

THE SONA TIMES

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MAGAZINE 2021

Ranking

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Engineering Survey Ranking 2021



Top Leading Engineering
Colleges of Super
Excellence'2021" in
TAMILNADU



Top Leading Engineering
Colleges of Super
Excellence'2021" in
INDIA

THE WEEK
THE BEST OF THE U.S. AND INTERNATIONAL MEDIA

Engineering Survey Ranking 2021



Private Engineering
Institutions in
SOUTH INDIA



Private Engineering
Institutions in
INDIA

CAREERS 360
The Education Hub

Engineering Survey Ranking
2021



Private Institutions in
SOUTH INDIA

INDIA
TODAY

Engineering Survey Ranking
2021



Among Top 100 Private
Engineering Institutions in
INDIA

OUTLOOK
THE WEEKLY NEWSMAGAZINE

Engineering Survey Ranking
2021



Among Top 100 Private
Engineering Institutions in
INDIA


THE TIMES OF INDIA

Times Engineering Institute Ranking Survey 2021



Among Top 125 Private
Engineering Institutions in
INDIA



Among Top Engineering
Institutions in **TAMIL NADU**



Sona's Fight against COVID-19

Contribution to the Chief Minister's Relief Fund



Mr. C. Vallippa, president of the Association of Aided Polytechnic Colleges, on behalf of the association along with Mr. K. Ponmudi, Minister of Higher Education hands a cheque of Rs. 36 lakhs towards the Tamil Nadu Chief Minister Relief Fund for the fight against Covid.

The District Collector appreciates Sona



The Salem Collector, Mr. S. Karmegam recognized Sona Group Chairman Sri C. Valliappa with the award for timely and commendable services that supported the district administration's fight against COVID-19 during the second wave. The Vice Chairman, Mr. Thyagu Valliappa, received the award on the Chairman's behalf during the 75th Independence Day function at Mahatma Gandhi stadium.

Vaccination Drive at Sona Campus



Sona College of Technology in a bid to join the fight against Covid-19 organized a vaccination camp within the campus on the 12th of June. The general public and the faculty members came in large numbers and got themselves vaccinated.



Sona Group of Institutions' Social gesture during Covid crisis

Sona Group of Institutions as a gesture during this Covid crisis donated Rs. 1 Crore worth of food supplies, five times a day for 500 covid patients in the special corona treatment centre at the Salem Steelplant.



Highlights

Tamilnadu Student Innovators Award 2020



The Entrepreneurship Development and Innovation Institute (EDII) gave the Tamil Nadu Student Innovators Award 2020 and a cash prize of Rupees 1 lakh to A. Annand and S. Nishanth of the Mechatronics Department of Sona College of Technology. The Vice Chairman, Mr. Thyagu Valliappa, Principal, Dr. S. R. R. Senthilkumar, Head of the Mechatronics Department and mentor of the innovators, Dr. P. Suresh and Mr. Dhanush, EDII Salem Hub Head felicitated the students. The student innovators of Mechatronics department designed smart jacquard machines that will put an end to the expensive design costs of handloom weavers.

Toycathon 2021



The Ministry of Education's Innovation Cell with support from the All India Council for Technical Education and Ministry of Women and Child Development organized Toycathon 2021, an initiative to develop toys based on Indian Ethos. Sona College of Technology was a proud host as a nodal center for the digital version for 21 teams across the country.

Best NSS Unit Award



Sona College of Technology has been bestowed with best NSS unit award by Anna University, Chennai. Ms. S. Vinodhini and R. Babu of Final year Electrical and Communication Engineering have also been awarded the best NSS volunteer award for the year 2019 – 2020 in appreciation of their exceptional National Service Scheme services.

75th Independence Day Celebrations

The 75th independence day of our nation was celebrated in the Sona campus on the 15th of August. The Vice Chairman, Mr. Thyagu Valliappa presided over the celebrations. The Principal of Thiagarajar Polytechnic, Dr. V. Karthikeyan, Principal of Sona College of Technology, Dr. S. R. R. Senthil Kumar, Principal of Sona College of Arts and Science, Dr. Kadhar Nawaz, Principal of Sona Medical College of Naturopathy and Yoga, Dr. S. Madan Kumar and Principal of Sona Valliappa Public School, Mrs. E. J. Kavitha were also present.





Highlights



Sona alumnus honoured by the Chief Minister

Mr. Prithviraj Chauhan, a proud alumnus of Sona College of Technology of the 2011 batch from the Civil department of engineering completed his training for the Deputy Superintendent of Police and got the gold medal and the sword from the Honourable Chief Minister Mr. M. K. Stalin for the best overall outgoing cadet among the 2021 batch mates.

Sona represented at TNPL



Mr. S. Sharun Kumar of the Computer Science Department of our college has been selected to play for the Nellore Kings in the upcoming season of the Tamil Nadu Premier League. He is a seam bowler and a batsman too, having brought many laurels for our college.

ISTE Best Student Advisor Award



Ms. V. Aishwarya, B of Final year Information Technology IT bagged the best student advisor award ISTE Tamil Nadu Section on 29th April 2021.



Pragati Scholarship for Girl Students

All India Council for Technical Education (AICTE) offers Pragati Scholarship for girl students admitted to first year diploma or engineering courses. 18 girls from our college received this scholarship. They would get Rs. 50,000 per annum which would aid their education in a big way.



Highlights

International Yoga Day Celebration



International Yoga Day Was organised by Sona Group of Institutions on 21st June, 2021. The programme where the management, faculty and students participated, went live on Zoom, YouTube, Facebook and other social media.

Implementation Project on Ear Disease Identification



Student SEED Money Scheme was sanctioned to Sona College of Technology for implementation project on Ear Disease Identification. The sanction is for an amount of Rs.1.45 lakhs for the financial year 2021-2022. This successful project team included both the faculty and students of the Electronics and Communication Engineering.

Industry Oriented Credit Course (IOCC)



An Industry Oriented Credit Course (IOCC) was conducted for the third year Electronics and Communication Engineering students from 1st July to 15th July 2021. T. Bhoopalam, Application Engineer, Tessolve Semiconductors, Bengaluru was the resource person. There were around 102 Participants for the course out of which 7 students got internship program in Tessolve Semiconductors.

Jallianwala Bagh Remembrance Day

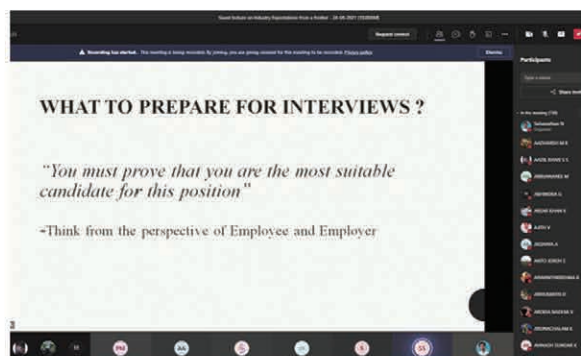


Jallianwala Bagh remembrance day was celebrated by the 11 TN SIG COY NCC Cadets of Sona College of Technology in the Government Arts and Science College, Salem on 13th April. The students remembered this historic day by cleaning and removing the waste and dirt.



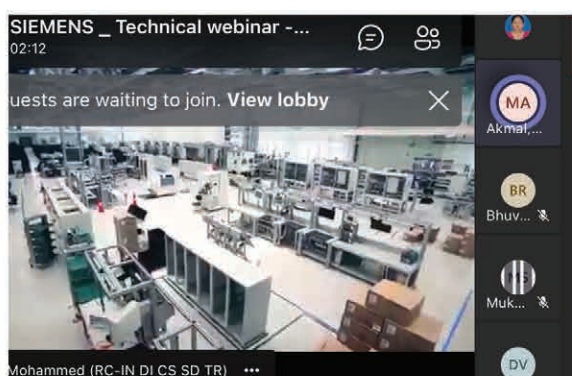
An Array of Virtual Events

Webinar on Industry Expectations from a Fresher



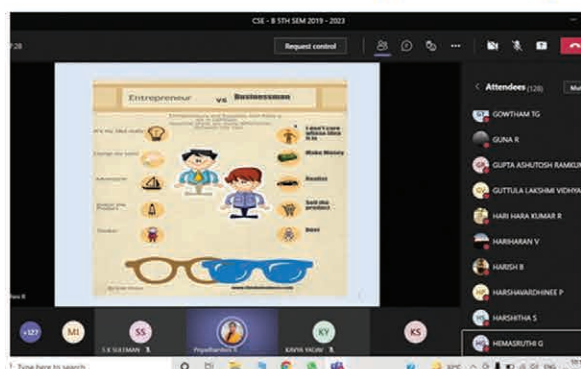
Department of Information Technology organised a guest lecture on "Industry Expectations from a Fresher" for I year students of Information Technology and Artificial Intelligence and Data Science on 24th April 2021. The resource person was Ms. Shruthi Sakhana, Senior Systems Engineer, Infosys Limited, Bengaluru.

Webinar on Industrial Automation



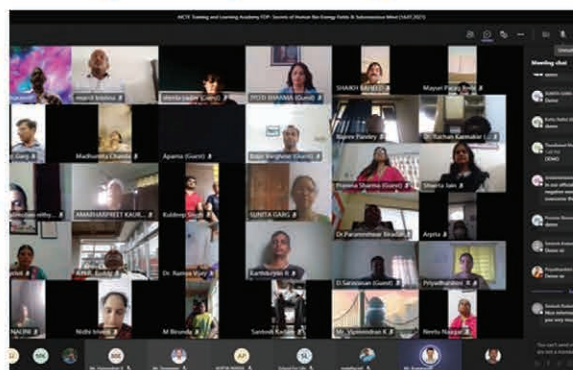
Department of Biomedical Engineering, Electrical and Communication Engineering and Mechatronics Engineering organised a guest lecture on "Industrial Automation, Industry 4.0" on 30th July. The resource person was Mr. Mohammed Akmal, Manager – Customer Service, Siemens Ltd, Mumbai. More than 120 participants from third year of all the three branches attended the webinar.

Webinar on Women Entrepreneurship



The IIC, Sona ED-cell and EDII-TN organized a seminar on "Orientation session on Women Entrepreneurship for all students and faculty members of the institute by Innovation Ambassadors" on 23rd July. Nearly 125 students from different departments participated in it. The main focus of this seminar was on opportunities and funds by the government for women.

Faculty Development Programme



The Department of Mechanical Engineering of Sona College of Technology conducted a five-day faculty development program on "Secrets of human bio-energy fields & subconscious mind" sponsored by AICTE Training & learning (ATAL) Academy from July 12th to 16th. More than 150 participants attended the program from over 24 states across the nation for the program. Fourteen sessions were conducted and the keynote speakers delivered excellent lectures.

Creative Cluster

With a Broken Heart

Who doesn't love travelling in the best of weather conditions and surrounded by people you love. Everything went smooth until ... I could feel my heart skip a beat. That moment everything hit differently... birds chirping, vehicles honking, people's chatter, breezy wind and world went frozen at the moment. All made me feel annoyed. What did I do to deserve this? Three things u should never break, promises, trust and someone's heart. Yes, that day I experienced everything. Lost a relationship that was said to be long and everlasting. I was heart broken.. Yes I was... I never expected this to happen to me. No one was able to amend it or fix it. It's always easier to find something better.. But it will never be the same. How can everything be normal from now on? Wondering what actually could have happened. Probably a breakup... Its a no.. But kinda! It's worse than that. Still wondering... Fine let me tell you what happened. My travel partner left me... Left me with no choice.. To travel by listening to music aloud.. Able to hear all annoying noises and still enjoy the journey. Yes it is definitely what u think.. travelling with broken headphones for the rest of my journey. That's worse than a breakup... Yes it is worse. Don't forget to have a spare when you travel...

Someone Like.....

Everyone needs someone who is understanding like insta, making us happy with memes and reels that perfectly matches our mood.

Not with someone like WhatsApp, who is left unnoticed and only opened during online classes and for status.

With someone like pubg and freefire, who fights with you and fights for you.

Not with someone like SMS, whose presence is never felt, used just to get OTP.

Who has a good taste, similar to Spotify reading my heart better.

Not with someone like Amazon or Flipkart opened when boredom hits.

With someone like YouTube, who is made of absolute-ness.

With someone who makes life better (Snapchat) not with one who is afraid to face reality (camera).

With someone who gives you notifications like "tagged you in a post" not the one that says "you have consumed 90 percent of data".

On the whole, everyone needs a friend who is understanding and has all the apps that is present in all your tough times.

This is to my mobile aka my best friend (The Living Version)

- by Harini Soundharyaa.T (CSE - First Yr)
Sona College of Technology, Salem

The story of Idioms

Idiom : "Caught Red-Handed"

Meaning : Caught, doing something wrong/illegal

Origin : From an Old English law (1432) stating "A person could not butcher an animal if it was owned by someone else". This law is difficult to implement, the only way to convict the guilty, was if the suspect was found with the blood of the animal on their hands (Red-Handed)

Example : The killer was caught red-handed

Idiom : "Pulling Someone's Leg"

Meaning : To trick/fool someone

Origin : From a thieving technique practiced by street thieves in 18th & 19th Century London. With this technique, the "tripper up" was charged with tripping someone up (i.e. pulling their) so that the rest of the thieves could rob this person while they're unsteady. However, since this time, the idiom has shifted to only refer to someone "tripping someone up" metaphorically.

Example : Chill dude! I'm just pulling your leg.

Idiom : "Cold Feet"

Meaning : Nervous; lack of confidence

Origin : Has a military background. During wartime, soldiers who were located in freezing cold areas would often not have the appropriate equipment to keep them sufficiently warm. So, before a battle, it was the case that some warriors had feet that were too cold, and that cold had made their feet numb. So, "to have cold feet" meant that they weren't ready to go into battle.

Example : I hope he doesn't get cold feet before the wedding next week

- by Monish Prasad (CSE - First Yr)
Sona College of Technology, Salem

THE MARVEL OF CIVIL ENGINEERING - THE CHENAB ARCH BRIDGE

Recently, Indian Railways completed the arch closure of the iconic Chenab Bridge in Jammu & Kashmir.

It is the world's highest railway bridge and is part of the Udhampur-Srinagar-Baramulla rail link project (USBRL).

This bridge is 1,315-metre long and is the highest railway bridge in the world being 359 metres above the river bed level.

The arch bridge on the Chenab River is India's first cable stayed railway bridge.

It is arguably the biggest civil-engineering challenge faced by any railway project in India's recent history.

The completion of the steel arch is a major leap towards the completion of the 111 km long winding stretch from Katra to Banihal.

This bridge is designed to withstand high wind speed up to 266 Km/Hour.

The bridge is designed to bear earthquake forces of highest intensity zone-V in India.

In fact the bridge can withstand upto 8 magnitude earthquakes.

The bridge is designed for blast load in consultation with DRDO for the first time in India.

First time in Indian Railways, Phased Array Ultrasonic Testing machine was used for testing of welds.

Being in a terrorist attack-prone area, it is specially designed to be "explosion proof".

When it comes to labour put in to built it, it is no less than Taj Mahal. Over 3200 people worked on the construction of the bridge at one point.

First time in Indian Railways, National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited lab was established at site for weld testing.

Extensive health monitoring and warning systems were planned through state-of-the-art instrumentation.

It will even be 35 meters taller than the Eiffel Tower!

It will surpass China's Beipan river Shubai railway bridge which has a height of 275 meters

- by Amritha.S.S (Civil - Second Yr)
Sona College of Technology, Salem

EDUCATION, ITS IMPORTANCE

Education is a constitutional right of every citizen that prepares an individual to play their role as a sophisticated member of the society. The importance of education and its significance can be understood through the life of an ignorant and illiterate person who has never had the chance to visit the school and is experiencing the bane of illiteracy. Education is a powerful weapon that aids an individual to face the adversities of life and overcome societal stigmas such as poverty, fear and status to achieve success. Mandatory education builds the scope of better growth and development. Education nowadays has become a prominent thing as it involves most people to take part in this matter. In addition, it cannot be separated from a human's life. Both males and females need to be educated. Education plays an important role in development of a country. Education makes us view obstacles as challenges to overcome with no fear and facing new things. It is a main factor behind successful people and merit of developed countries. Therefore education is deemed a real success behind any future success. The citizens of the nation are responsible for the greater future and progress of the nation. Education makes us a better person and teaches us various skills and it also improves the economic growth of a country.

- by Dharshini. V (EEE- First Yr)
Sona College of Technology, Salem

PUZZLES

1. What can go a chimney up a chimney down but can't go down a chimney up?
2. What has one eye but can't see?
3. Two in a corner, one in a room, zero in a house but one in a shelter. What am I?
4. The person who made it has no need of it; the person who buys it has no use of it, the person who uses it can neither see it nor feel it. What is it?
5. I have cities but no houses. I have mountains but no trees. I have water but no fish. What am I?
6. Spelled forwards, I'm what you do every day, spelled backward, I'm something you hate. Who am I?
7. What belongs to you but everyone else uses it?
8. What can fill up a room but takes up no space?

Answers:

1. An umbrella | 2. Needle | 3. The letter R | 4. A coffin
5. The map | 6. Live | 7. Your name | 8. Light

- by Ilakiya.S (CSE- First Yr)
Sona College of Technology, Salem

Creative Hues



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