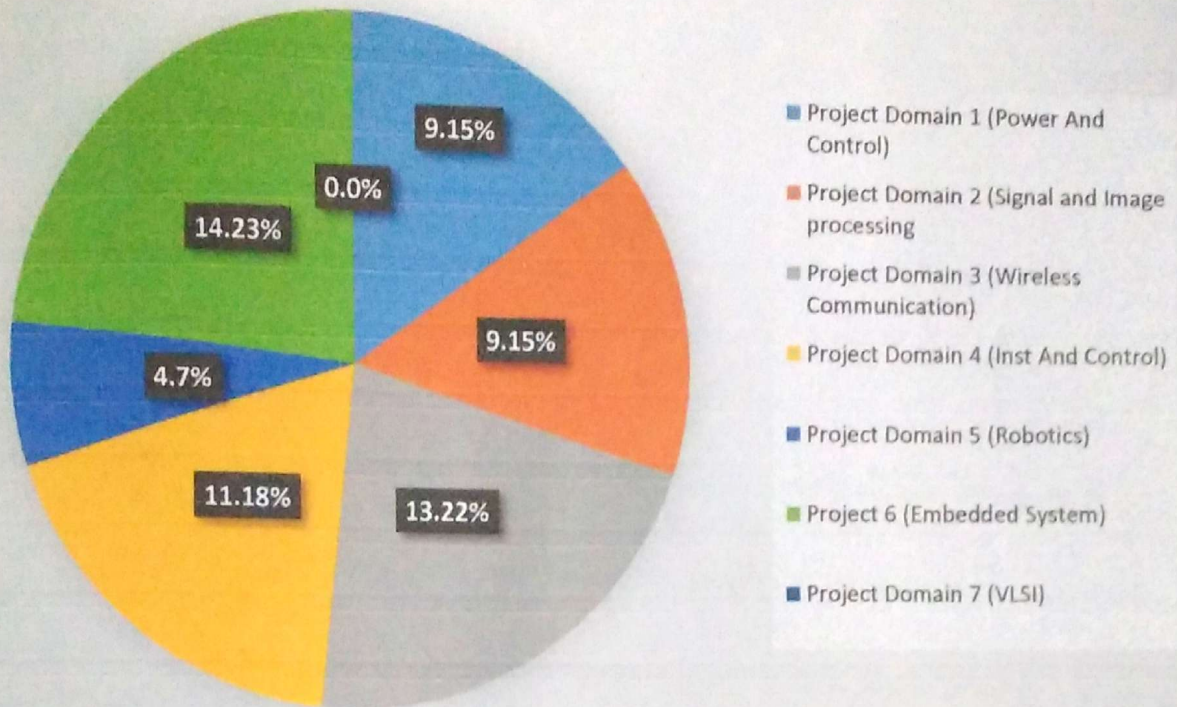


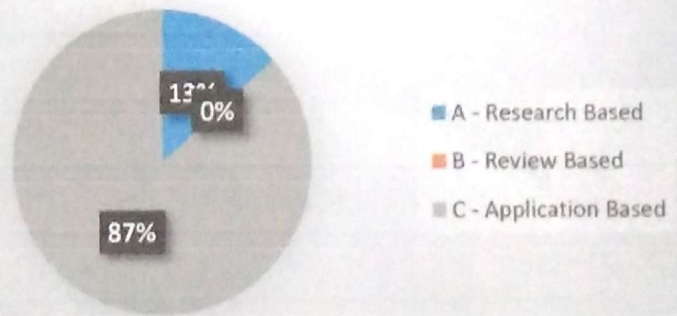
DOMAINWISE PROJECTS



Category of Projects

A - Research Based	B - Review Based	C - Application Based
2	0	13

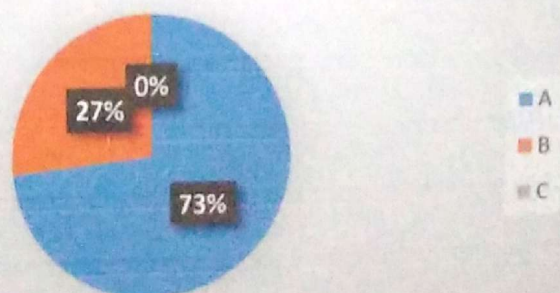
Category of Projects



Category of Project Based on Grading

A	B	C
11	4	0

Category of Projects Based on Grading



NoticeDate: 11th May 2016

Subject: Final Year Projects 2016-2017

Dear All

All Students are hereby informed to form Final Year Project groups and submit the same to department on or before 20th May 2016 by 3.00pm. No of students in the group must be restricted to 3 or 4 only.

Groups will be made by the department in case a student fails to form a group and submit the project idea by the above mentioned deadline.

You are required to make a note of this and comply within the stipulated time frame for smooth conduct.

The project Ideas must be based on the following themes:

- Defence Applications
- Health Care
- Eco friendly systems

Apart from the above themes the department also encourages

- Research based projects
- Industry Projects

All Students are required to submit **three project ideas** and their **abstract** in the given format which is uploaded on V-live, on or before 17th June 2016 by 3.00pm.

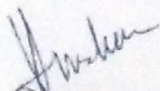
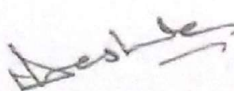
The finalization of project titles and allocation of project guides will be done by the FYPQA (Final Year Project Quality Assurance) committee of the department.

The timetable for the project reviews shall be conveyed to you later through V-live.

For any queries you may contact the following faculty members

- Prof. Nayana Mahajan (DIV 1)
- Dr. Saurav Mitra (DIV 2)
- Prof. Akhil Masurkar (DIV 3)

All concerned to note


Project Co-ordinator
Dr. Varsha Turkar
Head of Department
Dr. Anjali Deshpande

Name of Faculty	Power Electronics and Control	Signal and Image processing	Wireless Communication	Instrumentation and Control	Robotics	Embedded Systems	VLSI
Dr. Saurav Mitra	√	√		√			
Prof. Poonam Shah				√			
Prof. Prachi Mujawar			√				
Prof. Sunil Kavatkar		√	√			√	√
Prof. Varsha Turkar		√			√		
Prof. Siddhi Ekhare				√			
Prof. Rajshree Soman			√	√			√
Prof. Balkrishna Prabhu	√	√		√		√	
Prof. Akhil Masurkar		√	√			√	√
Prof. Amaya Pethe	√		√	√			√
Prof. Pranita Padhye			√				
Prof. Shrikant Velankar					√	√	
Prof. Rakshak Sood			√				
Prof. Shraddha Panhade		√				√	
Prof. Javed Patel	√		√				
Dr. Anjali Deshpande	√	√		√			
Prof. Uma Jaishankar	√			√			
Mr. Pravin Annadate	√	√		√			
Prof. Sheetal Pail		√					
Prof. Manoj Suryawanshi						√	
Prof. Girish Gidaye		√	√			√	√
Prof. Nayana Mahajan	√			√	√		
Prof. Anuradha Joshi							√
Dr. Sangeeta Joshi				√			√
Prof. Geetha Narayanan	√				√	√	√

** Apart from the above areas various faculties have worked in multidisciplinary domains**

You may contact them for further deliberation about your proposed ideas

From: Varsha Turkar
Sent: 16 March 2017 17:44
To: ETRX-D2-Faculty
Subject: Fwd: Tantra Vihar 2017 Pre-Qualifier FYPQA Visit Schedule

Follow Up Flag: Follow up
Flag Status: Flagged

[Get Outlook for Android](#)

From: Saurav Mitra
Sent: Thursday, March 16, 2017 11:50:26 AM
To: Varsha Turkar; Satendra Mane; Harish Ojha; Pankaj Vanwari; Mandar Sohani; Deepali Nayak
Cc: VIT HODs
Subject: Tantra Vihar 2017 Pre-Qualifier FYPQA Visit Schedule

Dear Sir / Madam (final year departmental project coordinators),

Tantra-Vihar-2017 will be held on 10th April 2017, Monday. All the best departmental projects and outside projects (total 60 projects) will be displayed and evaluated in this – 1 day event .

INFT, CMPN, ETRX, EXTC departmental final year project coordinators are to submit a list of 12 best departmental projects by tomorrow (Friday - 17/3/2017) day end. BIOM department to submit list of 6 best projects from their department. Email that list to Pankaj sir, Velankar sir and myself. 'Project completion status' to be given highest priority and 'project quality' is the 2nd criteria while selecting these 12 projects from your department for display in Tantra-Vihar 2017.

FYPQA will visit departments at 4 pm from Wed. 22/03/2017 onward as per schedule given below to check quality and completion status of all these 12 projects and suggest improvements wherever possible. All projects should be displayed in one or at max two labs.

DEPARTMENTAL VISIT DATES

22/03/2017 -- INFT
23/03/2017 -- CMPN
24/03/2017 -- BIOM

17/3 → Dept to submit List

29/3 → Department visit by FYPQA committee

4/41 → Finalisation by FYPQA.

1 10/4/2017 → TANTRAVIHAR 2017

7/03/2017 -- EXTC

29/03/2017 - ETRX

Project guides must be present during the FYPQA visit on the dates mentioned above. They have to prepare their groups for final screening on 4/4/2017 and Tantravihar on 10/4/2017.

for any query, please write to me or call.

Regards,

Dr. Saurav Mitra
Chief Academic Officer (CAO),
Associate Professor Electronics Engineering,
VIT, Wadala, Mumbai
Phone +91-22241-61126
Mobile +91-97691-87407

Pre reviews to be conducted for

ETRX	DIU	1	-	27/3/2017	} With Guide
ETRX	DIU	2	-	22/3/2017	
ETRX	DIU	3	-	<u>24/3/2017</u>	

Sr No.	Group Number	Project Topic	Name of Guide
DIV I			
1	E 1-1	Face Recognition Using IOT	Prof. Nayana Mahajan
2	E 1-2	PSoC BLE based attendance system	Prof. Sangeeta Joshi
3	E 1-6	Accuracy improvement and feature addition in the network analysis module of the BHUGOL GIS.	Dr. Varsha Turkar
4	E 1-9	Smart Parking System	Prof. Pranita Padhye
5	E 1-10	Real Time Tracking and Health Monitoring system	Prof. Geetha Narayanan
6	E 1-14	Self- intelligent autonomous electric vehicle	Prof. Shrikant Velankar
7	E 1-15	Optimal Path Finding Algorithm for Robotic System using Image Processing	Dr. Varsha Turkar
8	E 1-20	Area -mapping surveillance robot	Prof. Prachi Mujawar
9	E-1-18	Coin Based Power Outlet	Prof. Akhil Masurkar
DIV II			
10	E 2-15	Smart Agriculture Using IOT	Prof. Ulka Padvalakar
11	<u>E 2-15</u>	Find Parking	Prof. Manoj Suryvanshi
12	E 2-12	Optimal Path Finder Robot	Dr. Saurav Mitra
13	E 2-17	IOT Based Critical Event Monitoring System-Forest Fire	Prof. Veena Gawde
14	E 2-7	Desktop Modular CNC Machine	Prof. P.B. Annadate
15	E 2-11	Conversation Of 3D Virtual	Prof. Shrikant Velankar
16	E 2-9	Detection For Fire Extinguishing by UAV	Prof. P.B. Annadate
DIV III			
17	E-3-1	Garbage Monitoring System	Prof. Akhil Masurkar
18	E-3-2	GIS Based Parking Assistance	Dr. Varsha Turkar
19	E-3-4	IOT Based Energy Meter	Prof. Amaya Pethe
20	E-3-9	Gadget for Women safety	Prof. Rajashree Soman
21	E-3-12	Black Box for Car	Prof. Anuradha Joshi
22	E-3-13	Smart water distribution system using IOT	Prof. Rakshak P Sood

*Project Groups are Selected Based on Project Reviews conducted

E-1-19 - Anjali Deshpande

E-1220 -

Project Group Selection for TANTRA VIHAR 2017

Sr No.	Group Number	Project Topic	Name Of Guide
1.	E-3-1	Garbage Monitoring System	Prof. Akhil Masurkar
2.	E-3-2	GIS Based Parking Assistance	Dr. Varsha Turkar
3.	E-3-4	iOT Based Energy Meter	Prof. Amaya Pethe
4.	E-3-9	Gadget for Women safety	Prof. Rajashree Soman
5.	E-3-12	Black Box for Car	Prof. Anuradha joshi
6.	E-3-13	Smart water distribution system using IOT	Prof. Rakshak P Sood

* Project group selection is based on the reviews conducted in the current semester.

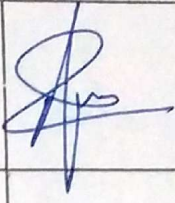

Electronics Engineering Department (10 groups through)

Sr. No.	Group-ID	Title of the Project	Project Guide	Final Selection
1	E-1-2	PSoC BLE based Attendance system	Dr. S. Joshi	Yes
2	E-1-15	Path finding Robot Using Image Processing	Dr. Turkar	Waiting List
3	E-1-14	Self-intelligent autonomous electric vehicle	Prof. Velankar	Yes
4	E-1-18	Solar/Self – Operated Based Power Outlet	Prof. Akhil M.	Yes
5	E-1-19	Visual Quality Check Of Sorting	Dr. Anjali D.	Yes
6	E-1-20	Area mapping surveillance robot	Prof. Prachi	Yes
7	E-2-9	Forest fire detection and extinguishing using UAV	Prof. Annadate	Yes
8	E-2-12	Optimal path finder robot	Dr. S. Mitra	Yes
9	E-2-15	Smart agriculture using IoT	Prof. Ulka P.	Yes
10	E-3-1	Garbage Monitoring System	Prof. Akhil M.	Yes
11	E-3-11	Power Control and Monitoring	Prof. Nayana M.	Yes
12	E-3-13	Smart Water Distribution System Using IoT	Prof. Shrikant V.	No

Department of Electronics Engineering
Final Review of Shortlisted Projects - TANTRAVIHAR 2017

Group no	Name/Roll numbers of the students	Signature	Title of the project	Name of the Project guide	Sign Of Project Guide	Division
E - 1 - 2	Chirag Chaudhari		PSoC BLE based Attendance system ✓	Dr. Sangeeta Joshi	ABSENT	A
	Chandraman Patil					
	Pravin Patkare					
	Pranav Sawalapurkar					
E - 1 - 9	Shubham Beldar	ABSENT	Smart Parking System ✗	Prof. Pranita Padhye	ABSENT	A
	Rohini Patil	ABSENT				
	Sonali Pawar	ABSENT				
	Jatin Dhande	ABSENT				
E - 1 - 15	Advait Ambeskar		Path finding Robot using Image Processing ✓	Dr. Varsha Turkar		A
	Anup Bondre					
	Hetai Gosavi					
E - 1 - 14	Kunal khade		Self-intelligent autonomous electric vehicle ✓	Prof. Shrikant Velankar		A
	Harshal Patil					
	Vinod Gadge					
	Susmita Ahire					
E - 1 - 18	Prathamesh Satardekar		Solar/Self - Operated Based Power Outlet ✓	Prof. Akhil Masurkar		A
	Pranil Raut					
E - 1 - 19	Aashay Sathe		Visual Quality Check Of Sorting ✓	Dr. Anjali Deshpande		A
	Omakant Sharma					
	Abhishek Patkar					
	Mihir Sawant					
E - 1 - 20	Ashish Shekar		Area -mapping surveillance robot ✓	Prof. Prachi Mujawar	ABSENT	A
	Dattaram Gawde					
	Ritesh Parulekar					
	Anand Mishra	ABSENT				
E - 2 - 9	Abhishek Mayekar		Forest fire detection and extinguishing using UAV ✓	Prof. Pravin Annadate	ABSENT	B
	Prathamesh Patkar					
	Ekta Rathod					
	Tejal Gode					
E - 2 - 12	Mohd. Salman		Optimal path finder robot using artificial intelligence (ANN) ✓	Dr.Saurav Mitra		B
	Aniket Surve					
	Yash Lokhande	ABSENT				
	Mihir Wadekar					

Department of Electronics Engineering
Final Review of Shortlisted Projects - TANTRA VIHAR 2017

E-2-15	Yash Shah	Y.H. Shah	Smart agriculture using IoT ✓	Prof. Ulka Padwalkar	ABSENT	B
	Yash Chawla	Chawla				
	Karpaswamy S	ABSENT				
	Satish Kannan	ABSENT				
E-3-1	RUCHA AWADHANI	Rucha	Garbage Monitoring System ✓	Prof. Akhil Masurkar		C
	KIRTI SARDESAI	Kirti				
	FELSITA MEKAPOGU	Felsita				
E-3-11	AKSHAY SONAWANE	Akshay	Power Control and Monitoring ✓	Prof. Nayana Mahajan	ABSENT	C
	PRATIK KHANORE	Pratik				
	SHIVAM CHAUBE	Shivam				
	SAURABH GHARAT	Saurabh				
E-3-13	VIREN LAKUM	Viren	Smart Water Distribution System Using IoT ✗	Prof. Shrikant Velankar		C
	AMEY PATIL	Amey				
	VAIBAV GAIKAR	Vaibav				
	SHREYASH PAWAR	Shreyash				



Stall No.	Project ID - for VIT	Project Title	Group Members	Project Guide	College
1A	E1-14	Autonomous Electric Vehicle V-Cart	Kunal Khade Vinod Gadge Harshal Patil Susmita Ahirrao	Prof. Shrikant Velankar	VIT
1B	E1-19	Automated Visual Quality Inspection And Sorting	Aashay Sathe Omakant Sharma Abhishek Patkar Mihir Sawant	Dr. Anjali Deshpande	VIT
2A	E1-2	Smart Attendance Management System Using Bluetooth Low Energy	Chirag Chaudhari Chandraman Patil Pravin Patkare Pranav Sawalapurkar	Dr. Sangeeta Joshi	VIT
2B	ETRX1	Labview Based Real Time Bio Telemetry System For Health Care	Vivek Sakinala Jay Raval Nitin Jadhav	Dr. Deepak C Karia	SPIT
3A	ET103	Medicheck	Shashank V Aditi Suryakant Bairolu Divyata Angad Kamble Akash Arvind Singh	Prof. Rama Rao	VIT
3B	ET218	Sparsh	Swetha Jampana Akshada Langi Shilpi Karn Kiran Jadhav	Prof. Rama Rao	VIT
4A	ET201	English To Braille Converter	Aman Tiwari Ayush Verma Himanshu Pokharkar Abhishek Jangra	Prof. Satendra Mane	VIT
4B	EXTC1	Electronic Coconut Plucker	Dhawal Bhanushali Mayur Bhawsar Mangesh Choudhari Viraj Kapadia	Dr. Vaishali Wadha	KJSIEIT
5A	ET219	Braille Phone	Shrey Chhadva Jinay Chhadva Kiran Jadhav Swapnal Shedge	Prof. Deepti Panjabi	VIT
5B	EXTC2	Eeg Based Control System	Preeti Patil Vaibhav Pandey Dhanashree Patil Gaurav Yeola	Prof. Aparna Thube	YTIET
6A	ET105	Low Power Energy Efficient Automation System based on Knocking Pattern	Apurva Sharad Mhatre Sanket Mukund Sonar Sanjana Sampat Pisal	Prof. Amit Maurya	VIT
6B	EXTC3	Personal Healthcare System	Shrijeeb Ghosh Nikita Natesan	Prof. Bhagwat	Indira College
7A	ET315	Voice Recognition System	Kiran Bidwai Ansari Taha	Prof. Mayurkumar Nanda	VIT
7B	EXTC4	Cms Storage	Yogesh Khandagale Mehul Agarwal Varma Mukesh Sashank Sinha	Prof. Mahesh Bhong	Indira
8A	ET304	Artificial Oxygen Tree Using Solar Energy	Diksha Somvanshi Pranali Kate	Prof. Hemant Jadhav	VIT

Stall No.	Project ID - for VIT	Project Title	Group Members	Project Guide	College
			Trupti Pugaonkar Siddharth Kamble		
8B	EXTC5	Design Of Aurdino Based Combined Multimeter And Function Generator	Vinit Kanvinde Sachin Janwalkar Hitesh Jain	Prof. Shraddha Gosavi	VCEET
9A	ET216	Person Following Cart	Aniket Patil Arun Sabat Niket Patel Shyamanand Dubey	Prof. Amrita Mardkar	VIT
9B	EXTC6	Low Cost Smart Hearing Aid	Lakshay Choubey Suraj Tiwari	Prof. Vijaypal Yadav	Terna
10A	B11	Virtual Tongue	Aishwarya E. Laste Apurva Satish Parkar Vaibhavi Dipak Save	Prof. Geeta Narayanan	VIT
10B	BIOM2	Hand Gesture Recognition System For Speech Impaired Person Using Indian Sign Language	Shreeya Satgounda Shraddha Mhetre Deepali Chaudhari	Dr. Mita Bhaowmik	TSEC
11A	B4	Nephroget	Henal Jignesh Shah Anika Ghone Durgesh Todankar Shrutika Ambade	Dr. Jitendra Toravi	VIT
11B	BIOM1	Inter- College			
12A	B2	Digitization Of Oil Drop Test	Omkar Kane Rutuja S. Chandrarao Vaishnavi Sahu Oshin Ranpise	Dr. Anjali Deshpande	VIT
12B	B5	Touch-Less Dispenser	Kanchan Suryawanshi Tripta Sharma Nikita Gharat Mounika Lokam	Prof. Arun Chavan	VIT
13A	C3-09	Third Eye - Vision For Independence	Anantrao Patil Namrata Dhumal Vrushabh Gandhi	Prof. Mandar Sohani	VIT
13B	C1-18	Standard's Elimination Parser	Chaitanya Lele Sumod Shinde Himanshu Telkikar	Prof. Rugved Deolkar	VIT
14A	CMPN1	Test Paper Generation With Intelligent Verifier	Shrimangal Rewagad Prateek Pisat Ganesh Sawant Devansh Mody	Prof. Deepshika Chaturvedi	SAKEC
14B	C1-08	Flex Sensor Control Robotic Arm	Aditya Borhade Sandesh Avhad Tejas Kale	Prof. Rasika Ransing	VIT
15A	C2-06	STAR-NL: Simplification Of Text And Anaphora Resolution In Natural Language	Rutuja Gurav Nikhil Gore Sadhana Desai	Prof. Pankaj Vanwari	VIT
15B	C2-12	Virtual Reality Websites	Karan Kaushik Vinit Sathe Piyush Gupta	Prof. Suvarna Bhat	VIT
16A	C2-26	Source Code Plagiarism Detection	Aravind Damsetti Harsh Daga Phaneesh Barwaria	Prof. Pankaj Vanwari	VIT
16B	CMPN2	Promoting Solar Energy Consumption Using Smart Meter	Anant Gupta Utsav Jain	Dr. Gresha Bhatia	VESIT

Sl No.	Project ID - for VIT	Project Title	Group Members	Project Guide	College
			Pranav Murali		
			Imran Tasgavkar		
17A	C1-23	Emotion Detection From Speech	Shubham Arawkar	Prof. Avinash Shrivastava	VIT
			Ankit Sawant		
			Om Dhuru		
17B	CMPN3	Website Vulnerability Scanner And Offensive Server Side Security Analyzer	Vinit Patil	Prof. Ram Joshi	Indira College
			Karishma Attar		
			Preetesh Pardeshi		
			Netraj Takale		
18A	C1-17	Android To ios Code Converter	Rajas Thakur	Prof. Kavita Shirsat	VIT
			Sneha Bhagwat		
			Murtuza Jetpurwala		
18B	CMPN4	Enhancing Retail Shopping Experience Through Augmented Reality	Ajinkya Sawant	Prof. Sameer Panwala	Anjuman
			Vajid Khan		
			Pravin Chavan		
19A	C2-17	Paradise Motor Sport Using Unity 3D	Chandravadan Raut	Prof. Prita Patil	VIT
			Alok Singh		
			Kedar Patil		
19B	CMPN5	Room Escape VR	Rajat Gupta	Prof. Sharmila Sen Gupta	VESIT
			Rohan Nawani		
			Vishal Talreja		
20A	ITA01	Intelligent Security Lock	Shashank Sapaliga	Prof. Sachin Bojewar	VIT
			Prathamesh Majgaonkar		
			Pratik Meher		
			Varad Pandit		
20B	INFT6	Smart Irrigation System	Shraddha Chogale	Prof. Parimita Das	FRCIT
			Supriya Kadam		
			Ankita Raut		
			Kaveri Andhale		
21A	INFT5 {CMPN Grp}	Android Application On Sign Language Translator	Durita Dalal	Dr. Vinit Kotak	SAKEC
			Richa Lomate		
			Smit Malde		
			Yash Shah		
21B	ITA26	The Rolling Cuisine – An Augmented Reality Approach	Akshata Naik	Prof. Ajay Dhruv	VIT
			Priyanka Andhale		
			Shruti Dumbre		
22A	ITB10	Blog Recommendation Using Text Mining	Amit Panjani	Prof. Deepali Vora	VIT
			Bhavik Jain		
			Rahul Bhardwaj		
22B	INFT4	Inter- College			
23A	INFT3	Inter- College			
23B	ITC06	GSM Based Online Data Logging For Remote Water Level Monitoring And Control	Kalpesh Songire	Prof. Anuja Gote	VIT
			Mihir Navalkar		
			Pallavi Gite		
24A	ITA19	ProVision Head-Up Display For Car Navigation	Pritesh Divekar	Prof. Debarati Ghosal	VIT
			Akshaya Shyamsundar Badhe		
			Shraddha Mali		
24B	INFT1	Inter- College			
25A	ITB02	Campus Cloud	Ketan Mudur	Prof. Yogesh	VIT

No.	VIT	Project Title	Group Members	Project Guide	College
			Niraj Khot Omkar Thorat	Doulatramani	
25B	INFT2	Inter- College			
26A	ITB13	Data Analysis Of Stock (BSE) Using Python	Neeha Khalfay Nirbhey Singh Pahwa Vidhi Soni	Prof. Deepali Vora	VIT
26B	ITA10	Reflective Intelligence – An ODROID Based Approach	Shraddha Upadhyay Priti Nalawade Navin Das	Prof. Vijal Jain	VIT
27A	ETRX5	Inter- College			
27B	E2-9	Fire Fighting UAV	Abhishek Mayekar Prathamesh Patkar Ekta Rathod Tejal Gode	Prof. Pravin Annadate	VIT
28A	ETRX6	Inter- College			
28B	E2-12	Optimal Path Finder Robot	Mohd. Salman Yash Lokhande Aniket Surve Mihir Wadekar	Dr. Saurav Mitra	VIT
29A	E1-18	Coin Based Power Outlet	Prathamesh Satardekar Pranil Raut	Prof. Akhil Masurkar	VIT
29B	ETRX7	Inter- College			
30A	E1-20	Area Mapping Surveillance Robot	Ashish Shekar Dattaram Gawde Ritesh Parulekar	Prof. Prachi Mujawar	VIT
30B	ETRX8	Inter- College			
31A	ETRX4	Inter- College			
31B	E2-15	Smart Agriculture Using IoT	Yash Shah Yash Chawla Karpaswamy S. Satish Kannan	Prof. Ulka Padwalkar	VIT
32A	ETRX3	Inter- College			
32B	E3-11	Power Control And Monitoring	Akshay Sonawane Pratik Khanore Shivam Chaube Saurabh Gharat	Prof. Nayana Mahajan	VIT
33A	ETRX2	Inter- College			
33B	E3-1	Garbage Monitoring System	Rucha Awadhani	Prof. Akhil Masurkar	VIT

Project No.	Project Name	Project Title	Project Manager	Project Status	Project
			Mr. [Name] Family Management		

Date: 03/03/2017

1. Project Group details:

Name of the Guide	Prof. Manoj Suryanwanshi		Project ID	E - 3 - 8	
Email of Guide	manoj.suryawanshi@vit.edu.in		Mobile of Guide	8082243082	
Project Title	IOT Based integrated Sprinkler Management System				
Roll No.	Name	Mobile Number	Email Id	Signature	
14103C2026	MONIKA INGALE	8108082979	ingalemonika123@gmail.com		
14103C2031	NAMRATA KULKARNI	8108121695	namratakulkarni777@gmail.com	N.D. Kulkarni	
14103C2045	TANMAYEE RAWALE	9833672748	rawletanmayee46@gmail.com		
14103C2023	Pratul Jadhav	9987141546	fulljadhav05@gmail.com		

2. Project Status:

Name of Reviewer 1	Uma Jaisankar
% of Completion	70%
Brief Description of Implementation done:	
<p>Sprinkler detecting moisture and working. But temp controlled sprinkler not yet working</p>	
Suggestions of Reviewer 1	
<p>Work is almost completed as per plan but scope of project is very small. Working project can be considered for Tankha Khan.</p>	

Name of Reviewer 2: DR. SAURAV MITRA
% of Completion: 55%

Brief Description of Implementation done:

1) 2 SENSORS - UC RASPBERRY ~~PI~~ - AND ALL HARDWARE
→ NOBODY KNOWS ANY SPECIFICATIONS OF ANY HARDWARE COMPONENT.

HOW WAS THEN THIS PROJECT DESIGNED ??

2) WHOLE IOT PART IS REMAINING.

3) PROJECT WAS PARTIALLY FUNCTIONING DURING DEMO.

Suggestions of Reviewer 2

1) TIME LAG FROM SENSOR TO CLOUD THEN FROM CLOUD TO USER - ANALYSIS TO BE DONE.

2) OVERALL STUDY OF SYSTEM FROM SENSOR TO CLOUD - THEN FROM CLOUD TO SENSOR TO BE DONE - FOR ALL SIGNAL (AMPLITUDE & FREQUENCY) LEVEL.

3. Individual member monitoring report:

Roll No.	Name	Excellent	Good	Sufficient Efforts	Efforts Not Sufficient
14103C2026	MONIKA INGALE	-	-	✓	-
14103C2031	NAMRATA KULKARNI	-	-	✓	-
14103C2045	TANMAYEE RAWALE	-	-	✓	-
14103C2023	PRAFUL JADHAV	-	-	✓	-

(Tick Which Ever Applicable)

✓ (WITH PROPER STUDY OF SIGNAL LEVEL AT EVERY STAGE FROM SENSOR TO TRANSMITTER O/P)

Recommended for TANTRAVIHAR2017

NOT RECOMMENDED FOR TANTRAVIHAR 2017

(Tick Which Ever Applicable)

Reviewer 1 (Name and Signature)
(Uma. Jaisankar)

Reviewer 2 (Name and Signature)
Santosh
3/3/2017

Date: 03/03/2017

1. Project Group details:

Name of the Guide	Dr. Anjali Deshpande		Project ID	E - 3 - 15	
Email of Guide	anjali.deshpande@vit.edu.in		Mobile of Guide	9819609788	
Project Title	DTMF CONTROLLED Load Induction Motor with Speed Control Using Thyristor				
Roll No.	Name	Mobile Number	Email Id	Signature	
13114B1007	Ashish Yadav	7620914093	aashish.yadavvit@gmail.com		
13117C1008	Sandeep Valekar	8652058828	sandeeprook023@gmail.com		
12114B0018	Harish Dhobe	8600321259	harish.dhobe@gmail.com		
13103A1003	AMIT JAKHERE	7208222631	jakhererahul42@gmail.com		

2. Project Status:

Name of Reviewer 1	Pranita Padhye
% of Completion	45%
Brief Description of Implementation done:	
<ul style="list-style-type: none"> → The PCB is fabricated. → The program is ready. → Soldering and troubleshooting to be carried out. 	
Suggestions of Reviewer 1	
<ul style="list-style-type: none"> → speed up the process. → completion will take 2-3 weeks. 	

Name of Reviewer 2	45% Prachi Mujawar
% of Completion	45%
Brief Description of Implementation done:	
<p>→ Not shown any implementation.</p> <p>→ only discrete ckt's shown.</p> <p>→ Entire PCB layout is ready.</p>	
Suggestions of Reviewer 2	
<p>→ Design of components & each circuits to be shown.</p> <p>→ SW Implementation to be shown.</p>	

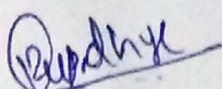
3. Individual member monitoring report:

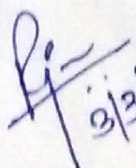
Roll No.	Name	Excellent	Good	Sufficient Efforts	Efforts Not Sufficient
13114B1007	Ashish Yadav			✓	
13117C1008	Sandeep Valekar			—	
12114B0018	Harish Dhobe			✓	
13103A1003	AMIT JAKHERE			✓	

(Tick Which Ever Applicable)

Recommended for TANTRAVIHAR2017	NOT RECOMMENDED FOR TANTRAVIHAR 2017
---------------------------------	--------------------------------------

(Tick Which Ever Applicable)


Reviewer 1 (Name and Signature)

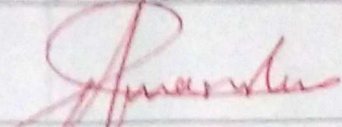
 9/3/2017
Prachi-M.
Reviewer 2 (Name and Signature)

Student Group Details				
Academic Year	2016 - 2017	Group ID		
Semester	Odd Semester	E3-4		
Division	3			
Group Member Details				
Name	Roll Number	Mobile	Email Id	Signature
Madhura M. Patkar	14103c2047	7276776734	madhurapatkar99@gmail.com	<i>[Signature]</i>
Nilam T. Udeg	14103c2029	7208120132	nilam.udeg30@gmail.com	<i>[Signature]</i>
Sarika D. Sargar	14103c2058	8652445429	sarikasargar303030@gmail.com	<i>[Signature]</i>
Abhishek D. Thavare	1410c2032	8898420766	abhishekthavare@gmail.com	<i>[Signature]</i>

Proposed Project Details

Project Idea 1 <small>(Tick Applicable)</small>	In-house Project	<input checked="" type="checkbox"/>	Outhouse / Industry Project	<input type="checkbox"/>
Title	IoT Based Electricity Energy Meter			
Select Theme <small>(Tick Applicable)</small>	Defence Application	Health Care	<input checked="" type="checkbox"/> Eco friendly systems	
Name of Project Guide <small>(Select from List)</small>	Prof. Ameja Pethe			
Abstract <small>(Must Be Elaborative)</small>	<p>The proposed system design eliminates the human involvement in Electricity maintenance. The user can monitor the energy consumption in units from a web page by providing device IP address. Theft detection unit connected to energy meter will notify company side when meter tampering occurs in energy meter and it will send theft detect information through PLC modem and theft detected will be displayed on the terminal window of the company side. Wi-Fi unit performs the IoT operation by sending energy meter data to web page which can be accessed through IP address. It will also detect an unauthorized tapping on distribution line. Power theft is the illegal use of power drawn from a supplier with total or partial bypassing of metering system or interfering with the system in the way to adulterate its measurements.</p>			

Select Project Domains <small>(Tick Applicable)</small>							
Power Electronics and Control	Signal and Image processing	Wireless Communication	Instrumentation and Control	Robotics	Embedded Systems	VLSI	Others Specify
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		IOT
Comments of Project Guide							
Refer the black book from previous year students							

for energy theft.	
Signature of Project Guide	Signature of Class Co-ordinator
<u>Aspetic</u> 11/8/16	

Student Group Details				
Academic Year	2016 - 2017		Group ID	
Semester	Odd Semester		E-3-1	
Division	ETRX - 3			
Group Member Details				
Name	Roll Number	Mobile	Email Id	Signature
RUCHA AWADHANI	14103C2015	8454945780	rucha1795@gmail.com	<i>Rucha</i>
NIKITA RANE	14103C2039	9049430463	nikitarane245@gmail.com	<i>Nikita</i>
KIRTI SARDESAI	14103C2041	9819819916	sardesai.kirti18@gmail.com	<i>Kirti</i>
FELSITA MEKAPOGU	14103C2046	9637589120	mfelsita@gmail.com	<i>Felsita</i>

Proposed Project Details

Project Idea 1 <small>(Tick Applicable)</small>	In-house Project	<input checked="" type="checkbox"/>	Outhouse/ Industry Project	<input type="checkbox"/>
Title	✓ - GMS (Garbage Monitoring System)			
Select Theme <small>(Tick Applicable)</small>	Defence Application	Health Care	Eco friendly systems	
Name of Project Guide <small>(Select from List)</small>	Prof. Akhil Masurkar			
Abstract <small>(Must Be Elaborative)</small>	<p>Tons of garbage is produced every day in cities across the world because of rapidly growing population and changing consumer behaviour. In India, the problem of garbage is grave and a glaring indifference (or ignorance) towards this issue is setting a precarious precedent. Due to this reason, various bacterial diseases are caused along with other nuisance such as foul smell, breeding of insects, flies and mosquitoes. This may cause harmful diseases. So, to avoid this, a Smart Garbage Monitoring System is proposed which will monitor the status of the bins before they are fully filled, overloaded and spilled out. The proposed system comprises of sensors placed on the bin which will monitor waste level. Considering each bin as a node, which has a unique identification number, the sensor data of each bin shall be logged on a web page via a server. Thus, care will be taken by the system based on the sensor outputs to minimize the foul smell, breeding of insects, flies and mosquitoes. This is possible using an embedded system with a microprocessor at its core along with peripheral devices.</p>			

Select Project Domains <small>(Tick Applicable)</small>							
Power Electronics and Control	Signal and Image processing	Wireless Communication	Instrumentation and Control	Robotics	Embedded Systems	VLSI	Others Specify
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	IOT
Comments of Project Guide							
Changes are implements as suggested							
Signature of Project Guide				Signature of Class Co-ordinator			
<i>Akhil Masurkar</i>				<i>Akhil Masurkar</i>			

11/08/2016.

Date: Wednesday, 3rd August 2016

Subject: Project Guide Appointment 2016-2017

Dear Prof. Akhil Masurkar

 You have been appointed as a Project Guide of project group **E - 3 - 1** having project title "**Garbage Monitoring System**"

Details of the student groups assigned to you is as follows

Academic Year	2016 – 2017	Group ID	
Semester	Odd Semester		
Division	C		
Group Member Details			
	Roll No.	Mobile No.	Email ID
RUCHA AWADHANI	14103C2015	8454945780	rucha1795@gmail.com
KIRTI SARDESAI	14103C2041	9819819916	sardesai.kirti18@gmail.com
FELSITA MEKAPOGU	14103C2046	9637589120	mfelsita@gmail.com

** Change in project group members will have to be made if there are eligibility issues**

Details of Project Title Finalised

Project Title	Garbage Monitoring System
Theme	Eco Friendly Systems
Project Type	In House
Project Guide	Prof. Akhil Masurkar
Contact Number	9819063308
Project Guide Email	akhil.masurkar@vit.edu.in
Project Co-ordinator - DIV - C	Prof. Akhil Masurkar, Mob: 9819063308, akhil.masurkar@vit.edu.in
Department Project Co-ordinator	Dr. Varsha Turkar, Mob: 9920038965, varsha.turkar@vit.edu.in

Department of Electronics Engineering							
Power Electronics and Control	Signal and Image processing	Wireless Communication	Instrumentation and Control	Robotics	Embedded Systems	VLSI	Power Electronics and Control
No	Yes	Yes	Yes	No	Yes	No	Not Applicable

- Students are to prepare PPT's for the project title approved by the FYPQA committee of the department.
- Students are to resubmit a proper abstract giving a gist of project activities to be carried out while executing the project title approved, **on or before 10th August 2016**.

Following major project activities are scheduled in this semester for student project group

Sr. No	Activity	Requirements
1	Project Review – 1	a. Physical Project b. Power Point Presentation c. FYPQA continuous Evaluation form
2	Project Review – 2	a. Physical Project b. Power Point Presentation c. FYPQA continuous Evaluation form
3	Mock Presentation before Stage 1 Presentation	a. Physical Project b. Power Point Presentation – Stage 1 c. FYPQA continuous Evaluation form
4	Final Project Presentation - Stage 1	a. Physical Project b. Power Point Presentation – Stage 1 c. Project Report – Stage 1 d. FYPQA continuous Evaluation form

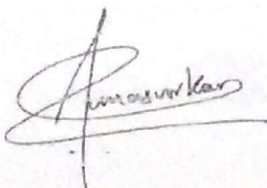
Date and time shall be conveyed to you in consultation with the Project Co-ordinator and Head of the Department

Project Guidelines

General Guidelines
First stage Presentation to project guides are scheduled between 25th July 2016 and 6th August 2016 . Students can consider following points while presenting the project to you: <ol style="list-style-type: none"> 1. Problem statement 2. Complete Literature Survey 3. Implementation Methodology 4. Associated Hardware.
A detailed abstract of the project report and change in project title if any must be submitted in the format given latest by 10th August 2016 Link: http://www.vidyalankarlive.com/site/threads/21495-Abstract-and-Title-Finalization-Format?p=40960#post40960
Actual implementation of project can start after finalising the project with respect to above points.
The continuous evaluation form kept with the project guide should be filled and evaluated on a weekly basis. The same can be downloaded from the link on vlive. Link: http://www.vidyalankarlive.com/site/threads/21494-FYPQA-Continuous-Evaluation-Form-2016-2017?p=40959#post40959
On every project day all the project group members must be present and work in the departmental laboratories under the supervision of the project guide assigned.
For every group one technical paper must be ready till November (with results / without result review paper). Four page IEEE letter.
For hardware projects
General purpose PCB, Bread board are not allowed for project presentation/ demonstration which will take place in November 2016
Students must use Eagle or any other design tool to make the PCB as per the circuit design.
The test procedure and test data for the sensors should be included in the project report.
Students must be aware of each and every component used in the project.

I wish you all the best to carry out final year project activities this year.

Regards



Akhil U Masurkar (AUM)
Assistant Professor & Final Year Project Co-ordinator – DIV – C
Department of Electronics Engineering (NBA Accredited)
Vidyalankar Institute of Technology, Mumbai

Date: Wednesday, 3rd August 2016

Subject: Project Guide Appointment 2016-2017

Dear Dr. Varsha Turkar

You have been appointed as a Project Guide of project group **E - 3 - 2** having project title "**GIS Based Parking Assistance**"

Details of the student groups assigned to you is as follows

Academic Year	2016 – 2017	Group ID	
Semester	Odd Semester	E - 3 - 2	
Division	C		
Group Member Details			
NAME	REGISTRATION NO.	MOBILE NO.	EMAIL ID
PRAJKTA SIRAME	14103C2043	8425858666	prajktasirame@gmail.com
PRASHANT BAPEKAR	14103C2051	8097260614	mongya00@gmail.com
VINAY CHALKE	14103C2049	9920369762	vinaychalke11@gmail.com

** Change in project group members will have to be made if there are eligibility issues**

Details of Project Title Finalised

Project Title	GIS Based Parking Assistance
Theme	Other
Project Type	Outhouse
Project Guide	Dr. Varsha Turkar
Contact Number	9920038965
Project Guide Email	varsha.turkar@vit.edu.in
Project Co-ordinator - DIV - C	Prof. Akhil Masurkar, Mob: 9819063308, akhil.masurkar@vit.edu.in
Department Project Co-ordinator	Dr. Varsha Turkar, Mob: 9920038965, varsha.turkar@vit.edu.in

Power Electronics and Control	Signal and Image processing	Wireless Communication	Instrumentation and Control	Robotics	Embedded Systems	VLSI	Power Electronics and Control
No	Yes	Yes	Yes	No	Yes	No	Database and Android Development

- Students are to prepare PPT's for the project title approved by the FYPQA committee of the department.
- Students are to resubmit a proper abstract giving a gist of project activities to be carried out while executing the project title approved, **on or before 10th August 2016.**

Following major project activities are scheduled in this semester for student project group

Sr. No	Activity	Requirements
1	Project Review – 1	a. Physical Project b. Power Point Presentation c. FYPQA continuous Evaluation form
2	Project Review – 2	a. Physical Project b. Power Point Presentation c. FYPQA continuous Evaluation form
3	Mock Presentation before Stage 1 Presentation	a. Physical Project b. Power Point Presentation – Stage 1 c. FYPQA continuous Evaluation form
4	Final Project Presentation - Stage 1	a. Physical Project b. Power Point Presentation – Stage 1 c. Project Report – Stage 1 d. FYPQA continuous Evaluation form

Date and time shall be conveyed to you in consultation with the Project Co-ordinator and Head of the Department

Project Guidelines

General Guidelines

First stage Presentation to project guides are scheduled between **25th July 2016 and 6th August 2016**. Students can consider following points while presenting the project to you:

1. Problem statement
2. Complete Literature Survey
3. Implementation Methodology
4. Associated Hardware.

A detailed abstract of the project report and change in project title if any must be submitted in the format given latest by **10th August 2016**

Link: <http://www.vidyalankarlive.com/site/threads/21495-Abstract-and-Title-Finalization-Format?p=40960#post40960>

Actual implementation of project can start after finalising the project with respect to above points.

The continuous evaluation form kept with the project guide should be filled and evaluated on a weekly basis. The same can be downloaded from the link on vlive.

Link: <http://www.vidyalankarlive.com/site/threads/21494-FYPQA-Continuous-Evaluation-Form-2016-2017?p=40959#post40959>

On every project day all the project group members must be present and work in the departmental laboratories under the supervision of the project guide assigned.

For every group one technical paper must be ready till November (with results / without result review paper). Four page IEEE letter.

For hardware projects

General purpose PCB, Bread board are not allowed for project presentation/ demonstration which will take place in November 2016

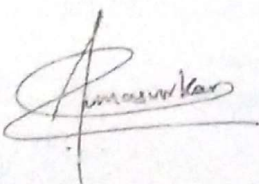
Students must use Eagle or any other design tool to make the PCB as per the circuit design.

The test procedure and test data for the sensors should be included in the project report.

Students must be aware of each and every component used in the project.

I wish you all the best to carry out final year project activities this year.

Regards



Akhil U Masurkar (AUM)
Assistant Professor & Final Year Project Co-ordinator – DIV – C
Department of Electronics Engineering (NBA Accredited)
Vidyalankar Institute of Technology, Mumbai