



DAYANANDA SAGAR UNIVERSITY

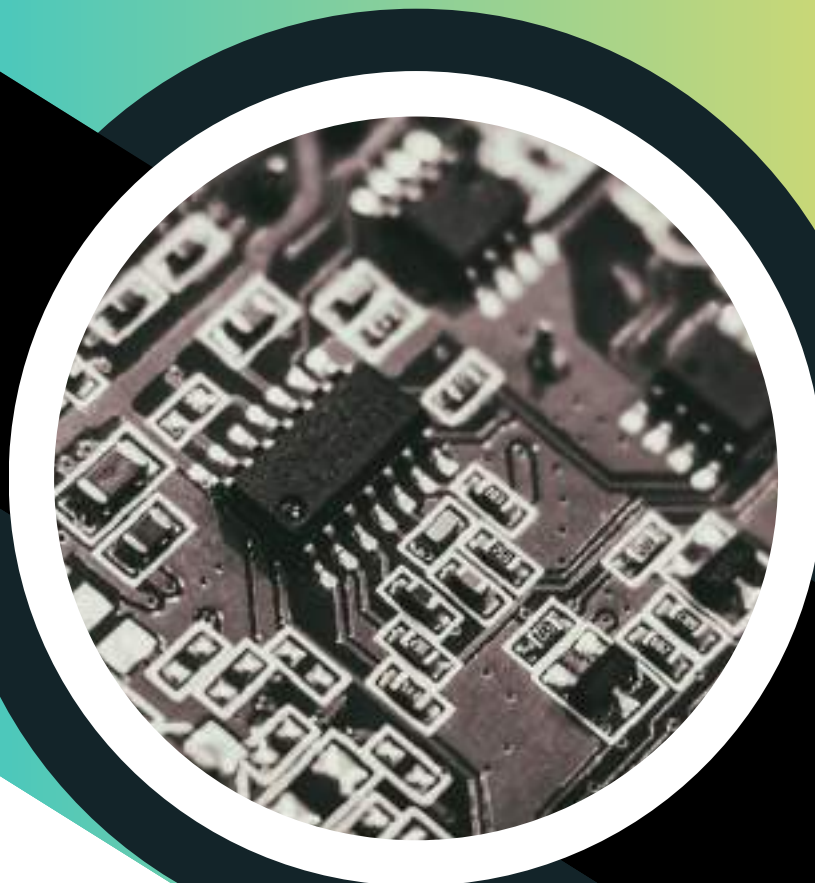
SCHOOL OF ENGINEERING

ELECTROCLIPS

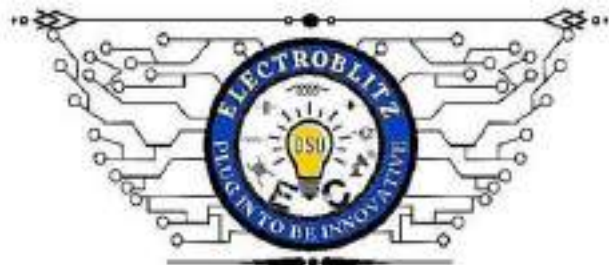
JAN - JUN 2023

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THE BIANNUAL NEWSLETTER OF ELECTRONICS



PRESENTED BY
ELECTROBLITZ CLUB
DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING



DAYANANDA SAGAR UNIVERSITY

SCHOOL OF ENGINEERING

ABOUT THE DEPARTMENT

Dayananda Sagar University, School of Engineering started with the Electronics and Communication Engineering (ECE) Department in the year 2015. As a unit of excellence, the Department is well committed to impart the knowledge with highly qualified and well specialized faculty in the vistas of Electronics and Communication. The department has well established infrastructure and innovative labs put in place to facilitate the first and experience to students, for its academic and research programs. It runs four programs namely UG, PG with specialization of Embedded systems, B.Voc in Mechatronics and Doctoral degree. The department has collaborated with NTTF to offer the Vocational degree. This program enables the graduating students to accept a professional career which demands very high-level industry relevant skills. An exclusive BOSCH REXROTH lab is integrated into the curriculum and students can conduct automation projects. The industry sponsored Analog Devices Lab also provides students with opportunities to conduct research in the Communication Domain. The department faculty have patents and sponsored research projects funded by various Government funding agencies.



VISION

"To create innovative Engineers and Entrepreneurs with technological excellence, professional commitment and social responsibility for serving national and global needs."

MISSION

- Inculcate Academic Excellence through innovative teaching and learning processes and espousing appropriate pedagogical parameters.
- Reinforce the Students with desired technical aptitude, entrepreneurial and leadership skill sets enabling them to face the challenges of globalization and technological sophistication.
- Initiation with understanding the psychology of students, socio-cultural aspects of the bidirectional learners, vitality of interdisciplinary approach, value addition through interactive and collaborative learning. This is followed by systematic and sequential implementation of syllabus upgradations on par with industrial revolution.



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Program Educational Objectives (PEOs) - UG

- Our Graduates will have in-depth knowledge of Electronics and Communication Engineering with promising professional careers in private and public sector or higher education.
- Our Graduates will be successful in solving Engineering Problems with innovative ideas and acquire managerial skills for desired outcomes.
- Our Graduates will have the motivation for perennial learning and progress their careers by inculcating interpersonal, leadership and social skills.
- Our Graduates will be active members for catering to the society locally and globally with Ethics and Integrity.

Program Educational Objectives (PEOs) - PG

- Analyze and formulate suitable Electronic Design Automation (EDA) to solve real world problems in the Embedded Systems domain to design innovative products and systems.
- Develop managerial skills and relevant techniques in the disciplines of Embedded Systems that include safety and sustainability, and become a successful professional or entrepreneur in the sector.
- Pursue a career in Embedded Systems research by self-teaching and self-directed research on cutting-edge technology.

Program Educational Objectives (PEOs) - B.Voc

- Our Graduates will have in-depth knowledge of Mechatronics (B.VoC) with promising professional careers in private and public sector or higher education.
- Our Graduates will be successful in solving Engineering Problems with innovative ideas and acquire managerial skills for desired outcomes.
- Our Graduates will have the motivation for perennial learning and progress their careers by inculcating interpersonal, leadership and social skills.

Program Specific Outcome (PSO) - UG

- Apply the knowledge of Electronics and Communication to solve Engineering Problems in various domains of Engineering Sciences.
- Adopting analytical skills and complementing the cross-cutting technology to arrive at optimum solutions for Engineering Problems.
- Adaptability to dynamic work environment to address the societal needs with ethical approach.

Program Specific Outcome (PSO) - PG

- Develop skills in Embedded Systems, Design, Testing, Verification, and prototyping with a focus on applications.
- Integrate numerous subsystems to create a System On Chip, enhance its performance, and excel in Embedded domain-related industries.
- Apply use contemporary design tools for efficient product development.

Program Specific Outcome (PSO) - B.Voc

- Apply the knowledge of Mechatronics to solve Engineering Problems in various domains of Engineering Sciences.
- Adopting analytical skills and complementing the cross-cutting technology to arrive at optimum solutions for Engineering Problems.
- Adaptability to dynamic work environment to address the societal needs with ethical approach.

*“The more you see the good in them,
the more you will establish good in
yourself.”*

– Paramahansa Yogananda

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SCHOOL OF ENGINEERING



Dr. Udaya Kumar Reddy KR

Dean

School of Engineering,
Dayananda Sagar University, Bengaluru.

I Am delighted that the Department of Electronics and Communication Engineering is bringing out the newsletter that can provide wonderful insights for students and faculty fraternity.

A lot has been happening in Electronics Sciences over the years, and one of the significant changes involves this newsletter.

Our graduate students are doing amazing things in many different areas in different ways. In the current issue, you'll meet some remarkable students and faculty who are making a difference in the technical aspects and otherwise. We are hoping to build this endowment with your support, to afford even more opportunities for students to take part in this important component of their graduate education.

I hope this newsletter provides the reader a wonderful insight and I thank the editorial team for their wonderful effort in bringing out this masterpiece.

WISH YOU ALL THE BEST.

It is with immense pleasure that we present you our Department Newsletter. As Chairman I am hugely impressed by the commitment of the staff in providing an excellent all-round education for our students with our state of the art facilities. We as a team working together, strongly promote the zeal towards academic achievement among our students. The cultural, sports and other success of all our students and staff are also proudly celebrated together. If our ideas are expressed and thoughts kindled, we can be sure of learning, as everything begins with an idea.

This newsletter highlights the department academic activities, student and faculty achievements. It also summarizes the Technical and Non-technical activities conducted as well as participated by the department. This motivates students and faculty to share their views, ideas towards overall development of the department. A variety of Technical Blogs and Literary works gives us the sense of pride that our students and faculties possess creative potential and unique thinking in ample measures.

I applaud the contributors for the stimulated thoughts and varied hues in the articles contributed by them. I extend my thanks to editorial board, student volunteers and all contributors for the success of this newsletter.

“No one is wise by birth, for wisdom results from one own’s efforts.”

– T. Krishnamacharya

Dr. Theodore Chandra

Chairman, Department of ECE

School of Engineering,
Dayananda Sagar University, Bengaluru



DAYANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING

DEPARTMENT ACTIVITIES

*Industrial Visit to
Cimtrix Systems (P) Ltd*

The Industrial Visit to Cimtrix Systems (P) Ltd. situated in Peenya, Bangalore was organized on the 27th and 28th February 2023, by Dr. Saara K, Prof. Navya R, Prof. Ms. Rashmita Sahoo, Dr. Godfrey, Dr. Vinu R, Dr. Arun Ananthanarayanan and Dr. Shirshendu Roy. 110 students of ECE 3rd year actively participated in the visit. It gave the participants, exposure to learn more about manufacturing, exporting, and supplying a quality assortment of industrial automation systems in the practical domain. Mr. Omkar Upadhyay, the founder of company, very patiently briefed about all their existing and upcoming products in detail.

*Don't take rest after your first
victory because if you fail in
second, more lips are waiting to
say that your first victory was just
luck.*

-A. P. J. Abdul Kalam



DAYANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING

DEPARTMENT ACTIVITIES & ACHIEVEMENTS

*A visit to IISC to attend event
“Semicon India Future Design” organized by
MeitY*

Union Minister of State for Skill Development and Entrepreneurship Rajeev Chandrasekhar launched the second Semicon India Future Design roadshow.



The road show held to encourage startups, next generation innovators and global and Indian Semiconductor majors to invest in the semiconductor design ecosystem of India. The minister had said that India will design and co-design NextGen devices and electronics products through the Semicon India future Design program.

It was Immense pleasure to receive the invitation to attend this event from CDAC. From the Department of Electronics and Communication Engineering 6 faculty members Dr. Pushpamala, Dr. Sneha Sharma, Dr. Supraja, Prof. Shwetha M P, Prof. Jayashree, Prof. Jissy along with 40 students attended the event and received more exposure on IC Technology.

FACULTY PUBLICATIONS

C. Ranjith B. Gowda, P. Sharan, K. Saara (2023), "Highly sensitive temperature sensor using one-dimensional Bragg Reflector for biomedical applications", Journal of Biomedical Engineering, 30th January 2023, <https://doi.org/10.1515/bmt-2022-0482>

B. Ranjith B. Gowda, P. Sharan, K. Saara (2023), "1-Dimensional silicon photonic crystal pressure sensor for the measurement of low pressure," Results in Optics, Elsevier Journal, <https://doi.org/10.1016/j.rio.2023.100352>. Published online on 4 January 2023.

A. Suchandana Mishra, P. Sharan, K. Saara (2023), "Optomechanical behaviour of optical sensor for measurement of Wagon weight at different speeds of the train," Journal of Optics, Springer, doi:10.1007/s12596-022-01047-z., Published online on 7 January 2023.



Dr. Saara Khamar
Associate Professor

DAYANANDA SAGAR UNIVERSITY

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DEPARTMENT ACTIVITIES & ACHIEVEMENTS

International Women's Day



The Department of Electronics and Communication Engineering celebrated Women's Day with all the faculty members and the students, on the occasion of the International Women's Day on 8th March 2023. The event was led by Prof. Nandini G Rao, Assistant Professor, in which housekeeping staff of the college were the invitees to receive wholehearted thanks from each one of them for helping us every day.

This was followed by a talk about women power by the girls with the beautiful shades of pink, who won surprising prizes by the judges by Dr. Pushpa P V and Dr. Saara K. Dr. Pusphamala S, IEEE Execom member gave an inspiring speech about the women empowerment and awareness about the women cell in Karnataka. She also highlighted on the benefits of IEEE membership to each faculty and student.



FACULTY CONTRIBUTIONS

D. Pushpa Mala Siddaraju ·
Suhiepha Sameer · Sneha Shree
Manjunath · Sneha, "Digital Twin
for Image-Based Particle Pollutant
Matter Prognosis", Journal of The
Institution of Engineers: Series B,
Springer, 22nd February 2023.



Dr. Pushpa Mala S
Associate Professor

Mukti Chaturvedi has been awarded the Degree of PhD under the guidance of Dr. Arungalai Vendan S, Professor, Dept. of ECE, SOE, DSU. Her domain of study was Material joining using advanced welding technique.



Dr. Mukti Chaturvedi
Assistant Professor

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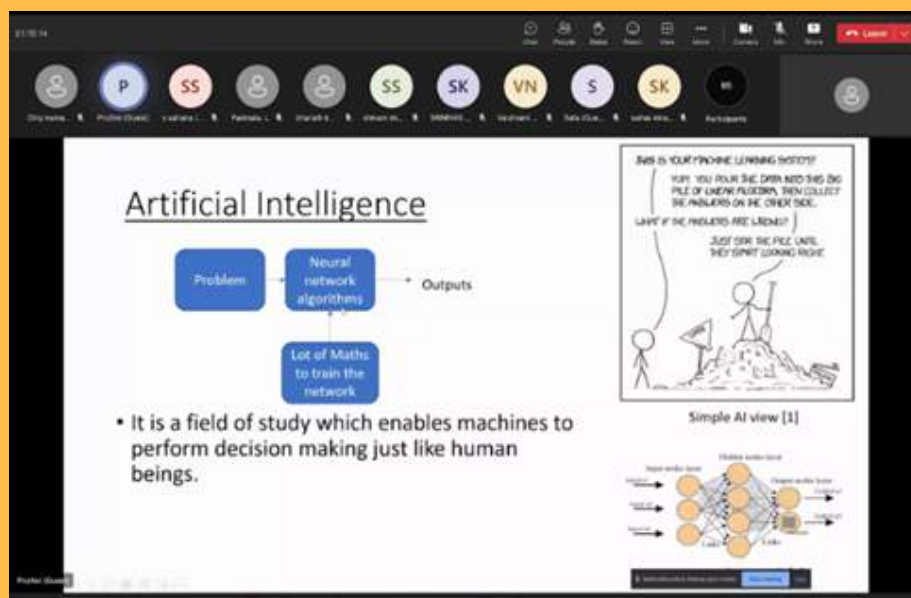
SCHOOL OF ENGINEERING

DEPARTMENT ACTIVITIES

Invited Talk 1- Designing a RISC-V Architecture based Processor for General Purpose Computing.

Department of Electronics and Communication Engineering organized Invited talks headed by Dr. Ashwin Desai, Associate Professor on 08th April 2023 from 2:00PM to 4:00PM. The speakers were Mr. Dilip Kumar Erappa, Digital Design and Verification Engineer, Siliconally GmbH, Germany, MS in Nanoelectronics Systems, TU Dresden, Germany and Mr. Pruthvi Raj Venkatesh, Digital Design and Verification Engineer, NXP semiconductors, Germany, Ms in NanoElectronics Systems, TU Dresden, Germany.

The first speaker, Mr. Dilip Kumar Erappa spoke about “Designing a RISC-V Architecture based Processor for General Purpose Computing.” This 1-hour lecture enlighten the audience about the significant features and advantages of RISC-V Architecture based processors.



This was followed by a talk by the second speaker Mr. Pruthvi Raj Venkatesh, who gave a lecture on “Vector Computing using RISC-V Vector extensions for Future AI based applications.” This gave an overview on the aspects of vector computing suitable for future AI based applications.

Prof Abhinav Karan, Assistant Professor has been empaneled as a subject matter expert at LG, Bangalore campus in the field of "Natural Language Processing".



Mr. Abhinav Karan
Assistant Professor

STUDENT ACHIEVEMENTS

The students of 6th sem Ece - Ankitha, Anupama and Adhithya have won 1st prize in Protothon event held by cybersecurity department. They also received a prize amount worth 10000 rupees.



DAYANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING**DEPARTMENT ACTIVITIES*****Interaction with TEXAS***

A team from Texas, headed by Ms. Shruti G [Manager – Admissions Counselling Services] visited Dayananda Sagar University to have an interaction with student community, supporting career guidance and higher education in Abroad on 3rd March 2023. The team members discussed various points and procedures regarding pursuing master's degree in Abroad. The team also highlighted on the importance of Abroad Education, what are its advantages, emphasizing on how they would assist students in order to get admission in their university of preference in the country which the students opted. They discussed about test preparations for test like GRE, GMAT, IELTS etc. They have to also highlighted upon the Application cycle for Masters in countries like UK, Australia, Germany, U.S.A, Canada. There was a mention about different breaks for different universities in these countries where the applicant can join the college like Summer, Spring, Winter.

***FINAL YEAR TOPPERS***

Ms. Revathi R
ENG19EC0080
CGPA : 9.13



Ms. Chaitra A
ENG19EC0019
CGPA : 8.92



Ms. Aishwarya R
ENG19EC0005
CGPA : 8.76

DAYANANDA SAGAR UNIVERSITY
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DEPARTMENT ACTIVITIES

Visit of IMS GATE Academy



IMS Gate Academy was invited for a career counselling activity to Dayananda Sagar University on 14th February 2023. The main agenda of this activity was to educate the students on the procedures for perusing master's degree in their respective fields, from the University which they desire. There were lot of information and statistics which were shared to the students so they could understand why giving GATE exam is beneficial for their bright future. Many students found this talk beneficial and they noted the key points which will help them in cracking GATE exam!!

*Don't see others doing better than you,
beat your own records every day because
success is a fight between you and
yourself.*

-Chandrasekhar Azad

**PRE-FINAL YEAR
TOPPERS**



Ms. Indushree
ENG20EC0037
CGPA : 9.23



Ms. Chitra P R
ENG20EC0025
CGPA : 8.95



Ms. Rakshitha K L
ENG20EC0075
CGPA : 8.82

DAYANANDA SAGAR UNIVERSITY
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DEPARTMENT ACTIVITIES

Training session on FPGA Based IP Design and Verification using Verilog with XILINX Vivado

A training session on “FPGA Based IP Design and Verification using Verilog with XILINX Vivado” was conducted on 13th May 2023 by the department of Electronics and Communication (ECE). Dr. Theodore Chandra S, Chairman of the ECE department, was the convener for this session and Dr. Shirshendu Roy, assistant professor in the ECE department, coordinated this training session.



The objective of this session was to motivate the students to work in the field of digital VLSI design and in the field of FPGA implementation. Dr. Shirshendu Roy outlined various job aspects in the field of digital IC design and also discussed applications of FPGA. He also explained and demonstrated how an FPGA based IP can be developed by taking low pass filter design as an example. Basic steps in FPGA implementation and creating IP using VIVADO tool are explained to the students. The faculties who were present during this session are Mrs. Shwetha M P, Mrs. Jisy N K, Mrs. Sivasankari S S, Mr. V Sudharsan, and Dr. Arun Ananthanarayanan. Total 43 students from 6th Semester, 3rd year ECE department attended this session.

***SECOND YEAR
TOPPERS***



Ms. K V Priyadarshini
ENG21EC0044
CGPA : 8.89



Ms. Nithyashree
ENG21EC0074
CGPA : 8.77



Mr. Vikas Gowda M S
ENG21EC0140
CGPA : 8.59

DAYANANDA SAGAR UNIVERSITY

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DEPARTMENT ACTIVITIES

PROJECT EXTRAVAGANZA

The final year project exhibition “PROJECT EXTRAVAGANZA” was conducted on 17th April 2023 in the department of Electronics and Communication engineering, SOE, Dayananda Sagar University. The entire event was planned and coordinated by the project coordinators, Dr. Saara K, Associate Professor and Dr. Pushpa Mala Associate professor, Dept. of ECE. Project Exhibition 2023 was inaugurated by the Mr. Yash Mahendra, Design-Verification Engineer, Cadence and Dr. Rupam Bhaduri, Professor, ECE, DSU. The inaugural ceremony commenced as per schedule at 9:00 am. All the faculties and students were invited to be the part of the event. Dr. Theodore Chandra S, HOD-ECE of Dayananda Sagar University encouraged everyone with his motivational speech and advised students to be more creative with innovative ideas and project address real time societal issues. Guest Mr. Yash Mahendra addressed the students and emphasized on exploring opportunities and providing solutions to real time problems in the field of medical, VLSI, Agricultural, IOT etc., There were about 31 projects from final year students to demonstrate and exhibit. .



Placement Training

Department of Electronics and Communication Engineering along with Placement department conducted Placement training on soft skills for 2021-25 batch, students who are currently in 4th semester. The event was conducted on 05th April 2023 from 8:45AM – 4:45 PM. Soft skills refer to a cluster of personal qualities, habits, attitudes that have the potential to make someone a good student and compatible with the requirements of academia. There were around 160 students attended the program and trained on soft skills about personality development, teamwork, problem solving ability, adaptability to change and other placement preparation information. The event was organized by Dr. Theodore Chandra, Chairman, Department of ECE, Mr. Vijay Kumar, Deputy Director – Training, Placement & Skill Development, Prof. Shwetha M P, Placement coordinator, Department of ECE.



DAYANANDA SAGAR UNIVERSITY
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DEPARTMENT ACTIVITIES

International light day celebration

Department of ECE, SoE, DSU celebrated International Light Day by organizing poster presentations on the topic "Applications of EM Waves" on May 16th, 2023. The International Day of Light is celebrated on 16 May every year, the anniversary of the first successful operation of the laser in 1960 by physicist and engineer, Theodore Maiman. This day is celebrated to strengthen scientific cooperation and harness its potential to foster peace and sustainable development. Nandini Rao, assistant Professor from ECE department briefed students about the importance of photonics in engineering applications. 12 teams from ECE department had prepared posters on applications of EM waves. Posters included areas such as optical fiber communication, laser surgery, photonics in medical engineering.

"Science can amuse and fascinate us all, but it is engineering that changes the world."

—Isaac Asimov, American writer

World Telecom Day

Department of ECE, SoE, DSU celebrated World telecom Day by organizing a talk on "Empowering the least developed countries through information and communication technologies." Dr. Vinu, associate professor, ECE department conducted an interactive session with students to enlighten them towards the ethical side of advancement in technological advancement. World telecom day was celebrated on May 17th, 2023. After the talk, a technical quiz was organized in which students actively participated. Event was coordinated by Nandini Rao G.



DAYANANDA SAGAR UNIVERSITY

SCHOOL OF ENGINEERING

DEPARTMENT ACTIVITIES

Ecosystem restoration



"Harmony in nature" – Planting trees together

A group of enthusiastic students from 4th semester ECE, SoE started a campaign to plant trees at city campus, DSU, Kudlu gate on 5th June 2023. On the occasion of World Environmental Day, the department of ECE, SoE joined hands with its students in celebrating Environmental Day on 7th June, 2023.

Students had prepared soulful posters related to Harmony in nature and showcased their concern through restoration slogans. They proceeded towards the Harohalli campus with their posters and planted trees at Dayananda Sagar University, Harohalli campus. Both the events were coordinated by Prof. Nandini Rao, ECE.



International Yoga Day 21st June 2023

International Yoga Day is celebrated every year on 21st June to raise awareness about this ancient practice and to celebrate the physical and spiritual prowess that yoga has brought to the world. Yoga is a practice which plays an important role in relaxing the mind and body and boosting people's immune system. Department of Electronics & Communication Engineering organized International Yoga Day on 21st June 2023 in which more than 70% of faculties and few students participated with great enthusiasm.



The students and faculty practiced & performed sitting and standing asanas like Suryanamaskara - sequence of 12 powerful yoga poses, Virabhadrasana, Vajrasana and lastly the meditation. The importance of these asanas were explained simultaneously.

The celebration concluded with the presidential remarks from Dr. Theodore Chandra, Chairperson Dept. of ECE.

DAYANANDA SAGAR UNIVERSITY

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DEPARTMENT ACTIVITIES

Rangoli Contest

On the occasion of selections for DSU Annual cultural event, the SoE cultural club, KALAKSHETRA @SOE and Dept. of ECE organized a Rangoli Competition on 7th March 2023.

Students from various departments had participated to show off their skills. There were about 10 teams of four members each. There were 2 categories-Freehand and Dotted which added variation and beauty to their designs.



The team event started at 2:30pm with the time duration of 1 hour. The contest was judged by Dr. Saara K of Dept. of ECE and Prof. Shwetha GS and Dept of CSE. The event was coordinated by Prof. Navya R, Cultural Coordinator, Dept. of ECE.

Singing Contest

To hone the singing skills of the students, a Singing competition was organized on 3rd March 2023 by the Department of Electronics and Communication in association with SoE Cultural Club Kalakshetra@SOE, at the Canopy Hall. The competition was held in three categories: Semi classical, Western and Classical. 35 participants took part in the event and showcased their skills through energetic performances.

Students from various departments were invited to participate and the event was hosted by V. Mageshwaran, 6B, Dept. of ECE. Most of the Participants had presented their singing skills in multiple styles and stole the heart of audience. Spectators were overwhelmed by the performance and encouraged the participants through huge applause. The contest was judged by Prof. Manasa K R, Dept. of ECE, and Dr. Baishali Garai, Dept. of Physics and coordinated by Prof. Navya R, Cultural Coordinator, Dept. of ECE. The event was finally concluded with a striking performance by Vortex band.



DAYANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING

ALUMINI ACTIVITIES

Speakers



Mr. Akash Suresh



Mr. Karthik Nayak



Ms. Bindu N



Ms. Priya G Shastry

**'AROHANA'- CAREER COUNSELLING
SERIES**

The department of Electronics and Communication Engineering is organizing career counselling series with the agenda of collaborating students with Alumni in supporting the current students for better career guidance. Series1 of this program was organized on 4th March 2023, by Prof. Nandini G Rao and Prof. Shwetha M P of ECE Department Dayananda Sagar University. The aim of this program is to welcome our Alumni who are working in MNC's or pursuing master's degree after their bachelor's degree to educate our students regarding the key points necessary from their perspective for working in any company/organization or pursuing master's degree.



Akash Suresh who is an Alumnus of Dayananda Sagar University Graduated in the year 2021-22 with B. Tech in Electronics and Communication Engineering was the guest. He shared his process flow and his experience as an employee, currently working in Genser Aerospace & IT Pvt Ltd. Company as a Design Engineer. He emphasized several points related to maintaining a network in platforms like LinkedIn, Glassdoor etc., defined the difference between a resume and a CV And many more... points which are worth to be remembered for a better career.

The final year students Karthik Sanjay Nayak, Bindu and Priya also shared their experiences and views in terms of placement requirements and expectations of the recruiters from an engineering student.

DAYANANDA SAGAR UNIVERSITY

SCHOOL OF ENGINEERING

ELECTROBLITZ CLUB

ABOUT ELECTROBLITZ CLUB

Electroblitz is a student techno-cultural club formed under the Dept. Of Electronics and Communication, with the motive of providing a platform for students to exhibit both academic and extra curricular skills. The activities of the club enhance the technical skills and personality development of the student apart from academics.

VISION

To enrich the creative young minds in learning, leading and living effectively in the advanced global society by providing collaborative platform for innovative programs and celebration of traditional values.

MISSION

To align all interested students, club facilitate students to interact with alumni and professionals in their fields of interest.

To enrich student's experience, create a diverse community, encourage, and provide opportunities for students to build valuable skills.

To bring out the hidden potential of students apart from academics, in order to adopt themselves to the challenges in the current scenario running in the field of electronics/interdisciplinary Spectrum.

DAYANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING

ELECTROBLITZ CLUB ACTIVITIES

PCB Design Workshop

ELECTRO BLITZ Club Under the Department of Electronics and Communication Engineering, Dayananda Sagar University conducted the event PCB DESIGN WORKSHOP” on 11th February 2023 from 10:30 AM to noon 05:00 PM conducted On-Campus.

We had 14 teams registered of 2 to 4 members each. The participants were asked to assemble in the venue at 10.30 AM. The event was overseen by the club heads and the student council of the club.

The event was split into two stages, in stage one the PCB designing, and layout preparation was taught using EAGLE Software. The second stage was imprinting the tracks on the copper clad by heat transfer method, then dissolving of the unwanted copper material using acid dilution by ferric chloride. The circuit given for design and implementation was that of a mobile charger. The entire event was mentored and overlooked by **Mr. Pavan HD** who was also the main speaker of the event.

After the dissolution of the Clads, the components were provided to the teams and they were asked to put their soldering skills to the test, it was a learning process for all the teams, since soldering requires keen precision and patience, this step was given utmost care and explained in detail, so that their circuits gave the desired output. The overall event was a both jolly and informative type, student club relationships were enhanced by this event, and they also had a platform to learn new skills to build up their skill-set for the onlooking future.



DAYANANDA SAGAR UNIVERSITY

SCHOOL OF ENGINEERING

CLUB ACTIVITIES

Inauguration of IETE STUDENTS' FORUM

Department of Electronics and Communication Engineering, Dayananda Sagar University proudly inaugurated the IETE STUDENTS' FORUM on 09th February 2023 On-Campus. The Chief guest for the event was Prof. H S Bhatia (Former Chairman, IETE Bengaluru). The guest of honor for the event was Dr. C V Ravishankar (Vice chairman, IETE Bengaluru). The dignitaries were Dr. K N B Murthy (Vice Chancellor, DSU), Dr. Puttamadappa C (Registrar, DSU), Dr. Udaya Kumar Reddy K R (Dean, SOE, DSU) and Dr. Theodore Chandra (Chairman, Dept. of ECE, DSU). The Hosts of the event were Shreyas S N (6B, ECE) and Sahana D M (6B, ECE). The event began with a devotional song by Rishab Sidenur (6B, ECE) and lighting of lamp by the guests. This was followed by the unveiling of IETE certificates by the Chief guest of the event and distribution of certificates and ID cards to the members. The gathering was addressed by Dr. K N B Murthy (Vice Chancellor, DSU), Dr. C V Ravishankar (Vice Chairman, IETE Bengaluru) and Prof. H S Bhatia who shared their valuable intel about IETE Students' Forum and officially declared the club open in DSU. The guests also released the Biannual departmental newsletter "ELECTROCLIPS, Volume 2, Issue 2 (July-Dec 2022)." Finally the vote of Thanks was proposed by Prof. Kanmani B S (Assistant Professor, ECE Dept, DSU). The event concluded with high tea and group photography.



DAYANANDA SAGAR UNIVERSITY

SCHOOL OF ENGINEERING

ACHIEVEMENTS

Success and accomplishment of SoE in Tantra 23'

The university, had conducted the annual sports and cultural fest TANTRA 23' from 24th to 26th of April 2023. The entire event was coordinated with various schools of the university, with SOE Bearing the major role of event management. The SOE Team consisted of 20 core volunteers who worked extensively hard in making this event a grand success. The team was led by Faculty coordinator **Prof. Kanmani BS, Dept. of ECE** and the student cultural coordinators **Mr. Mageshwaran V** and **Mr. Divyanshu Kedia** from 6th sem ECE.

Apart from the tremendous work contribution during the conduction of the event, SOE students also participated in all 28 events and won prizes in 20 events to earn and carry the overall cultural championship Trophy for the year 2023. They also won several titles in the sports segment as well.

The event was a great learning experience to each and everyone who worked for it, in making it a grand success.



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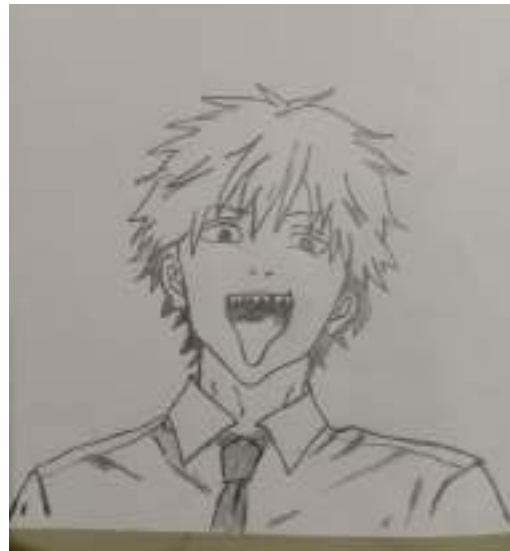
ART WORK



ROHAN R
7th Sem, ECE



PUNITH V
7th Sem, ECE



SANDEEP
7th sem, ECE

*“Man needs his difficulties
because they are necessary
to enjoy success.”
– A.P.J. Abdul Kalam*

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SCHOOL OF ENGINEERING

PHOTOGRAPHY



*Divyanshu Keddia
7th Sem, ECE*



*Satyam Kumar
5th Sem, ECE*



*Tejas H R
7th Sem, ECE*



*Sudeep K
5th Sem, ECE*



DAYANANDA SAGAR UNIVERSITY
SCHOOL OF ENGINEERING

LITERARY WORKS

THE CLOCK HAS STOPPED BUT THE TIME HAS NOT

From the womb to the tomb
It's the beat of our heart
That is heard inside
And the tick of the clock
That is heard outside

Day in and day out
The clock runs all the time
To tell us what is the Time!
Its hands work round the clock
To tell us the value of Time!

Even a stopped clock
Shows the right time twice a day!
It's for us to make use of time
In time, because
A stitch in time saves nine!

We have school time, lunch time
Play time, study time, sleep time
But we don't have helping time
Silent time, peaceful time
It's for us to make our Life Sublime!

Every task has a time
But our attitude behind is infinite
Every second has a story to tell
But it shouldn't have a sorry to feel
There shouldn't be an act of hurt at anytime

It is our choice to make others happy
But we should never take a chance
To cause others sorrow
A life lived thus will remain
Worthy of all time to live by

Time is the cradle of our life
It's foolish to take time to tell lies
For, time is the Eternal Witness
Time tells the Truth in all its fullness
To end the battles of Life in all aspects

Earth rotates around itself
Making the day and night appear
It revolves around the Sun making every year
But this moment may disappear
Forever and shall never be ours again!

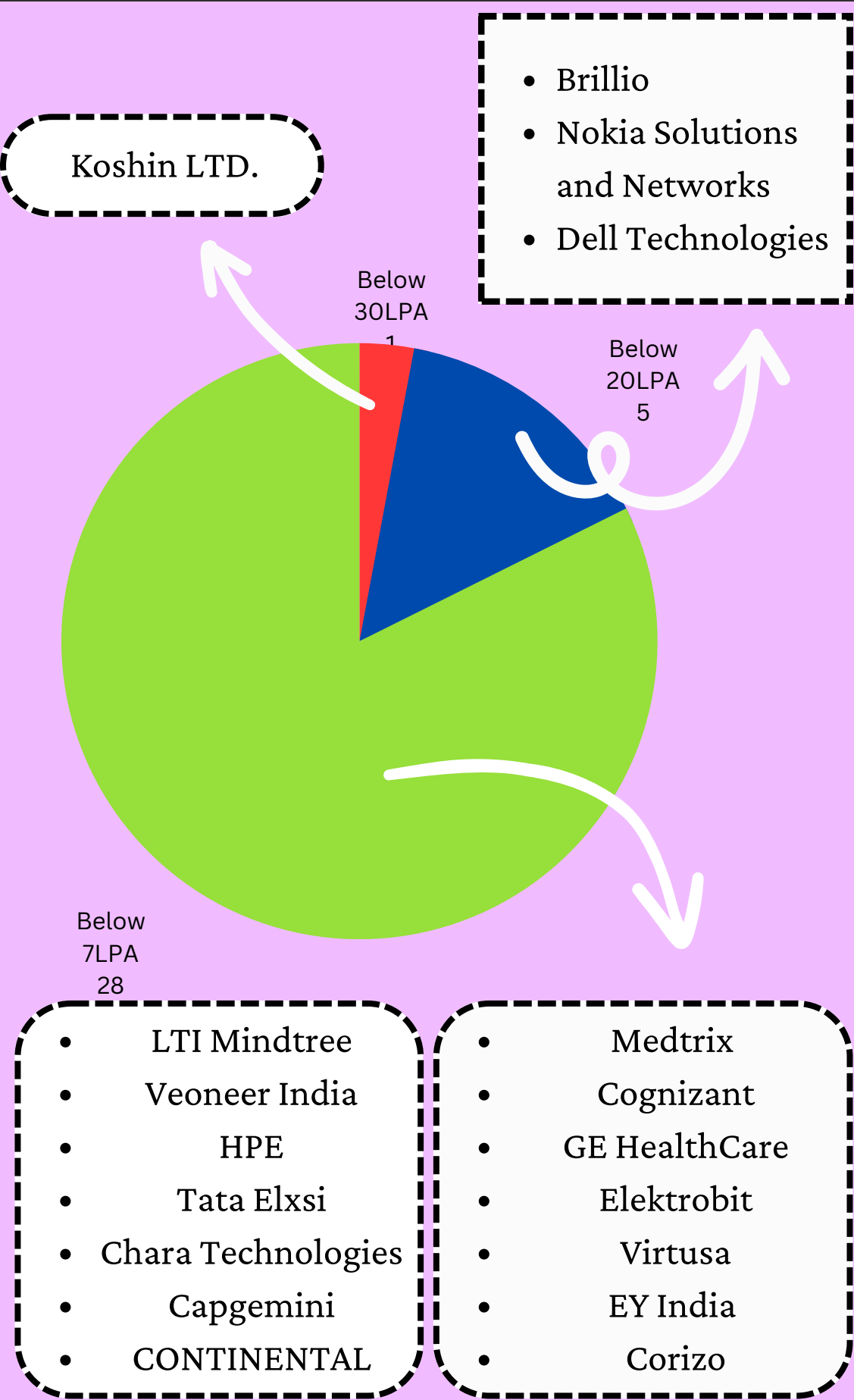
Every day is full of wonder
If only lived in peace across all border
Often it may not be easy to smile
But then it is time to pause and ponder
The clock has stopped but the time has not!



Meenakshi
6th SEM ECE

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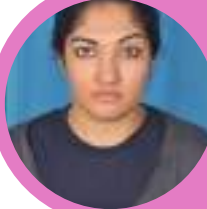
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