLECTED AT SOURCE FROM (0020) कम्पनियों COMPANIES <input type="checkbox"/> (0021) गैर-कम्पनियों NON-COMPANIES <input checked="" type="checkbox"/>	निर्धारण वर्ष / Assessment Year 2011-20
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कर कटौती लेखा संख्या (टैन) / Tax Deduction Account No. (T.A.N.)

SRTV02573E

पूरा नाम / Full Name
S.N.Patel Inst. Of Tech. & Res. Centre, UMRAXH BE

पूरा पता, नगर और राज्य सहित / Complete Address with city & State

S. N. PATEL INSTITUTE OF TECHNOLOGY
 & RESEARCH CENTRE, UMRAXH
 VIDYABHARATI CAMPUS, T. D. B. BASEN 394601
 TAL. BARDOLI, DIST. SURAT, (GUJARAT) INDIA

Tele No.

Pin

भुगतान का प्रकार / Type of Payment (Tick One) कोड / Code* (Please see overleaf)
 भुगतान का विवरण / TDS/TCS Payable by Taxpayer (200)
 भुगतान का विवरण / TDS/TCS Regular Assessment (Raised by I.T.Deptt.) (400)

प्राप्तकर्ता बैंक में प्रयोग के लिये
 FOR USE IN RECEIVING BANK
 खाते से डेबीट / चेक के क्रेडिट की तारीख
 Debit to A/c / Cheque credited on

DETAILS OF PAYMENTS राशि (केवल रु. में) / Amount (In Rs. Only)

आयकर / Income Tax <input checked="" type="checkbox"/>	441
अधिमार्ग / Surcharge	
शिक्षण कर / Education Cess	
व्याज / Interest	
शारित / Penalty	
अन्य / Others	
जोड़ / Total	441

ता. / DD मा. / Mth वर्ष / YY

बैंक की मोहर के लिए स्थान
 SPACE FOR BANK SEAL

Rs.

जोड़ (शब्दों में) / Total (in words)

कोड़ / CRORES	लाख / LACS	हजार / THOUSANDS	सैकड़ / HUNDREDS	दहाई / TENS	इकाई / UNITS
			04	04	01

नकद / खाते से डेबीट / चेक सं.
 Paid in Cash / Debit to A/c Cheque No.

दिनांक / Dated

अदाकर्ता बैंक / Drawn on

(बैंक एवं शाखा का नाम) / (Name of the Bank and Branch)

द्वारा जमा किया /

दिनांक / Date 07/01/11

जमा करने वाले व्यक्ति के हस्ताक्षर
 Signature of person making payment

यहां से काटे / Tear off

करदाता का प्रतिपत्र / Taxpayers Counterfoil

(करदाता द्वारा भरा जाएगा)
 (To be filled up by tax payer)

कर कटौती लेखा सं. (टैन) / TAN

SRTV02573E

Received from

S.N.Patel Inst. Of Tech. & Res. Centre, UMRAXH

नाम / (Name)

स नकद / खाते से डेबीट / चेक सं.
 Cash / Debit to A/c Cheque No

रु. for Rs. 441 = 00

रु. (शब्दों में) Rs. (In words) **four hundred forty one only**

अदाकर्ता बैंक / Drawn on

94-C

(बैंक एवं शाखा का नाम) / (Name of the Bank and Branch)

द्वारा से स्रोत पर कट कटौती (टी.डी.एस.)

Companies

Non Companies

Deductees

on account of Tax Deducted at Source (TDS) / Tax collected at source (TCS) from 200 (Fill up Code)

(If the subtractive method is not applicable)

बैंक की मोहर के लिए स्थान
 SPACE FOR BANK SEAL



SITARAMBHAJ NARANJJI PATEL INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE, UMRKHH

A Vidyabharti Trust Institution

Vidyabharti Campus, At. Umrakh, Ta. Bardoli, Dist. Surat 394

Ph. 02622-224581, 220581 Fax. 02622-227481, 225458

email : admin@snpitrc.ac.in, vbtdegree_umrakh@yahoo.co.in


Visit us on : www.snpitrc.ac.in

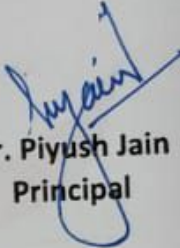
Deep Learning using Python

During 17-12-2018 to 22-12-2018

List of Resource Persons

Sr No	Name	Resource Person Type
1	Prof. Varsha Mali	External
2	Prof. (Dr.) Vijay Katkar	External
3	Prof. Devarshi Naik	Internal

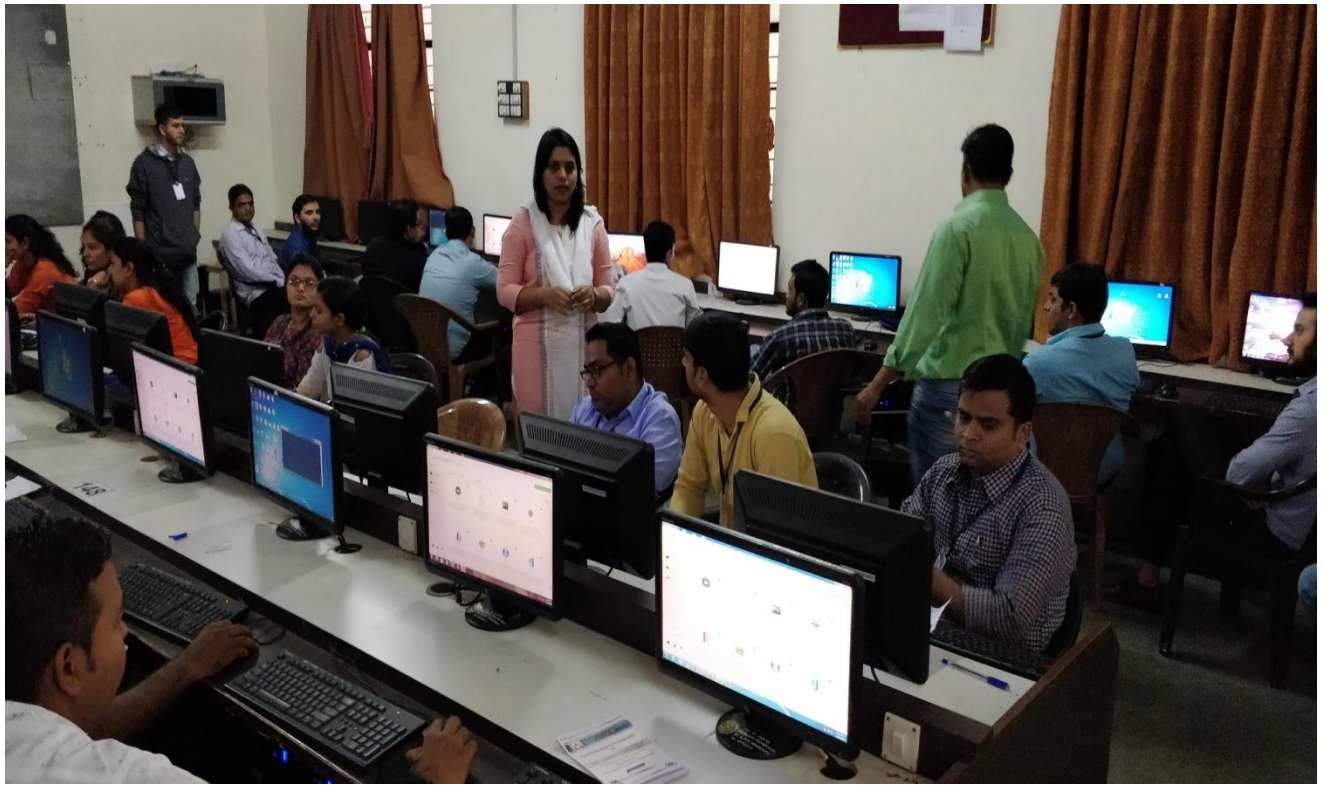

Pro. Bhavesh Patel Prof. Dhaval Jadhav
Coordinators


Dr. Piyush Jain
Principal















S N PATEL INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE

Faculty Development Program (FDP)

On

“DEEP LEARNING USING PYTHON”

Approved and Funded by



G.T.U, AHMEDABAD & I.S.T.E, NEW DELHI



(17-12-2018 to 22-12-2018)

REPORT

A six-day faculty development program on “**DEEP LEARNING USING PYTHON**” was held at S N PATEL Institute of Technology & Research Centre, from Dec 17th to 22nd, 2018. The FDP aims to provide opportunities to faculty members to enrich their teaching skill. The Programme also intends to develop the knowledge of participants with active and hands on learning in the field of Deep learning and Python. The FDP was attended by 28 participants from various GTU Affiliated colleges (listed on the last page). The event was coordinated by following faculties:

- Asst. Prof. Dhaval Jadhav, Department of Master in Computer Science
- Asst. Prof. Bhavesh Patel, Department of Computer Sci. & Engineering

INAUGURAL SESSION

The esteemed personalities present on the inauguration of the program:

1. Prof. Bhasker Bhatt, S.M.C. Member, ISTE Gujarat Section (**CHIEF GUEST**)
2. Shri Kiritbhai Patel, Secretary, Vidyabharti Trust
3. Shri Ashvinbhai Patel, Joint Secretary, Vidyabharti Trust
4. Dr. Ajay Shah, Campus Director, Vidyabharti Campus
5. Dr. Piyush Jain, Principal, SNPIT & RC



Formal inauguration of program

Dr.Piyush Jain, Principal, SNPIT &RC,welcomed all respected dignitaries and participants of FDP. He encouraged all participants to grab this opportunity and nurture their knowledge. He insisted on the skills and talents of the faculties required to make the teaching learning effective.

Prof. Dhaval Jadhav, Coordinator of FDP, spoke about the importance of the program. He highlighted objectives of the program and topics to be covered during FDP.

Chief Guest of ceremony, Prof. Bhasker Bhatt, S.M.C. Member, ISTE Gujarat Section emphasized the benefits of such kind of resourceful activity. He stressed out the current trends in technical education and need of adoptability with the changing global trends across the world. He explained the outcomes from mismatched technical education and industry demand with the help of various examples globally.

TECHNICAL SESSIONS:

All sessions throughout the FDP were interactive and hands on.

1st Day (17/12/2018)

Prof. Varsha Mali, Eminent Expert delivered an interactive session on “**Introduction to Python3**”. She narrated difference between Python 2 and Python3. Participants also learned the meaning, definition, syntax and delivering of python.



Prof. Varsha Mali: During the session

Prof. Varsha Mali further continued with applications of python along with examples. The session was very much interactive & informative. Participants were enlightened with the most widely used advance tools and technologies applicable in the active learning.

2nd Day (18/12/2018)

Prof. Varsha Mali continued the session on “Python Programming”. She delivered on Numpy library, Import data and its application. Various ways of effective interaction and thinking methodologies were taught with the help of practical examples among the participants. Various tasks were given to participants so that all the methodologies could be understood easily.

She also taught advance topic “**Introduction to Neural Network**”. In which contents like weights, bias, activation function were covered. She further explained “Multilayer Perceptron” and made participants understand this using practical examples. Finally she taught importance of Smart Teaching and self evaluation with Python3 and Neural Network.



Prof.VarshaMali during the session

3rd Day (19/12/2018)

Dr.Vijay Katkar, Eminent Expert took the charge for next three days. He delivered the session on “**Python with Deep learning**“. He explained tensor flow, basics of image processing. He also enlightens how an active learning could be useful while implementing these contents. He demonstrated the two projects those were carried successfully by him on Deep learning.



DrVijay Katkar: Presenting Sessions

4th Day (20/12/2018)

Dr.Vijay Katkar took session on how to convert an image into data form. He further explained various operations on images. He asked participants to complete practical tasks and implement image related operations. On this day he also taught how to apply images as input to Multilayer Perceptron. All participants were given exercise related to MLP for a sample dataset.

5th Day (21/12/2018)

Dr. Vijay Katkar continued session on Advanced Multilayer Perceptron Concepts. He covered “**Introduction to Convolutional Neural Network**“. He further narrated various operations related to convolutional neural network. Applications pertaining to this were demonstrated on this day. Lastly participants were given certain practical tasks to implement similar application.



6thDay(22/12/2018)

Shri Dilipbhai Patel, International Yoga Teacher was invited on this day to address participants and to deliver session on Art of Living. He made all participants do yoga and various related activities .He also narrated how to develop self confidence while working in professional environment. He motivated all participants to believe in their self, adopt positivity in life and starch limits to work beyond their belief. Participants were asked for the feedback and comments regarding the FDP they attended. Qualifying test was conducted on this day in which all participants were asked to answer questions in a stipulated time.



During Art of Living Session

VALEDICTORY SESSION:

The honorable personalities present on this occasion:

- Prof. Vijay Vaidya, Executive Secretary, ISTE New Delhi (**CHIEF GUEST**)
- Dr. Ajay Shah, Campus Director, Vidyabharti Campus
- Dr. Piyush Jain, Principal, SNPIT & RC



Executive Secretary, ISTE New Delhi at Valedictory

Prof. Dhaval Jadhav, Coordinator of FDP summarized the program. Dr. Piyush Jain, Principal, SNPIT & RC delivered words of wisdom and welcomed all dignitaries present at valedictory. He congratulated all participants for attending in this FDP.

Ceremony's Chief Guest, Prof. Vijay Vaidya, Executive Secretary, ISTE New Delhi appreciated the program and assured the every support possible to conduct such programs in future for the faculty development. According to him in appropriate contexts in education, it could add value in teaching and learning by enhancing the effectiveness of learning or by adding an innovative dimension to learning. He appreciated the topic of this FDP stating Python is a need of current world.

All qualifying participants received institute level certificate of participation from Chief guest and other dignitaries who were present during valedictory.

The program was ended with concluding remark from Prof. Dhaval Jadhav



Executive Secretary, ISTE New Delhi at Valedictory Session



Certificate Distribution during Valedictory

OUTCOME:

All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics on python and Deep learning match with the current working domain. Participants were enlightened with the most widely used advance technologies in this domain. This in turn will help in teaching & learning activity and student's success.

All participants gain through knowledge on Python as well as on Deep Learning concepts which eventually prompts various researches areas to be concurred .This FDP definitely encourages participants to grab research oriented goals .It also helps faculties to let students work on various real time challenges.

Participants:

- 1 Dhaval Rangrej
- 2 Soneria Hardik Champaklal
- 3 Drashti Shah
- 4 Saini Jatinderkumar Ramdas
- 5 Panchal Viralkumar H.
- 6 Devarshi B Naik
- 7 Sandip Tandel
- 8 Chauhan Darshankumar Rajendrabhai
- 9 Vishmay Vaidya
- 10 Rutal Shardbhai Mahajan
- 11 Kajal Isamaliya
- 12 Hiral Dillipbhai Padhiyar
- 13 Aarti Parekh
- 14 Vishalkumar Zaverbhai Dhimmar
- 15 MiralThakker
- 16 Vishalkumar U Shah
- 17 Pritee Parmar
- 18 Mistry Vipul Hasmukhbhai
- 19 Bombaywala Salman
- 20 Shaikhji Zaid M
- 21 Patel Mayank A
- 22 Patel Virang R
- 23 Payal Tandel
- 24 Denish A Prajapati
- 25 Chiragkumar B Patel
- 26 Dilip Patel
- 27 Achal Mistry
- 28 Janakkumar B Patel