

**SHRI RAMDEOBABA COLLEGE OF ENGINEERING  
AND MANAGEMENT, NAGPUR**

**Department of Electronics Engineering**



ELECTROLITZ STUDENT

SOCIETY ACTIVITY REPORT

2020-2021



## **ELECTROLITZ**

The ELECTROLITZ Society was established in 1995. Since its inception ELECTROLITZ, the Students' society for the Electronics Engineering students, has worked tirelessly to achieve the solemn those set by this famed department with renewed vigor and vitality with every passing year. ELECTROLITZ is an organization of choice for Engineers in the Electronics, providing valuable and relevant services to all its members. ELECTROLITZ and its members are recognized by their peers as the technical leaders in the advancement of the Branch.

### **OUR VISION**

- ❖ To be the top performing and the most admired department in RCOEM.

### **OUR MISSION**

- ❖ Constantly achieving academic and co-curricular excellence.
- ❖ Developing diverse, innovative and result oriented students motivated to deliver excellence.

### **OUR AIMS AND OBJECTIVES:**

The objectives of ELECTROLITZ are to provide the students with the opportunity to know about the intricacies of the sphere which they are studying i.e. Electronics. It aims at a holistic approach towards learning by carrying out a host of technical activities. Not to be left astray of the extracurricular spirit, it also encourages cultural and sporting activities. No wonder abiding by these objectives, the students have brought laurels to this department.

ELECTROLITZ is committed to deliver excellence in curricular and co- Curricular activities by focusing on the following:

- ❖ Increase the level of support offered to students by the society.
- ❖ Promote an interest in the electronics field among students.
- ❖ Provide opportunities for students to develop life skills.
- ❖ Develop leadership skills.
- ❖ Organize field trips and competitions.
- ❖ Organize meetings, conferences and symposia for the specific purpose of exchanging information and ideas.
- ❖ Plan the annual meeting and other symposia to be appealing and relevant to our members.
- ❖ Recognize, publicly and with appropriate publicity, the achievements of the individual members of the society
- ❖ Be the source for reliable technical information and provide points of contact for the media on society's issue of current significance.
- ❖ Establish and promote practices and procedures that foster knowledge and enhance the status of electronics students
- ❖ Manage the financial affairs of the society in such a way as to provide the services required with the resources available.
- ❖ Motivate students and their parents, teachers to take a more active role in events.

**Society Teacher Incharges:**

Prof. Vishal Rathee (ratheevr@rknec.edu)

Prof. Snehal Laddha (laddhasv2@rknec.edu)

**1. List of CR's (ODD Sem)**

Sr. No.	Class - Section	Name of Class Representative	Roll No.	Email ID	Mobile Number
<b>First Shift</b>					
1	III-A	Fariha M A Mubeen Batool	11	batoolf@rknec.edu	8989400918
2		Rishabh Ratan Sharma	51	sharmar_1@rknec.edu	6264491291
3	III-B	Mansi Pradip Raghorste	12	raghortemp@rknec.edu	9527027905
4		Ronit Ravi Shahu	46	shahurr@rknec.edu	9145642169
5	V-A	Disha Dinesh Wanjari	04	wanjaridd@rknec.edu	9158254477
6		Ishaanya Deepak Poddar	34	poddarid@rknec.edu	8208995255
7	V-B	Meenal Rewatkar	16	rewatkarm@rknec.edu	7276674704
8		Abhishek R. Agrawal	34	agrawalar_1@rknec.edu	9422855562
9	VII-A	Divya Jyoti	07	jyotid@rknec.edu	7798138760
10		Ashwin Shukla	42	shuklaas_1@rknec.edu	7588957401
11	VII-B	Krishnum Gupta	15	guptakg@rknec.edu	9561440022
12		Rohan Khardenavis	51	khardenavisrp@rknec.edu	7721028469
<b>Second Shift</b>					
13	III-C	Rinjal Rajesh Jain	17	jainrr_3@rknec.edu	9834696257
14		Dipanshu Sanjay Mishra	25	mishrads@rknec.edu	8459432810
15	V-C	Chetna Gopal Agrawal	03	agrawalcg@rknec.edu	9730770011
16		Siddhesh Shivsanjay Jagtap	57	jagtapss@rknec.edu	8698280301
17	VII-C	Adarshita Prabir Khan	01	khanap@rknec.edu	8805473968
18		Jayesh Vijay Verma	34	vermajv@rknec.edu	8275776582

### **First Meeting**

**Date:** 18<sup>th</sup> July 2020

**Time:** 11:00 a.m. onwards

**Venue:** Online through Google Meet

The meeting of CR's of III, V, VII sem students all sections for session 2020-21 was conducted by Dr. (Mrs.) A. A. Khurshid (HOD, EN), Dr. R. S. Ochawar (2<sup>nd</sup> Shift Coordinator), Prof. B.M. Hardas (Academic Coordinator), Prof. S. Daware (DEC), Prof. V. R. Rathee, Prof. S. V. Laddha (Electrolitz student society Incharges).

#### **Agenda:**

To create awareness among students related to ordinances of UG programme & online/physical infrastructure facilities available for students in the department.  
Smooth conduction of online theory classes and laboratory courses.  
To create awareness about online learning portals like NPTEL, COURSERA, EDX etc.

#### **Discussion:**

In this time of crisis of COVID 19, CR's were instructed to cooperate and ensure smooth conduction of online theory and laboratory courses with active participation from students. Also they were informed to explore virtual lab setups and online tools that are available and communicate to their peers too.

Students were informed to maintain discipline during online lectures and SOP was discussed with them.

Students were motivated to enroll for various courses offered by COURSERA, NPTEL, EdX, etc. to develop and upgrade their skillset.

CR's were asked to help in planning and organizing online extra-curricular and co-curricular activities this semester as well as motivate students to participate in it. Final year CR's were specifically instructed to motivate their fellow colleagues for active participation in placement related activities, develop industry based projects and undergo internships in industries.

Students were instructed to inform their participation in any technical/curricular/co-curricular/extra-curricular events to student society incharges by taking prior permission.

Student grievances on providing online lecture notes and recordings, duplication in links provided to attend online lectures, request to wind up lectures within the stipulated time without extending it and extension of deadline for enrolling in COURSERA courses were noted and promised to be solved at the earliest.

The meeting ended with a note to accommodate all the suggestions given by CR's.

## **Second Meeting**

**Date:** 24 Feb 2021

**Time:** 1:00 p.m. onwards

**Venue:** Online on Google Meet

A meeting of all CR's of IV, VI and VIII semester students of all sections for session 2020-21 (EVEN) was conducted by Dr.(Mrs.) A.A. Khurshid (HOD, EN) in presence of Prof. S. V. Laddha (Electrolitz student society Incharge), Prof. Smita Daware (DEC) and Prof. B.M. Hardas (Academic Coordinator).

### **Agenda:**

- To enquire and create awareness among students related to regular attendance in classes.
- Online teaching and learning for the academic session
- Preparation for campus drive
- Online conduction of Test 1
- Propagate awareness about infrastructural and academic developments in the department and college and motivate students to do internships.

### **Discussion:**

- CR's were instructed to ensure smooth conduction of online classes maintaining discipline. Also students were informed to maintain 75% attendance in all subjects.
- Students were motivated to enroll for various courses offered by NPTEL and MOOC.
- Students were informed about the mode of conduction of Test 1 and motivated to study well and discuss queries related to various courses with their respective course teachers.
- Students were instructed to inform their participation in any technical/curricular/co-curricular/extra-curricular events to the class in charges and take prior permission.
- Students were motivated to participate in technical activities/ workshops/design contests.
- Students grievances related to subjects were promised to be solved at the earliest.
- The meeting ended with a note to accommodate all the suggestions given by CR's.

## 2. Appointment of President and Executive Members of Electrolitz Student Society

### Final Year Committee

Sr. No.	Name of Student	Sem- Section-R N	Post	Ph. Number
1	AKASH MORKHADE	VII-A-28	PRESIDENT	9503016884
2	ADVAIT KOLSE	VII-A-27	VICE PRESIDENT	9168524104
3	AMEY THAKUR	VII-C-39	VICE PRESIDENT	7972110119
4	JAYANT PANCHAL	VII-C-44	VICE PRESIDENT	9765488833
5	DISHA WANJARI	VII-A-4	GENERAL SECRETARY	9158254477
6	HARSHAL NAMPALLIWAR	VII-B-43	GENERAL SECRETARY	9595446891
7	TANMAY DEVIKAR	VII-A-57	SYSTEM HEAD	9921833908
8	SHREEYA PARTANI	VII-A-19	TREASURER	9156849761
9	YASHA SAHARE	VII-B-32	TREASURER	7666240879
10	ROHAN SHUKLA	VII-B-53	CULTURAL SECRETARY (DANCE)	7588741215
11	SAMVEDI BHAKTARTI	VII-C-20	CULTURAL SECRETARY	9168906142
12	SHREYASH DURAGKAR	VII-C-68	EVENT MANAGER	9158181666
13	YASH SHIVHARE	VII-B-60	EVENT MANAGER	9420568454
14	ABHA VIGHARE	VII-B-1	LETTER HEAD	9766936004
15	YASH SONI	VII-A-60	BACKDROP HEAD	9370275463
16	CHAITANYA PANDE	VII-B-40	ENTRIX HEAD	9518339070
17	AMEYA BIDWAI	VII-B-36	ENNOVATE HEAD	9421781204
18	KRITIKA JAIN	VII-A-6	SPORTS SECRETARY	9404757357
19	PRANAY GUPTA	VII-C-49	SPORTS SECRETARY	9764083189
20	TANISHQ SAHU	VII-A-56	MUSIC COORDINATOR	9623256758
21	SHUBHAM GATTANI	VII-B-56	DRAMA COORDINATOR	9407500725
22	SIDDHESH JAGTAP	VII-C-57	EMBEDDED CLUB PRESIDENT	8698280301
23	BHUMIKA BAIS	VII-A-01	T&P COORDINATOR	9422202793

**Third Year Committee**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Sem-Sec-R.N.</b>	<b>Post</b>	<b>Phone Number</b>
1	PRAJWAL GORLE	V-A-51	JOINT SECRETARY	7038918860
2	ESHA CHOUDHARI	V-C-9	JOINT SECRETARY	8600392003
3	MANISH RAI	V-A-49	JOINT SECRETARY	9168289804
4	MALAY KHAMARI	V-B-76	JOINT SPORT SECRETARY	9096690606
5	AKHILESH TIWARI	V-C-82	JOINT SPORT SECRETARY	8857861745
6	TANU DATT	V-C-29	JOINT SPORT SECRETARY	8698845610
7	ISHITA JAIN	V-A-11	JOINT SPORT SECRETARY	8830549823
8	AYUSH AGRAWAL	V-B-31	JOINT TREASURER	9595184171
9	SIMRAN BUDHWANI	V-C-27	JOINT TREASURER	8975489045
10	NEERAJ RANGWANI	V-B-43	JOINT CULTURAL SECRETARY	7028751005
11	KETAKI SALWAY	V-C-14	JOINT CULTURAL SECRETARY	9960984407
12	TARANPREET KAUR	V-B-25	JOINT CULTURAL SECRETARY	9146161264
13	AKANSHA BODHE	V-A-2	BACKDROP CO-HEAD	7038360724
14	LATIKA BHALOTIYA	V-A-14	BACKDROP CO-HEAD	9595291687
15	PRERIT RUDRAKAR	V-B-55	SYSTEM COORDINATOR	9730656427
16	MITHALI WAGHWANI	V-C-16	SYSTEM COORDINATOR	7219339878
17	HARSH CHOUHAN	V-C-44	PHOTOGRAPHY CO-HEAD	7030625430
18	KAUSHIK JAISWAL	V-C-46	PHOTOGRAPHY CO-HEAD	7559388032
19	SAMEER JAIS	V-C-60	VENUE CO-HEAD	8459670402
20	HIMANSHU AMBULE	V-B-37	VENUE CO-HEAD	9284897697
21	NIRNAY PATIL	V-B-44	MUSIC COORDINATOR	8421844636
22	SHRESHTHA GOLE	V-A-30	DRAMA COORDINATOR	8806094293



### **3. Orientation of Second Year Students**

An online orientation program for second year students (1<sup>st</sup> shift and 2<sup>nd</sup> shift) was organized in the department of Electronics Engineering on 06/08/2020 via Google Meet. At the outset Prof. Vishal Rathee, ELECTROLITZ Society Incharge, welcomed the students and gave a brief description about the department infrastructure and staff members of the Department. He also briefed about the work carried out under different clubs/cells of the department like Embedded club, Career Councelling cell, Enterpreneurship Development cell, etc. Dr. A. A. Khurshid, HOD, Electronics Engineering Department, then briefed the students about the various programmes run by the Electronics Engineering Department (UG, PG and Doctoral). She briefed the students about the changes in curriculum, Major and Minor schemes, open electives, challenges that can be encountered while obtaining placements or going for higher studies and how to tackle them. She elaborated on the advantages of major and minor scheme in interdisciplinary education and urged the students to take maximum benefit, aim big, create opportunities by accepting challenges, maintain a good academic record and participate in events so as to improve their overall personality thereby improving their chances of placements with higher packages in renowned companies. She also briefed the students about the research internship scheme floated in the department and 6-8 weeks mandatory internship clause which a student has to complete before his/her final year and its evaluation pattern. Dr. R. S. Ochawar, Second shift coordinator in her address motivated the students to do such internships with good industries/research institutes which would help them to get good exposure and add weightage to their resume. She urged the students to opt for major and minor schemes as well and earn additional credits. Also students were told about the students' society ELECTROLITZ which organizes different activities and events at department level. Over 100 Students took part in the program.

**Prof. Smita Daware, DEC (Department Exam Committee) In-charge** briefed the students with current academic calendar, policies & ordinances related to examination pattern of internal test and end semester exam, marks distribution, incentive criteria , Assessment pattern, detention criteria, rules for appearing in makeup exams & all other exam related work/patterns.

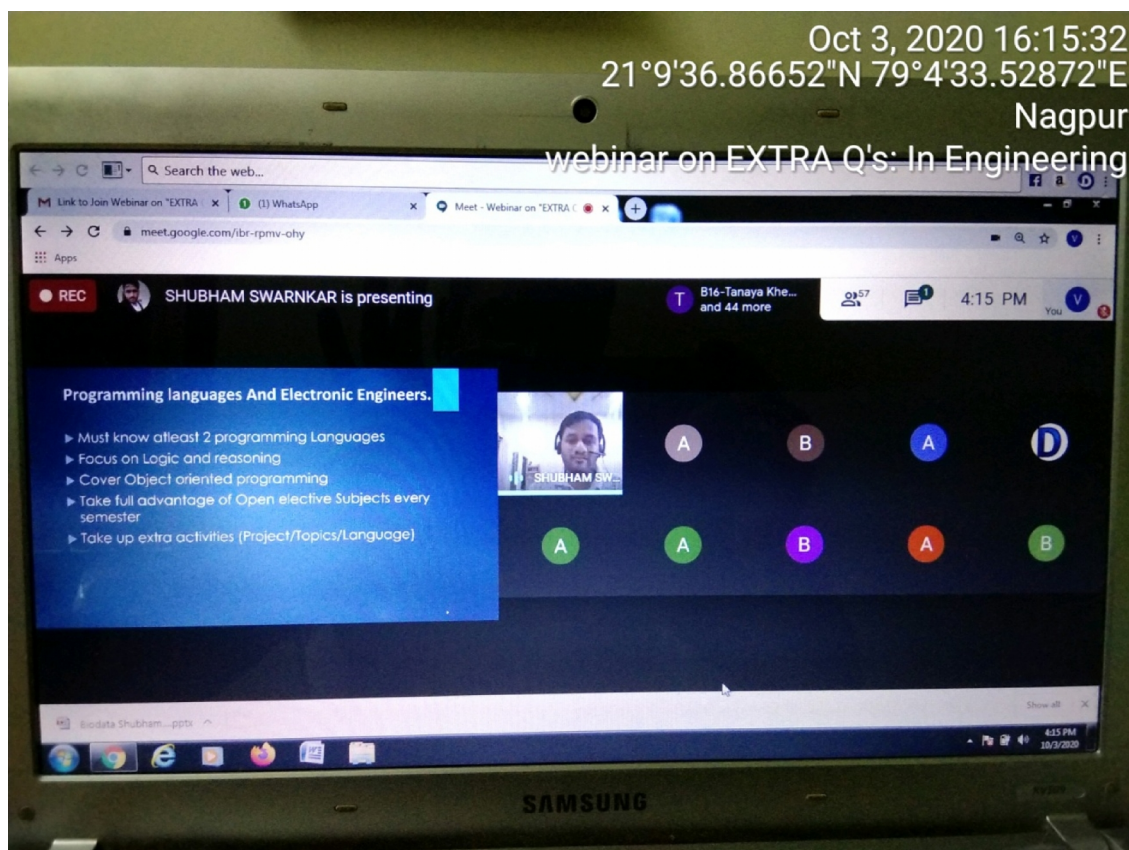
**Prof. Sandeep Pande, Training & Placement Cell Coordinator** briefed the students about various activities conducted under Training & Placement Cell in accordance with the central T&P. He briefed students about the type of preparation required to get placed in a good company and also told them from where and how to do it. First and the foremost thing he urged the students is to maintain a very good academic record to be eligible for placements. He also made aware the students with some of the companies that visit the campus and the skillsets like artificial intelligence, IOT, DBMS, etc. required to get into them.

He urged the students to take benefit of the current situation and do maximum online courses and improve their skillset through platforms like COURSERA, EdX, NPTEL, etc. which are available. He told students to focus on improving their aptitude, soft skills and coding skills as it's the need of the hour. He encouraged students to take part in various codings competitions like Hackathon, Hacker Rank, TCS Coding challenge, etc. to learn new things and strengthen their resume. He assured the students that he will be seperately conducting sessions for them from time to time and updating them about what are the do's and don'ts for a good future.

In the end Prof. Snehal Laddha, IETE and Electrolitz Incharge urged the students to actively participate in all the extra and co-curricular activities to enhance their personality.

#### 4. Webinar on “Extra Q’s: In Engineering”

An online webinar for creating awareness amongst students elaborating on what extra efforts are to be taken to improve their skillset thereby enhancing their overall personality, placements and overall future prospects while pursuing engineering was organized on 3 October 2020 by Electrolitz students society. Mr. Shubham Swarnkar, an alumnus of RCOEM, 2013 batch and Senior Engineer, Bluetooth Firmware Developer, Qualcomm, Hyderabad, conducted the session. A total of 71 student registrations were received for the session.



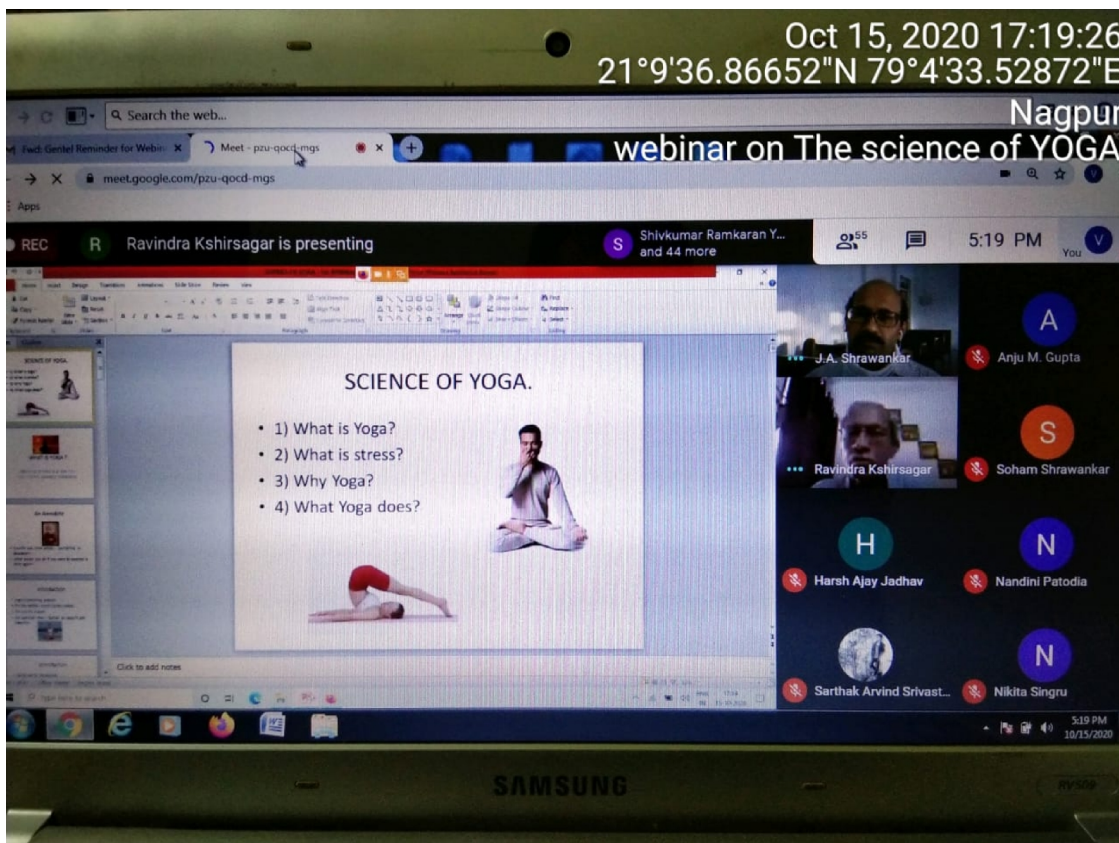
After being introduced by Prof. Vishal Rathee, Mr. Shubham in his presentation talked at length on the Significance of Learning programming languages for Electronic Engineers, Practical applications of Python, Cloud, AI, ML, IOT in core Electronic industries, Importance of doing good courses on Coursera, EdX, Udemy and methodology to select them and Role of Electronics Engineer in a company like Qualcomm and ways to get entry into it. He also briefly discussed about the significance of selecting an industry level project and its role in resume enhancement of a student. Concluding his talk he tried to solve all the queries of students and advised them to take steps and develop themselves in the field of their interest.

## 5. Webinar on “The Science of YOGA”

An interactive webinar on “The science of yoga” was jointly organised by the Department of Electronics Design Technology and the department of Electronics Engineering on 15<sup>th</sup> October 2020. Dr. Ravindra Kshirsagar, MBBS, MD, MSc (Yoga Therapy) and currently working as general physician at Lata Mangeshkar Hospital, Hingna, Nagpur was the guest speaker. The session was organised for the students and faculty to introduce them about scientific aspects of yoga and its benefits.

Dr. J.A. Shrawankar, Associate Professor, EDT Engineering Department, introduced the speaker to the audience. Head of the department Dr. (Mrs.) A.A. Khurshid welcomed the guest and expressed her gratitude towards the speaker for being a part of this event. She urged the audience to take benefit from this webinar and introduce yoga in their day to day life.

During the session Dr. Kshirsagar, started with the basic meaning of Yoga and stressed that yoga is neither a magic nor a rope trick nor it is only Asanas and pranayama, it is much more than that. He quoted examples from the life of Swami Vivekananda to make audience understand it. He added that yoga can connect individual self and universal self together. He also discussed Patanjali yoga sutras which are over 4000 years old. He emphasized that according to Patanjali yoga it is a conscious process of getting mastery over mind and then only one establishes himself to be in casual state.





Dr. Kshirsagar also explained Ashtanga Yoga as started by Patanjali which are yama, niyama, asana, pranayam, pratyahara, dharna, dhyan and samadhi. Afterwards he briefed about what is stress? What is the origin of stress? What changes it brings in us and also told how yoga can help in reducing stress. He stressed it works on 3 levels which are physical, emotional and intellectual and can be controlled.

He iterated that at the intellectual level in the modern era of science a sharp intellect plays a key role in the scheme of education. Rather than mechanical cramming up of information, thinking and understanding is valued more in the learning process. Yoga emphasizes the skill to concentrate as well as calm down the mind and it is this skill to pacify the mind that brings the capacity to detach. Hence Yogasanas is attracting the attention of many individuals suffering from such intellectual slavery bringing them into its fold.

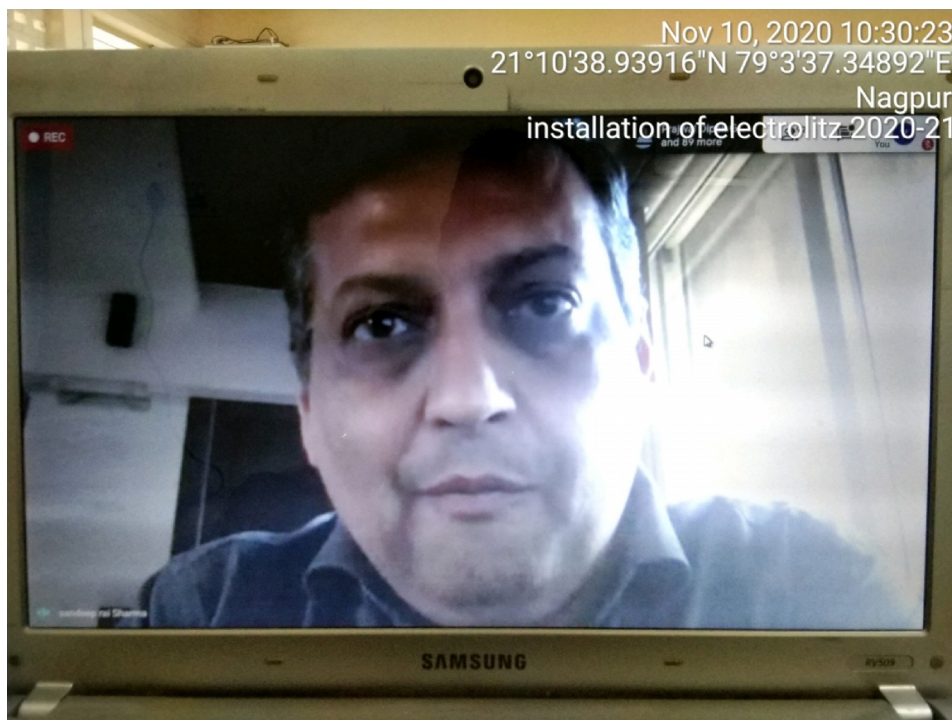
During the registration process participants were asked to submit their specific queries/questions on the topic of interaction which the speaker tried to answer during the session. As it was an interactive webinar, many students and faculties asked their queries about the yoga and its practicing methods in the end as well.

More than 55 students and faculty members from both the branches were benefited from the session. The vote of thanks was given by Prof. Snehal Laddha of Electronics Engineering Department.

## **6. Electrolitz Society Installation “Enthroned”**

New executive body of Electrolitz, Electronics Engineering students’ society of Shri Ramdeobaba College of Engineering and Management was installed on 10th November 2020 for the year 2020-21.

Mr.Sandeep Rai Sharma, Managing Director, Technology Solutions North America, Advance Technology Center of Accenture in India was the Chief Guest for the function. During his address to students, he elaborated on the situation brought by the current pandemic COVID in industry working pattern and urged the students to always remember a famous saying “Disruption brings inconvenience but also brings opportunities”. He encouraged the students to accept the change and innovate/reinvent themselves accordingly. He urged students to actively participate in developmental activities and do courses online so as to improve their overall personality/skills as well as develop a good resume which will help them to excel in their field of interest and hence achieve their career goals.

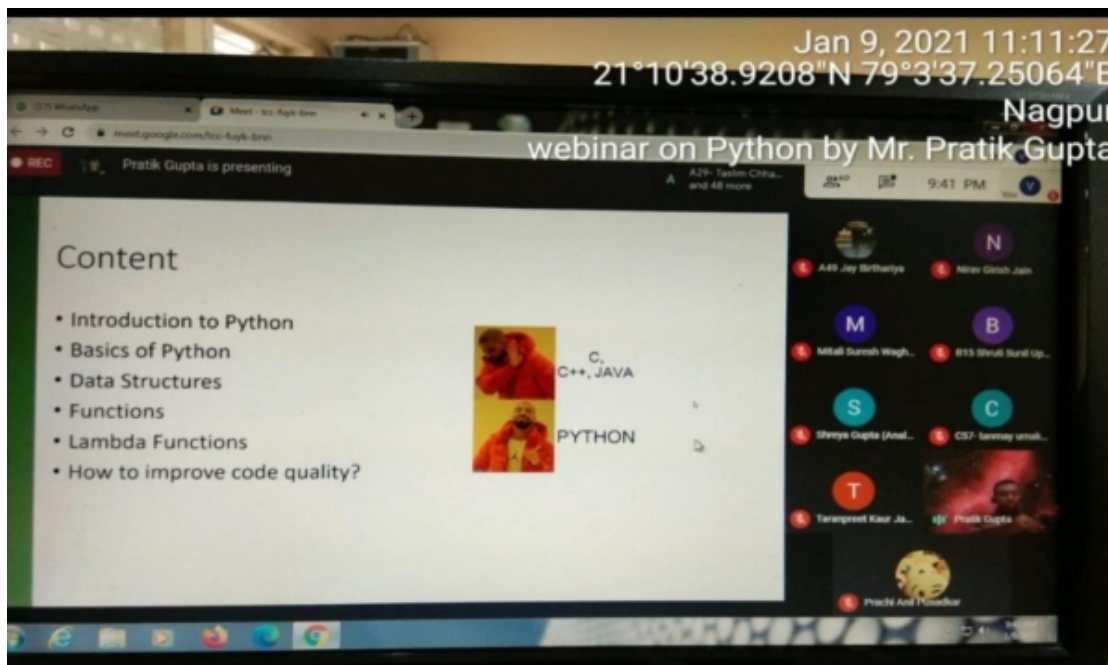


Dr. (Mrs).A.A.Khurshid, Head Electronics Engineering department presided over the function while Prof. Vishal Rathee, Prof. Snehal Laddha, Electrolitz society in charges and Mr. Akash Morkhade, Student President of the society were prominently present. Dr.(Mrs).A.A.Khurshid, Head of Department highlighted the salient features and achievements of the department and also encouraged students to have active participation in technical as well as co-curricular activities within and outside the institute and use the wings of knowledge to be successful in their careers and serve the society.

Mr. Akash Morkhade, President of the society presented a detailed report on various activities carried out by Electrolitz society. Departmental magazine ENSPIRE-13 was also released at the hands of dignitaries.

### 7. Webinar on “Introduction to Python: Tips and Tricks to code better”

A webinar on “Introduction to Python: Tips and tricks to code better” was organised by Electrolitz Student Society on 9th January 2021. Mr. Prateek Gupta, Application development Senior Analyst, Accenture, who is also Alumni of the department passed out in year 2015 delivered hands on sessions on Python programming. The session received overwhelming response in terms of participation from all undergraduate courses of the institute. A total of 85 participants attended the session through Google meet platform. Faculty Incharges of Electrolitz Students society were present during the session.



The webinar ended with doubt solving on python programming and question-answer session. Mr. Prajwal Gorle proposed the vote of thanks.

## 8. National Youth Day Celebration

12<sup>th</sup> January is celebrated as the birth anniversary of late Swami Vivekanand, also known as National Youth day in India. Swami Vivekanand had always strongly believed in youth and the importance of youth power towards nation building and universal brotherhood. An online webinar for creating awareness amongst the students regarding the ethics and power of youth in the society was organised by Genesis and Electrolitz Student Society on the eve of National Youth Day i.e. 11<sup>th</sup> January 2021. Prof. Rajesh Padmar, A lecturer by Profession and Social Activist, Bengaluru was the speaker for this Motivational webinar.



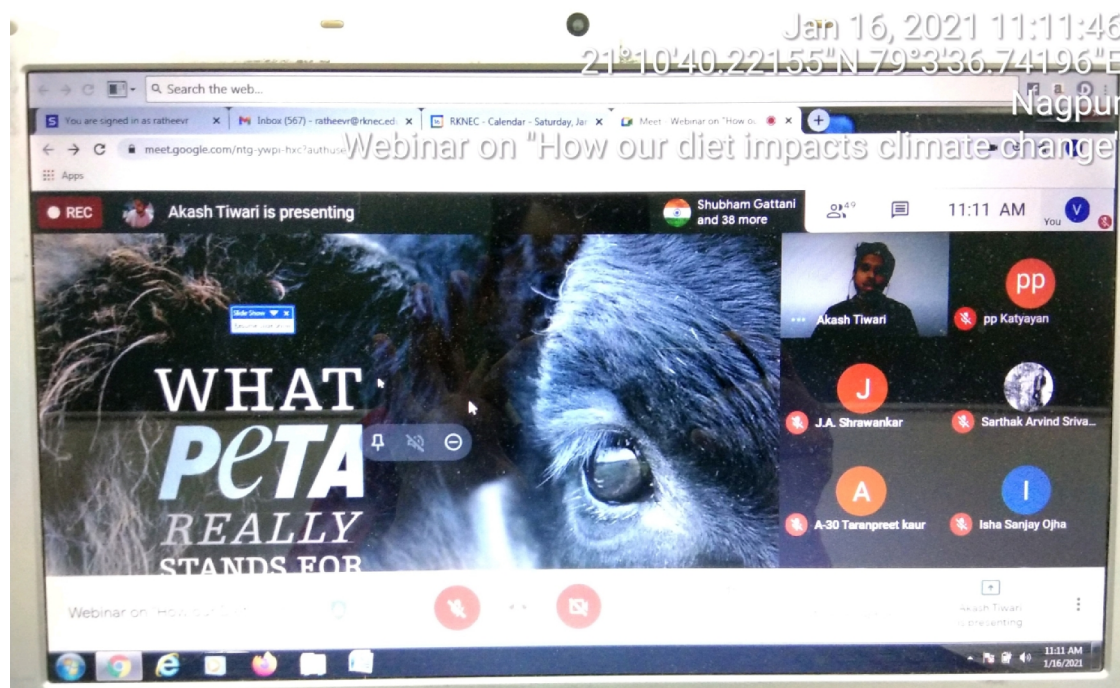
After the guest speaker was introduced by Ms. Ritika Rathi, Addressing the audience Prof. Padmar talked about Swami Vivekananda's lifestyle and his moto of "Service and Sacrifice", attraction of Swami Vivekanand towards youth and inspiration that could be taken from one of the greatest youth icon of the country. What should it mean to celebrate National Youths day and the difference a youth can make by its sheer intellect and power in the society was elaborated by Prof. Parmar in the session. He motivated youngsters to rise above me and myself and contribute for social causes.

The webinar was attended by the Electrolitz and Genesis members and was compered by Ms. Priyanka Maske whereas Mr. Ayush Agarwal proposed the vote of thanks.



## 9. Webinar on “How Our Diet Impacts Climate Change”

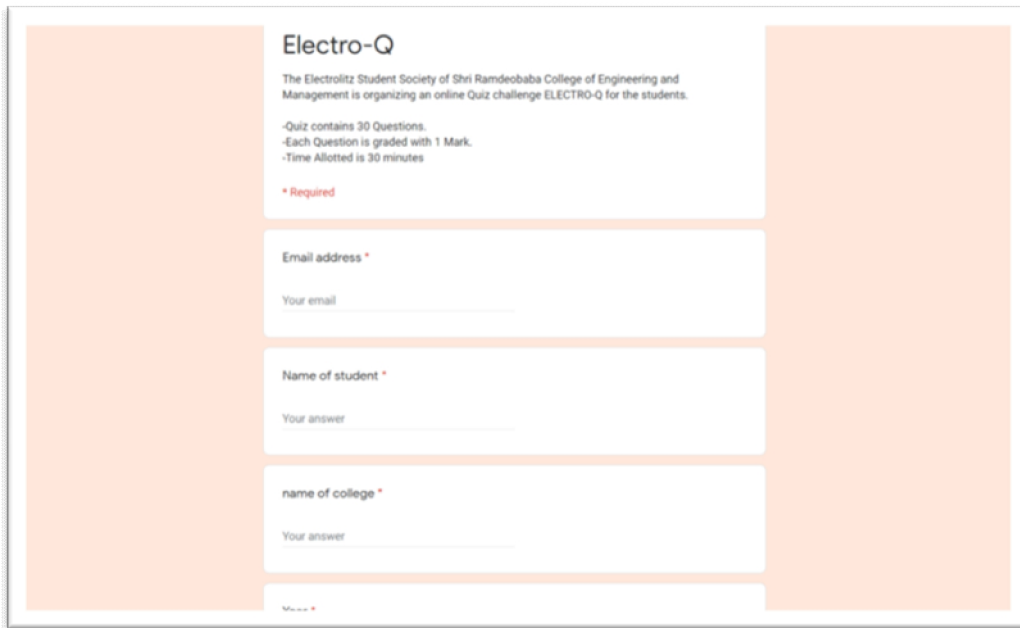
In the last one year, due to COVID'19 people around the world have demonstrated more concern and interest about their eating habits. Recently, a relatively new strain of influenza virus namely Bird flu is again spreading its wings which has led people to think and revamp their diet. In this perspective, an online webinar on “How our diet impacts climate change” was organised by Electrolitz and Genesis Students' Society of Department of Electronics and Electronics Design Technology, respectively on 16<sup>th</sup> January 2021 in which around 55 students took part. The guest speaker for this webinar was Mr. Akash Tiwari an alumni of Electronics Department (2016 passout), RCOEM, Nagpur and presently a Youth Outreach Co-ordinator for PETA India.



After being introduced and welcomed, Mr. Akash talked about recent incidents that have happened around the world with the widespread of different types of viruses. He also talked about the effect on environment due to the dietary habits of humans. Giving statistical analysis and also citing numerous examples, he talked about the amount of resources being spent on first breeding animals and then later annihilating them thereby causing irreparable damages to the environment as well. He also talked about the benefits of plant based diet and being Vegan. He encouraged the students to get associated with PETA, India and take part in various drives and events organized by it so as to spread awareness about animals' right issue and advantages of having a plant based diet. Being an engineer he also talked about what role students can play by way of their projects so as to contribute for a better environment. Later in the end, Mr. Akash clarified the doubts raised by the students in an interactive Q & A session. He thanked the department and the students' society for organising this session and also wished to remain in touch. The Webinar was anchored by Mr. Ayush Agrawal and vote of thanks was proposed by Ms. Ayushi Pedulwar.

## 10. “ELECTRO-Q” A Quiz Competition

The Electrolitz Student Society of the Department of Electronics Engineering of Shri Ramdeobaba College of Engineering and Management, Nagpur organized a state level Online Quiz challenge ELECTRO-Q for the Students of Electronics, Electronics and Communication, Electronics and Telecommunication, Electronic Design technology and Electrical Engineering on February 15, 2021.



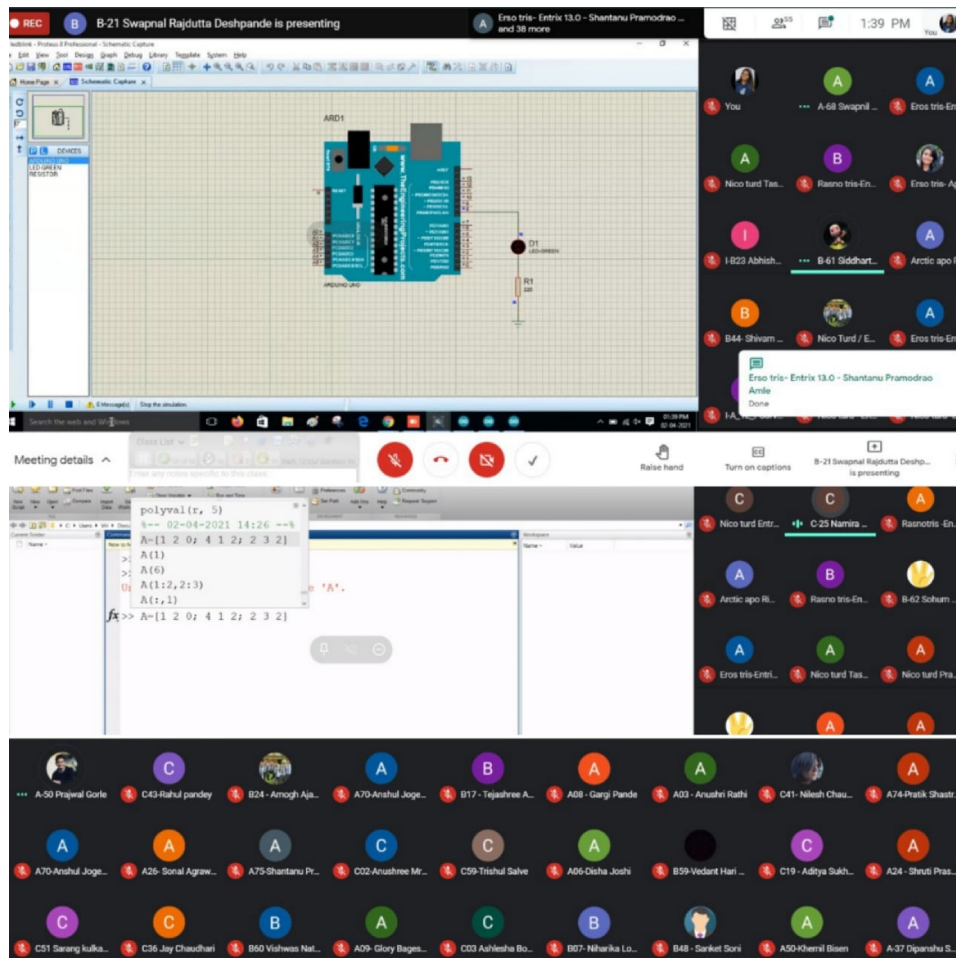
The screenshot shows a registration form titled "Electro-Q". The form is set against a light orange background. The title "Electro-Q" is in a bold, dark font. Below the title, there is a paragraph of text: "The Electrolitz Student Society of Shri Ramdeobaba College of Engineering and Management is organizing an online Quiz challenge ELECTRO-Q for the students." This is followed by three bullet points: "-Quiz contains 30 Questions.", "-Each Question is graded with 1 Mark.", and "-Time Allotted is 30 minutes". Below this, there is a red asterisk and the word "Required". The form consists of four input fields, each with a label and a red asterisk: "Email address", "Name of student", "name of college", and "Phone". Each field has a placeholder text: "Your email", "Your answer", "Your answer", and "Your answer" respectively. The form is enclosed in a thin black border.

The Quiz was MCQ type testing basic aptitude and technological concepts of the participants. A total of 30 minutes were given to the students to answer 30 questions, 15 on aptitude and 15 on core electronics. The event received overwhelming response as over 190+ students from different colleges of Nagpur and even from different cities like Nashik and Nanded registered for it. Over 145+ students appeared for the Quiz amongst which Mr. Sourabh Ambade from Electronics Engineering, Ms. Jigisha Lonhare from Electrical Engineering and Mr. Abhinav Kayarkar from Electronics and Communication Engineering all from RCOEM, Nagpur received the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> prize, respectively.

The Event Co-ordinator and the Students Convener of the Electrolitz Students' Society, Prof. Vishal Rathee and Prof. Snehal Laddha thanked students for participating in this quiz challenge. They also praised the work of organizing committee for making this quiz successful and promised to have such events in future also.

## 11. “ENTRIX” A Technical Workshop

A three-day technical workshop ENTRIX 13.0 for Second Year Students of Electronics Engineering Department was organized using online medium from 2<sup>nd</sup> April - 4<sup>th</sup> April 2021. The objective behind the workshop was to strengthen student-student bonding as well as enhance technical capabilities of students as in this workshop senior students from third and final year give their junior’s theoretical and hands-on practice on some of the recent prevalent technologies and tools. Before the start of the workshop, Mr. Chaitanya Pande -ENTRIX 13.0, HEAD gave a brief introduction to all the participants about what all would be covered in the workshop and encouraged them to grab this golden opportunity of learning and convert that into technological projects/products. The workshop included different learning modules such as BASIC AND ADVANCED ELECTRONICS, MATLAB, ORCAD and EMBEDDED SYSTEM DESIGN.



In the workshop, students were taught some essential concepts module wise and were given hands-on experience on tools like MATLAB, PROTEUS, EAGLE etc. In MATLAB sessions students were briefed on topics like generating and analyzing signals and creating image filters. Students were also briefed about PCB design tools like ORCAD, EAGLE and PROTEUS. In BASIC AND ADVANCED ELECTRONICS sessions, basic electronic circuits were designed and simulated using multisim while understanding the role of each component used.

In EMBEDDED SYSTEM DESIGN session students were taught to interface sensors and access data through CLOUD along with concepts of IOT. About 58 students participated in this workshop and the teaching committee included thied year students who were trained by the final year students. Dr. (Mrs.) A.A.Khurshid, Head of the Department, Prof. Vishal Rathee and Prof. Snehal Laddha-Convener ENTRIX 13.0 congratulated the students for successfully conducting the workshop in this testing time.



## 12. Donation Under Seva Disha Cell.

As Covid-19 pandemic has affected many people's livelihood, "Seva-Disha" a social responsibility cell of Electronics Engineering department managed by Electrolitz Student's Society took initiative along with Genesis Students Society of EDT department towards distribution of food kits to dust-blower workers of the institution. The staff members and students of EN and EDT department made contribution for buying the food kits.



The collected amount was utilized to purchase food packages which were distributed to the dust-blower workers of the institute. A total of 61 food kits were distributed among dust-blower workers comprising of helpers, sanitizing workers, technical assistants and office assistants.