DEPARTMENT OF APPLIED SCIENCES & HUMANITIES

The Department of Applied Sciences and Humanities was instituted in the year 1992 and ever since, the First Year Engineering is under its control.

Being an integral part of VCET, Department of Applied Sciences and Humanities makes sure that a highly efficient and quality education is imparted to all the future engineers. The first year engineering students are just like raw clay which needs to be moulded and shaped properly in order to be transformed into something worth admiring.

DEPARTMENTAL ACTIVITIES

A. Faculty activities
   - Professor Vaishali Dhuri who headed the task of being Library in charge of the college will still be continuing with her excellent work.
   - Professor Pradip Gulbhire will still be acting as the Staff in charge of the Magazine Committee.

B. Parents’ Meeting
   Every academic year the department organizes "Parents' Meeting" to help students and their family members to understand various nuances of engineering studies. Along with the Principal, we clear queries and doubts posed by parents. We also bring awareness of various important University rules and regulations. We emphasize on how co-curricular activities are equally important by giving important information about various committees.

C. Students’ activities
   The success of any curricular, co-curricular or extra-curricular relies on the efforts put in by its volunteers. These volunteers were none other than our own first year students who ensured that the tasks given to them were carried out systematically. As with the organization, FE students have whole heartedly participated in a range of activities which include sports, literary events and cultural events and have won laurels as mentioned below.

STUDENTS’ ACHIEVEMENTS
   - Varun Partlikar, Gautam, Mithil, Mammon, Aman- 1st prize in Counter Strike.
   - Yashwant Yogi, Vishwas Tawade, Yash Marwah- 1st prize in FE quiz.
   - Yash Marwah, Vikas Tawde- 1st prize in Parliamentary Debate.
   - Sagar Sarawgi, Mihir Thakur- 2nd prize in cricket quiz.
   - Sanket Samant- 2nd in Creative Story Writing (Marathi).
   - Sharayu Salunkhe- 2nd in Love Letter Writing (English).

ASH Department is the winner of prestigious ‘Bhausaheb Vartak Memorial Trophy’ for Faceoff 3.0!

Winning team MEMBERS
   - Vikesh Morye
   - Yash Gor
   - Malhar Joshi

ACADEMICTOPPERS OF FE FOR THE YEAR 2013-14

<table>
<thead>
<tr>
<th>SR.NO.</th>
<th>NAME</th>
<th>GRADE POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rajkumar Vishwasrao</td>
<td>9.19</td>
</tr>
<tr>
<td>2</td>
<td>Yashwant Yogi</td>
<td>9.52</td>
</tr>
<tr>
<td>3</td>
<td>Shashank Hegde</td>
<td>9.19</td>
</tr>
</tbody>
</table>

Prof. Pranali Sapre
H.O.D.
ASH Dept.
DEPARTMENT OF INSTRUMENTATION ENGINEERING

It gives me great pleasure to present the annual report of Department of Instrumentation Engineering for the year 2013-14. This has been a very successful year for the department. Various activities & achievements of the department are summarized below:

Seminars & Workshops:

- Prof. Supriya Bhurun & Prof. Vidya Patil attended a two week AICTE approved FDP on "Advanced Power Electronics and Drives" at Walchun College of Engineering, Sangli.

Paper Publications:


- Prof. Prafulla Patil published a paper on "Designing PID Controller using Labview for Controlling Fluid Level in Vessel" in the IJERA.

- Prof. Radhika Nayak published a paper on "Reduction in computational complexity-A Face Recognition case study" in the IJARCCE.

- Prof. Radhika Nayak published a paper on "Computational Complexity of component based-development of embedded systems" at the Multicon Conference.

Achievements:

SPORTS
1) Carrom
- Sneha Salvi & Pravara Lolayekar (TE)
  1st Prize
  Girls Doubles

- Dakshesh Katelia (TE)
  1st Prize
  Boys Singles

- Shreyas Choudhary (TE)
  2nd Prize
  Boys Singles

- Shreyas Choudhary & Dakshesh Katelia (TE)
  2nd Prize
  Boys Doubles

- Pravara Lolayekar & Shreyas Choudhary (TE)
  1st Prize
  Mix Doubles

2) Chess
- Aniket Yeragi (BE)
  2nd Prize
  Singles

- BIE Instrumentation
  2nd Prize
  Group Event

3) Badminton
- Malhar Mohite, Siddhesh Nayak & Swaraj Shenoy (TE)
  2nd Prize
4) **Volleyball**
   - **BE Instrumentation Team**
     1st Prize
   - **Departmental Volleyball Team**
     1st Prize

5) **Table Tennis**
   - **Jay Jani (TE)**
     1st Prize
     Boys Singles
   - **Jay Jani & Sarvesh Dahibhavkar (TE)**
     1st Prize
     Boys Doubles
   - **Abhilash Kondodi & Vimal Shah (BE)**
     2nd Prize
     Boys Doubles
   - **Jay Jani & Preeti (TE)**
     1st Prize
     Mixed Doubles
   - **Jay Jani & Sarvesh Dahibhavkar (TE)**
     2nd Prize
     Boys Doubles at SPIT College
   - **Jay Jani & Sarvesh Dahibhavkar (TE)**
     1st Prize
     Boys Doubles at D.J.Sanghavi College
   - **Jay Jani & Sarvesh Dahibhavkar (TE)**
     Runners up
     Boys Doubles at L.S. Raheja College
   - **Jay Jani (TE)**
     2nd Prize
     Boys Singles at SPIT College
   - **Jay Jani & Kunal Burman (TE)**
     1st Prize
     Boys Doubles at Vartak College
   - **Jay Jani & Sarvesh Dahibhavkar (TE)**
     3rd Prize
     Boys Doubles at TSEC College

**TECHNICAL**

**Orion’13**

- **Swaraj Shenoy (TE)**
  Circuit Building 1st Prize
- **Ninad Bapat (BE)**
  Circuit Building 2nd Prize
- **Priyanka Kadam (BE)**
  Circuit Building 3rd Prize
- **Sayali Bilaye (BE)**
  AD Quiz 2nd Prize
- **Suyog Sathe (SE)**
  Robo Soccer 2nd Prize

**Robotics by Siddharth Nayak (BE)**

- ORION: Aqua Bot, Aqua Thrust, Robo Soccer, Accelerace, Monster Arena, Neon Racing, Drag Race, CS-Bots, Rescue Bot, F1 Racing: 1st Prize
- ISAAC (TSEC): Robo Soccer, Burn Out, Road Block: 1st Prize
- TECHITHON (Atharva College): Robo Wrestling, Robo Wars, Mud Race: 1st Prize
- Technovanza (VJTI): VJTI Robotics Challenge, Monster Arena: 1st Prize
- IIT-B Techfest: APEXO 1st Prize (Out Of 1000 Entries All Over India)
- RMaegadon (SGGSCOIT, Nanded): Robotics Challenge: 2nd Prize
- Perception (VIIT, Pune): Robo Fifa, Robo Task: 1st Prize & Robo Race: 2nd Prize
- TECHTOMIC (SIT, Pune): Sociobots: 1st Prize
- INNOVISION (RSCOE, Pune): Robo Pacman: 1st Prize & Robo Race: 2nd Prize
- TEXEPHYR (MIT, Pune): Robo Sumo, Robo Race 1st Prize & Robotics: 2nd Prize
- RADIANCE (IIT-B): Robo Sumo, Robo Soccer: 2nd Prize
- TRANSMISSIONS (XIE, Mahim): Robo Wars, Robo Race: 1st Prize & Robo Fifa: 2nd Prize
- IEEE 360 degrees (SNDT): Rover bot: 1st Prize
- Soul 2014 (Universal College): Robo Driving Skills: 1st Prize & Robo Race: 2nd Prize
CULTURAL

Zeal’14

• Vrushali Jawharkar (TE)
  2nd Prize
  Solo Singing

• Vrushali Jawharkar (TE)
  2nd Prize
  Duet Singing

• Vrushali Jawharkar & Laukik Desai (TE)
  2nd Runner's up
  Popular Vocals

• Sayali Bilaye
  2nd Prize
  Solo Dance:

• Sayali Bilaye & Priyanka Kadam (BE)
  1st Prize
  Duet Dancing

• Abhilash Kondodi (BE) & Aditya Mohan (TE)
  1st Prize
  Duet Dancing

• Darshana Masurkar & Nikita Ingole (BE)
  Runner's up
  Duet Dancing

• B.E. Instrumentation
  Winners
  Group Dancing

Orion 2013/Zeal 2014 Other Events

• Akshay Bendale (SE)
  1st Prize
  Neon Cricket (Orion)

• Akshay Bendale (SE)
  2nd Prize
  Neon Cricket (Zeal)

• SE Team
  2nd Prize
  Counter Strike (Zeal)

• Jitendra Shelar (SE)
  1st Prize
  Laser Tag (Zeal)

• Vishal Raut (SE)
  1st Prize
  Tattoo Designing (Orion)

• Sarvesh Dahibavkar (TE)
  2nd Prize
  Neon Table Tennis (Orion)

ACADEMIC TOPPERS

BE
1. Gunjan Naik (University Rank – 1) 83.40%
2. Adwait Thakur 73.80%
3. Jayesh Baldota 73.66%

TE
1. Tejas Bhandarkar 74.74%
2. Kiran Bombe 71.35%
3. Darshana Masurkar 71.11%

SE
1. Mitali Patil 75.23%
2. Priyanka Bane 70.58%
3. Tejas Trivedi 69.94%

PLACEMENTS

• ONGC
  Rajan Pawar

• TICB
  Aniket Yeragi

• TCS
  Tejas Bhandarkar, Priyanka Kadam & Aniket Yeragi
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

It gives me immense pleasure and satisfaction to present the report of the activities in EXTC Dept. for the academic year 2013-14.

Faculty & Staff:

- Dr. Vikas Gupta, HOD EXTC held the following posts:
  - Additional charge as Dean Academics, VCET. Session Chair for International Conference at TCET, Kandivali and National Conference in Viva College, Virar.
  - Co-Convenor of Technical Program Committee of Annual Technical Convention of IETE, India.
  - Convener of Orientation program for the subject 'Wave Theory & Propagation' Sem IV conducted at VCET on behalf of University of Mumbai.

- Honorary Treasurer in IETE Mumbai Center executive committee 2012-14.

- **Chapters in Edited Monographs:**

- Paper published & presented:
  - Total 5 papers were published / presented in International / National Conference / Journal by the faculty of EXTC Dept.

1. Dr. Vikas Gupta (01)
2. Prof. Amrita Ruperee (01)
3. Prof. Ashish Vannmali (01)
4. Prof. Ashwini Katkar (01)
5. Prof. Neha Gharat (01)
– Prof. Ashish Vanmali received Best Paper Award for paper "Predicting Growth of Urban Agglomerations through Fractal Analysis of Geo-Spatial Data" at 14th ESRI India User Conference 2013.

• Distinguished Reviewers:
  – Prof. Ashish Vanmali worked as a distinguished reviewer for the conferences IEEE INDICON 2013 held at IIT Bombay and for CSCITA 2014 held at SFIT, Mumbai.
  – Prof. Amrita Ruperee worked as a distinguished reviewer for the CSCITA 2014 held at SFIT, Mumbai.

• Higher Education:
  – Prof. Ashwini Katkar and Prof. Neha Gharat completed M.E. (Electronics & Telecommunication Engineering) with Distinction from University of Mumbai.

Placement Record

• TCS 14
• Bristlecone 01
• Spectrum 14
  Total 29

Academic Results

BE (VII Sem)
University Result : 86.49%
Department Result : 96.88%
1st Class With Distinction : 33

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of the Student</th>
<th>%</th>
</tr>
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<tbody>
<tr>
<td>01</td>
<td>Amin Chaitanya</td>
<td>81.61</td>
</tr>
<tr>
<td>02</td>
<td>D'silva Merlin</td>
<td>78.90</td>
</tr>
<tr>
<td>03</td>
<td>Manjrekar Mrudula</td>
<td>77.29</td>
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</table>

TE (VI Sem)
Department Result : 98%

<table>
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<tr>
<td>01</td>
<td>Supryia Radakrishnan</td>
<td>81.06</td>
</tr>
<tr>
<td>02</td>
<td>Sherugar Sujaya</td>
<td>80.12</td>
</tr>
<tr>
<td>03</td>
<td>Khandor Hemangi</td>
<td>79.29</td>
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SE (IV Sem)
Department Result : 80%

<table>
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<tr>
<td>01</td>
<td>Iyer Akshaya</td>
<td>82.29</td>
</tr>
<tr>
<td>02</td>
<td>Samant Harshita</td>
<td>78.06</td>
</tr>
<tr>
<td>03</td>
<td>Mishra Atul</td>
<td>75.06</td>
</tr>
</tbody>
</table>

Student Achievements:
• BE EXTC students were winners in True Pals, Antakshari, Dumb Charades, Treasure Hunt and where runners up in Spoof’em Up, Group Dance, Marathi Debate, Solo Dance, Rangoli, Duet Singing, Bollywood Quiz at Zeal 2014.
• TE EXTC students were winners in Cricket Quiz, and were runners up in Western Vocals.
• BE EXTC students were winners in Table Tennis (Doubles), Carrom (Doubles), Badminton and where runners up in Table Tennis (Girls Singles), Table Tennis (Girls Doubles), Table Tennis (Mixed Doubles), Carrom (Mixed Doubles), Girls Cricket at Zeal Sports 2014.
• SE EXTC students were runners up in Table Tennis singles at Zeal Sports 2014.
• EXTC Department won departmental Table Tennis, Football Girls and was runners up in Volleyball Girls at Zeal Sports 2014.
• Durvesh Pilankar and Shweta Mahadeshwar’s (BE EXTC) paper “An Overview of Technological Advancements and Future Possibilities In Wireless Power Transmission” is published in IJRET journal.
• Saurabh Chaskar’s (TE EXTC) paper “Zero Consumption Zero Discharge Techno-Green Edifice 21° Generation Living” is published in JSRTMJournal.

• Rahul Jain and Sayali Bore (BE EXTC) won 1st prize in Technical Paper Presentation at Theem College of Engineering.

• Aarti Chorghe, Palak Dave, Himanshu Gimhavanekar and Mithun Shiyan (BE EXTC) were Runners up in Project Showcase (Hardware) Competition at Saraswati College of Engineering.

• Rahul Jain, Sayali Bore, Abhijeet Mhatre and Niyati Mhatre (BE EXTC) participated in Technical Paper Presentation at Thadomal Sahani College of Engineering, SNDT College of Engineering and also participated in Project Showcase at at Thadomal Sahani College of Engineering.

• Rahul Patil, Ketaki Sawant, Shraddha Zagade and Sejal Naik (BE EXTC) presented a paper at Saraswati College of Engineering.

• Kaushik Baur (TE EXTC) participated in Technical Paper Presentation at VJTI and Xavier Institute of Technology.

• Akshay Sathe, Sujata Sherugar, Supriya Radhakrishnan (BE EXTC) presented a project “Analysis and Visulisation of wavguide structures using computational electromagnetics” in Anveshan 14 a National Level Project Showcase and won 1st prize.

• Project Sawant, Sejal Naik, Sharddha Zagade, Rahul Patil (BE EXTC) presented a project on “BML based smart mobility and communication system for physically challenged” in Anveshania. A National Level Project Showcase and won 1st prize.

• Sayali Bore, Rahul Jain, Abhijeet Haware, Niyati Mhatre (BE-EXTC) presented a project a speech to “Speech Language interpreter” in Anveshan’ 14-a National Level Project Showcase and won 2nd Prize.

**Student’s Performance in competitive exams:**

**GRE:**

<table>
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<th>Name of Student</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durvesh Pilankar</td>
<td>305/340</td>
</tr>
</tbody>
</table>

**TOEFL:**

<table>
<thead>
<tr>
<th>Name of Student</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jitesh Sawlani</td>
<td>92/120</td>
</tr>
</tbody>
</table>

**VCET IEEE SB and VCET IETE SF Activities:**

VCET IEEE SB and VCET IETE SF organized 'BHRAMAN-a Photo Exhibition' on 16th and 17th September, 2013 on the theme "Indian Railways … Serving miles with smile" as a part of celebration of Engineer's Day.

VCET IEEE SB and VCET IETE SF organized various events in the annual technical festival of the college - ORION’13.

VCET IETE SF also arranged a series of tutorial sessions by the faculty of EXTC Dept. in November-December 2013 for the students appearing for GATE exam.

VCET IEEE SB organized FE Quiz on 17th and 25th February 2014.

VCET IETE SF organized Oscillations’14 on 26th March 2014 to. It comprised of various events collaborated with a seminar on 'Mobile Trends'.

VCET IEEE SB and VCET IETE SF organized National level Project showcase competition 'ANVESHAN’14' on 11th April 2014.

**Dr. Vikas Gupta**

HOD,

EXTC. Dept.
DEPARTMENT OF COMPUTER ENGINEERING

It gives me a feeling of great pleasure and accomplishment to present the annual report of The Department of Computer Engineering for the academic year 2013-2014.

Faculty Representation from the department at university level

Prof. Vikrant A. Agaskar
1) Member: - Inspections Committee, University of Mumbai
2) Member: - Subject Expert Panel, University of Mumbai

Representation from the department at institute level

1) Prof. Smita Jawale, Website Coordinator, from Jan 2013.
2) Mr S. Vedpathak, Website Member, from July 2012.

Workshops conducted

Workshop on "Advanced Web Technology" was conducted by Computer and IT Department for Third year students from July 11, 2013 to July 14, 2013.

Speaker: Mr.Krishnakant Mane
Co-ordinators: Prof.Swapna Borde, Prof.Chandan Kolwankar, Prof. Yogesh Pingle and Prof.Smita Jawale

Paper Publication

International Journal Paper publication

• Ms. Priya Vartak published a paper titled "Integration of Open ERP with SCM" in ICWAC.
4) Intercollegiate **Online Treasure Hunt** an online Event 1 was completed on 24th September ’13 and Event 2 was completed on 6th of April ‘14.

5) Students of Computer and IT branch attended the workshop arranged by CSI-VCET on **Ethical Hacking** (level 1 & 2) conducted by Ashish Singh (B.E.Comps).

6) CSI-VCET arranged a seminar on **Mozilla Firefox** by Mr Abhishek Potnis (Alumni of comps dept.) on 4th April.

7) CSI-VCET arranged a seminar on **Autonomous Robotics** by Siddharth Naik (B.E.INSTRU) on 13th April.

**Lab Upgradation**

1) Department has purchased HP Core i3 PC’s, Qty: - 47 Nos.
2) Department has also purchased HP 18.5” LED Monitors, Qty: - 45 Nos.

**Student’s Academic Achievements**

**Placements On Campus (2013-2014)**
- TCS 09
- Bristlecone 06
- Zycus 01
**Total 16**

**Results for Year 2012-2013**

BE result of Academic Year **2012-2013** was 94.87% and Toppers are
1) Amod Narvekar (UR-8th) - 79.26%
2) Darshan Desai (UR-24th) - 77.6%
3) Tanvi Shah (UR-35th) - 77.2%

TE result of Academic Year **2012-2013** was 89.47% and Toppers are
1) Apeksha Sharma - 78.52%
2) Tejal Jani - 77.53%
3) Anita Mondal - 77%

SE result of Academic Year **2012-2013** was 63% and toppers are
1) Priyanka Bisht - 78.64%
2) Rakhi Sonkusare - 76.94%
3) Anand Vishwakarma - 76.35%

**GRE’13-14 Achievers**
1) Ashray Bhandare (TE Comps) -319/340
2) Sarvesh Patange (BE Comps) -314/340
3) Mrudul Patil (BE Comps) -310/340

**CAT ’13-14 Achievers**
1) Jinita Shah (BE Comps) - 98.45 percentile

**GATE’13-14 Achievers**
1) Ashish Singh (BE Comps) - 97.4 percentile
2) Ali Shaikh (BE Comps) - 94.63 percentile
3) Chintamani Bhat(BE Comps) - 94.036 percentile
4) Nikita Goyal (BE Comps) - 91.794 percentile

**Special Achievements**
1) Naresh Heda (BE Comps) was selected as the ambassador for Twenty-19
2) Ashish Singh (BE Comps) presented a project on “Website based Website Vulnerability Exploitation” in Avishkar’14-A national level project showcase and was awarded as the 1st runner-up.
3) Arun Gupta (BE Comps) presented a project on “Mobile Data Backup” in Avishkar’14- A national level project showcase and was awarded as the 1st runner-up.

**Intercollegiate Sports Achievements**
1) Ankit Nisar, Smit Dhone, Ashutosh Kumar (T.E. Comps) were the team members of the team that was runner up in intercollegiate volleyball held at DJ Sanghvi COE.
2) Rohit Gopalan (T.E. Comps) was a team member of the team that was winner in the intercollegiate football held at TCET.

Other Achievements

Orion 2013-2014

1) Ashish Singh (BE Comps)
   Aquabotics---2nd Prize
2) Nitin Joshi, Roydon Philip D’sa (TE Comps)
   Codexterity---2nd Prize
3) Akanksha Chaudhari (SE Comps)
   Codexterity---1st Prize
4) Priyanka Bisht & Astrid Gomes (TE Comps)
   Logo Challenge---2nd Prize
5) Surjit Singh & Bhavik Gore (SE COMPS)
   Neon Cricket---Winner
6) Mayur Borkhatariya (SE COMPS)
   Neon Cricket---1st runnerup

Magazine Committee events

1) Tejal Jani (BE Comps)
   Hindi Kavi Sammelan---Winner
2) Swati Kulkarni (BE Comps)
   Marathi Kavi Sammelan---Winner
3) Swati Kulkarni & Shraddha Pednekar (BE Comps)
   Marathi Debate---Winner
4) Prachi Pawaskar (BE Comps)
   Marathi Debate---2nd Prize
5) Nikita Goyal (BE Comps)
   Love letter writing---Winner

Annual Sports

1) Harshini Desai & Tejal Jani (BE Comps)
   Table Tennis (Girls Doubles) ---Winner
2) Pradnya Mane, Vrushali Shivade, Tejal Jani (BE Comps)
   Badminton (Girls) ---Winners
3) B.E.Comps. Cricket (Girls) ---Winner
4) B.E.Comps Throw ball (Girls) ---1st Runner up
5) Comps Dept. Volley Ball (Girls)
   Inter-department-winner
6) Comps Dept.
   Football (Girls) Inter-department-1st Runner up
7) BE Comps Over-arm Cricket (Boys) ---winner
8) Computer Dept.
   Inter-departmental Box Cricket (Boys) ---winner
9) Computer Dept.
   Inter-departmental volleyball (Boys) ---winner
10) Harshini Desai (BE COMPS)
    Chess (girls) ---Winner
11) Swati Kulkarni (BE COMPS)
    Chess (Girls) ---1st Runner-Up
12) Swati Kulkarni (BE COMPS)
    Carrom (Girls Single) ---1st Runner-Up
13) TE COMPS Volleyball (Boys) --1st Runner-up
14) TE COMPS Football (Boys) ---1st Runner-up
15) Utkarsha Patil (S.E. Comps)
    Badminton---1st Runner-up

ZEAL ’14 events

1) BE Comps Group Dance---2nd prize
2) Nikita Goyal, Harshini Desai, Swati Kulkarni (BE COMPS)
   VCET crime Tracker--- Winner
3) Tejal Jani (BE COMPS) Treasure hunt- Winner
4) Ashish Singh (BE COMPS)
   Dumb charades---Winner
5) Aditya Sawant (TE COMPS)
   Dumb charades---2nd prize
6) Supriya Valvi, Mrunal Tipari (TE Comps)
   Bollywood Quiz --- 1st Prize
7) Vishal Shinde (TE Comps)
   Popular Vocals---2nd Prize
8) Ameya Mithagiri (SE Comps)
   Logo Quiz---2nd prize
9) Mayur Borkhatariya, Keyur Rajguru (S.E. Comps)
   Neon Cricket---Winner
10) Surjit Singh (S.E. Comps)
    Neon Cricket---1st runner-up

Prof. Swapna Borde
H.O.D.
Computers Dept.
DEPARTMENT OF INFORMATION TECHNOLOGY

It gives me great pleasure in presenting the annual report of the Information Technology department for the academic year 2013-2014, acknowledging and appreciating the achievements of our staff and students.

STAFF ACHIEVEMENTS:
- Mr. Chandan Kolvankar is appointed as the Placement manager for VCET
- Mr. Mehul Khandhedia appointed as the Training and Placement Officer.
- Ms. Archana Ekbote is pursuing PHD
- Mr. Amol Patil is pursuing MCA

PAPER PUBLICATION:
- Ms. Maryum K J published and presented papers in
  1. International Conference on "Eco friendly technologies for Sustainable growth" (ICEFT-14) at M.H Saboo Siddik College of Engineering.
  2. National Conference on "Role of Engineers in Nation Building" (NCRENB-14) at VIVA Institute of Technology.
- Ms. Bharati Gondhalkar presented paper in
  1. International Conference on Electronic and Telecommunication held at Thakur College of Engineering on "Design Simulation and Implementation of data Rate Enhancement using MIMO 8*8 OFDM System".
- Mr. Yogesh Pingle and Mr. Nitin Shingane published paper in
- Mr. Mehul Khandhedia published paper in


SEMINARS/WORKSHOP
- Following staff members attended 2 week STTP on "Virtualization on Cloud Computing and Big Data" at VIT, Wadala.
  o Ms. Vaishali Shirsath
  o Mr. Sainath Patil
  o Ms. Anagha Patil
  o Mr. Yogesh Pingle
  o Ms. Maryum Jawadwala
  o Ms. Swati Saigaonkar
- Following staff members attended one week TE-QIP workshop on "Information Security and Forensic Analysis" at VJTI, Mumbai.
  o Ms. Anagha Patil
  o Ms. Maryum Jawadwala

PLACEMENTS:
7 students have been placed till now in academic year 2013-2014

COMPANY    NO. OF STUDENTS
TCS         5
Spectrum    1
Zycus       1

STUDENT ACHIEVEMENTS

Academic Toppers 2012-13

BE
1. Ashutosh Sharma  1175/1500
2. Bhavyashree Kulkarni  1173/1500
3. Patil Riddhi  1147/1500

TE
1. Prateeksha Prabhu  1289/1800
2. Namrata Singh  1248/1800
3. Priyanka Chavan  1231/1800
SE
1. Modi Urvi 1248/1700
2. Kerawala Rizaan 1192/1700
3. Diwan Prasad 1139/1700

Troll making

4. Srijesh Nair & Ashwin Nair (TE)
   Runners up
   Neon Football

5. Sagar Umalkar & Sushant Shette (BE)
   Winners
   Dumb charades

6. Mayuri Kubal
   2nd prize
   Marathi kavi samellan

7. Karishma Karande, Srijesh Nair & Ashwin Nair (TE)
   Winners
   VCET Crime Tracker

8. Raj Singh
   1st Prize
   Twist the Tunes

Intercollegiate Events

1. Avinash Pandey, Sumesh Valanju & Sakir Sathe (TE-IT)
   1st Prize
   Inter College Bollywood Quiz, Xavier Institute of Engineering.

2. Avinash Pandey, Sumesh Prasad Diwan, Sakir Sathe, Tushar Patil & Caren Menon (TE-IT)
   Top 10
   Short Film Making at Sardar Patel Institute of Technology and Mukesh Patel College of Engineering.

3. Bhavin Thakur
   Table tennis
   Gold medal at D.J Sanghvi
   Silver medal at SPIT
   Bronze medal at TSEC

4. Srijesh Nair & Ashwin Nair (TE-IT)
   1st Prize
   Rink Football, Atharva College of Engineering

Sports 2014

1. Juilee Raut, Vishruti Mhatre, Sayali Datar, Jidnyasa Raut, Sneha Kawale, Chaitali Vaze & Neeti Agrawal (BE IT)
   Winners
   Girl's Throw ball

2. Sayali Datar (BE-IT)
   Runner's up
   Carom singles.

Zeal 2014

1. Avinash Pandey (TE)
   Runner Up
   Creative Story Writing & Love Letter Writing

2. Sonali Sagar, Darshana Vora & Aparna Nair (TE)
   Runner Up
   Buzzplosion

3. Abhinav Pandey & Sherin Benchaman
   1st prize

Orion 2013

1. Raj Singh & Wilfred Rodrigues (BE-IT)
   1st prize
   Minute to Win it.

2. Vishruti Mhatre & Sharvari Raut (BE-IT) with Bhumika Panchal (TE-IT)
   Runners up
   Bull's Eye

Prof. Chandan Kolvankar
H.O.D.
IT Dept.
DEPARTMENT OF MECHENICAL ENGINEERING

VISTA-2014 Launch is time to review the progress of MECHANICAL ENGINEERING DEPARTMENT for the last three years.

As a major achievement, Department is accredited by NBA from 1st April 2012 to 31st March 2015. The Department has started second shift of Direct Second year from 2012-2013 & running smoothly. Department had successfully organized VNCET-12 (Vidyavardhini’s National Conference on Emerging Trades).

As a development in human resource most of the faculties are on the verge of completion of ME/MTECH.

**Prof. R. D. Jilte** has completed PhD in Energy from IIT Bombay.

**Prof. Ashish J. Choudhari** is pursuing PhD from IIT Guwahati.

**Prof. S. R. Lohar** has completed his ME from SPCE Andheri, Mumbai.

**Prof. S R Mane** will be submitting his MTECH thesis up to 30th May 2014 to IIT Bombay.

From infrastructure point of view Department is equipped with adequate numbers of Lathe machines and a well-equipped material technology lab with the latest microscope.

From this year for FE students Department have started with the demonstration of plumbing trade.

Lab up gradation this year includes, up gradation of Computer Lab which has been equipped with an emergency backup power system for more than half an hour. All the computers in the CAD lab now have LCD monitors and new equipments for Measurement lab as well as ICE labs have been procured.

One of the dream projects of the Mechanical Department students is the SAE SUPRA CAR. Despite of having lots of constraints such as finance, technology, time etc., the students are whole heartedly working on it and have achieved success at initial stages.

Department has taken an initiative for German language training at the institute after the college working hours and the lectures are running smoothly.

**Achievements of Students**

1. **Academic Toppers**
   1] **SEA**
   a. Rahul H. Shah - 80.82%  
   b. Saurabh Jajoo - 79.02%  
   c. Pratik Singh - 78.03%

   2] **SEB**
   a. Mannan Patel - 65.83%  
   b. Nayan Vanjara - 63.94%  
   c. Parag Bhosale - 62.17%

   3] **TE**
   a. Ritesh Solanki - 77%  
   b. Shrutiika Borkar - 75.71%  
   c. Prakash Ahir - 74.94%

   4] **BE**
   a. Rishabh Melwanki - 78.8%  
   b. Shailesh More - 77.53%  
   c. Dinesh Chaudhary - 76.20%
2. **Campus Placement**

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Total no. of students placed</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCS</td>
<td>10</td>
</tr>
<tr>
<td>Tecnimont</td>
<td>01</td>
</tr>
</tbody>
</table>

3. **Qualification at GATE 2014**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of Candidate</th>
<th>GATE Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Ajinkya Padate</td>
<td>63/100</td>
</tr>
<tr>
<td>2.</td>
<td>Pawan Singh</td>
<td>53/100</td>
</tr>
<tr>
<td>3.</td>
<td>Ritesh Solanki</td>
<td>51/100</td>
</tr>
</tbody>
</table>

Overall 12 students have qualified for GATE 2014 examination.

4. **Qualification at GRE**

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of Candidate</th>
<th>GRE Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Akshat Raut</td>
<td>324/340</td>
</tr>
</tbody>
</table>

5. **Technical Paper Presentation**

1] Rishabh Melwanki, Harshad Kalyankar, Siddharth ethwa, Dinesh Chaudhary & Sagar Kalal were the winners of National Level Project Paper Presentation (Thermal and Fluid Engineering) organized by Radiance at IIT Bombay.


9] Ajinkya Padate, a student of BE Mech, won First Prize at Technical Presentation in ORION’13 at VCET.

10] Ajinkya Padate and Aashay Tinaikar, students of BE Mech, won First Prize in ACREX Quiz Competition and stood Third in complete Mumbai division quiz competition in ACREX’14.

6. **ZEAL 2014**

**SPORTS**

Chinmayee Karmalkar, student of BE Mech, was the gold medalist in Table Tennis.

TE A was the winner in Box Cricket.

Suraj Borate, student of TE A, was the winner in Chess Competition (Individual).

Suraj Borate, Vishal Chavan & Amit Tiwari, students of TE A won Gold Medal in Chess Competition (Team).
BE Mech was the runner up in Box Cricket. SE-B was the runner up in cricket.

**CULTURAL EVENTS**

Rahul Shetty, Abhishek Shrotri, students of BE won First Prize in Rangoli competition.

Hinalee Vartak, Dharmik Sheth, students of BE won First Prize in Face Painting.

Akshat Raut, Barnali Chakraborty, students of BE are the winners of LOGO Quiz.

Akshat Raut, student of BE is the winner of FaceOff Contingent.

Shankar Kambale, Rahul Shetty, Amol Dhomse, Sharvari Mhatre, students of BE and TE won first prize in Tug-of-War.

Jainish Jain, student of BE got First Prize in Solo Dancing.

Akshay Jadhav, Amit Tiwari, Akhay More, Suraj Borate, Ritesh Wankhede, Praneet Ghorpade, students of TE A are the winners of AdMad Show.

TE B Mech was the winner in Spoof em UP.

Mukta Mategaonkar, student of SE A is the winner of Solo Singing.

Priyesh Kakka got First Prize in Hindi Debate. SE B was the winner in street play.

Prashant Pandey and Vihit Shah, students of SE B are the runners up in Parliamentary debate.

Pranav Patil, student of SE B was the winner of VCET’s Best Bahanebaaz.

Aishwarya Dhandgawal, student of SE B was the winner of Creative Story Writing (English).

BE Mech won Second Prize in Street Play.

Akshat Raut, Barnali Chakraborty, students of BE are the runner up in Hollywood Quiz.

Sumedh Lalge, Varun Shah, students of BE are the runner up in Truepals.

Karan Phatarpekar, Karan Arya students of BE Mech are the runner up in Twist the Tunes.

Amrut Arole, Akshay Salunkhe, Tiksha Sankhe, students of TE A are the runners up in Treasure Hunt.

Pranav Patil, Maaz Qureshi, Nikhil Ramchandra & Aishwarya Dhadgawal, students of SE B, are the runners up in Tug-of-War.

7. **INTERCOLLEGIATE EVENTS**


Amrut Arole, Aditya Narkar, Pratik Gupta, Saurabh Jajoo, Supriya Kokani participated in Robowars at Technovanza, VJTI.


**Faculty Achievements**

(1) **Prof. Sanjay Lohar**

- Workshop on Product Lifecycle Management at SPCE.
• Presented National Level Technical Paper at Dr. Mahalingam Institute of Engineering, Polachi.

• External Judge for the Technical Paper Presentation, (SPECTRA) at SPCE.

(2) Prof. S. R. Mane
• Pursuing an online course on Global Warming Science conducted by MIT, USA

• Published a technical paper on Energy Management of Dairy Industry in International Journal of Mechanical and Production Engineering.

(3) Prof. Pavan Rayar
• Pursuing an online course on Introduction to Aeronautical Engineering conducted by Delft University of Technology, Netherlands.

(4) Prof. Dipesh Tare
• Attended 5 days workshop on Advances in Material Science and Technology at SVNIT, Surat.

• Attended 4 days workshop on Turbo Machinery, aerodynamics at IIT Mandi.

(5) Prof. Apoorv Walawalkar
• Completed a course on Embedded Systems and Robotics.

(6) Prof. Rishabh Melwanki
• Completed a course on Photoshop CS6 Essentials & Advanced.

(7) Prof. Sagar Bone
• Attended orientation program on Computer Aided Machine Drawing (CAMD) and Theory of Machine-I for second year subjects of CBGS.
  ▪ Undergone through 3 days Autodesk Inventor 3D Modeling software training.
  ▪ Attended seminar of Dassault Systems on DELMIA software.

Prof. Uday Asolekar
H.O.D.
Mech. Dept.

PLACEMENT AND TRAINING REPORT

It gives us immense pleasure and honour to present annual report of Placement and Training Committee for the academic year 2013-2014.

OBJECTIVES OF TRAINING AND PLACEMENT DEPARTMENT:
✧ Assist students develop/clarify their academic and career interests, and their short and long-term goals through individual counseling and group sessions.
✧ Assist students develop and implement successful job search strategies.
✧ Work with faculty members, department Heads and administration to integrate career planning and academic curriculum as well as coordinate internship programs.
✧ Assist employers to achieve their hiring goals.
✧ Provide access to our campus wide activities & career resources.
✧ Empower students with life-long career decision-making skills.
✧ Provide resources and activities to facilitate the career planning process.
✧ Act as a link between students, alumni and the employment community
✧ Update student’s skills as per expectations of the industry.
- Generation of awareness in the students regarding future career options available to them.
- Assisting different companies in recruiting candidates as per their requirements.
- Assisting students in obtaining final placement in reputed companies.
- Placement of students in different companies for summer internship.

**ROLE AND RESPONSIBILITIES OF THE DEPARTMENT:**
- To liaise between Industry and the College.
- To arrange job opportunities for all the eligible and interested students.
- To suggest corrective measures to non-eligible and interested students.
- To invite the best companies from different fields for Campus recruitments.
- To motivate and counsel students about Industry practices and improve their emotional quotient.
- To facilitate real time preparation for company selection process.
- To plan and organize career talks & personality development program.

**GUIDANCE FOR STUDENTS:**
2. Improvement in their presentation skills.
3. Placements
4. Exposure to the Industry representative by having closed group interactions.

**Seminars:**
1. Roy and Charles, TIME, IMS and Success Achievers conducted seminar regarding the CRT (Campus Recruitment Training).
2. TCS conducted seminar on HADOOP, an open source framework.
3. Career guidance seminar for BE Instrumentation and BE Electronics and Telecommunications by Uday Bhatte.
4. Seminar on Microsoft Certification by Microsoft Partners.

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<tbody>
<tr>
<td>TCS</td>
<td>EXTC COMPS IT MECH INSTRU</td>
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<tr>
<td>BRISTLECONE</td>
<td>COMPS EXTC</td>
<td>5 1</td>
<td>6</td>
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<tr>
<td>ZYCUS</td>
<td>IT COMPS</td>
<td>1 1</td>
<td>2</td>
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<tr>
<td>TECHNIMONT</td>
<td>MECH INSTRU</td>
<td>1 1</td>
<td>2</td>
</tr>
<tr>
<td>SPECTRUM</td>
<td>IT EXTC</td>
<td>14 15</td>
<td>15</td>
</tr>
<tr>
<td>SIKRAFT</td>
<td>INSTRU</td>
<td>8</td>
<td>8</td>
</tr>
</tbody>
</table>

**Members:**
**Manager Training**
Prof. Chandan Kolvankar

**Manager Placement**
Prof. Prafulla Patil

**Placement and Training Officer**
Prof. Mehul V. Khandhedia
Prof. Ekta Naik

**Student Co-ordinators**
Ankit Chavan
Himanshu Pandey
Karan Shah
Leena Nadkar
Sakir Sathe
Shivananjini Bhat
Tejas Vartak
Bhagyashree Waghmare
Jayna Shah
Karisma Karande
Rahul Jain
Rizaan Kerawala
Shashank Mhatre
Smitesh Deorukhkar