

NEWSLETTER

Issue 5 | July - September, 2020.

Issue 6 | October - December, 2020.

**Department of Electrical Engineering
SVNIT, Surat.**

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Dear Readers,

I am happy to present the 5th and 6th issues of the Department quarterly newsletter to you. The major parts of this collection include students' achievements, short term training programmes organised (in virtual mode), activities of Electrical Engineering Society, international conference, students' placement record and research publications of students and faculty members. I acknowledge the efforts of the committee members Dr. J. Venkataramanaiah, Dr. G. Sushnigdha and Dr. Suresh Lakhimsetty in the editing these issues. I also thank the research scholars Ms. Jahera Shaik and Mr. Deepkumar Patel for assisting the committee members.

*In this academic year the department is starting a new
PG Programme **Instrumentation and Control***



Dr. R. Chudamani,
Head of the Department

Students' Achievements

- 1. Anshuman Zhala (U17EE100) won the gold medal for becoming institute topper.*
- 2. Anushree Kanodia (U17EE059) scored 98.7 in CAT-2020, and secured admission in IIM Indore.*
- 3. Vrushabh Walke (U17EE015) secured admission in IIM Bangalore.*

Achievements by the Faculty Members

Dr. A. K. Panchal has been awarded one year of free membership of the International Solar Energy Society (ISES) from 1-09-2020 to 31-08-2021.

Academic Activities of the Electrical Engineering Society

INQUIZITIVE

It is the largest quizzing competition of our institute organized by EES every year. We have questions from various topics which include, politics, current affairs, technology, sports, general awareness, engineering, our college and many more. We also provide a unique experience to all the participants by coming up with variety of new elements in different rounds of the event

RECHARGE

It is the annual recruitment drive for sophomore executives. The purpose of conducting the event is to introduce the second-year batch about the culture and functioning of EES. It is followed by interviews to integrate them into our executive committee. After interviews, the selected candidates are taken into consideration for mentor allotment program along with the core committee members of EES. Every year interviews are held for the following five committees:

- 1. Technical Committee*
- 2. Finance and Documentation Committee*
- 3. Informal Committee*
- 4. Creative Committee*
- 5. Publicity Committee*

MASKED BANDITS

It was the first online treasure hunt event of our institute organized by EES every year. The primary objective of the event was comforting the incoming first-year batch to the new college atmosphere. The participants were given a set of hints and a start point. Through tactful and observation skills, they were expected to reach the final point before others for proceeding to the next round. A total of three rounds were organized, each with increasing difficulty and new elements of twist to make the event more interesting.

EVENT	DATE	PARTICIPANTS
<i>Inquizitive 2020</i>	<i>15-10-2020</i>	<i>120</i>
<i>Recharge 2020</i>	<i>01-11-2020</i>	<i>076</i>
<i>Masked Bandits</i>	<i>25-12-2020</i>	<i>213</i>

Short Term Training Program (in virtual mode)

1. Title: *Advances in Control Systems Engineering and Applications*

Organized by: *Dr. R. Radhakrishnan, Dr. G. Sushnigdha, Dr. H.G. Patel, Prof. S.N. Sharma*

Sponsored by: *TEQIP III*

Duration: *23-27 September, 2020*

2. Title: *Power Electronic Converters and Drives: Fundamentals, Implementation and Applications (PECD)*

Organized by: *Dr. M. A. Mulla, Dr. K. V. Praveen Kumar, Dr. J. Venkataramanaiah*

Sponsored by: *TEQIP III*

Duration: *03-07 October, 2020*

3. Title: *Application & Control of Power Electronic Converters for Sustainable Living*
Organized by: *Dr. Sanjay Tolani, Dr. Rajasekharareddy Chillipi, Dr. Sabha Raj Arya and Dr. Rakesh Maurya*

Sponsored by: *Self-Sponsored*

Duration: *18-22 September, 2020*

4. Title: *Digitally Controlled Power Converters for Industrial & Renewable Applications (Phase-I)*

Organized by: *Dr. M. A. Mulla*

Sponsored by: *AICTE*

Duration: *26-31 October, 2020*

5. Title: *Digitally Controlled Power Converters for Industrial & Renewable Applications (Phase-II)*

Organized by: *Dr. M. A. Mulla*

Sponsored by: *AICTE*

Duration: *23-28 November, 2020*

6. Title: *Digitally Controlled Power Converters for Industrial & Renewable Applications (Phase-III)*

Organized by: *Dr. M. A. Mulla*

Sponsored by: *AICTE*

Duration: *14-19 December, 2020*

Inter-Institute Activity under Twinning Activity of TEQIP - III

Title: *Power Electronics for Electric Vehicles and Energy systems (PEEVES 2020)*

Organized by: *Dr. S. R. Arya, Dr. Aeidapu Mahesh and Dr. Sanjay Tolani from SVNIT and Dr. Awadhesh Kumar, Dr. Navdeep Singh and Dr. Shekhar Yadav from MMMUT*

Sponsored by: *TEQIP III*

Duration: *28th September – 3rd October, 2020*

International Conferences

Title: *2nd International Conference on Gender Equity: Challenges and Opportunities (ICOGECAO2020)*

Organized by: *Dr. Vasundhara Mahajan, Dr. Anandita Chowdhury, Dr. U Kaushal, Dr. N. D. Jariwala*

Sponsored by: *TEQIP III*

Duration: *25- 27 November, 2020*

Ph.D. Degree Awardees

Name of the student: *Talada Appala Naidu*

Title: *Control Algorithms for Dynamic Voltage Restorer to Mitigate Voltage Based Power Quality Problems*

Date: *14-08-2020*

Supervisor: *Dr. Sabha Raj Arya and Dr.Rakesh Maurya*

Name of the student: *Shaikh Mohammed Suhel Abdul Aziz*

Title: *Performance Investigation on Six Phase Induction Motor Drives*

Date: *07-10-2020*

Supervisor: *Dr. Rakesh Maurya*

Name of the student: *Prajapati Vijaykumar Kanaiyalal*

Title: *Congestion Management in Deregulated Power Systems with Renewable Energy Resources and Energy Storage system.*

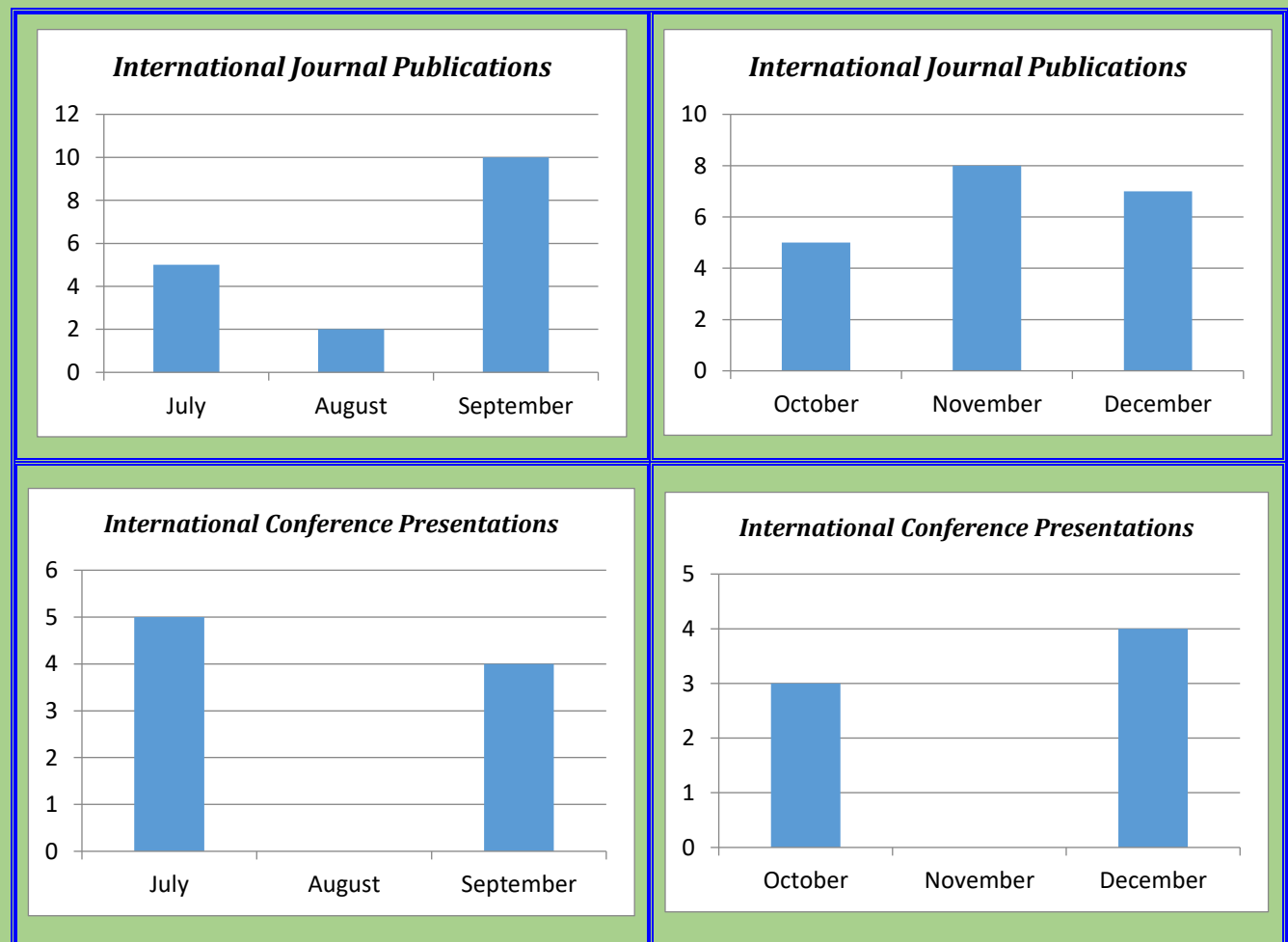
Date: *04-08-2020*

Supervisor: *Dr. Vasundhara Mahajan*

Placement Record

<i>Roll No.</i>	<i>Name of The Student</i>	<i>Category-A</i>	<i>CTC</i>
<i>U16EE045</i>	<i>Mohd Shadab</i>	<i>HPCL</i>	<i>14.80</i>
<i>U16EE081</i>	<i>Vallamkondu Raaga Chandrika</i>	<i>HPCL</i>	<i>14.80</i>
<i>U16EE084</i>	<i>Rashmit Pankhania</i>	<i>Publicis Sapient</i>	<i>10.00</i>
<i>U16EE048</i>	<i>Suthagar Tharun Balaji</i>	<i>Axxela</i>	<i>11.50</i>
<i>P18EL005</i>	<i>Shah Deep Ketankumar</i>	<i>John Deere</i>	<i>11.55</i>
<i>P18EL006</i>	<i>B Ritu</i>	<i>John Deere</i>	<i>11.55</i>
<i>P18EL007</i>	<i>Rajat Gupta</i>	<i>General Electric</i>	<i>12.52</i>

Research Publications



Upcoming Events

1. Title: ARM Cortex Microcontroller for Renewable Energy Sources Integration

Organized by: Dr. M. A Mulla

Sponsored by: TEQIP III

Place: Electrical Engineering Department, Sagar Institute of Science & Technology, Bhopal

Duration: 18-19 February, 2021

2. Title: Advancement in Electric Vehicle Technology: A step towards Development of Sustainable Transportation System

Organized by: Prof. Varsha A Shah, Mrs. Chandani Gor, Dr. S. R. Arya, Dr. K. V. Praveen Kumar

Sponsored by: TEQIP III

Duration: 18-22 February, 2021

3. Title: Advances in Control Systems Engineering and Applications

Organized by: Dr. R. Radhakrishnan, Dr. G. Sushnigdha, Dr. H.G. Patel, Prof. S.N. Sharma

Sponsored by: TEQIP III

Duration: 24-28 February, 2021



“Coming together is a beginning, keeping together is progress, working together is SUCCESS” – Henry Ford