Vivekanand Education Society's Institute of Technology
Department of Instrumentation

Academic Year 2018-19 (Even 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 (EVEN Semester)

FACULTY CONTRIBUTION

- **Workshop/Courses Conducted by Faculties**

Sr. No.	Conducted by	Course Description	Organized by	Date	Number of days
1	Nilima Warke	VESIT-AIA Integrated Automation Basic course	VESIT-AIA	9/1/19 to 24/1/19	14 days
2	Kanchan Chavan	VESIT-AIA Integrated Automation Basic course	VESIT--AIA	9/1/19 to 24/1/19	14 days
3	Kadambari Sharma	VESIT-AIA Integrated Automation Basic course	VESIT-AIA	9/1/19 to 24/1/19	14 days
4	Kader Shaikh	VESIT-AIA Integrated Automation Basic course	VESIT-AIA	9/1/19 to 24/1/19	14 days
5	Prasad Godse	VESIT-AIA Integrated Automation Basic course	VESIT-AIA	9/1/19 to 24/1/19	14 days

- **Orientation Programs Attended by Faculty**

Sr. No.	Conducted By	Course description	Organized by	Date	Number of days
1	Sangeeta Prasanna Ram	BSSP	VESIT	22/01/19	01
2	Kandambari Sharma,	IDC	VESIT	22/01/19	01

	Jayassre Ramakrishnan				
3	Kandambari Sharma, Namrata Bonde	EMD	VESIT	22/01/19	01

● **Courses Attended by Faculty**

Sr. No.	Attended By	Course description	Organized by	Date	Number of days
1	Kanchan Chavan	Beneficial Effects of Radiation and Indian Nuclear Energy Programme	Indian Association for Radiation Protection (IARP) @ VES College of Science	16/2/2019	1 day
2	Kanchan Chavan	IEEE Sponsored 5th International Conference for Convergence in Technology (I2CT) Pune- 2019	IEEE Bombay Section	29-31/3/2019	3 days
3	Amudha Senthilkumar	5th International Conference for Convergence in Technology 2019	IEEE Bombay Section	29-31/3/2019	3 days

● **NPTEL Certifications**

Sr. No.	Name of the Faculty	NPTEL Course Description	Organized by	Period	Score
1-	Deepti Khimani	"Advanced Linear Continuous Control Systems:	Indian Institute of Technology Roorkee	August - October 2018.	91%

		Applications with MATLAB Programming and Simulink"			
2.	Amudha Senthikumar	"Digital Image Processing"	Indian Institute of Technology Roorkee	July - October 2018.	81%
3	Madhumati Khuspe	"Digital Image Processing"	Indian Institute of Technology Roorkee	July - October 2018.	82%

Research Forum Activities

- **Expert Talks**

Sr. No.	Date	Name of the Expert	Designation & Organisation	Topic	Attended By
1	12/03/19	Mrs.Lekshmi Ajesh	INST DEPT.VESIT	A Novel System for Emulation of Partial discharge	Faculty,PG Students and Research Scholars

- **Minor Research Grant Proposals**

	Name of Faculty	Title of Project	Domain	Sanctioned Amount

1	Mrs.Nilima Warke	Design and construction of a computer controlled High resolution Research Grade Validation System for Hardware Research	Electronic	20,000
2.	Mrs.Kanchan Chavan	Time to digital converter for nuclear timing spectroscopy system	Nuclear Instrumentation	20,000

- **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
Kanchan Chavan, P.P. Vaidya, J.M. Nair	VES Institute of Technology	-	-	IEEE Conference	I2CT	IEEE	Punegate way, Taj Hotel	-	-
Amudha Senthilkumar, Gopalkrishnan, P.P. Vaidya,,	VES Institute of Technology	-	-	IEEE Conference	I2CT	IEEE	Punegate way, Taj Hotel	-	

STUDENT ACHIEVEMENTS

- **Competitive Exams for Academic Year 2018-19:**
  - ➢ **Total of 38 Students** appeared for **Gate 2019** Exams for which the result was declared in March 2019.

> ➤ **One student** is appearing for GRE Competitive Exam.

> ➤ **Higher studies details for 2017-18:**

Students got admitted for higher studies in Indian and foreign Universities:

Name of the Student	University	Field of Specialization
Pranav Musale	NorthEastern University, Boston	Masters in Engg & Management
Ishita Kekare	Colorado State University	Masters in Systems Engg
Tanmay Zope	University, Indiana	MS - Industrial
Abhishek Nemade	Purdue University, Indiana	MS - Industrial
Prathamesh Kale	Colorado State University	Masters in Electrical & Computer Engg

- **Student Participation**
- **Industrial Visit**

Industry Visit - Company Name	Industry Visit - Location/Venue	Industry Visit - Start Date	Industry Visit - Duration	Industry Visit - Description
Dahanu Power Plant	Dahanu	13/04/2019	One day	Power Plant Instrumentation
IPCL	Nagothane	25/02/2019	One day	Instruments and System Design
Akers Solution	Mumbai	29/03/2019	One day	Instrumentation Project Documentation and Excutation

- **Skill Development Activities**

Sr. No.	Date	Name of the Expert	Topic	Attended By
1	28/03/2019	Mr.Gopal Bhagat, RIL	Overview of Gas Turbine	B.E. Students

2	28/03/2019	Mr.Ajay Varghese,RIL	Instrumentation and Control of Gas Turbine	B.E. Students
3	30/03/2019	Dr.P.P.Vaidya	Fission and Fusion Processes in Nuclear Power Plant	B.E Students
4	29/03/2019	Mr. Sachin Nevse, Honeywell Ltd.	Foundation fieldbus, Profibus, HART implementation and troubleshooting - OPC architecture	T. E. Students

● Co-curricular Activities

Intra College Activities
Professional Society Activities

Sr. No.	Name of the Students	Description of Events	Organized By	Venue	No. of Days	Awards of Achievement	Level
1	Hari Shah	IOT course	Microsoft ATS learning	VESIT	5 days	Training	College
2	Mysorekar Panindra Srinivas	AIA	VESIT	VESIT	1 week	Certificate of appreciation	college
3	Pradhan Sujata	PCB designing and soldering workshop	ISA-VESIT	VESIT	2 days	Participation	college
4	Pradhan Sujata	Arduino and Labview programming	ISA-VESIT	VESIT	2 days	Participation	college
5	Matekar Santosh Ashok	1.PCB Workshop 2. LABVIEW Workshop 3. Artificial intelligence Workshop	1 and 2 - ISA VESP 3-Neclei Technologies	VESP and Sharnam Hotel, Thane.	1.PCB- 9days 2. LABVIEW- 1day 3. Artificial intelligence- 1dayay	Participation	College
6	Jaladi Jyoti Satyavedam	PCB workshop and Arduino	ISA -VESIT	VESIT	2 days per workshop	Participation	College

	Rao	interfacing workshop					
7	Ghone Sanmesh Vijay	ISA VESIT	ISA VESIT	VESIT	1 year	Participation	College
8	Parmar Yash Hemraj	Project exebition	ISA-VESIT	VESIT	1 Day	3rd	College
9	Ansh Tulsyan	LabVIEWWorkshop	VESIT	VESIT	1 week	Participation	College
10	Patil anjali Uday	Labview	College	College	1 week	Participation	Collegev
11	Patil anjali Uday	Pcb workshop	ISA	ISA	3 days	Participation	College
12	Singh Nalin Narayan	Model United Nations	IEEE	VESIT	2 hours	First Prize	College
13	Singh Nalin Narayan	Arduino Workshop	ISA	VESIT	2	Participation	College
14	Singh Nalin Narayan	PLC Workshop	ISA	VESIT	2	Participation	College
15	Parmar Yash Hemraj	Project exebition	ISA-VESIT	VESIT	1 Day	3rd	College
16	Ansh Tulsyan	LabVIEWWorkshop	VESIT	VESIT	1 week	Participation	College
17	Patil anjali Uday	Labview	College	Vesit	1 week	Participation	Collegev
18	Patil anjali Uday	Pcb workshop	ISA	Vesit	3 days	Participation	College
19	Singh Nalin Narayan	Model United Nations	IEEE	VESIT	2 hours	First Prize	College
20	Singh Nalin Narayan	Arduino Workshop	ISA	VESIT	2	Participation	College
21	Singh Nalin Narayan	PLC Workshop	ISA	VESIT	2	Participation	College
22	Sanmesh Ghone	Lab Awareness, ISA - VESIT	ISA-VESIT	VESIT	1 day	Placement coordinator	College
23	Patil anjali Uday	Placement coordinator	Tpc	Vesit	1 year	Council Member	College

24	Zope Tanmay Prafull Zope	ISA council member	ISA	VESIT	1 year	Participation	College
25	Patil anjali Uday	Psoc	ISA	Vesit	3 days	Participation	Collage
26	Satyam Yadav	LAB VIEW	ISA	VESIT	7	Second prize	College
27	Madhura Rajendra Nikale	Project competition	Vesit	VESIT, Mumbai	1 day	First prize in Article Writing Competition	College
28	Shendarkar Shalaka Satish	PCB workshop, AIA, LabVIEW	ISA	VESIT	5 days	Participation	COLLEGE
29	DIVYESH JAIN	LABVIEW WORKSHOP	VESIT	VESIT	1 WEEK	Council Member	COLLEGE
30	DIVYESH JAIN	FRONT END PLACEMENT CO-ORDINATOR	TPC	VESIT	1 YEAR	Participation	College
31	Joag Mayuresh Prashant	LabVIEW workshop	V.E.S.I. T	VESIT	8 days	Participation	College
32	Chavan Aniket Anant	LabVIEW workshop	VESIT	VESIT	8 days	Participation	College
33	Sidhwani kunaal	ISA lab awareness workshop	ISA-VESIT	VESIT	2 hours	Certificate of appreciation	College
34	Mehta Pramod Arunkumar	Project Exhibition	VESIT	VESIT,Mumbai	1day	Third Prize	College
35	Chavan Siddhant Sandesh	PCB Designing and Soldering	ISA	Vesit	2 days	2nd prize	College
36	Mulay Prathamesh Milind	PCB workshop (ISA-VESIT)	ISA-VESIT	VESIT	2 days	Participation	College
37	Mulay Prathamesh Milind	Technovation	ISA VESIT	VESIT	1	PARTICIPATION	College
38	Mulay Prathamesh Milind	PCB Workshop	Thinkerer's Lab	VESIT	5 days	Participation	College
39	Mulay Prathamesh	Arduino Workshop	ISA VESIT	VESIT	2 days	Participation	College

	Milind						
40	Chavan Siddhant Sandesh	Project exhibition	ISA	VESIT	1 day	Participation	College
41	Chavan Siddhant Sandesh	Aurdino programming	ISA	Vesit	2 days	Participation	College
42	Bansod Rahul Sanjay	PLC workshop	ISA-VESIT	Veist	2 days	Participation	College
43	Bansod Rahul Sanjay	Arduino workshop	Council Vesit	Vesit	1year	Council Member	College
44	Akshit kuloo	None	Praxis	Vesit mumbai	2 days	Second prize in dubsmash in utsav 17	None
45	Cheriyamoozhikal Vipul Geevarghese	PCB Workshop	ISA-VESIT	VESIT	2 days	Participation	College
46	Pradhan Sujata	PCB workshop	ISA-VESIT	VESIT	2 days	Participation	College
47	Pradhan Sujata	Arduino workshop	ISA-VESIT	VESIT	2 days	Participation	College

● **Extra-curricular activities**

➢ Participation in Inter College Competitions

Sr.No.	Name of the Students	Description of Events	Organized By	Venue	No.of Days	Awards of Achievment	Level
	Bansod Rahul Sanjay	iim drona examination	iim indore	vesit	1hr	participation	national
1	Ansh Tulsyan	ITC Mazar (Cultural fest)	ITC	ITC, Mumbai	1 day	First Prize	District
2	Pandita nitin	Inter college basketball tournament	Vidyalankar institute of technology	Vidyalankar institute of technology	1 day	First place	Inter college
3	Vignesh Ramakrishnan	Music	Ministry of Culture	Hyderabad	1 day	Selected for interview	National
4	Asari Sohel Ahmed Nisar	Vcl	intercollege	vesit	1week	second prize	college

➢ Participation in Intra College Competitions

Sr. No.	Name of the Students	Description of Events	Organized By	Venue	No. of Days	Awards of Achievment	Level
1	Pradhan Sujata	Octaves	Music council VESIT	VESIT	2 days	Second prize	College
2	Pradhan Sujata	Octaves	Music council VESIT	VESIT	2 days	First prize	College
3	Pradhan Sujata	Octaves	Music council VESIT	VESIT	2 days	First prize	College

● **Alumni Interaction**

An Alumni interaction was organized by Instrumentation department on 2nd February 2019 which was attended by third year students of Instrumentation branch. Among the alumni who interacted with the students were Mr. Shubham matekar and Mr. Siddhant Chavan of 2016 BATCH. Students found the interaction to be very useful as they got to know about industrial expectations. The session was very helpful in terms of future placement and opportunities for instrumentation engineers.

● **Photos**