

# V.E.S.Polytechnic

SHA LP 17



ANYTHING  
YOU CAN DO

BETTER





Warm welcome of Dr Abhay Wagh, Director MSBTE by Hon.Vishu Lala trustee, VESP.



Inauguration of MSBTE sponsored career fair by Hon.Abhay Wagh at VESP



Principal Vikrant Joshi guiding participants at career fair.



Dignitaries and participants at career fair.



Inauguration of Orientation program for the first Year Students



Bindu Ramesh,HOD, guiding parents and students at orientation program



Sphurti - Annual Sports week 2017



Sphurti - Annual Sports week 2017



Tree plantation drive at VESP



Inauguration of ECCNA workshop



**One week MSBTE sponsored faculty training programme on “NBA-Outcome Based Education”**

# Editorial

SHILP- The word in itself means creativity at its best. Shilp is a canvas that provides a measure for this creativity to be materialised. It is a compound of the writer's mood, ideas, rhyme and most important his heart. It is a one-time glance of all the events of the year from January 2017 to December 2017. It is a platform for students to exhibit their work and contribute to the sharing of knowledge.

The commencement of New Year, a new beginning inspires our progressive run, but as we look behind, we see shadows of memories following us which are bloomed here in "SHILP 17". Shilp is a tree in real sense which begins as a seed and gradually grows with watering and care of the makers. It is a journey from the beginning of the year covering various events, festivals, academics, activities, workshops, and experience. Anvesh, a modern techno-cultural fiesta exhibits the inner talent, excitement & enthusiasm of Vespians where talent hunt gives us new and growing talents where as the crowned Mr and Mss VESP takes birth, with many organized event Anvesh brings everyone closer with build in

Sphurti, was a perfect stage to display one's sportsman spirit, and teamwork. The power performance, high spirit, and rivalry play the key features of sphurti. We embarked towards the completion of the year by reunion alumni meet which was an amazing medium for the passout students to get in touch with their mates and also refresh their college memories.

The carnival of activities commence with the celebration of traditional day on the occasion of Swami Vivekananda's birth anniversary. And this shall pass to a new light of 2018.

The essential purpose of Magazine is to inform, engage, inspire and entertain a diverse readership -- including alumni, faculty, staff, students, parents and other friends of College -- by presenting an intimate, timely and honest portrait of the College -- its people, its programs, its history, its challenges, its resources and its mission. In the originality of its conception, in the excellence of its writing and visual presentation and in its commitment to accuracy, healthy discourse and editorial balance, the magazine endeavors to reflect the values and the quality of the institution itself. By maintaining the respect and interest of its readers, the magazine aspires ultimately to inform their opinion of the College and to strengthen their commitment to its welfare.

ultimate purpose of the magazine is to engage and strengthen its readers' association with the College, the institution recognizes that it can do so effectively only by earning and retaining the respect and faith of its readers. In this context, these editorial standards are set forth to give readers and contributors a clear idea of what they can and should expect from the magazine.

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### Trustee's Desk

“A nation is advanced in proportion to education and intelligence spread among the masses.”-Swami Vivekanand.

India is the most attractive investment destinations for science and technology sector in the world. A strong focus on science and technology has resulted in constructive economic growth . It is a matter of proud that we are at a prestigious position among the top most countries in the world in the field of scientific research and space exploration and space missions, including missions to the moon and the acclaimed Polar Satellite Launch Vehicle .Our contribution in manufacturing , export and research of information and communication technology has increased immensely contemporary period and contributing a lot in all spheres.The considerable investment in education with research and development is a need of hour to compete with international standards.

Though the advancements are seen on many front we need to inculcate like skills amongst our professionals .We need to contemplate and improve time management skills which is significant for social as well as professional life.

The contribution of quality educational institute will have a major role in transforming India as a technology hub in upcoming years .The future of any nation depends on the ability to produce the dynamic professionals who will be the pillars of strong and developed nation. VESP counts among the leading institute which is committed to same spirit with academic excellence and overall development of students .The continued efforts have been taken to provide the best infrastructure and learning friendly environment which encourage the learning of modern technological advancement in disciplined and traditional way. I appreciate the efforts, support and contribution of all stakeholder for NBA accreditation for all programmes which acknowledged our pursuit of quality education without capitation at VES.

I wish you all success, contentment and excellence for your professional as well as personal life.

Vishu Lala

Trustee, Vivekanand Education Society  
Managing Trustee  
VES Polytechnic



## 2. Principal's Desk

“Without change there is no innovation ,creativity or incentives for improvement ,those who initiate change will have a better opportunity to manage the change that is inevitable .”

One cannot ignore the fact that everything which is imagined is possible .Things which were shown in science fictions have become reality of contemporary society ;from satellite instructional television to robotics,augmented reality,smart technologies and 3 D printing have transformed our lives drastically .The information and communication technology has blurred the lines between physical, digital and biological spheres.Similarly advanced future technology likes flying cars,prosthetic technology,super fast data transmission ,tissue engineering,brain waves ,hyperloop etc will have great impact on socio-economical and technological scenario as a whole .This will transform all parameter of engineering education as well as role of engineer to adapt this super-fast and innovative environment .In this context ,the role of every engineering institute becomes crucial shaping the future engineering with scientific bent of mind as well a creativity. At VESP we have not left any stone unturned in context with quality

education with holistic development ,achievement in various fields is the result of endeavours of all the stakeholders of institute.

I congratulate all the vespians for retaining the top honour and recognition in academics as well as maintaining never ending quest not only for knowledge but also for creativity - innovation explored in techno cultural events like Vivektechnotronics, Anvesh and Sphurti.The winner of 5th Hashu Advani football competition,social activity,smart city concept competition,shrethatha and gyanvistar have added the feathers to VESP,

I acknowledge and thank all the alumni for their ongoing support in terms of career guidance ,workshops ,seminars and industry institute partnership .

I am indebted to all the stakeholders for their endeavours in making VESP as one of the best engineering institute.The efforts of team of annual magazine shilp 2017, are highly appreciated for offering glimpse of various activities

I wish you all happy and prosperous year 2018.

### 3. Result Analysis

<b>Programme</b>	<b>1<sup>st</sup> Year</b>	<b>2<sup>nd</sup> Year</b>	<b>3<sup>rd</sup> Year</b>
Computer Technology	100	93.24	94.80
Industrial Electronics	62.49	69.04	63.33
Instrumentation	86.20 %	60.38%	91.30%
Electronics and communication Engg.	86.96	62.96	82.61
Electronics and Communication Technology	81.25	81.08	86.36
Computer Engineering	98.3	87.67	92.55
Electronics and Telecommunication	93.33	75.38	97.5

**COMPUTER TECHNOLOGY** First Year

RANK	NAME OF STUDENTS	PERCENTAGE
1	TALELE HARSHAVARDHAN RAJESH	95.59
2	JETHWA NIKET KAMLESH	89.93
3	RANE DISHA VINIT	89.72

## Second Year

RANK	NAME OF STUDENTS	PERCENTAGE
1	TIGAIYA HIMANSHU DEVRAJ	90.97
2	SAMEEKSHA BHATIA	90.40
3	THAKUR SONIA ASHOK	89.49

## Third Year

RANK	NAME OF STUDENTS	PERCENTAGE
1	DESHPANDE RIYA GAJANAN	91.59
2	LALLA RISHABH RAJAN	89.59
3	PARIKH VIDHI SARJU	88.71



RIYA DESHPANDE



RISHABH LALLA



VIDHI PARIKH

TOPPERS OF 2016-2017

FIRST YEAR		
RANK	PERCENTAGE	NAME
I	83.18 %	PISAL MANSI NANASO
II	70.81 %	KOKATE VINAYAK KALIDAS
III	61.11 %	PANDEY SHUNHAM MARKANDEY
SECOND YEAR		
RANK	PERCENTAGE	NAME
I	88.25%	WORLIKAR SHRUTI
II	85.93%	PAWAR PRIYANKA
III	78.75%	DHARIYA VRAJ
THIRD YEAR		
RANK	PERCENTAGE	NAME
I	81.09%	SHROFF TANVI
II	79.49%	GHOGE ABHIJEET
III	78%	DHANAWADE PRATIKA

TANVI SHROFF



ABHIJIT GHOGE



PRATIKA DHANAWADE



**1) (IS)****RESULT ANALYSIS****FIRST YEAR**

RANK	NAME	%
I	MULLA IRFAN RAFIQ	78.095
II	DEOKAR TANVI VIJAY	70.93
III	CHAVAN AKSHAY DATTARAM	70.07

**SECOND YEAR**

RANK	NAME	%
I	PANDIT TANMAY MANGESH	78.88
II	TARE UDAY VIVEK	77
III	BHITALE TEJASHREE ANANT	76.88

**THIRD YEAR**

RANK	NAME	%
I	AMODKAR VISHAL SUNIL	89.65
II	SHAH NAUSHEEN EHSANULLAH	89.35
III	MRUNMAYEE SHRIRANG GOKHALE	87.76

AMODKAR VISHAL



SHAH NAUSHEEN



GOKHALE MRUNMAYEE



2) Ashok Navale (EQ)

ANNUAL ANALYSIS FOR EQ 2016-17 [FIRST YEAR]

RANK	NAME OF THE TOPPER	PERCENTAGE
1	PATKAR PRATHAMESH PRAMOD	75.33%
2	SONUNE MAYUR SAHEBRAO	68.59%
3	TIRAKANNAVAR AAKASH ARVIND	66.44%

ANNUAL ANALYSIS FOR EQ 2016-17 [SECOND YEAR]

RANK	NAME OF THE TOPPER	PERCENTAGE
1	VARVE DIPESH KAILAS	69.94%
2	GUNJAL NIKHIL BABAN	68.88%
3	PATIL VEDANTIKA VINOD	68.06%

ANNUAL ANALYSIS FOR EQ 2016-17 [THIRD YEAR]

RANK	NAME OF THE TOPPER	PERCENTAGE
1	SAH AMRITA ARJUNPRASAD	85.35%
2	SHAIKH MOHD SAAD ABDUL MAJID	84.35%
3	WAGHMARE ASHWINI RAJENDRA	83.24%

AMRITA SAH



SAAD SHAIKH



ASHWINI WAGHMARE



**3) Priyanka Shinde (ET)**

ET6G

RANK	NAME OF THE TOPPER	PERCENTAGE
1	MANDLIK NIDISHA NITIN	85.41
2	MANDLIK ADISHA NITIN	80.24
3	PATIL MOHINI NJABRPUAO	79.59
4	PANDA RAJESH KAPILAS	79.59

PHOTO

NIDISHA MANDLIK

ADISHA MANDLIK

MOHINI PATIL

RAJESH PANDA



ET4G

RANK	NAME OF THE TOPPER	PERCENTAGE
1	YETAM SUMED SURESH	82.69
2	BENGLE VAIBHAV PRAMOD	81.69
3	ERALLA BHARATI BABU	81.13

ET2G

RANK	NAME OF THE TOPPER	PERCENTAGE
1	SHENOY MITHUN THARANATH	92.00
2	SHINDOLKAR TANMAY NANDKUMAR	85.33
3	SHREYA SHAILESH DEORUKHKAR	79.70

4) Tejas Shah (EJ)

EJ6G

RANK	NAME OF THE TOPPER	PERCENTAGE
1	KURHADE RAJESHWARI BAJIRAO	89.71%
2	TAMBADE DHANANJAY VILAS	88.47%
3	MANIYAR POOJA MANGESH	87.82%

RAJESHWARI KURHADE



DHANANJAY TAMBADE



POOJA MNIYAR



EJ4G

RANK	NAME OF THE TOPPER	PERCENTAGE
1	SUFIA AYAZ UMER	82.69%
2	WAVLE PRAJAKTA HARICHAND	80.81%
3	CHAVAN SHRIYA AJAY	79.00%

EJ2G

RANK	NAME OF THE TOPPER	PERCENTAGE
1	TAWTE AADESH SHAMSUNDER	89.70
2	SANGLE ASHISH ARJUN	87.93
3	SHINDE SANKET JANARDHAN	83.56

EJ TOPPERS PHOTO

5) Pratibha Pednekar (CO)

COMPUTER ENGINEERING PROGRAM  
First Year

Rank	Name of Student	Percentage
1	KOSHTI POOJA ARUN	96.41%
2	DEEPANSHU DEEPAK VANGANI	94.7%
3	PAL ANAND NABOKUMAR	94.08%

Second Year

Rank	Name of Student	Percentage
1	VRUSHALI SHAH	91.51%
2	PALAK DAVDA	89.74%
3	PARTH SHAH	88.21%

Third Year

Rank	Name of Student	Percentage
1	VARLYANI JATIN JAIKISHIN	94.13%
2	SIMRAN KALRA	93.5%
3	BURAMBADKAR ANUJA SHANKAR	93.31%



**JATIN VARLYANI**



**SIMRAN KALRA**



**ANUJA BURAMBADKAR**

## 4. Traditional Day

*'It is the culture of the heart that we want' - Swami Vivekananda.*

12th December, birth Anniversary of Swami Vivekananda, is observed as 'National Youth Day' to remember his great teaching since 1985. It is rightly said that the philosophy and the ideals of Vivekanand ji for which he lived and worked could be a great source of inspiration for the Youth.

VESP celebrates this day as a Traditional Day with an intention to spread the message of Swamiji with a theme of Traditional dances and attires of various states of our country.

The auspicious day started with inauguration by Chief guest Mr. Ajay Bhise PRO, Sir J. J. Mahanagar Raktapedhi, Principal Mr. Vikrant Joshi and Mr. Surendar Rawat, Event Incharge, paying a tribute to Vivekanand ji in traditional way. Mr. Ajay Bhise enumerated the significance of blood donation and their towards worthiness of the society at large. Principal, Mr. V. B. Joshi addressed the gathering emphasizing the importance of culture, traditions and discipline of youth.

The celebration of the Traditional day started with the Blood Donation Campaign, a combine initiative and effort taken by our college V.E.S. Polytechnic along with Sir J. J. Mahanagar Raktapedhi managed by State Blood Transfusion Council, Govt of Maharashtra. The event was organized in ARC Room No. 1, Ground Floor, V. E. S. Polytechnic. Blood donation drive started at 9:00 am sharp, with huge interest among students the drive ended with almost 69 bottles of blood.

The detail list of donors whose blood were accepted by J.J. Mahanagar Raktapedhi are attached with the report.

COMPUTER AWARENESS PROGRAM for Parents

Venue: Room No. 108, First Floor.

Participant: Seventeen (17) Parents attended

Purpose: To impart training on Microsoft operating system, Ms word, Internet surfing, search engine techniques, Social Networking, Internet Shopping and Online Bill Payments etc.



**BEST TRADITIONAL OUTFIT COMPETITION** for students.

From each class one female & one male student were selected who were in competition with each other. The judges for the event were Mr. Unnikrishnan K, Mrs. Deepa Gupte and Mrs. Shruti Karkare

The winners for the event are –

- Best Traditional Theme (Skit & Dance) on social awareness was won by Computer Technology Branch



*“A nation’s culture resides in the hearts and in the soul of its people”*

*- Mahatma Gandhi*

## **5. Guru Purnima**

*“A mentor is someone who allows you to see hope inside you”*

*- Shawn Hitchcock*

“A good teacher can inspire hope, ignite the imagination, and instill a love of learning,” a famous quote by an American politician, *Brad Henry* summarizes everything about the guiding force of our lives. So what makes a Teacher? They are the individuals who introduce us to widen our horizon to see new possibilities in life. From teaching about new concepts mentioned in textbooks to going beyond the written lines to impart knowledge and wisdom, makes a great teacher. In India, teachers are highly regarded, so much so that a great teacher also called Guru is placed above the God.

The academic year started with the celebration of Guru Purnima paying reverence to Guru

*Guru Purnima* is an Indian festival dedicated to spiritual and academic teachers. This festival is traditionally celebrated to pay respects to teachers and express their gratitude. The festival is celebrated on the full moon day (Purnima)

in the Hindu month of *Ashadha* (June–July) as it is known in the Hindu calendar of India.

The celebration is marked by ritualistic respect to the Guru, **Guru Puja**. The word Guru is derived from two words, **gu** and **ru**. The Sanskrit root **gu** means darkness or ignorance, and **ru** denotes the remover of that darkness.

It is truly said that parents are our first guru who introduce us to this universe. Then comes our teacher / guru who guide us on the right path. Every day we meet guru in some or other form because learning is a continuous process.

*On this occasion of Guru Pournima, competitions like Essay writing, Poster making were organized for students on the topic “**GURU-SHISHYA TRADITION**” on 10.7.2017. Students participated to put their creativity forward and decorated posters. Total student participants for all the events were 144.*

The process was formulated with informing students and guiding them with participation in the events such as Essay writing in Hindi, English and Marathi languages on the topic “GURU-SHISHYA TRADITION”. Poster making was also organized on the same topic. The students were judged by the panel on the criteria of the rubrics provided

### **Team members**

**Vaishali Bodhale, Lina Patil, Prajakta Kale & Anupama Gautam.**



## 6 . Constitutional day

*“ Law and order are the medicine of the body politic and when the body gets sick medicine must be administration .”*

*Dr D.R. Ambedkar*



**Constitution Day (National Law Day)**, also known as **Samvidhan Divas**, is celebrated in India on 26 November every year to commemorate the adoption of Constitution of India by Dr Babasaheb Ambedkar on 26 November 1949, the Constituent Assembly of India adopted the Constitution of India, and it came into effect on 26 January 1950.

Previously this day was celebrated as Law Day. 26 November was chosen to spread the importance of the constitution and to spread thoughts and ideas of Ambedkar.

As per the Department of Education and Literacy all over India, the preamble of the constitution has been read in all schools by all students. In addition, there were quiz and essay competitions both online and offline on the subject of the constitution of India.

The work of translating the Indian constitution into Arabic language has been completed. Department of Sport arranged symbolic run named "Run for Equality". There was also a special session of Indian parliament on 26 November 2015 spread in all over India to give tribute to the constitution and Ambedkar..

Constitution is some rules that are made by legislatures also known as Lok sabha/ Rajya Sabha in India for their own country, are called LAW. We need laws in society so our society can regulate and work property. They are designed to protect us and our property. Therefore, A constitution is made to enable a person to lead a disciplined life. The constitution is a document containing laws and rules which determine and describe the form of the government, the relationship between the citizens and the government. Therefore, in general a constitution is the document that sets out rules for our system of government. The Constitutional day is celebrated on 26th November as per the guidelines of AICTE. We celebrated constitutional day on 27th November 2017 at VESP at 9.30 am. Program started with Introduction about constitutional day by Mrs. Vaishali Bodhale. Afterwards pledge is taken by all staff members at seminar hall. Activity Expert talk on CONSTITUTION OF INDIA By Mrs.Vaishali Bodhale Mass Reading of Preamble of constitution of India. TEAM: Coordinator : Mrs.Vaishali Bodhale Asst. Coordinators : Mrs.Lina Patil Ms.Prajakta kale Mrs.Anupma Gautam.

## 8 . Teacher's Day

*“A good teacher is like a candle; it consumes itself to light the way for others.”*

*-Mustafa Kemal Ataturk*

The day was marked for the celebration as Teachers' Day since 1962 in respect and deference of Dr. Sarvepalli Radhakrishnan who was born on 5th September, 1888. Dr. Sarvepalli Radhakrishnan was a great scholar, philosopher and teacher of modern India and was awarded the Bharat Ratna in 1954. He became the first Vice President of India (from 1952 to 1962) and the second President of India (from 1962 to 1967). It was his wish that instead of celebrating his birthday on 5th of September every year, it would be better to celebrate it as Teacher's Day all over India. Therefore, it was only natural way that his birthday would be celebrated as Teacher's day to pay respect towards teachers across the country.

To mark the importance of this day, we celebrate Teacher's day in our college. On this occasion our team organized various competitions like Card making & Best of Waste out 2nd year & 3rd year students students also Technical Paper Presentation for Final year students on 6th September 2017.

Our celebration started with Saraswati Vandana followed by the act by the students. An inspirational lecture on the topic Priority management for individual (to become a better teacher), was conducted by Mrs. Piya Mukherjee (VESLARC Team).

Then team organized some exciting games for all Teaching & Non-Teaching Staff. The Teachers Day was organized by following Team Members Mrs.Vaishali Bodhale, Mrs.Lina Patil, Miss Prajakta Kale, Mrs.Anupama Gautam.

### **A] TECHNICAL PAPER PRESENTATION:[T.P.P]**

This is a technical event which is organized every year on the occasion of teacher's day to impart technical knowledge and presentation skills of the students. This

event was organized for final year students.

Objective: To develop their presentation skills and learn effective use of visual related to choosing technical topics.

Venue: Respective classrooms.

### **B) BEST OUT OF WASTE:**

This event was organized for second year and third year students.

Objective: To practice and create awareness about reuse of waste material.

Venue: Library

### **C] CARD MAKING :**

This event was organized for second year and third year students.

Objectives: To show creativity and artistic side of students.

Venue: library

### **WINNERS OF TPP FOR TEACHERS DAY**

<b>Sr.No.</b>	<b>Class</b>	<b>Name of students</b>	<b>Topic</b>	<b>Rank</b>
<b>1</b>	<b>CM5G</b>	<b>Nisarg shah</b>	<b>On-Vesh</b>	<b>FIRST</b>
		<b>Pragalbha patil</b>		
		<b>Priyesh sharma</b>		
		<b>Nikhil khaneja</b>		
<b>2</b>	<b>CM5G</b>	<b>Hrishikesh wadhvani</b>	<b>My Secretary</b>	<b>SECOND</b>
		<b>Aanshukkitawat</b>		
		<b>Girish Raheja</b>		
		<b>Bhushan Rumde</b>		
<b>3</b>	<b>CM5G</b>	<b>Pranay Patro</b>	<b>Intra Share</b>	<b>THIRD</b>
		<b>Jai Gohil</b>		

		<b>Suraj Wadhwa</b>		
		<b>Pritam Kamble</b>		
<b>4</b>	<b>IE5G</b>	<b>Harshal Sawant</b>	<b>Hand Gesture Control Robot Using Microcontroller</b>	<b>FIRST</b>
		<b>Kanchan Mandal</b>		
		<b>Prashant singh Rawat</b>		
		<b>Ramesh Kalwar</b>		
<b>5</b>	<b>IE5G</b>	<b>Vishal Patel</b>	<b>Wireless Energy Transfer</b>	<b>SECOND</b>
		<b>Ashish Suryawanshi</b>		
		<b>Harshad Yevle</b>		
		<b>Nikhil More</b>		
<b>6</b>	<b>IE5G</b>	<b>Priyanka Pawar</b>	<b>Home Automation Using Smart Switch</b>	<b>THIRD</b>
		<b>Ashutosh Pandey</b>		
		<b>Shruti Worlikar</b>		
		<b>VrajDharia</b>		

## 9. Engineer's Day

*“Engineers discover world by their pen and brain”*

In remembrance of **Sir Mokshagundam Vishweshwarayya**, the most outstanding Engineer of all times, the engineering fraternity of India celebrates **“Engineer Day”** every year on **15th September**.

Engineers operate at the interface between science and society. To identify the great works done by our hard working engineers every year, 15th September is celebrated as “Engineer’s Day” marking the birthday of **Sir Mokshagundam Vishweshwarayya**, recognizing his contributions in the field of hydro power energy in India.

In Vivekanand Education Society’s Polytechnic, we have celebrated an Engineer’s day by organizing the technical events for the students of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year. In all events students have participated from Electronics group and students from Computer group.

TPP, Identify product from tagline, Poster Making, AD MAD show events were organized within college campus.

The celebration started with the event “TPP” for 3<sup>rd</sup> YEAR students. The event was judged by Mrs. Anuradha Bhatia and Mrs. Neelima Palaspagar on the basis of presentation, paper format, time, knowledge depth and defence.

Second competition was “Identify the product from Tagline” conducted by Mrs. Anupama Gautam . It was conducted in 2 rounds. First round was qualifying round and second round was final round.

Third competition was “ Technical poster making competition” . Here the interested students of two members in a group participated from all first year programs and they were given technical topics “ Engineers The makers of world”. This event was judged by Mrs. Alka Prayagkar and Mrs. Vaishali Rajeshirke on the basis of Content, Text , Graphics, Material, Font, Clip Art, Spelling Error and Presentation.

The day concluded with the final competition “Ad MAD” show which was judged by Mr. Nitin Kale and Mrs. Pratibha Pednekar on the basis of Advertising concept , Demonstration of an awareness of the target audience and oral presentation.

***Winners of the events held on engineers day were***

Sr.No.	Name of Event	Name of Student	Class	Rank
1	<b><i>Technical Paper presentation</i></b>	Nisarg Shah	CM5G	First
2		Kaneja Nikhil		
3		Patil Pragalbha		
4		Sharma Priyesh		
5		Harshal Sawant	IE 5G	Second
6		Prashant Singh Rawat		
7		Ramesh Kalwar		
8		Rajveersingh Kaushal	EJ5G	Third
9	<b><i>Identify product from tagline</i></b>	Vraj Dharia & Prashant Kolekar	IE5G	First
10		Ritik Kudale & Amey Gujar	CM3G	Second
11		Pratish Redkar & Dhairya Shah	EJ3G	Third

12	<b><i>Poster making</i></b>	Aastha Patil & Aadya Tanksali	EJ1I	First
13		Ronit Chugh & Rahul Durvas	EJ1I	Second

14		Dhanvi & Isha	CO1I	Third
15	<b>AD –MAD show</b>	Sameeksha & Rushikesh	CM5G	First
16		Priyesh & Anirudha	CM5G	Second



Organizing team consists of following staff members :

**Activity I/C – Mrs. Vaishali Bodhale**

**Team members – Mrs. Lina Patil, Miss Prajakta Kale, Mrs. Anupama Gautam.**

**Student Coordinators: Gaurav Chaudhari , Samarth Jogadia**

## **10.CSI Report**

Computer Society of India (CSI) Student Branch The institute is the member of Computer Society of India from last 8 years and caters various events and workshops under the roof for technological development with the latest trend and technology in the field of computers and information technology. The Computer Society of India is a non-Profit professional meet to exchange views and information learn and share ideas. The wide spectrum of members is committed to the advancement of the theory and practice of Computer Engineering and Technology Systems, Science and Engineering, Information Processing and related Arts and Sciences. The Society also encourages and assists professionals to maintain the integrity and competence of the profession and fosters a sense of partnership amongst members. Besides the activities held at the Chapter and Student Branches, the Society also conducts periodic conferences, seminars at Regional and Divisional levels. VESP is proud to announce the Computer Society of India (CSI) student's branch. We are the first to have student's branch among the various polytechnics. The student's branch co-ordinator is Mrs Anuradha Bhatia. The Nominee members is Mrs Nilima Deore and Mr Dasrath Kale. There are 150 student members from the college. The events organized by the CSI chapter are quiz,z coding, gaming zone, PowerPoint presentation and workshop on Cross Platform Mobile Application Development in Adobe PhoneGap by SARVASWA VENTURES (OPC) PVT. LTD. The second workshop was organized for the CSI students on "Report Writing using MS – Word & LaTeX". Venkatesh Vaasudhevan. Founder & CEO, SARVASWA VENTURES (OPC) PVT. LTD Anuradha Bhatia

# 11. ISA Report

## **The International Society of Automation (ISA)**

ISA founded in 1945 is a non-profit technical society for engineers, technicians, businesspeople, educators and students, who work, study or are interested in industrial automation and pursuits related to it, such as instrumentation.

ISA is one of the foremost professional organizations in the world for setting standards and educating industry professionals in automation.

ISA is the host of the largest trade show for instrumentation, systems, and automation professionals in North America, ISA EXPO.

ISA members are able to gain input from professionals around the world and may get the answer for almost any technical question quickly.

Under ISA VESP student chapter in 2016-17 several events have been conducted by the ISA student's counsel:

Faculty advisor: Mr. Kalpesh Bagal

President: Mr. Asif Shaikh

Secretary: Mr. Rushikesh Gorad

Treasurer: Mr. Devendra Gaonkar

Events held under VESP ISA section:

- Technical Quiz:

A Technical Quiz Competition was conducted for the students of Instrumentation Department. The Quiz has been conducted with an intention to judge & enhance the understanding level of Instrumentation, science & Technology Concept.

A total of 12 teams (each consisting of 4 students) registered for the Quiz Competition. Two different levels of Quiz were conducted to filter out team for the final round from each year. A total of 5 questionnaire rounds were conducted for the 3 teams & the team with the highest score was declared as winner.

An event was organized by ISA member's Sahil Shaikh and Nikhil Panchal. This event was conducted for all third year electronics and Instrumentation students to

judge their programming skills. Total 25 students have participated in this event and it was carried out in three rounds viz- Quiz, Basic level programming and advance level programming.

## **12. ISTE Report**

Indian Society for Technical Education (ISTE) was set up at the head quarters in Delhi by the Human Resource Development in 1972 and its subsequent wings in the state. At VES Polytechnic we have obtained ISTE institutional membership “**IM 1587**” in year **2008** , ISTE Students Chapter No. “**MH-166**” and ISTE Chapter Certification No.“**MH-199**”. Till date we have enrolled 1115 students under ISTE Students Chapter.

Every year new ISTE student council is formed. Under this chapter students conducts various technical activities which give them opportunity for planning, organization of program wherein they learn to discharge program duties among their peer group, time management and organization of entire program.

**ISTE student council for academic year 2017-2018.**

<b>Post</b>	<b>Name of the student</b>	<b>Class</b>
President	Mr. Rajveersingh Kaushal	EJ5G
Secretary	Ms. Nidhi Hegde	EQ5G
Treasurer	Mr. Ashish Sangle	EJ3G
Planning & management	Mr. Kabir Lulla	EQ5G
	Mr. Dhairya Shah	EJ3G
Executive cell	Mr. Sumedh Yetan	ET5G
	Mr. Samarth Jogadia	IE5G
	Mr. Athrava Belose	EJ3G
Public relation officer	Ms. Sufiya Umer	EJ5G
	Mr. Gaurav Chaudhari	IE5G

Every year activities under ISTE are planned and scheduled in each semester. For I year students Orientation program “**WHAT IS ISTE?**” is conducted and registration for ISTE membership is done. This year 57 new student ISTE members are registered from first year and direct second year. Following events are conducted this year for II and III year students.

Sr no	Event	Coordinator	Date	Winners
1.	Electronic logo quiz	Mr Mahadeo.Narlawar	23 <sup>rd</sup> August,2017	1]EJ5G
				2]EJ5G
				3]IE5G
2.	Tech extempore	Mrs Neha.Mulchandani.	14 <sup>th</sup> September,2017	1]ET3G
				2]IE5G
				3]ET5G
3.	Technical poster making	Mr. Brajesh Dubey	Scheduled at end of Jan,2018	
4.	<i>Toma-de circuit</i>	Mrs Vaishali.Rajeshirke	Scheduled at end of Feb,2018	

Our final year project are nominated for ISTE NARSEE-MONJEE AWARD every year and we are also the recipient of it every year.

This year Electronics and Telecommunication III year students :(Tushar Patil, Pritesh Mahajan,Shashank Lokhande,Mayur Mokal) have won third prize **For The Best Project Work Done By Polytechnic Students** for the project “ **Smart Use of NFC**”.

ISTE department coordinator : Mr Mahadeo Narlawar[IE], Mrs Vaishali.Rajeshirke[EQ], Mrs Neha Mulchandani [ET]and Mr. Brajesh Dubey [EJ] guide the students for conduct of program.

Technical Professional Society,Indian Society for Technical Education (ISTE)  
at VES Polytechnic

Vidya S.Lunge

ISTE Student Faculty Advisor

## **14. VESPAA -Alumni Day**

Alumni Function started with great enthusiasm in the evening at 6 pm at VES Polytechnic Building with thumping crowd of 550 plus Alumni students. This is the first time in history of VESP when more than 500 students have attended the function. It was inaugurated by VESPAA Committee members Shri Bhadresh Shah (President) Shri Raj Lochani (Joint Secretary), Shri Himanshu Desai(Treasurer),Shri Vikrant joshi (Principal VESP) Shri Avinash Dangwani (VESPAA member), Shri Tejas Shah ( VESPAA Member) by lightning lamp and Saraswati Pooja.

All VESPAA board members were invited on stage & they were introduced to Ex Alumni and college staff. VESPAA President & Joint Secretary had motivated students to join VESPAA trust with their inspirational speech. Glimpses of 2017 VESPAA Activities were given by Jt Secretary Shri Raj Lochani. VESPAA Board has announced the names of two candidates for “Achievers Award”. Achiever names are as listed below.

1. Mr Sachin Sawant Year 2000 Instrumentation Pass out, Currently holding Joint Commissioner post of Enforcement Directorate (ED) Mumbai.
2. Mr. Gaurang Shetty Year 2007 Industrial Electronics Pass out. He had established Startup India cell in Somaiya engineering college and currently also working as content developer for Facebook Mumbai branch.

VESPAA First Governing body has completed their three years Term in 2017. Mr. Bhadresh Shah Chairman & Mr. Raj Lochani Joint Secretary were requested to retain their post for another three years. New Nominations were invited for six post in VESPAA, out of which four were received whose details are given below.

1. Mr. Abhay Valsangar 2012 Batch

2. Mr. Puneet Singh Anand 2012 Batch
3. Mr. Krupalu Mehta 2012 Batch
4. Miss Shazmeen Shaikh 2016 Batch

Joint Secretary Mr. Raj Lochani have taken opportunity to inform everybody that many senior members have confirmed their willingness to help young lot with their wisdom & we shall look forward to their cooperation through activities like career guidance or specific technical inputs like orientation programs or workshops for the students.

The Function Concluded with Cultural Entertainment programme for staff and students followed by Dinner organized at VES Polytechnic College premises.



## Lamp Lighting, Saraswati Pooja & Inauguration of Alumni Meet 2017



**Registration**



**Team of newly elected committee Members**





## 16. Sphurti 2017

**“The pain you feel today is the strength you feel tomorrow”**

Sports are a form of competitive physical activity played by the people through casual or organized participation. It helps everyone to improve and maintain physical ability and skills. It is a way of entertainment to the participants. Sports are generally played as a contest between two competitive sides with attempt to exceed other. There are various types of sports and games, those which can be played outside the door named as outdoor games whereas those which can be played inside the door named as indoor games. After a year long gyming of brain, it's time for our body to show its strength, vigour and vitality. “Sphurti” is the annual sports week started with a goal to inculcate the different traits and activities for students

“Sports” is indeed very much important for each and every student as “All work and no play make jack a dull boy”. The event “Sphurti” is conducted for students to show high spirit to inculcate activeness and

students to show their skills and experience to clinch the sphurti trophy for their class.

**Faculty coordinators :** 1) Mr. Manish Deshmukh 2) Mrs. Vidya Harpude 3) Mr. Brajesh Dubey 4) Miss. Tanvi Shirale





### **Player of the Sphurti:**

Komal Mangesh Bacche second year of electronics and communication branch bagged the player of the sphurti award 2017 with her outstanding performance

### **Achievement:**

100m 1<sup>st</sup>, 400m 1<sup>st</sup>, Cricket 3rd, dodgeball 1st, T.O.W 1<sup>st</sup>, Kho-kho 1<sup>st</sup>.

Raj Mahendra kadu (BOYS) (3<sup>rd</sup> year IS)

### **Achievement:**

200m 1<sup>st</sup>, kabaddi 2<sup>nd</sup>, Cricket 1<sup>st</sup>, Volleyball 1<sup>st</sup>, Football 2<sup>nd</sup>.

### **INDOORS GAME WINNERS (GIRLS)**

**Carrom (singles)**

<b>Branch</b>	<b>Position</b>	<b>Name</b>	<b>Year</b>
ET	1 <sup>st</sup>	Bharti Eralla	3 <sup>rd</sup> year
CO	2 <sup>nd</sup>	Gayatri Ahire	2 <sup>nd</sup> year
ET	3 <sup>rd</sup>	Rutuja Deshmukh	1 <sup>st</sup> year

### **Carrom (doubles)**

<b>Branch</b>	<b>Position</b>	<b>Name</b>	<b>Year</b>
CM	1 <sup>st</sup>	Anmol & Shweta	2 <sup>nd</sup> year
ET	2 <sup>nd</sup>	Rutuja & Archana	1 <sup>st</sup> year
CM	3 <sup>rd</sup>	Preshita & Archana	3 <sup>rd</sup> year

### **Badminton (singles)**

<b>Branch</b>	<b>Position</b>	<b>Name</b>	<b>Year</b>
IS	1 <sup>st</sup>	Tulika Patel	3 <sup>rd</sup> year

ET	2 <sup>nd</sup>	Roshni Kothari	1 <sup>st</sup> year
ET	3 <sup>rd</sup>	Shreya Deorukhar	2 <sup>nd</sup> year

### **Badminton (doubles)**

<b>Branch</b>	<b>Position</b>	<b>Name</b>	<b>Year</b>
IS	1 <sup>st</sup>	Tulika Patel & Deepali Patil	3 <sup>rd</sup> year
CO	2 <sup>nd</sup>	Dharita Desai & Shikha Masurkar	2 <sup>nd</sup> year
ET	3 <sup>rd</sup>	Roshni Kothari & Rutuja Deshmukh	1 <sup>st</sup> year

### Table Tennis (Singles)

Branch	Position	Name	Year
CO	1 <sup>st</sup>	Dharita Desai	2 <sup>nd</sup> year
EJ	2 <sup>nd</sup>	Pooja Chavan	3 <sup>rd</sup> year
CO	3 <sup>rd</sup>	Isha	1 <sup>st</sup> year

### Table Tennis (doubles)

Branch	Position	Name	Year
EJ	1 <sup>st</sup>	Pooja Chavan & Prajakta Wavle	3 <sup>rd</sup> year
CO	2 <sup>nd</sup>	Dharita Desai & Shika Masurkar	2 <sup>nd</sup> year
CO	3 <sup>rd</sup>	Isha & Saithi	1 <sup>st</sup> year

## Chess

Branch	Position	Name	Year
CO	1 <sup>st</sup>	Pratiksha Pohakar	3 <sup>rd</sup> year
IS	2 <sup>nd</sup>	Reshma Dhende	1 <sup>st</sup> year
CM	3 <sup>rd</sup>	Anmol Valecha	2 <sup>nd</sup> year

## OUTDOORS GAME WINNERS

### CRICKET

1<sup>st</sup> place (IS)

2<sup>nd</sup> Place(CM)

3<sup>rd</sup> place(ET)

### Rink Football

1<sup>st</sup> place (IS)

2<sup>nd</sup>Place (CM)

3<sup>rd</sup> Place (EQ)

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3<sup>rd</sup> place(ET)

### Throwball

**1<sup>st</sup> place (IS)**

**2<sup>nd</sup>Place (CM)**

**3<sup>rd</sup> place(EJ)**

**3<sup>rd</sup> place(ET)**

### **Tug-O-War**

**1<sup>st</sup> place (ET)**

**2<sup>nd</sup>Place (EJ)**

**3<sup>rd</sup> place(EQ)**

### **Kho-Kho**

**1<sup>st</sup> place (ET)**

**2<sup>nd</sup>Place (CO)**

**3<sup>rd</sup> place (EJ)**

### **-DODGEBALL**

**1<sup>st</sup> place (ET)**

**2<sup>nd</sup>Place(IS)**

**3<sup>rd</sup> place(CO)**

### **Athletics**

<b>100m</b>	<b>200m</b>	<b>400m</b>
Komal Bacche(ET)	Deepali Patil(IS)	Komal Bacche(ET)
Deepali Patil(IS)	Shruti Gaikwad(CM)	Yogini Shelar(IS)
Yogini Shelar(IS)	Yogini Shelar(IS)	Shruti Gaikwad(CM)

## Long Jump

<b>Position</b>	<b>Branch</b>	<b>Name</b>
1 <sup>st</sup>	IS	Deepali Patil
2 <sup>nd</sup>	ET	Saloni Thale
3 <sup>rd</sup>	EJ ET	Supriya Bhivsane Snehal Kaldate

## Sphurti Winners

### INDOORS (Boys) Carrom (singles)

Branch	Position	Name	Year
ET	1 <sup>st</sup>	Yetam	3 <sup>rd</sup> year
ET	2 <sup>nd</sup>	Manthan	2 <sup>nd</sup> year
EJ	3 <sup>rd</sup>	Aniket	1 <sup>st</sup> year

### Carrom (doubles)

Branch	Position	Name	Year
EQ	1 <sup>st</sup>	Bandu Borkhde & Saroj Bansode	3 <sup>rd</sup> year
ET	2 <sup>nd</sup>	Hrushikesh & Sunil	1 <sup>st</sup> year
IE	3 <sup>rd</sup>	Tarun & Ganesh	2 <sup>nd</sup> year

## Badminton (singles)

Branch	Position	Name	Year
CO	1 <sup>st</sup>	Arjun Parmani	3 <sup>rd</sup> year
CM	2 <sup>nd</sup>	Sujay Anerao	2 <sup>nd</sup> year
CM	3 <sup>rd</sup>	Shubh Kotahri	1 <sup>st</sup> year





## 17 . Guest Lecture





## 18. Staff and Student Activity

CM Department							
Staff Activities(2017-18) Even Sem							
Training Attended							
Sr. No	Name of Staff	Title of Program	Organized by	Address	Duration	Starting Date	Ending Date

1	Mr. Sanjay Wankhade	Entrepreneurship Development Program on Digital Marketing	National Institute Of Entrepreneurship and small Business Development	Mumbai	2 Days	12-08-2017	13-08-2017
2	Mrs Meena Talele	Industrial Training at TCS(Big Data Ecosystem)	MSBTE -TATA Consultancy Services	TCS, Thane(west)	2 Days	22.8.17	23.8.17
3	Mrs. Anuradha Bhatia	Workshop conducted on Big Data Research and Methodologies for social Media, communication & Journalism	National Communication Association Asia Regional Conference	S. N.D.T Women's University Juhu Campus Mumbai	3 Days	14-12-17	16-12-17
4	Mrs. Jaishree Anerao	Content Updating Program (Outcome Based Education)	MSBTE sponsored Training Program	VES Polytechnic	5 Days	18-12-17	22-12-17

Sr. No	Classes	Name of Students	Event	Title of Event	Duration	Starting Date	Ending Date	Organized By	Prize if any
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01	CM5G	Koli Ajay, Sharma Priyesh, Malvani Hrithik, Kale Annirudha	RELISPRAY CHAMPIONS	Kabaddi competition	1 Day	21-8-17	21-8-17	VESIM , Chembur	Participation
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## IE Department

### Staff Activities(2017-18) Odd Sem

Sr. No	Name of Staff	Title of Program	Organized by	Address	Duration	Date	
1	Mahadeo N	Talk on know the knack of writing research grants	VES College of pharmacy	VES College of pharmacy	1 DAY	13.9.17	13.9.17
2	Mrs.Alka P	Personality development	"Thakur Polytechnic Kandiwali(E)"	"Thakur Polytechnic Kandiwali(E)"	one day	21.9.17	21.9.17

#### Training Organized

Sr. NO	Title	Sponsored by	Number of Participants	Duration	Date	
1	Pcb designing ,manufacturing & AURDUINO Programming	V.E.S. Polytechnic (IE Programme)	40	2 days	20/9/17	21/9/17

**STUDENT  
ACTIVITY**

Sr. No	Class	Name of Students	Event	Duration	Starting Date	Ending Date	Organized By
1	IE5G	vraj dharia , samarth jogadia, gaurav chaudhari	quiz competition	1 day	19/8/17	19/8/17	shah and anchor kutchi polytechnic
2	IE5G	SHREEYA SHETTY & HARSHAL SAWANT	Technical quiz	one day	16/9/17	16/9/17	shah & anchor polytechnic
3	IE5G	Prashant singh rawat , nikhil d more	Technical quiz and circuit assembly	One day	16/9/17	16/9/17	Shah and anchor kutchi engineering college
4	IE5G	Priya chile ,Pratik.K	technical poster presentation	One day	16/9/17	16/12/17	Shah and anchor kutchi engineering college
5	IE5G	Shyam Munankar, Gaurav Chaudhari	Quiz competition	one day	16/9/17	16/9/17	Saboo siddik polytechnic

**EQ (Student)**

Name of Student	Sem	Event name	Organized by	Prize
Dipesh Varve	5 <sup>th</sup>	Best Out of Waste	SAKP,Chembur	2nd
Ashwini Avhad	5 <sup>th</sup>	Best Out of Waste	SAKP,Chembur	2nd

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**(EQ) Staff**

**Training Attended by staff**

<b>Sr.No</b>	<b>Name of the staff</b>	<b>Name of workshop</b>	<b>Organized by</b>	<b>Venue</b>	<b>Date</b>
<b>1</b>	<b>Vidya Lunge</b>	<b>Workshop for Desig &amp; Development of Lab Manual &amp; Sample Question Papers for 2<sup>nd</sup> Semester (Group B) Programmes &amp; Applied Science Courses.</b>	<b>NITTR</b>	<b>Pune</b>	<b>3/7/2017 to 7/07/2017 { 1week}</b>
<b>2</b>	<b>Vaishali eshirke</b>	<b>Basic Course on Automation</b>	<b>MSBTE</b>	<b>Siemens, Kalwa</b>	<b>24/07/2017 to 28/07/2017 {1week}</b>
<b>3</b>	<b>Sangita Bhoyar</b>	<b>Basic Course on Automation</b>	<b>MSBTE</b>	<b>Siemens, Kalwa</b>	<b>24/07/2017 to 28/07/2017 {1week}</b>
<b>4</b>	<b>Vidya Lunge</b>	<b>Workshop for Finalization of Lab Manual &amp; Sample Question Papers for 2<sup>nd</sup> Semester (Group B) Programmes.</b>	<b>NITTR</b>	<b>Pune</b>	<b>04/09/2017 to 08/09/2017</b>

5	Vidya Lunge	Workshop On Funding Channels For Academic Entrepreneurs, Business Aspects For Technopreneurs And Success Stories”	Birac Regional Innovation Centre (Bric), Ikp Hyderabad, In Collaboration With Vivekanand Education Society (VES)	VES College of Pharmacy	2/12/2017
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### Computer Engineering

Class	Batch	Name of Company	Company Address	Staff In charge Name	Industrial Visit Date	Objective
CO5G	Full Class	"Science Express Climate Action Special" Exhibition Train	Mumbai CST	Mrs .Pratibha Pednekar and Mr. Dashrath Kale	19/7/17	To learn latest trends in technology.

Class	Topic	Name of Expert	Designation	Organization Name	Organization Address	Under	Concerned Subject Faculty	Date
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CO5G	Direct Second Year Admission Procedure	Mr.Avinash Dangwani	V.E.S.P.A.A Member	V.E.S.P.A.A	V.E.S.P.A.A Mumbai	V.E.S.P.A.A	Asavari Salve	20/6/17
CO5G	How One Thoughts Can Open Up Multiple Options for My Engineering Courses	Mr. Rahul Gala, Mr. Shenoy, Shri Preman and Shenoy	Entrepreneur	LAKSHYA ACADEMY	Laksh Organisation, Mumbai	EDE	BHAGYASHREE HOTWANI	30/6/17
CO5G	INSPIRING MINDS	Mr.Ritesh Shah	Organisation Member	ROBOKART	ROBOKART, Mumbai	EDE	BHAGYASHREE HOTWANI	6/7/2017
CO5G	MVC Web Designing	Mr.Gaurav Vaswani	Chief Training Officer	ICOM India	Khar Road, Mumbai	PP	Mrs.Pratibha P. and Mr. Dashrath Kale	14/7/17
CO3G	Bindass Bol	Abhay Valsankar	Founder & Corporate Trainer	Alter ego learning LLP	306-B, Tulip Maitri Gardens Pokhran Road 2 Thane West 400060 1	PP	Asavari Salve, Dashrath kale	16/9/17
CO5G	Entrepreneurship-A Process to the Journey	Mr.Vishal Vivek Bhortakay	Co-Founder Technobytes Software Solution	Technobytes Software Solution	304/B-wing, near Poonam Tower, sector-16A, Nerul West	PP	Pratibha Pednekar, Dashrath Kale	16/9/17



Sr. No	Name of Staff	Tittle of Program	Organized by	Address	Duratio n	Date	
						Starting Date	Ending Date
1	Asavari Salve	FDP on linux hands on with security	Dilkap Research Institute of Engg and management	Neral	3 Days	6.7.17	8.7.17
2	Mrs.Pratibha S. Pednekar	Industrial Training CS(Big Data Ecosystem)	MSBTE -TATA Consultancy Services	TCS, Thane(west)	2days	22.8.17	23.8.17
3	Tanvi Shirale	Seminar-"Know the of Writing Research Grants"	VES College of Pharmacy	Chembur, Mumbai	1 Day	13.9.17	13.9.17

**STAFF ACTIVITY EJ**

<b>Sr. No.</b>	<b>Name</b>	<b>Title of program</b>	<b>Organization</b>	<b>Duration (form-to)</b>
1	PRAJAKT A K.	Industrial training program	Siemens	27/2/2017 to 3/3/2017
2	NIKHIL S.	Electronic Sector Skill Council Mobile Phone Hardware Repair Technician	Gov Polytechnic for Distance Learning, Pune	20/03/2017 to 27/03/2017
3	TEJAS S.	Electronic Sector Skill Council Mobile Phone Hardware Repair Technician	Gov Polytechnic for Distance Learning, Pune	20/03/2017 to 27/03/2017
4	JEENAL R.	Practicle Approches to Wireless Communication	K.J.Somaiya	29/5/2017 to 2/6/2017
5	SNEHA NAIR	DCS Switching	D Link India Ltd.	8/3/2017 to 10/3/2017
6	SNEHA NAIR	Railway Training	Railway	2/05/2017 to 8/05/2017
7	PRAJAKT A L.	Railway Training	Railway	15/05/2017 to 20/05/2017
8	NIKHIL S.	Industrial training	Thermal power plant, Dahanu	12/9/2017 to 14/9/2017
9	PRAJAKT A K.	Industrial training	Thermal power plant, Dahanu	12/9/2017 to 14/9/2017
10	SNEHA NAIR	Industrial training	RCF	11/10/2017 to 13/10/2017

**Student activity (EJ)**

No.	Name of Student	Event	Title of project / title of paper	Organized by	LASS	Participated	Title of event	Duration	Starting Date	Ending Date
17	CHAVAN POOJA CAVAN SHRIYA SUFIA AYAZ GERA SANJU WAVLE PRAJAKTA SAWANT ABHISHEK	TECHNICAL QUIZ	NA	AGNEL POLYTECHNIC, WASHI, NAVI MUMBAI	EJ5G	Participated	ECHNOCRATZ 2017	ONE DAY	5/09/2017	5/09/2017
27	RAJVEERSINGH KAUSHAL CHAVAN SHRIYA POOJA CHAVAN SHUBHAM RAUT PARTH SAWANT VAIDEHI MANE PRAJAKTA WAVLE HARSHADA JADHAV ASHWINI SHINGARE SNEHA JADHAV NAVIN DEVARIA SARVESH GAONKAR SUMIT PALAMPULA	Technical paper presentation		UNIVERSAL COLLEGE OF ENGINEERING	EJ5G	Participated	National level technical paper presentation	ONE DAY	5/10/2017	5/10/2017
28	VAIDEHI MANE PRAJAKTA WAVLE	Technical paper presentation		UNIVERSAL COLLEGE OF ENGINEERING	EJ5G	runner up	h National level technical paper presentation	ONE DAY	5/10/2017	5/10/2017

Sr. No.	Name of Student	Event	Title of project / title of the paper	Organized by	LASS	Participated	Title of event	Duration	Starting Date	Ending Date
17	CHAVAN POOJA CAVAN SHRIYA SUFIA AYAZ GERA SANJU WAVLE PRAJAKTA SAWANT ABHISHEK	TECHNICAL QUIZ	NA	AGNEL POLYTECHNIC, WASHI, NAVI MUMBAI	EJ5G	Participated	ECHNOCRATZ 2017	ONE DAY	5/09/2017	5/09/2017
27	RAJVEERSINGH KAUSHAL CHAVAN SHRIYA POOJA CHAVAN SHUBHAM RAUT PARTH SAWANT VAIDEHI MANE PRAJAKTA WAVLE HARSHADA JADHAV ASHWINI SHINGARE SNEHA JADHAV NAVIN DEVARIA SARVESH GAONKAR SUMIT PALAMPULA	Technical paper presentation		UNIVERSAL COLLEGE OF ENGINEERING	EJ5G	Participated	National level technical paper presentation	ONE DAY	5/10/2017	5/10/2017

28	VAIDEHI MANE PRAJAKTA WAVLE	Technical paper presentation		UNIVERSAL COLLEGE OF ENGINEERING	EJ5G	runner up	h National level technical paper presentation	NE DAY	5/10/2017	5/10/2017
29	NAVIN DEVARIA SARVESH GAONKAR SUMIT PALAMPULA	Technical paper presentation	HOT OLAR CELL	UNIVERSAL COLLEGE OF ENGINEERING	EJ5G	runner up	h National level technical paper presentation	NE DAY	5/10/2017	5/10/2017

### Staff activity ET

Sr. No.	Name	Title of program	Organization	Duration (form-to)
1	Deena Shah	STTP On outcome based education system of NBA & SAR writing techniques (Guest speaker)	Agnel Polytechnic	27/1/2017
2	Sheetal Kokate	Industrial Training	Siemens, KALWA	27/02/2017 to 3/03/2017
		Industrial Training	Institute of satellite telecom,Pune	9/8/2017 to 11/8/2017
3	Priyanka Shinde	Outcome Based Education	VESP	2/1/2017 to 6/1/2017
		Industrial Training Program	Reliance Infra LTD. Dahanu	21/03/2017 to 23/03/2017
4	Ashish kanojiya	Industrial Training	Institute of satellite telecom,Pune	9/8/2017 to 11/8/2017



**FDTP organizing team and participants**



**Bhavesh Karhade Asst. Secretary MSBTE addressing gathering at FDTP workshop**



**Lab Visit of Summer workshop participants**



**Robotic competition at Summer workshop under Prabodhan**

## **Best Project Abstract**

### **Computer Technology**

English as stated by Timothy J. Scrase “is not only important in getting a better job, it is everywhere in social interaction. If you can’t speak it then, you are nobody”. This view makes it clear that English occupies a place of prestige in our country. People belonging not only to a different language groups but also to the same speech community make use of English in their interpersonal communication. Such is the demand for learning this language that a variety of English coaching centers in private-tuition shops, English-medium schools which are mushrooming in a large numbers and are easy to spot almost everywhere in our country, even after independence, clearly indicate the respectable position. This language enjoys in the minds of the Democratic Indians. In spite of understanding the importance of this language, a large percentage of people not conversant with the use of written and spoken English. The English tutor would provide learning

facilities and improvement skills for such peoples. This software after testing and evaluating the user would help in development of the writing and communicating skills to the need and desire of every individual by providing learning modules, references and suggestions. The feedback mechanism will help us to improve and enhance the performance of this software E.N.G.L.I.S.H. tutor will basically help the user to analyze his or her skills in the field of English language. On the other hand, user who provide the features of being an expert/trainer in/for the subject will be suggesting the developer to enhance the content of the application and can upload for the same.

## **Industrial Electronics Engineering**

### **PHASE MEASUREMENT USING MICROCONTROLLER**

#### **Abstract**

This topic that is phase measurement using microcontroller tells that after generation of square wave, it calculates the code and how it measures the phase difference between two phases after square wave generation. The purpose and future use of obtaining the phase measurement is used in smart energy metering process. IC 89V51RD2, its development board and Arduino Uno kit is used in this

project. For phase shifting purpose of square waves obtained interfacing between development board and Arduino Uno kit is used. We have also done component testing by using two zero crossing detector for generation of square waves. Coding should be done in such a way that which phase is leading or which phase is lagging will be captured and displayed on flash magic terminals after circuit building or interfacing when we develop a program into keil software .The main aim or future use in this project is that when we use electrical devices such as light, fan etc. phase difference is there because these appliances which acts as a load and this load may be inductive or capacitive so the voltage and current will not be in phase. In capacitor voltage lags current leads and in inductor voltage leads and current lags is the main concept.

## **Instrumentation Engineering**

Project Title: PLC Based Elevator

Group Guide: Kalpesh Sir

This paper explains about an elevators operation which uses a AC motor to drive the elevator cabin. The elevator mentioned here is fully automated using PLC. Its control is based on the input that we get from the operator as well as from the sensors. According to that signal PLC will make the drive motor and door motor to work correspondingly.

Sr. No.	Student Name	Requirement
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1	Dinesh C	PLC,PC,Power supply and extension board.
2	Rutuja K	
3	Renuka B	
4	Harshada B	

### **Electronics and communication Engineering**

**Project Title: Intelligent Features in Railway using IC 8051**

**Group Guide: Mrs.Sheetal Kokate & Mrs. Neha Mulchandani**

Abstract :

One thing is certain; the railways are playing a more and more important role in the transfer of people and goods. All over the world measures are taken to improve railway traffic in respect to safety and Flexibility. One step towards this goal is the implementation of interlocking. Misinterpretations of signal aspects by the locomotive driver and false reactions due to bad visibility because of rain, snow, fog or the smoke in the tunnel and the incapacity of the driver can lead to endanger human life

and goods. Automatic Warning System, therefore, can be considered as an essential link within the chain of safety provision. And as Indian Railways has 7,500 stations which consume so much fossil fuel and electricity. So to reduce this consumption of fossil fuel and electricity we had taken one step towards it and implemented a small model. The Eco-Friendly Railway project consists of solar panel, piezoelectric plate, windmill, rotor and auxiliary warning system. In Eco-Friendly Railway project solar panel, windmill and rotor stores power in battery and use it later when it require.

**Team Members -**

Patil Mohini, Jadhav Kadambari, Shaikh Liyakat Mohamad

Lad Saurabh, Sale Shubham, Prajapati Vijay, Pandey Vivekananda, Gupta Sumit

Electronics and communication technology  
Vehicle Tracking Device using GPS and GSM  
(Nikhil Dugaokar, Ashwini Waghmare, Ankita Pawar, Taksham Jiwane)  
EQ6G  
AY-2016-2017

**Abstract**

This Project presents an automotive localization system using GPS and GSM-SMS services. The system permits localization of the automobile and transmitting the position to the owner on his mobile phone as a short message (SMS) at his request. In this Project it is proposed to design an embedded system which is used for tracking and positioning of any vehicle by using Global Positioning System (GPS) and Global system for mobile communication (GSM).

**Block Diagram**

Microcontroller (PIC16FXXX) : The various functions of microcontroller are like I. received GPS data from GPS and Decoding /Display GPS data, sending and receiving SMS via GSM modem, Controlled the relay and buzzer, store mobile

number from receiving SMS and display the all information of various function on 16 x 2 LCD Display.

GPS and GSM Module Interface (RS232) : The communication between the micro controller and the GPS receiver and GSM Module requires an RS-232 interface which serves to convert the CMOS TTL output voltage of the microcontroller (0-5 volt) into a voltage of +/- 12 volt. The converter uses the MAX232 (U3) converter IC. The connection of MAX232 to the GPS and GSM uses the RS232 data cable.

Buzzer: A 12V buzzer is connected to port RD.6 (29) of the microcontroller through a driver transistor (Q1). The buzzer requires 12 volts at a current of around 100 ma, which can not provided by the microcontroller. So the driver transistor is added. The relay is used to audible alarm indication. Normally the buzzer remains off. As soon as pin of the micro controller goes high, the buzzer operates.

#### RELAY INTERFACE

A single pole dabble throw (SPDT) relay is connected to port RD7 (30) of the microcontroller through a driver transistor (Q2). The relay requires 12 volts at a current of around 100 ma, which can not provided by the microcontroller. So the driver transistor is added. The relay is used to operate vehicle ignition, external siren, electronic lock, CCTV camera, strobe light or any other electrical device ETC. Normally the relay remains off. As soon as pin of the micro controller goes high, the relay operates. When the relay operates and releases. Diode D1 is the standard diode on a mechanical relay to prevent back EMF from damaging Q2 when the relay releases. LED L1 indicates relay is operated. LED has a current limiting resistor in series. The LED / resistor combination is simply in parallel with the relay.

#### Applications:

School transport tracking: “Vehicle Tracking System” can be used in school bus for Safety of children.

The Project can be used for tracking of cabs or cars of companies.

## **Computer Engineering**

### **SMART ENERGY METER**

#### **ABSTRACT**

The aim of the project is to minimize the queue at the electricity billing counters and to restrict the message of electricity automatically, if the bill is not paid. The project also aims at proposing a system that will reduce the loss of power and revenue due to power thefts and other illegal activities. The work system adopts a

totally new concept of “Prepaid Electricity”. The GSM technology is needed so that the consumer would receive messages about the consumption of power (in watts)OR Email will be send to the consumer about the consumption of power.. This technology holds good for all electricity distribution companies, private communities, IT parks and self-containing home projects. The implementation of this project will help in better energy management, conservation of energy and also in doing away with the unnecessary hassles over incorrect billing. The automated billing system will keep track of the real time consumption and will leave little scope for disagreement on consumption and billing.

Group Members:-

- Ayush Suri
- Forum Shah

Guide Name:-

- Mr.Avinash Dangwani
- Mrs.Aarti Mahajan

## **Electronics and Telecommunication**

### **Smart Use of NFC**

NFC stands for “Near Field Communication” and, as the name implies, it enables short range communication between compatible devices. This requires at least one transmitting device, and another to receive the signal. A range of devices can use the NFC standard and can be considered either passive or active, depending on how the device works. The NFC technology has been developing at a great pace with a large number of applications. Some of the applications that are being used in this project are: NFC Door Unlock System, Smart Poster, Tap to educate and NFC enabled Business card. NFC smart posters are items embedded or affixed with an NFC inlay which allow for easy communication and transfer of data. Whenever an individual places their NFC device near the smart poster, the NFC tag will transfer data and/or launch a task on the device. Typically, NFC smart posters are used in advertisements. Conventional Advertisements only have visuals of the product which would fade out or become illegible due to natural factors. These advertisements weren't able to convey required details. Use of NFC (Near Field Communication) technology could solve it. Typically, NFC smart posters are used in advertisements such as magazine advertisements, fliers, billboards, and other physical mediums. NFC smart posters are favoured over many other digital forms of communication because NFC technology is typically a native feature of the consumer's mobile device. Since it's a native feature, no special applications are needed to initiate the communication between NFC tags and devices; they simply require close proximity. On the other hand, QR codes require special applications to initiate any interactions. NFC Access Control

System is basically an unlocking system where a NFC enabled tag or smartphone can be used to unlock the door or any other locks where NFC is compatible. It is simple process where we just need to tap on the NFC enabled lock for unlocking the door. The door unlocking system uses an electronic mechanism, so the device requires 24 hours power supply to work where in case of power supply failure, a battery backup can be used. The lock needs to be synchronized with the smartphone or tag which is to be used for unlocking, so that no other device can be used to open the lock. This application makes the door unlocking an easy task where the person just needs to have his smartphone and not carry a bunch of keys as this system can be used everywhere there is a lock like a drawer, safe,etc. Tap to learn is an application which can be used in colleges, workplaces or any other relevant place for getting information or study material in the digital form rather than having a hard copy which can become tiresome to manage after a certain time. It can be anything from getting timetables, schedules, notices which would require to set a reminder where smartphone is best for handling such tasks. NFC enabled business cards are simply business cards embedded with a NFC tag which is a passive device and has certain memory to store data. These business cards would contain all the contact information, designation, etc. of the individual. So in this application also, just by tapping the smartphone over the card would read the data from it and save it on the smartphone for further use.

<b>Sr. No.</b>	<b>Student Name</b>
1	Tushar Patil
2	Pritesh Mahajan
3	Shashank Lokhande
4	Mayur Mokal



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