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Facts of Technology

1. The Firefox logo isn't a fox

It's actually a red panda. It's a common misbelief that the Firefox logo is a fox (I mean... it *is* in the name), but it is actually a red panda!



2. There are approx. 3.5 billion Google Searches per day.

7.2 percent of this traffic comes from people searching the term 'Google'. You can view daily Google Search trends at <https://trends.google.com/trends/>.

3. Google's First Tweet was in binary.

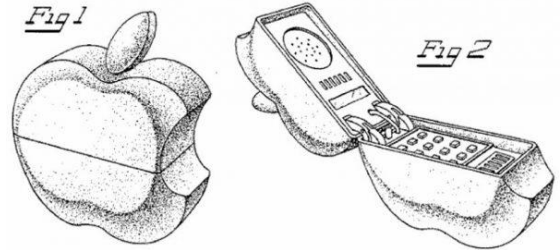
Google's first tweet was in 2009, and it was gibberish to most. Translated from binary to English, it reads, "I'm feeling lucky".



4. Apple were originally designing an apple shaped flip phone

Before the original design for an iPhone, Apple patented a phone design in the shape of an actual apple. It was a flip phone that, when closed, would look like the Apple logo.

U.S. Patent Dec. 10, 1985 Sheet 1 of 3 Des. 281,686



5. Over 90% of the world's currency is digital.

Between credit cards, debit cards, online purchases, and cryptocurrency, only 8% of global currency is physical money.

6. Every iPhone advertisement has the time set to 9:41.

Every advertisement for an Apple iPhone, the time will be set as 9:41. This is the time that Steve Jobs announced the very first iPhone in 2007.



7. Over 500 hours of YouTube are uploaded every minute.

As of May 2019, more than 500 hours of video were uploaded to YouTube every minute. This equates to approximately 30,000 hours of newly uploaded content per hour.

8. Facebook will pay \$500 if you find a bug in their code

If you find a security bug in Facebook's code, they are willing to pay from \$500 for you to tell them about it! The largest bounty ever reported to Facebook received \$50,000.

9. Mark Zuckerberg is red-green colourblind

Mark Zuckerberg is red-green colourblind, which means the colour he can see best is blue. This is why the colour blue dominates the Facebook website and mobile app.

Department Events

Conducting Events for students provide opportunity to connect with other college students, build relationships, explore the technical ideas and improve their communication skills. Also, it creates a platform for the organizing students to build their leadership skills and teamwork.




SONA COLLEGE OF TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
TPT MAIN ROAD (JUNCTION), SALEM, TAMILNADU - 636 005.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
A NATIONAL LEVEL TECHNICAL SYMPOSIUM

EDISON 2023

DAY ONE (24/02/2023) DAY TWO (25/02/2023)

PAPER PRESENTATION (SLOT-1) PROJECT PRESENTATION BACKSTABBER CINE SHOT WAY TOO FAR	FEBRUARY 24 & 25 2023	PAPER PRESENTATION (SLOT-2) MYSTERY PUZZLE VIDEO QUIZ FUN ZONE
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WIN EXCITING CASH PRIZES

CONVENOR: DR. S. RAMA MOHINI CO-ORDINATOR: DR. S. SURESH KANTH
STUDENT CO-ORDINATOR: A. SURESH KANTH FOR ANY QUERIES CONTACT: SUKESH P. SIVANANDAN, MEZHIL KUMARAN, SIVA SURESH
NEXT DATE FOR REGISTRATION: 20/02/2023 REG. LINK: <https://forms.gle/7ze7M5A3JF741LNQ9>
FOR PAPER PRESENTATION SEND YOUR ABSTRACT TO: edison.sona@gmail.com



EDISON-student association of EEE department conducted a national level technical symposium on **February 24th and 25th 2023**. Technical events such as Paper presentation, project presentation, mystery puzzle & backstabber were conducted and Non-technical events such as cine shot, way too far, video quiz and fun zone were conducted. Around 200 participants from various colleges participated and won cash prizes in the technical and non-technical events conducted.



SONA COLLEGE OF TECHNOLOGY
Learning is a Celebration!
An Autonomous Institution

Department of **Electrical & Electronics Engineering**

Organises Guest Lecture on
Power TRANSFORMER PROTECTION

Third year UG and First year PG students

11 March 2023 | 10.00 am to 12.30 noon
Edison Hall

Mr.V.Andiappan
Assistant Executive Engineer,
400kV Substation,
TANTRANSO TNEB LTD,
K. R. Thoppur, Salem - 502.

Organizers: Dr.M.Gopila, Dr.G.Suresh, Dr.M.Panneerselvam
Co-ordinators: Dr.M.Senthilkumar, Prof.D.Kesavan
Convener: Dr. S.R.R. Senthil Kumar
Organising Secretary: Dr. S. Padma

SONA COLLEGE OF TECHNOLOGY
Learning is a Celebration!
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Department of **Electrical & Electronics Engineering**

Organises Guest Lecture on
CAREER OPPORTUNITIES AFTER B.E/B.TECH

Second year EEE students

27.03.2023
11 am to 12.30 pm
Edison Hall

Mr.Kaushik
Sr. Faculty
Ace Engineering Academy

Convener: Dr. S.R.R. Senthil Kumar
Organising Secretary: Dr.S.Padma
Coordinators: Dr.S.Purushotham, Dr.D.Prasad
Organizers: Dr. M.Gopila, Dr.G.Suresh, Dr.M.Panneerselvam



EDISON – EEE Department student association and IEEE student’s chapter organized a Guest Lecture on “Power Transformer protection” for third year UG and first year PG students on 11.3.2023 by Mr.V.Andiappan, Assistant Executive Engineer,400kV Substation, TANTRANSO TNEB LTD, K. R. Thoppur. The students get benefited through the event.

EDISON – EEE Department student association and IEEE student’s chapter organized a Guest Lecture on “Career opportunities after B.E/B.Tech” for second year UG students on 27.3.2023 by Mr.Kaushik, Sr Faculty, Ace Engineering Academy.The students get benefited through the event.



Department of EEE students have participated in Sona Speakers Forum Event. 14 students participated in this event and they delivered their talk on various titles and expose their ideas

Student Achievement



Rithisri K - Speak for India state level inter-collegiate debate competition 09.01.2023



J. Vishnu Prasanth, II year EEE student of Sona was interviewed by Suriyan FM about his music journey.



Jemela F Grand finale of Sustainability Hackathon Challenge Entrepreneurship Development Institute of India, Ahmedabad 28 & 29.4.2023.



LIVE WIRE TRAINING CERTIFICATE DISTRIBUTION 12.04.2023. 90 students have been trained in Java Programming. All the students get benefited with this training.

FOOTBALL RUNNERS

Sowndharyan III Yr EEE and K. Kathiresan II Yr EEE are Runners (Football) in Tamil Nadu Chief Minister Trophy 2022-23 held at Gandhi Stadium, Salem on 08 & 09.02.2023



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IEDP Sona Hub of Entrepreneurship Development and Innovation Institute
Department of ELECTRICAL & ELECTRONICS ENGINEERING

The Management, Principal, Directors & Faculty of Sona College of Technology

tnSI DESIGN DEVELOP DELIVER
EDII-TN Entrepreneurship Development and Innovation Institute

Congratulate
Winning team of SCT
Tamil Nadu Student Innovators Award 2022

Won Cash Award of **Rs.1.00 lakh** in the Tamil Nadu Students Innovators (TNSI) Award 2022 for their innovative project "**AGNIMA (Taste Enhancer)**"

Innovator : **Revanth P S**, Final Year- EEE, SCT
Mentored by : Dr.M.Dhanasu and Dr.G.Suresh
IEDP Sona Hub of Entrepreneurship Development and Innovation Institute

Trained by: SBIC and Facilitated by EDII IEDP Sona Hub

Mr.REVANTH P S, Final year EEE, won the Cash Award of Rs. 1,00,000 in the Tamil Nadu Students Innovators (TNSI) Award 2022 received May 2023.

WORKSHOPS

A PLC and SCADA workshop was held from 03.03.2023 to 13.03.2023, in which 127 students participated.

HOCKEY RUNNERS

S. Kaleeshwaran – M.E PED and S. Divish Dayanithi II Yr EEE are Runners (Hockey) in Tamil Nadu Chief Minister Trophy 2022-23 held at Gandhi Stadium, Salem on 21.02.2023.



THE INSTITUTES OF ENGINEERS(INDIA) has awarded our student Mr MADALA P MAHITH SAI, final year/EEE with the prestigious award "Dr. APJ. ABDUL KALAM AWARD FOR BEST ENGINEERING COLLEGE STUDENTS – 2023" instituted by IE(I)-Salem Local Centre in appreciating his services for the engineering fraternity.

FACULTY ACHIEVEMENTS

Dr.Vijayal V completed her Anna University Ph.D viva voce examination supervised by Dr.K. Krishnamoorthi, Professor-EEE, SCT on 24.02.2023

Dr.Gopinath P completed her Anna University Ph.D viva voce examination supervised by Dr.R.Shivakumar, Professor-EEE, SCT on 31.03.2023

Dr. Sabarinathan S completed her Anna University Ph.D viva voce examination supervised by Dr.K. Krishnamoorthi, Professor-EEE, SCT on 05.05.2023

Dr. S. Arun Kumar AP/EEE, Sona College of Technology completed his Anna University Ph.D viva voce examination supervised by Dr.S. Padma, Professor-EEE, SCT on 15.05.2023



Dr.V. Shanmugasundaram – AGAR- Research Excellence Award 2023 – Association of Global Academician and Researchers (AGAR), Tirupattur on 16.05.2023.

Dr. A. Jagadeeshwaran acted as a resource person in the DST-SERB sponsored seminar on "Power Converter Topologies for Grid-Tied Solar Photovoltaic Powered Electric Vehicles" on 10.05.2023.

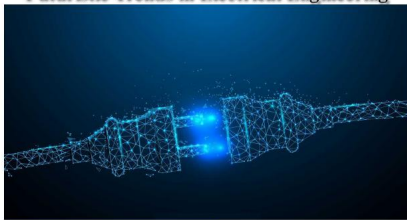
Dr. K.S. Yamuna served as a resource person in the Guest Lecture on "Recent Trends in Measurements and Instrumentation" on 08.05.2023 at Narasu's Sarathy Institute of Technology and "Recent Trends in Electrical Engineering" on 16.06.2023 at Mount Zion College of Engineering and Technology.

Dr.G. Suresh as a resource person in the Guest Lecture on "**Design Thinking**" on 11.02.2023 at Thiagarajar Polytechnic College

Dr.M. Senthil Kumar reviewed "A Non-isolated Modified Zeta Converter-fed DC Motor under LoadCondition on the Web of Science" for Brazilian Archives of Biology and Technology on June 2023

26 Faculty members have written the NPTEL examination and 6 Faculty members secured gold certificates, 17 Faculty members secured silver certificates. 9 Faculty members emerged as toppers of the courses


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Edited Book Series ID:
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Registered publisher under Raja Ramanna Roy Agency,
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Agency, USA in the name of ePage Developer Pvt Ltd.
DOI Prefix: 10.58532

Important dates:
Paper submission period opens from 12th June 2023
Last date for chapter submission: within 31st July 2023
Review status notification: within 31st July 2023
(Detailed Process)
Last date for revision/revision & submission: 28th August 2023
Final acceptance Notification: within 2nd September 2023
Last date for registration: within 1st October 2023

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Electrical Engineering



PURUSHOTHAM S
FACULTY

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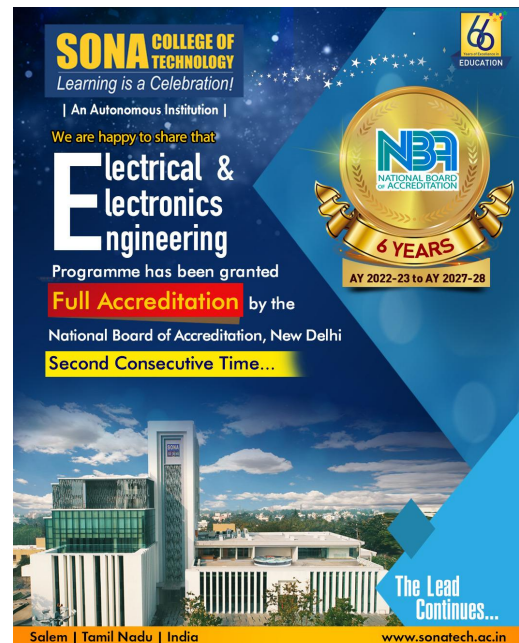
Control and Instrumentation

Dr. V. Shanmugasundaram Call for Book Chapters/Research Papers for Edited Book (To be published with ISBN under IIP international publishers USA & India) Futuristic Trends in Electrical Engineering ID: IIPV3EBS20_G13 DOI : 10.58532

Dr S Purushotham received the NPTEL Domain Certification in CONTROL AND INSTRUMENTATION

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 DR M SENTHIL KUMAR 93% Top 1% of certified candidates	 DR V SHANMUGASUNDARAM 91% Top 2% of certified candidates	 MURALI M 91% Top 2% of certified candidates Teaching And Learning in Engineering (TALE)
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Electrical & Electronics Engineering

Programme has been granted **Full Accreditation** by the National Board of Accreditation, New Delhi **Second Consecutive Time...**

6 YEARS
AY 2022-23 to AY 2027-28

The Lead Continues...

Salem | Tamil Nadu | India www.sonatech.ac.in

Department of EEE has got **NBA Full accreditation** for 6 years, from the academic year 2022-23 to 2027-28. This is for the second consecutive time the department has got.

Projects carried out by various R&D Centers

SonaSPEED R&D Centre:



Sona make **Simplex Permanent Magnet Stepper Motor** is used in the actuator assembly for the fuel and oxidizer mixture ratio control of liquid rocket engine in the launch vehicle LVM for the launching of **Chandrayaan 3** on 14.7.2023.

Editorial Board Members:

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Members :	Dr. M. Murali, Assistant Professor / EEE Dr. G.Suresh, Assistant Professor / EEE Dr. V. Shanmugasundaram, Assistant Professor / EEE Prof. M. Porkodi, Associate Professor / EEE Prof. D. Kesavan, Assistant Professor / EEE

SonaSPEED, SONA College of Technology team knew no bounds that its 25kW quadruplex BLDC motor was used in the Helicopter Hoist for **lifting Reusable Launch Vehicle (RLV)** to 4.5 km altitude and releasing for Autonomous landing on the runway at Chitradurga, Karnataka on Sunday morning, 2.4.2023