

**Vivekanand Education Society's Institute of Technology**  
**Department of Instrumentation**



**Academic Year 2016-17 (ODD Semester)**  
**(JULY-2016 TO DEC-2016)**

**1. Faculty Contributions**

- **Courses Attended by faculty**
  - Workshop / Short Term Training Program
  - Orientation Program
  
- **Workshops/Courses Conducted by faculty**
  
- **Skill Enhancement activity**
  - NPTEL Certification
  
- **Research Forum Activities**
  - Expert Talks
  - Minor Research Grant Proposals
  - Research Papers Published

**2. Student Portfolio**

- **Student Achievements**

- **Student Participation**

- Summer School
- Finishing school
- Workshops/Seminars
- Entrepreneurship / R&D Project
- Internship

- **Alumni Interaction**

# Vivekanand Education Society's Institute of Technology

## Department of Instrumentation



**Academic Year 2016-17 (ODD Semester)**

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### **FACULTY CONTRIBUTION**

**Prepared on 7th January 2017**

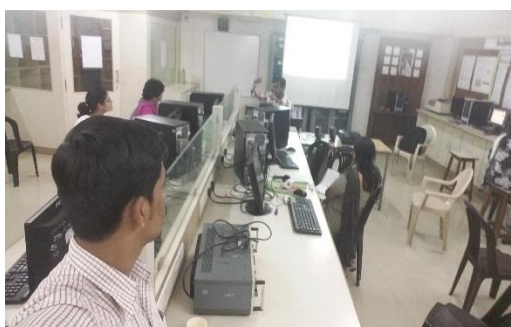
- Workshop / Courses Conducted by Faculties**

<b>Sr. No.</b>	<b>Conducted by</b>	<b>Course Description</b>	<b>Organized by</b>	<b>Date</b>
1	Kanchan Chavan	VESIT-AIA Integrated Automation Basic course	VESIT--AIA	14 <sup>th</sup> July 2016 to 21 <sup>st</sup> July 2016
2	Kadambari Sharma	VESIT-AIA Integrated Automation Basic course	VESIT-AIA	14 <sup>th</sup> July 2016 to 21 <sup>st</sup> July 2016
3	Kader Shaikh	VESIT-AIA Integrated Automation Basic course	VESIT-AIA	14 <sup>th</sup> July 2016 to 21 <sup>st</sup> July 2016
4	Kanchan Chavan	LabView Core 1 and Core 2 course	VESIT_NI Labview Academy	6 <sup>th</sup> January 2017 to 12 <sup>th</sup> January 2017
5	Kader Shaikh	LabView Core 1 and Core 2 course	VESIT_NI Labview Academy	6 <sup>th</sup> January 2017 to 12 <sup>th</sup>

				January 2017
6	Sangeetha Prasanna Ram	LabView Core 1 and Core 2 course	VESIT_NI Labview Academy	6 <sup>th</sup> January 2017 to 12 <sup>th</sup> January 2017

### Faculty Development Program (FDP):

A Faculty Development Program on “Innovative Teaching Learning Methodology” was conducted for faculty of Instrumentation department from 9<sup>th</sup> January, 2017 to 10<sup>th</sup> January, 2017 by Mr. Gopalkrishnan. It was attended by 8 faculty of the department where they were taught on how to use Google sheets, Google classroom, CamStudio for recording video lectures for their own courses and an Industrial visit to RCF Solar Plant.



### ● Courses Attended by Faculty

Sr. No.	Attended By	Course description	Organized by	Date	Number of days
1	Mr. Gopalkrishnan N, Mr. Kadar Shaikh	De-HPC	IIT, Bombay	June 1, 2016 to June 4, 2016.	04 days
2	Mrs. Sangeetha Prasanna Ram	Monte Carlo Simulation of Complex Biological Systems	IIT, Bombay	June 13, 2016 to June 17, 2016	5 days

3	Mr. M. D. Patil	Winter School	IIT, Bombay	Oct 26, 2016 to Oct 30, 2016	5 days
4	Mrs. Sangeetha Prasanna Ram	Modern Biophysical Techniques	IIT, Bombay	December 15, 2016 to December 19, 2016	5 days

• **Research Paper Published**

Publication - Author List	Publication - Affiliation of Author	Publication - Date	Publication - National / International	Publication - Journal / Conference	Publication - Name of The Journal / Conference	Publication - Organized By	Publication - Venue	Publication - Publisher	Publication - ISBN Number
Dr. Mrs. Jayalekshmi Nair and Mrs. Sangeetha Prasanna Ram	VESIT	July 2016	International	Nuclear Science and Engineering	American Nuclear Society	--	--	Taylor and Francis (Online)	--

**Commendation**

Instrumentation department faculty, Mr. M.D. Patil has successfully completed his PhD, from IIT-B on Nov 2, 2016. His PhD Thesis was titled as “Reduced order sliding mode control for Non-minimum phase systems: A special co-ordinate basis approach”.

## Patents

1. Patent application was filed jointly by IIT Bombay and VESIT on Aug 26, 2016 for “Universal Hardware Partial Discharge Simulator.”
2. Agreement for collaboration was signed between IIT Bombay and VESIT for research work on “Investigation and Characterization of Partial Discharge phenomena in high voltage equipment” on April 7, 2016.

## STUDENT ACHIEVEMENTS

- **Awards and achievements**

- **Shresthta Award**

On 15th October 2016, Mayur Kalwani of INST D18 was awarded the Shresthta Award for conquering adversities while excelling in various domains and continued to maintain academic grades.



- **Student Participation**

- **Industrial Visit**
- **Skill enhancement lectures**
- **Internships**

### **Industrial Visit:**

Third year Instrumentation students (D13) had an Industrial visit to RK Controls Industrial Factory on 1<sup>st</sup> October 2016 and this IV was arranged by our faculty Mr. Prasad Godse.

### **SEL Lecture**

B.E. students of Instrumentation department (D18) had an Expert lecture on “Functional Safety” by Mr. Shivendra Kapoor, Manager, CMSRS- Mumbai, on 15<sup>th</sup> October, 2016.

### **Internships**

20 students attended Internship programs in various industries like RCF, BARC, Air India, Tata Power Co. Ltd., etc.

### **Finishing School**

Faculty of INST department conducted a Finishing school for Final year students (2013-17 batch) on Industrial engineering, Sensors & Transducers and Microcontrollers. This finishing school was conducted by Mr. Prasad Godase, Mr. Gopalkrishnan N and Mrs. Kadambari Sharma.

### **Placement activities**

21 students out of eligible 63 students of 2013 -17 batch have got placement with offers from various companies like Reliance Industries, L&T core, Emerson, Accenture, CapGemini, and Wisdom Labs.

- **Alumni Interaction**

Students of Instrumentation department had an Alumni Interaction session with Mrs. Khanjari Kumbhar and Mr.Mandar Ranganekar, Alumni of 1996 batch of Instrumentation branch of VESIT, as part of Burns & Mc Donnell - Campus Programme & Students interaction session, on 25th Oct 2016.