

# Workshops/ Seminars conducted BY Computer engineering Department

## Action Plan for Campus Connect

Infosys Campus Connect

College/Institute Name:		Vishwakarma Institute of Technology, Pune				
Description of end state that the Institution proposes to achieve:		Improvement of Teaching-Learning process and increased Institute-Industry partnership.				
Top 3 Priorities for your college: e.g Faculty Improvement, Student Placement etc.						
1	Students placement					
2	Faculty development program.					
3	Students training and projects					
SPOC: Mrs A.S.Shingare						
Date: 3-Jul-15						
SI No	Initiative/ Description	Responsible person	Target Date	Status	Key Concerns	Closure Details
<b>1 GOVERNANCE</b> Please mention name of faculties identified for CC events. You may replace them as and when decided by your management						
1.1	Identification of Single Point of Contact (SPoC)	Head of the department		Completed		Mrs.A.S.Shingare has been appointed as SPOC
1.2	Action Plan Preparation and Submission	SPOC	30-May-15	Completed		
1.3	Core Team Formation (SS and Tech)	Head of the department	2-May-15	Completed		
1.4	Identification of Review Parameters and Mechanisms for Effectiveness	Head of the department		In Progress		Number of teachers trained by the faculty enablement program and sabbaticals received.
1.5	Portal Registration of Faculty and Students	Core Team		In Progress		
<b>2 FACULTY ENABLEMENT</b> Please mention details of your past participation(date,number of participants from your college etc) and future plans						
2.1	Identification faculties for participation in FEP workshops (for which ever subject is applicable)	Head of the department		In Progress		
2.2	Identification of pool of faculty for Course (FP/Electives) roll out	Head of the department		In Progress		
<b>3 PROGRAM MANAGEMENT</b> This is expected infrastructure and following is check for readiness						
3.1	Course (FP/Elective wise) Rollout plan	Head of the department		In Progress		
3.2	Road Show	SPOC	Feb-15			
3.3	Spark/Industrial Visits	Head of the department				
3.4	Events - Seminars / Webinars	SPOC				1) Webinars as per Campus Connect plan 2) Seminars as and when planned by CampusConnect and College anchors
3.5	Faculty Sabbatical, Inspire Contest, Aspirations2020	Head of the department				2 faculties did sabbatical long back. This year students have participated in Aspirations2020.
<b>4 INFRASTRUCTURE</b> This is expected infrastructure and following is check for readiness						
4.1	Classroom Set up for Roll out - Overhead Projector, Online Assessment Software Installation (e.g. moodle).	Core Team		Completed		
4.2	Webinar Setup - Internet Connection, Speaker Phone with Amplifier, Overhead Projector	Core Team		Completed		Webinar Setup is present

**NOTE** Please fill the data whichever is applicable. Please contact DC Anchor if you need any clarification. Please see the cell comments and other comments in red for help. You may leave the grey squares

Infosys Program 14 Dec to 26 Dec 2015



shital jagtap <svjagtap@gmail.com>

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**Fwd: PO#111560410 - Bract's Vishwakarma Institute of Technology Purchase Requisition 115600432 Training on Intuitive Data Analytics**

1 message

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manasi patwardhan <manasi.patwardhan@vit.edu>  
To: "shital.jagtap@vit.edu" <shital.jagtap@vit.edu>

Wed, Jun 22, 2016 at 2:49 AM

----- Forwarded message -----

From: manasi patwardhan <manasi.patwardhan@vit.edu>

Date: Thu, Jan 28, 2016 at 1:47 PM

Subject: Fwd: PO#111560410 - Bract's Vishwakarma Institute of Technology Purchase Requisition 115600432 Training on Intuitive Data Analytics

To: accounts vit <accounts@vit.edu>

Dear Mane Madam,

I and Prof. Vishal Kaushal have been involved in conducting a technical training at Zensar Technologies from 18th Jan 2016. It is going to end tomorrow. We are charging them for this. Towards this they have sent a PO (purchase order to us) with all details. Can you kindly generate an invoice accordingly so that Zensar can make a payment. We need to do this asap (today itself) so that we can give the invoice to them tomorrow.

Pls call me for any clarifications.

Thanks and regards,  
MSP.

----- Forwarded -----

**Zensar Proof**



1 week STTP on "Internet of things"

**Balance sheet**

Details	Amount in RS.	Advance
<b>Total Income (Fee Collection) (Actual)</b>	2600*45 = 117000/ 3200*4 = 12800/ Rs. 129800	
<b>Expected Expenses- per batch</b>		
• Keynote Speaker	Rs. 4500	Rs. 4500
• Experts from Industry	Rs. 54300	Rs. 12000
• Printing	Rs. 450	Rs. 450
• Stationery -Challans, etc	Rs. 920/(Balaji Enterprises) Rs. 594/(Sarvottam Stationery Supplier)	
• Tea & Snacks	Rs. 2240(Vit canteen) Rs. 776(Shinde) 766	
• Miscellaneous (Bouquet), (Diary) (Juice)	Rs.200 Rs.220 Rs.60	Rs. 200 Rs. 220 Rs. 60
<b>Total Expenses per batch in Rs. =</b>	<b>Rs. 64710</b>	
<b>Surplus Money</b> Surplus Money per batch= (Income per batch - expenses per batch)	<b>Rs. 65090</b>	

Proposed Surplus Money Distribution			Amount in Rs.	Share
Name of recipient	Payment mode			
1. Vishwakarma Institute of Technology			33196	51%
2. Dr. R.M. Jalnekar (Director)	To salary account		5208	8%
3. Dr. V.S. Deshpande (HoD) (ECode: 1242)	To salary account		651	2%
4. Dr. S.S.Bhatlawande (HoD) (ECode: 633)	To salary account		651	
4. Accounts Section	To salary account		5207	8%
5. Coordinator Sangeeta Kumari(ECode:1106)	To salary account		10089	31%
6. Coordinator Jyoti Madake(ECode:1150)	To salary account		10089	

*Handwritten signature and date: 11/02/17*

**Internet of Things using Raspberry Pi**



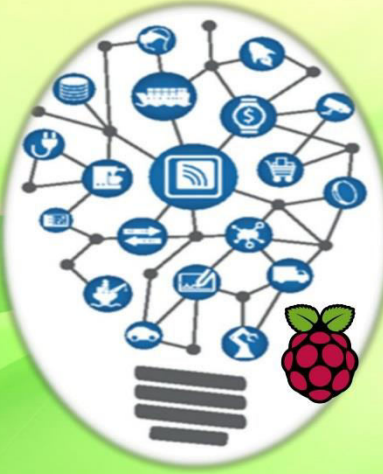
Bansilal Ramnath Agarwal Charitable Trust's  
**VISHWAKARMA INSTITUTE OF TECHNOLOGY**  
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

**Department of Computer Engineering and  
Department of Electronics Engineering & Telecommunication Engineering**  
Under Center of Excellence in Internet of Things  
Organizes One week STTP on

## Internet of Things using Raspberry Pi

### Salient Features of the Course

- Introduction to IoT and Raspberry Pi
- OS installation & Python Programming Fundamentals
- I-O interfacing, LED, Buzzer, DC Motor, switch, IR sensor
- Ultrasonic sensor, Controlling Robot
- Controlling Electronic devices using Internet (Installing Apache, PHP, Wiring Pi)
- Creating Text to speech using Python
- Designing applications on weather updates
- Talking to your Android Phone with Raspberry Pi
- API and web services, Designing SMS API, WhatsApp API
- Introduction to OpenCV, Core functionalities & Libraries
- Camera interfacing its applications
- Image processing Techniques, Image Arithmetic, Masking, Resizing, Merging
- Thresholding, Edge detection, Morphological operations Erosion & Dilation
- Digital ART, Color Tracking and Drawing
- Face Detection and Recognition, Object Detection
- Artificial intelligence, Watermarking to Images (Logo & Text)
- Feature Detection and matching (ORBRIEF Algorithm)
- Implementations on REAL-TIME SECURITY APPLICATION



**16th to 20th  
Jan 2017**

### Target Participants:

UG/PG students, Research Scholars,  
Faculty members and Industry Personnel

Course details are available on institute  
website : [www.vit.edu](http://www.vit.edu)

### For registration / queries please contact:

**Prof. Sangeeta Kumari**    **Prof. Jyoti R. Madake**  
[Sangeeta.kumari@vit.edu](mailto:Sangeeta.kumari@vit.edu)    [Jyoti.madake@vit.edu](mailto:Jyoti.madake@vit.edu)  
**Mob: 8793005560**            **Mob: 8308915400**

### Conveners

### Registration Charges:

Faculty Members : Rs. 3200/-

Research Scholars, Students : Rs. 2600/-

Payment through Cash/DD/Cheque, in favor of,  
Vishwakarma Institute of Technology, Pune

**Prof. (Dr.) Vivek Deshpande**

Head, Department of Computer Engineering  
VIT, Pune

**Prof. (Dr.) Shripad Bhatlawande**

Head, Department of Electronics & Telecommunication  
Engineering, VIT, Pune

## Internet of Things using Raspberry Pi



STTP on implementation of IOT and Image processing using Raspberry PI

STTP on "Implementation of IoT and Image Processing using Raspberry Pi"

**Balance sheet**

Details	Amount in RS.		
<b>Total Income (Fee Collection) (Actual)</b>	<b>102400</b>		
<b>Expected Expenses- per batch</b>			
• Experts from Industry-	34200	Cheque	
• Stationery – Brochures, Poster, Notebook & Pen	4262	Cheque	
• Sinhadgad fruit stall( lunch for resource person and breakfast Tea for participants)	7180	Cheque	
Total Expenses in Rs. =	<b>45642</b>		
<b>Surplus Money</b>			
Surplus Money per batch= (Income – expenses)	<b>56758</b>		
<b>Proposed Surplus Money Distribution</b>			
Name of recipient	Payment mode	Amount in Rs.	Share
1. Vishwakarma Institute of Technology		28947	51%
2. Dr. R.M. Jalnekar (Director)	To salary account	4541	8%
3. Dr. S.S.Bhatlawande (HoD) (ECode: 633)	To salary account	568	2%
4. Dr. M.S.Patwardhan(HoD) (ECode: 985)	To salary account	568	
4. Accounts Section	To salary account	4540	8%
5. Coordinator Jyoti Madake(ECode:1150 )	To salary account	8797	31%
6. Coordinator Sangeeta Kumari(ECode:1106 )	To salary account	8797	

STTP on implementation of IOT and Image processing using Raspberry PI



Bansilal Ramnath Agarwal Charitable Trust's  
**VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE.**  
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)  
666, Upper Indiranagar, Bibwewadi, Pune - 411 037.

Vishwakarma Learning Labs

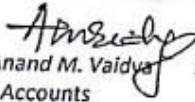
VI/VLL/2017-18/37-98

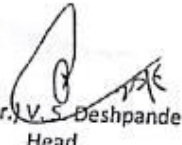
Date: 22/08/2017


Contribution of faculty under Vishwakarma Learning Labs as a Course Coordinator


Name of Faculty :	Sangeeta Kumari
Course Name :	Android App Development
Course Duration :	40 hours (06-07-2017 to 19-07-2017)
No. of Students Registered :	15
Fees per student Rs.	2800/-
Total Fees collected Rs.	42000/-
Total Expenses Rs.	8000/-
Total Surplus Rs.	34000/-
Institute share in surplus amount Rs.	23800/-

This letter is issued as per request from Prof. Sangeeta Kumari, Computer Engineering Department, as a proof for Internal Revenue Generation .

  
Mr. Anand M. Vaidya  
Accounts  
Officer

  
Prof. (Dr.) V. S. Deshpande  
Head  
Computer Department

  
Prof. Pramod Kanjalkar  
Head  
Vishwakarma Learning Labs

  
Prof. (Dr.) Rajesh Jalnekar  
Director,  
Vishwakarma Institute of Technology

**Android App Development By VLL**



<p align="center"><b>2 Days Workshop on "Practical Approach to Wireless Network"</b></p> <p align="center">1st to 2nd June 2017 Registration Form</p> <p>Name:..... Institution:..... Department:..... Year: .....</p> <p>Address:..... ..... .....</p> <p>Mobile:..... E-mail ID:..... Amount:..... DD No..... Date:.....</p> <p>Signature of Participant                      Signature &amp; seal Principal/ HOD</p>	<p align="center"><b>Chief Patrons</b></p> <p><b>Shri Rajkumarji Agrawal</b> Chairman, BRAC, Pune</p> <p><b>Shri Bajrangdas Lohiya</b> Vice Chairman, VI, Pune</p> <p><b>Shri Bharat Agrawal</b> Managing Trustee, BRAC, Pune</p> <p><b>Prof. (Dr.) Rajesh Jalnekar</b> Director, VIT, Pune</p>	 <p align="center">Bansilal Ramnath Agarwal Charitable Trust's <b>Vishwakarma Institute of Technology</b></p>
<p align="center"><b>Registration Details</b></p> <ul style="list-style-type: none"> <li>◆ Registration charges per participant (Inclusive of service tax): Rs. 1000/- Registration charges include course fees, certificate of participation, tea/snacks, working Lunch and course material.</li> <li>◆ Registration charges will be accepted in the form of cash/cheque/DD in favor of "Vishwakarma Institute of Technology" payable at Pune.</li> <li>◆ Also softcopy of registration form and scanned copy of DD/cheque should be emailed to Sangeeta.kumari@vit.edu or nandkishor.valakunde@vit.edu</li> <li>◆ <b>Registration is first come first serve basis.</b></li> </ul>	<p align="center"><b>Conveners</b></p> <p><b>Prof. (Dr) Vivek Deshpande</b> Head, Department of Computer Engineering VIT, Pune</p>	<p align="center"><b>2 Days Workshop ON "Practical Approach to Wireless Network" (1<sup>st</sup> to 2<sup>nd</sup> June 2017)</b></p>
	<p align="center"><b>Workshop Coordinators</b></p> <p><b>Prof. Sangeeta Kumari</b> Sangeeta.kumari@vit.edu <b>Mob:+918793005560</b></p> <p><b>Prof. Nandkishor D. Valakunde</b> nandkishor.valakunde@vit.edu <b>Mob: +919423311707</b></p>	 <p align="center"><b>Organized By Department of Computer Engineering</b></p> <p align="center"><b>In Association with</b></p> <p align="center"><b>NetSim™</b> Simulation Platform for Network R &amp; D</p>

**Two Days workshop on Practical approach to wireless network.**

<p align="center"><b>About The Institute</b></p>	<p align="center"><b>About the workshop</b></p>	<p align="center"><b>Day 2:</b></p>		
<p>Vishwakarma Institute of Technology, Pune, a highly commendable private institute, occupies a place of pride amongst the premier technical institutes of the western region of India. Established in 1983, financed and run by Bansilal Ramnath Agrawal Charitable Trust, it is affiliated to Savitribai Phule Pune University. The institute runs 9 Under Graduate, 8 Post Graduate &amp; 6 Ph.D. programs which are affiliated to the university. The institution has been awarded ISO 9001-2008 certification by BSI, India &amp; granted autonomous status since academic year 2008-2009. The institute has marched towards the pinnacle of glory through its remarkable achievement &amp; laurels in the field of engineering education.</p>	<p>The objective of this Training is to train users on Computer Networks and discover how NetSim enables to perform simulation tasks such as network modeling, traffic modeling and analysis of performance the specified networks. This demonstration will use the latest release NetSim v10. MANET</p>	<p><b>Wireless Sensor Network and Internet of Things</b></p> <ul style="list-style-type: none"> <li>• Introduction to 802.15.4 based Wireless Sensor Networks (WSN)</li> <li>• Implementing LEACH in WSN</li> <li>• Simulation and Analysis of IOT networks</li> <li>• Introduction to RPL protocol</li> </ul>		
<p align="center"><b>Speakers and Resource Persons</b></p>	<p align="center"><b>Day 1:</b></p>	<p><b>Implementation of Wireless Sensor Network in NetSim</b></p> <ul style="list-style-type: none"> <li>• Implementing Dynamic Clustering in WSN using MATLAB</li> <li>• Power Model and Energy Harvesting</li> </ul>		
<p><b>1. Mr. Thomas Santhosab</b> Senior Application Engineer at TETCOS ,has several years of experience in computer networks &amp; software development.</p> <p><b>2.Mr. Raghavendra Singh Chowhan</b> Application Engineer at TETCOS, Bangalore. His area of expertise is Wireless Sensor Network and Mobile Communication Networks.</p>	<p><b>MANET</b></p> <ul style="list-style-type: none"> <li>• Working of MANET Protocols</li> <li>• Understanding Trace files and graphing through Dynamic Metrics</li> <li>• Writing your own code in NetSim</li> <li>• Sample Projects- Sinkhole Attack</li> </ul> <p><b>LTE, LTE-Advanced, Femtocell and D2D</b></p> <ul style="list-style-type: none"> <li>• Using NetSim to simulate and analyze LTE and LTE-Advanced Scenario</li> <li>• Understand Data Rate calculation and analyze</li> <li>• Simulation of Femtocell network in Net-Sim</li> <li>• Simulation of LTE D2D network</li> </ul>	<p align="center"><b>Target Audience</b></p> <p>Ph.D. Scholars, Research Scholars, PG students aspiring to pursue education or career in IoT and Wireless Networks. <b>Faculty members and Industry Personnel</b></p>		
		<p align="center"><b>For Registration contact:</b></p> <table border="0"> <tr> <td>Prof. Sangeeta Kumari Assistant Professor, Department of Computer Engineering Sangeeta.kumari@vit.edu Mob: +918793005560</td> <td>Prof. Nandakishor Valakunde Assistant Professor, Department of Computer Engineering nandkishor.valakunde@vit.edu Mob: +919423311707</td> </tr> </table>	Prof. Sangeeta Kumari Assistant Professor, Department of Computer Engineering Sangeeta.kumari@vit.edu Mob: +918793005560	Prof. Nandakishor Valakunde Assistant Professor, Department of Computer Engineering nandkishor.valakunde@vit.edu Mob: +919423311707
Prof. Sangeeta Kumari Assistant Professor, Department of Computer Engineering Sangeeta.kumari@vit.edu Mob: +918793005560	Prof. Nandakishor Valakunde Assistant Professor, Department of Computer Engineering nandkishor.valakunde@vit.edu Mob: +919423311707			

**Two Days workshop on Practical approach to wireless network.**

Two days workshop on "Practical approach to Wireless Networks"

**Balance sheet**

Details	Amount in RS.	
<b>Total Income (Fee Collection) (Actual)</b>	1150*15 = 17250/	
<b>Expected Expenses- per batch</b>		
• Experts from Industry	Rs. NIL	Advance Rs. NIL
• Printing (Certificate)	Rs. 300	Rs. 300
• Stationery –Challans, etc	Rs. 985	Rs. 985
Total Expenses per batch in Rs. =	Rs.1285	
<b>Surplus Money</b> Surplus Money per batch= (Income per batch – expenses per batch)	Rs. = 15965/-	

<b>Proposed Surplus Money Distribution</b>			
Name of recipient	Payment mode	Amount in Rs.	Share
1. Vishwakarma Institute of Technology		11175	70%
5. Coordinator Sangeeta Kumari(ECode:1106 )	To salary account	2395	30%
6. Coordinator Nandakishor Valakunde (ECode:1149 )	To salary account	2395	

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**Two Days workshop on Practical approach to wireless network.**