

## Department of Electronics

### Report for Akansha: 2016-2017

#### • Academic Activities:

##### 1. Workshop:

- 1) Department has organized One day state level Seminar on "Role of Advanced Sensors in the Development of Smart City ", on 28th September, 2016.

##### 2. Guest Lecture :

- 1) Mr. Naseer Gaffar, Reliance communications delivered lecture on "4G Mobile Communication" on 9th February 2017.

##### 3. Industrial Visit:

- 1) Thirteen Students of S.Y.B.Sc. Comp.Sc. visited a small scale industry Logic Power, Vadgaon Bk., Sinhagad Rd., Pune.(Sole authorized product developer and distributor of Microchip Company controller) on 25th April 2016.

##### 4. Extracurricular Activities:

- Demonstration of Wireless Voting Machine was arranged on the occasion of Voter's Day for the students of Political Science.
- Science exhibition organized on 17.12.16, Students of B.Sc.Electronics and Computer Sc. attended.

#### • Staff achievements:


1. Dr. Saroj Hole:- Sant Gadgebaba Amravati Vidyapeeth Awarded Ph.D. degree to Mrs. Saroj Hole( notification 63/2016 dated 26/08/2016)

2. Dr. Varsha Bapat:- Savitribai Phule Pune University awarded Ph. D. degree to Mrs. Varsha Bapat.

##### 3. Publications:

- Dr. Saroj Hole: Presented paper on "New generation Robot Programming Languages:An Overview" in National Seminar on



  
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Mechatronics Held at Shri Brijlal Biyani Shiksha Samiti, Brijlal Biyani Science College, Amaravati.

- **Mrs. Vaishali Salunke** : Presented work on BCUD sanctioned project "Vigillant Attendance System" in an research conference "INNOVATION "organized by Savitribai Phule Pune University and B.R.Gholap College, Sangavi, Pune.
- **Mrs. Bhadane M.P.:**
  1. A paper on "Novel mechanical Designs of micro fluidic channel for enhancing mixing index" presented and published in an international conference on Future Trends and Challenges in Mechanical Engineering held at department of Mechanical Engg., Govt. College of Engineering, Pune on 17th and 18th February, 2017.
  2. Displayed poster on "LPG Gas Sensing System using 8051 Microcontroller Driver" in a National Conference on Applications of Electronics and Computer Science, At Kaveri College, Pune. 20, 21st January 2017
- **Mrs. Bapat V. M.:**
  1. A paper on WSN Application For Crop protection To Divert Animal Intrusions In The Agricultural Land ", published in a reputed journal Computer and Electronics in Agriculture( Elsevier) :ISSN No. 0168-1699
  2. A paper on "Development of Crop Damage Simulation Tool for Animal attack on the crop field", published in a journal Agriculture, Ecosystems and Environment (Elsevier), June 2016. ISSN No.: 0167-8809
  3. A paper on "A New Method To Teach Embedded System Design" published in National Conference on " Innovative Teaching techniques" at MIT, Kothrud, Pune held on 6-7th December 2016
  4. Displayed poster on "Development of Risk Alert System Tool To Estimate Risk Of Animal attacks on Crops" , in a National Conference on Applications of Electronics and Computer Science, At Kaveri College, Pune. 20, 21st January 2016.
- **Mrs. Pathakji P.B.:**
  1. A paper on "Comparative study on Glare Effect and Luminous Intensity Distribution Due to positional Changes of Luminaries" published in a Journal on Recent and Innovation Trends in Computing and Communication. ISSN no: 2321-8169



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- **Training Programs Attended :**

- **Mrs. Vaishali Salunke:** Attended 3-days training on "Raspberry Pi and Interfacing" organised by Department of Electronics Engineering , D.Y.Patil College of Engineering, Akurdi, Pune.
- **Mrs. Bhadane Mrunalini .P.:** Attended 7 days short term course in 'Recent trends in Microfluidics' organized by Dept. of Nanoscience, Mumbai University.

- **Workshops/Seminars attended :**

- **Mrs. Bhadane Mrunalini .P and, Mrs. Bapat Varsha M.** participated in One day workshop on COMPSOL software tool for research on 30th Aug. 2016
- **Mrs. Vaishali Salunke and Mrs. Pradhnya Pathakji** attended workshop on 'Research Methodology and tools used for data analysis" arranged by M.I.T. College of Arts, Commerce and Science, Pune on 30, 31 September , 2016.

- **Students Achievements:**

- **Ms. Sweety Pandey,** an S.Y.B.Sc. Comp.Sc. student presented project on LPG Gas Detector System and bagged 2nd Prize in an intercollegiate Project Exhibition organized by B.R.Gholap College ,Pune.

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