

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



**Academic Year 2018-19 (Odd semester)**

**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**

## Academic Year 2018-19 (ODD Semester)

### FACULTY CONTRIBUTION

- **Courses Conducted by Faculties**
- **Orientation Programs**

Sr. No.	Conducted By	Course description	Organized by	Date	Number of days
1	Kanchan Chavan (Coordinator)	Orientation Programme of Advanced Sensors	VESIT – Instrumentation dept.	17/7/18	01 day

- **Workshop/Courses Conducted by Faculties**

Sr. No.	Conducted by	Course Description	Organized by	Date	Number of days
1	Kanchan Chavan	LabVIEW Core1 and Core2 course	VESIT LabVIEW Academy (in collaboration with NI)	2/7/18 to 9/7/18	6 days
2	Kader Shaikh	LabVIEW Core1 and Core2 course	VESIT LabVIEW Academy (in collaboration with NI)	2/7/18 to 9/7/18	6 days
3	Nilima Warke	LabVIEW Core1 and Core2 course	VESIT LabVIEW Academy (in collaboration with NI)	2/7/18 to 9/7/18	6 days
4	Sangeetha Prasanna Ram	VESIT LabVIEW Academy (in collaboration with NI)	VESIT LabVIEW Academy (in collaboration with NI)	2/7/18 to 9/7/18	6 days
5	Nilima Warke (Coordinator)	L&T GETs Hands-on Training on Instrumentation and Control	VESIT-INST dept	23/7/18 to 27/10/18	15 days
6	Prasad Godse	L&T GETs Hands-on Training on	VESIT-INST dept	23/7/18 to 27/10/18	15 days

		Instrumentation and Control			
7	Kadambari Sharma	L&T GETs Hands-on Training on Instrumentation and Control	VESIT-INST dept.	23/7/18 to 27/10/18	15 days
8	Kanchan Chavan	L&T GETs Hands-on Training on Instrumentation and Control	VESIT-INST dept.	23/7/18 to 27/10/18	15 days
9	Amudha S.	L&T GETs Hands-on Training on Instrumentation and Control	VESIT-INST dept.	23/7/18 to 27/10/18	15 days
10	Jayassre Ramakrishnan	STTP on “Biology for Engineers”	VESIT-IITB	2/7/18 to 6/7/18	5 days
11	Madhumathi Kuspe	STTP on “Biology for Engineers”	VESIT-IITB	2/7/18 to 6/7/18	5 days

- **Courses Attended by Faculty**

Sr. No.	Attended By	Course description	Organized by	Date	Number of days
1	Amudha Senthilkumar, Sangeetha Prasanna Ram, Mugdha Jogalekar, Nilima Warke, Jayasree R, Prasad Godse, Gopalkrishnan	Biology for Engineers	VESIT-IITB	2/7/18 to 6/7/18	5 days
2	Nilima Warke, Kadambari Sharma, Sangeetha Prasanna Ram	Orientation Programme of Advanced Sensors	VESIT – Instrumentation dept.	17/7/18	01 day

3	Sangeetha Prasanna Ram, Amudha Senthilkumar	Probability and Statistics for Scientists and Engineers	Terna Engg College, Navi Mumbai	18/06/18 to 29/06/18	10 days
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- NPTEL Certifications**

Sr. No.	Name of the Faculty	NPTEL Course Description	Organized by	Period	Score
1	Madhumathi Kuspe	Digital Image Processing	Dept. of Electrical and Electronics Engineering, IIT-Kharagpur	13/07/2018 to 19/10/2018 (12 weeks)	Exam given on 28 <sup>th</sup> October 2018
2	Amudha Senthilkumar	Digital Image Processing	Dept. of Electrical and Electronics Engineering, IIT-Kharagpur	13/07/2018 to 19/10/2018 (12 weeks)	Exam given on 28 <sup>th</sup> October 2018

<b>Research Forum Activities</b>
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- Expert Talks**

Sr. No.	Date	Name of the Expert	Designation & Organisation	Topic	Attended By
1	12/9/18	Dr. M. D. Patil	Associate Professor, Instrumentation dept., VESIT	High Performance super twisting control for space delay systems	Faculty members of all departments

- Minor Research Grant Proposals**

	Name of Faculty	Title of Project	Domain	Sanctioned Amount
1	Ms. Amudha Senthilkumar	Electronic talking gloves for speech disabled people	Electronics	Rs. 20000/=

• **Research Paper Published**

Publication - Author List	Publication - Affiliation of Authors	Publication - Date	Publication - National / International	Publication - Journal / Conference	Publication - Name of The Journal / Conference	Publication - Organised By	Publication - Venue	Publication - Publisher	Publication - ISBN Number
Dipesh Solanki*, Sangeetha Prasanna Ram*, Jayalekshmi Nair*, S. Ganesan#	*VES Institute of Technology, #Former Raja Ramanna Fellow, BARC	June, 2018	International	Conference		IEEE	Pune	IEEE Digital Xplore	
Sumit, Nilima Warke	VES Institute of Technology,	January, 2018	International	Journal	International Journal of Computational and Intelligence Research				ISSN 0973-1873, Vol 14, N0.1
Nilima Warke, P. P. Vaidya,		2018	International	Conference	IEEE International Conference on Electronics , Telecommunication and Aerospace Technology	IEEE	Coimbatore	DOI: 10.1109/ICECA.2018.8474618	ISBN:978-1-5386-0965-1
Kadambari Sharma		5 <sup>th</sup> January, 2018	International	Conference	IEEE International Conference on Smart City and Emerging Technologies, Mumbai	IEEE	Mumbai	IEEE Digital Xplore	
Rashmi Patankar*, Sangeetha Prasanna Ram*, Jayalekshmi Nair*, Renju Thomas#,	* VES Institute of Technology, #Nuclear Physics Division, BARC	22-23 February, 2018	International	Conference	IEEE International Conference on Signal Processing, Informatics , Communication and	IEEE	Chennai	IEEE Digital Xplore	ISBN: 978-1-5386-4778-3

Suryanarayana#					Energy Systems (IEEE SPICES 2017) Screen reader support enabled.				
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- **Other Achievements**

- **Patent**

Academic Year	Type of User	Patent - Application No	Patent - Application Date	Patent - Name	Patent - Inventor Name	Patent - Description	Patent - (Co-Inventor) If Any	Patent - Status
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- **Book Publication**

Books Published - Name (Title, FirstName, MiddleName, Surname)	Books Published - Name of Co-Authors	Books Published - Name of book	Books Published - Publication	Books Published - Month and year of publication
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- **Photos**

- **AICTE-ISTE approved STTP on “Biology for Engineers”**





**STUDENT ACHIEVEMENTS**

- **Competitive Exams for Academic Year 2018-19 :**
- **Higher studies details for 2017-18 :**

Students got admitted for higher studies in Indian and foreign universities which includes :

<b>Name of the Student</b>	<b>University</b>	<b>Field of Specialization</b>
Tanmay Zope	Purdue University	Industrial Engineering
Ishita kekare	Colorado state university	Industrial Engineering
Pranav Musale	Colorado state university	Industrial Engineering



Prathamesh Kale	Colorado state university	Industrial Engineering
Abhishek Nemade	Purdue University	Industrial Engineering
Aditya Chandorkar	--	ME
Shantanu R Pawar	--	MBA
Ansh Tulsyan	--	MBA

- **Student Participation**
- **Workshops/Seminars**

**1. Students participated in IOT workshop conducted by Microsoft ATS are:**

<b>STUDENT'S FIRST NAME</b>	<b>STUDENT'S LAST NAME</b>	<b>BRANCH (CHOOSE ONLY 1 OPTION)</b>	<b>DIVISION</b>	<b>CERTIFICATION ENROLLED FOR</b>	<b>WORKSHOP EXECUTION SLOTS</b>
DHANRAJ	KATKAR	INSTRUMENTATION	D13	IOT	JUNE 3RD WEEK
Dhaval	Shinde	INSTRUMENTATION	D13	IOT	MARCH END I.E. 29TH, 30TH & 31ST MARCH
HARI	SHAH	INSTRUMENTATION	D13	IOT	JUNE 3RD WEEK
Isha	Gajjar	INSTRUMENTATION	D8	IOT	JUNE 3RD WEEK
Monica	Sridharan	INSTRUMENTATION	D13	IOT	JUNE 3RD WEEK
Prabhakar	Chaubey	INSTRUMENTATION	D8	IOT	MARCH END I.E. 29TH, 30TH & 31ST MARCH
Prithviraj	Billava	INSTRUMENTATION	D8	IOT	JUNE 3RD WEEK

Rahul	Ghorpade	INSTRUMENTATION	D8	IOT	JUNE 3RD WEEK
Rajiv	Kori	INSTRUMENTATION	D13	IOT	MARCH END I.E. 29TH, 30TH & 31ST MARCH
Samarth	Asnani	INSTRUMENTATION	D13	IOT	JUNE 3RD WEEK
Sangeeta	Maurya	INSTRUMENTATION	D13	IOT	JUNE 3RD WEEK
Saurav	Vijendran	INSTRUMENTATION	D8	IOT	JUNE 3RD WEEK
Shashank	Chandrasekaran	INSTRUMENTATION	D13	IOT	MARCH END I.E. 29TH, 30TH & 31ST MARCH
Shubham	Mandhare	INSTRUMENTATION	D13	IOT	JUNE 3RD WEEK
Sujit Kumar	Sharma	INSTRUMENTATION	D8	IOT	JUNE 3RD WEEK
SWARNA	SHENOY	INSTRUMENTATION	D13	IOT	JUNE 3RD WEEK

**2. Students participated in Arduino workshop conducted on 10<sup>th</sup> and 11<sup>th</sup> of August 2018 are:**

1. Harsh Suvarna
2. Suhas Kamat
3. Advait Shirvaikar

**3. Students participated in Analog Electronics workshop conducted from 10<sup>th</sup> to 12<sup>th</sup> October 2018 at 3-6 pm are:**

1.	Advait Shirvaikar
2.	Pranita Jadhav
3.	Diksha Mishra
4.	Pratima Belel
5.	Harsh Suvarna
6.	Sonal Singh
7.	Chandra Prakash Vishwakarma
8.	Niraj Datta Jadhav
9.	Onkar Raut
10.	Swaraj Patil
11.	Jagruti Sawalkar
12.	Shripad Joshi
13.	Mayuresh Cholkar
14.	Sahil Kedari
15.	Advait Mandlik
16.	Pooja Kulkarni
17.	Varad Rane
18.	Kirti raj Khape
19.	Suhas Kamat
20.	Prajakta dhopat
21.	Shivshankar Sahu
22.	Soham Sawant
23.	Sandeep Wayal
24.	Vinit Bamugade
25.	Anushka
26.	Kiran
27.	Jagruti
28.	Anjali Kothawade
29.	Sanket Thikade
30.	Ivan Phillip
31.	Shubham Gaikwad
32.	Sarang Kulkarni
33.	Akash Patel
34.	Trupti Dinesh Salunke
35.	Vinay Datir
36.	Shivam Yadav
37.	Sameer Ghorpade
38.	Mehtab Aalam
39.	Prithvi Shetty
40.	Aditya Ganesh
41.	Harsh Chavan

#### 4. Students participated in Labview Core 1 and 2 from 2<sup>nd</sup> -9<sup>th</sup> July 2018

are:

1. Utkarsha Chaudhari,
2. Ashwin Pillay,
3. Aditya Kale,
4. Neelay Muranjan

- **Industry Interactions**

- **Industrial Visit**

Industry Visit - Company Name	Industry Visit - Location/Venue	Industry Visit - Start Date	Industry Visit - Duration	Industry Visit - Description
R.K. Control Instruments Pvt. Ltd.	Thane	06/10/2018	01 day	TE (Instrumentation) for Control Valves and accessories and their manufacturing and testing methods
Emerson Process Management	Mumbai	15/10/2018	01 day	BE(Instrumentation) for Functional Safety course

- **Project Innovations**

Nilesh Kulkarni, Shaunak Baradkar, Panindra Mysorekar and Hitesh Meriya of BE(Instrumentation) participated in Stage 2 of Plant Bot theme of e-Yantra Robotics competition (eYRC-2017).

- **Industry Projects**

Sr. No.	Name of the Industry	Title of Project	Name of Students	Resource Person	Project Mentor

- **Skill Development Activities**

- Skill Enhancement Lectures (SEL)

Name of Speaker	Affiliation	Date and duration	Class and course
Mr. Sudhir Pai	Country head, EXIDA, India	12 <sup>th</sup> September, 2018	BE(Inst) and Functional Safety

- **Co-curricular Activities:** Intra College Activities

**1. Students participated in Pre-praxis event “Automation in IT” on 25<sup>th</sup> September 2018 are:**

1.	Shripad Joshi
2.	Swaraj Patil
3.	Nirajdatta Jadhav
4.	Aditya Das
5.	Advait Mandlik
6.	Mayuresh Cholkar
7.	Shreyas Kulkarni
8.	Jayesh Korgaonkar
9.	Pranita Jadhav
10.	Kiran Patil
11.	Anushka Gadgil
12.	Pratima Belel
13.	Jagruti Savalkar
14.	Sahil Kedari
15.	Harsh Chavan
16.	Harsh Suvarna
17.	Diksha Mishra
18.	B. Shubhangi
19.	Advait Shirvaikar

**2. Students participated in Praxis events like “Hardware Auction” on 27<sup>th</sup> September 2018 are:**

1.	Shubham Gaikwad
2.	Sarang Kulkarni
3.	Akash Patil
4.	Shivshankar Sahu
5.	Suraj Pal
6.	Chandraprakash
7.	Jagruti Savalkar
8.	Onkar Raut

**3. Students participated in Praxis events like “Crack the Code” on 27<sup>th</sup> September 2018 are:**

1.	Shubham Gaikwad
2.	Sarang Kulkarni
3.	Akash Patil
4.	Shivshankar Sahu
5.	Harsh Suvarna
6.	Sahil Kedari
7.	Suhas Kamat
8.	Ivan Phillip
9.	Onkar Raut
10.	Asif Quireshi
11.	Jagruti Savalkar
12.	Suraj Pal
13.	Mayuresh Cholkar
14.	Jayesh Korgaonkar
15.	Shreyas Kulkarni
16.	Sanket Thikade

• **Professional Society Activities**

**ISA Aayam** - 29th of August 2018 witnessed a new dawn for ISA-VESIT as it marked the event: AAYAM. The technical event ‘AAYAM’- Exploring New Dimensions was organized by ISA-VESIT where in speakers with proficiency in the field of engineering graced the occasion and enlightened the students with their knowledge and experiences. Students from various colleges were invited to attend the grand event. AAYAM aided students to get an overview of the practical applications of the subjects they are presently learning about. The esteemed guest of the day **Mr. Brian Curtis, President, ISA International** was accompanied by the other dignitaries of the day Mr. Prabhu Soundarrajan, Executive Board Member, ISA USA, Mr. Ramani Iyer, Vice President, Asia Pacific District of ISA, Mr. Vitthal Magar, President, ISA Maharashtra Section, Mr. Dattatray Sawant, President-elect, ISA Maharashtra Section, Mr. Sandeep Rathi, Student Section Liaison, ISA Maharashtra Section, Mrs. Trupti Mane Furia, Newsletter Editor, ISA Maharashtra Section, Mrs. Nilima Warke, Honours and Awards Chair, ISA Maharashtra Section, Mr. Sushant Kerimani, Marketing Chair, ISA Maharashtra Section and Mrs. Shruti Hire, Exhibit Chair, ISA Maharashtra Section. After a grant felicitation by the trustee of V.E.S., Shri. B.L. Boolani, Mr. Brian Curtis addressed the gathering and enlightened the students with his wise words. He inspired the young minds on how to mould their lives and shape them according to their dreams in this tender phase. After rendering an insightful of words, he was escorted to the Process Instrumentation lab where he expressed his pleasure by surveying the loops and other equipment. Where students from the Third year of Engineering demonstrated the projects developed by them using LabVIEW software, and elaborated how a few simple processes can be automated using the basic software. After an informative session in the lab with the students and the faculty, the event ended on a high note.

- **Extra-curricular activities**

Participation in Inter College Competitions  
Participation in Intra College Competitions

- **Photos**

- **Industrial visit to R.K. Control Instruments Pvt. Ltd., Thane**



- **ISA Aayam Photos:**

