

Category 8-  
Institutional Infrastructure/facility provided to authorities to combat COVID-19  
**Winner**



## SONA COLLEGE OF TECHNOLOGY



Award Ceremony of Utkrishi Sansthan Vishwakarma Award - 2020



- Highlights at Sona
- Contribution in Research
- Excellence in Placement
- Plethora of Online Events

- Skillful Pencil Sketches
- Art at Work
- Exuberant Poetry
- Creative Crosswords





## Research and Placement Endeavours

### SonaSPEED team furthers its reach



SonaSPEED designed, manufactured and delivered high performance brushless dc motor for advanced towed artillery gun system rocker mechanism to Bharat Forge Limited, Pune.



SonaSPEED and the Department of Electrical Engineering successfully developed, tested and delivered motors on 8th September 2020.



SonaSPEED and the Department of Electrical Engineering successfully developed, tested and delivered the sixth batch of wheels on 14th September 2020.

### MoU with NHA1



MoU signed and received by our Vice Chairman, Principal and Head of the Civil Engineering department between Sona College of Technology and NHA1 (National Highway Authority of India) on 04.08.2020.



Placement Milestones

**94% OVERALL PLACEMENT**

**170+ RECRUITERS (IT & CORE)**  
50% INTERNSHIPS

**3.8 LPA (ENGINEERING)**

**AVERAGE CTC**  
2.7 LPA (MCA)    4 LPA (MBA)

**HIGHEST INTERNATIONAL CTC**  
20 LPA (HUMAN RESOCIA, JAPAN)

**HIGHEST DOMESTIC CTC**  
10 LPA (MBA)

**HIGHEST DOMESTIC CTC**  
30 LPA (ENGG.)

**Mistral Solutions**

**CISCO**

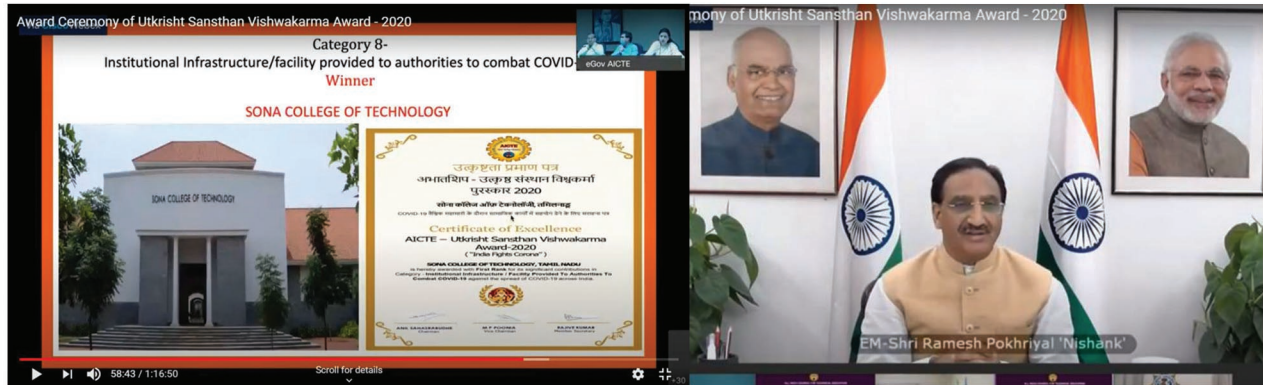
**OUR TRUSTED INDUSTRY PARTNERS**

WIPRO | Cognizant | CISCO | Cameron | Aditya Birla | Robert Bosch | Infoview | DXC | Morgan Stanley  
Hexaware | Optum Insight | Infosys | URC Constructions | Mistral Solutions | Renault  
Ford | Amazon | Open Text | Data Corp Traffic and many more...





Highlights



To combat the various challenges and issues thrown by the nature in the form of COVID19, AICTE has initiated Utkrishit Sansthan Vishwakarma Award (USVA) 2020 under the theme “INDIA FIGHTS CORONA” and invited proposal from polytechnics, engineering and pharma colleges to showcase their activities during the pandemic situation. With the bestowment of wide helping hands in various activities, Sona College of Technology bagged the winner position under the infrastructure category to combat COVID 19 to government institutions.

Across India, 535 applications were received and out of which 103 institutions were selected based on their contribution towards COVID 19 problems. Finally, 35 institutions were called to present their work to the AICTE expert members and SONA grabbed crown in the winner category for its great contribution to combat COVID 19 in the form of product development, infrastructure usage, online class delivery system and donation to needy people in the form of food, sanitizer, masks and gloves.



Dr Malathy R, Dean R&D and Professor of Civil Engineering, Sona College of Technology has won the first AICTE - Visvesvaraya Best Teachers Award 2020 on the occasion of Engineer’s Day. Mr Ramesh Pokhriyal ‘Nishank’ Union Education Minister presented the award to Dr Malathy R. Chairman AICTE, Prof Anil D Sahasrabudhe, Vice Chairman, AICTE, Prof MP Poonia and Member Secretary, AICTE Prof Rajiv Kumar also complimented the awardees during the event and highlighted the importance of teachers in nation building.





Highlights



Sona College of Technology has been placed in the Rank Band A (6<sup>th</sup> to 25<sup>th</sup> rank). Sona will continue to motivate the students in the areas of innovation and entrepreneurship development and maintain the environment to emerge with achievements.

**NEP 2020 scores high on intent, but will the implementation match?**

August 13, 2020 7:00 AM

Creating a single regulator – the Higher Education Commission of India—with four pillars that look into standards, regulations, accreditation and funding is a sound move.

By Chocko Valliappa

It's refreshing to see India get future-ready with a long-needed change in education policy. The national Education policy (NEP) is welcome on many counts. On the intent side, it gets high scores. Here are the hits and misses

**Regulations:** Creating a single regulator—the Higher Education Commission of India—with four pillars that look into standards, regulations, accreditation and funding is a sound move. Even 30 years after liberalisation, Indian education suffers from overregulations, with institutions having to deal with a maze of approvals, inspections, accreditations, from bodies like UGC, AICTE, NAAC, NBA, state regulations. The education ministry needs to build a consensus with states to make it simple to run



The bulk of spend in higher education goes to a few institutions—ITs and central universities and a few research centres.

The Vice Chairman, Mr.Chocko Valliappa's article in the Financial Express on 13th August 2020. The article talks about the hits and misses of the recent National Education Policy.



In the finals, our team GO-AGRO has bagged the first prize and a reward of Rs.1 lakh for the problem statement and overall third place under the nodal center in Smart India Hackathon 2020 organized by MHRD in association with AICTE under hardware and software editions.

The students team of GO-AGRO consists of C.Manimoliselvan, B.Dinesh Kumar, S.Manikandan and S.Lokeshwar from Civil Engineering, S.A.Kungumaswetha from Computer Science and S.Suvetha from Electronics and Communication Engineering mentored by Dr.R.Malathy, Head of the Department, Civil Engineering and Mr.N.Karuppaswamy, research scholar.





Highlights



Mr.S.Bharath, final year, Department of Electrical Electronics Engineering, achieved Eminent Engineer Award 2020 from Imagecon India.



Mr.K.R.Nitheesh Kumar, Mechanical Engineering, IV-Year successfully developed and launched the games - Alpha Ranger, Shadow Run in Playstore.



Sona College of Technology has started online courses to teach Japanese language.



The Sona Group of Institutions opened Sona Valliappa Public School, its latest addition to the world class educational institutes it already has. Sona Valliappa Public School offers kids a platform to learn the right way.



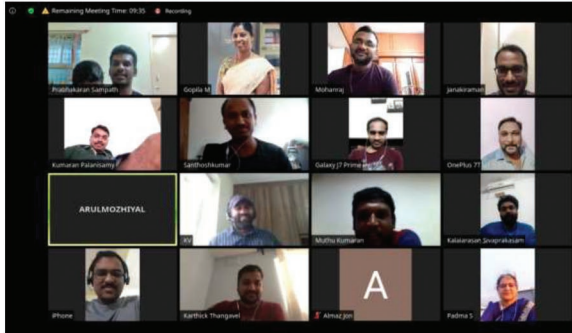
Mr. Thyagu Valliappa, Vice Chairman on behalf of the Sona Group of Institutions presented a printer to the Salem Police Department for goodwill towards the society.





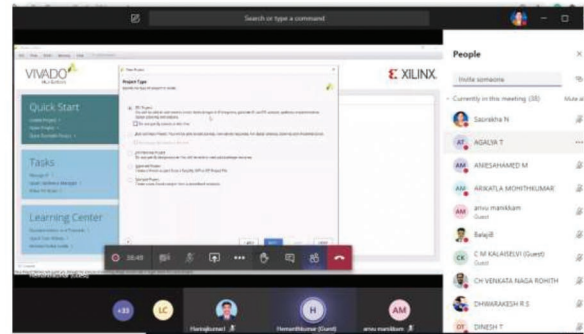
## A Myriad of Events - Happenings filled sona

### Online Teacher's Day meet with Alumni



Online Teacher's Day meet with the alumni, Principal, Heads of the Departments and faculty was held on 6th September.

### Webinar on DSP Applications



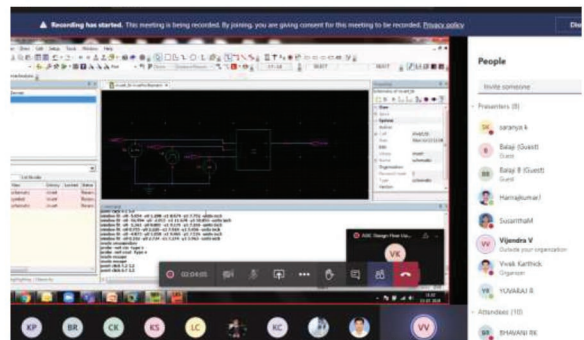
Webinar on the title 'FPGA design flow using Xilinx Vivado for DSP Applications' was conducted by Dr. N. Sasirekha of ECE department on 29th June.

### Webinar on Timing and Synchronization in 5G

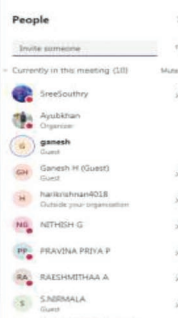
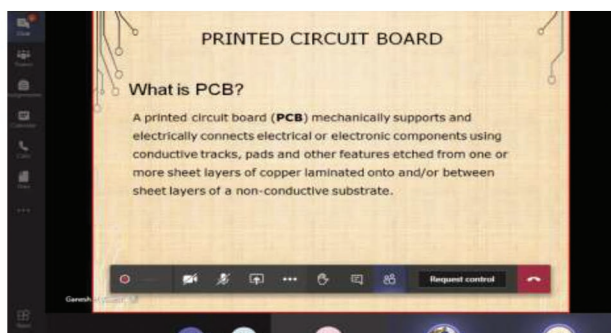


Webinar on the title 'Timing And Synchronization In 5G' was conducted by Dr. K. R. Kavitha and Prof M. Amutha of ECE department on 10th & 11th July.

### Webinar on Mentor Graphics



Webinar on the title 'Full Custom Ic Design Flow Using Mentor Graphics' was conducted by Prof J. Harirajkumar of ECE department on 13th July.



### Webinar on PCB

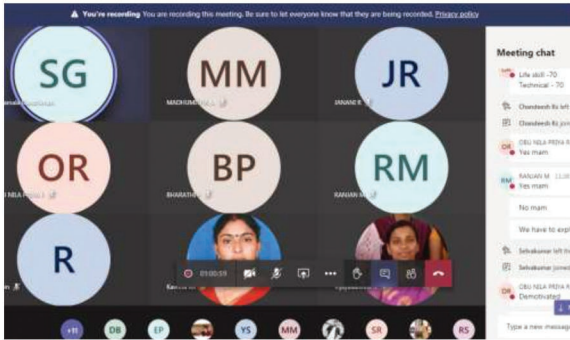
Webinar on the title 'Printed Circuit Board' was conducted by Professor A. Ayub Khan and Professor S. Sreesouthy of ECE department on 18th July.





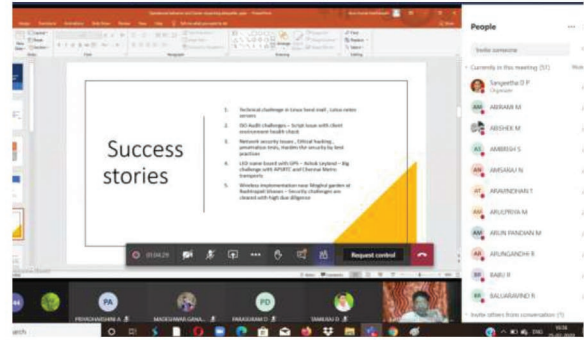
## A Myriad of Events - Happenings filled sona

Webinar by the ECE Department -  
Wear Your Caps



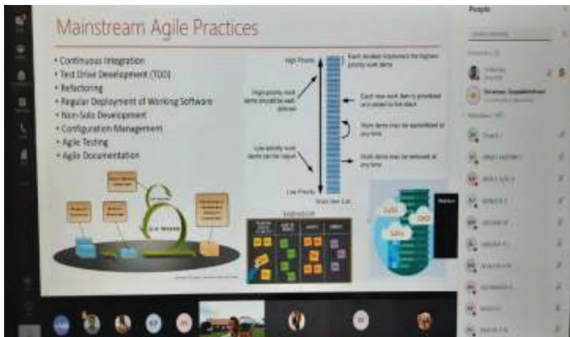
Webinar on the title 'Wear Your Caps' was conducted by Prof M. Amutha and Dr S. Vijiyalakshmi of ECE department on 18th of July.

Webinar on Industry Grooming



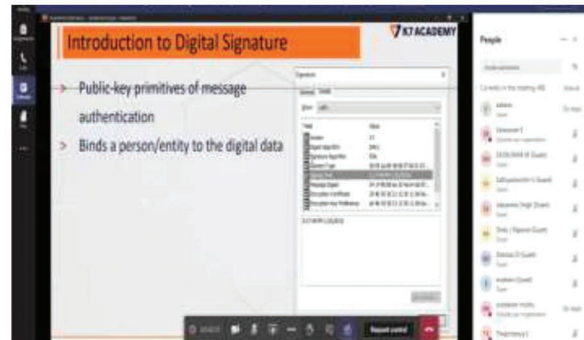
Webinar on the title 'Operational Behavior In Industry And Career Impacting Etiquette' was conducted by Mrs. D.P.Sangeetha of ECE department on 25th July.

Deployment of Agile at scale evolution,  
challenges and best practice

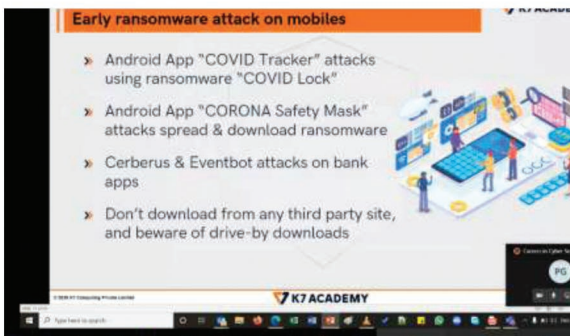


Webinar on "Deployment of Agile at scale Evolution, Challenges and Best Practice" was conducted by Mr.GoplaKrishnan Sriman, Program Champion, Philips India Pvt ltd, Chennai.

AICTE sponsored training programme



AICTE sponsored one week online Short Term Training Programme on Block Chain Technologies and its Application was organised by the Computer Science Department.



Two day programme on Cyber Security

A two day webinar on Careers in Cyber Security was conducted on 03-07-2020 and 04-07-2020. This webinar covered the various risks associated with common users of the internet, their level of seriousness and their counter measures. The resource person for this webinar was Mr. R Ravi Shankar, Asst Vice President – Head, K7 academy, Chennai.



Webinars @ Sona

Eminent Guests @ Sona

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

Cordially invites you all for  
**APPLAUDING THE BEST TEACHER AWARDEE & ENGINEER'S DAY CELEBRATIONS**  
15.09.2020 | 6.15 pm

Resource Person  
**AR. Rahul Kadri**  
Principal Architect, MK Architects

webcast on Microsoft Teams

Registration Link <http://bit.ly/ws/PJE7>

**FAST TRACK ONLINE CERTIFICATION COURSE**

- C++ 8<sup>th</sup>, 9<sup>th</sup> July 2020
- Code on Board 11<sup>th</sup>, 12<sup>th</sup> July 2020
- Xamarin 18<sup>th</sup>, 19<sup>th</sup> July 2020

Course Fee  
Any 1 course: Rs.300/-  
Any 2 courses: Rs.400/-  
All three course: Rs.500/-

Key Take away

- e-certificate for each course
- Hands-on Training
- e-material
- Develop your own project

Convenor: Dr. B. Sathyabhama  
Professor & Head/CSE, Dean - Academics

Staff Coordinators  
Prof. D. Vignesh, +91 9449 64336  
Prof. K. Prayudharan, +91 93108 07228  
Prof. S. Indrasubramanian, +91 91109 71564  
Dr. S. Sankar, +91 94864 71146  
Prof. M.R. Sundararaman, +91 97156 97777

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Department of CIVIL ENGINEERING  
In Association with ICI STUDENTS CHAPTER

Organises  
**CEMENT DAY CELEBRATION 2020**  
09.11.2020 @ 12 to 1 pm

Special address on 'Sustainability and Durability of Concrete Structures' by  
**Dr. R. S. SURESH**  
Professor & Head/CSE

Co-ordinators  
Dr. N. Suresh Babu, Prof. J. Harinarayanan, Prof. M. Suresh Babu, Prof. D. Vignesh Karthick, Prof. K. Saranya

Submit your poster at the link <https://bit.ly/cdgE7u>

E certificate will be provided for the participants

Meeting Link <https://bit.ly/3KvYzG0>  
Webcast on Microsoft Teams

Poster Contest Theme  
**Types of cement used in construction**

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Department of ELECTRICAL & ELECTRONICS ENGG.  
In association with The Institution of Engineers (India) IE(I)

One Day Workshop on  
**SMART TECHNIQUES IN MANUFACTURING**  
15<sup>th</sup> July 2020  
10 am to 11.30 am | 2.30 to 4.00 pm

Resource Persons  
Mr. R. Vignesh, Mr. Karthikayya Shanmugam  
Assistant Professor, Director  
HMT Chennai, Consultant

Topics covered  
Understanding Industry 3.0 for Industry 4.0  
Code your machine to your style  
Smart Manufacturing

Registration Link <https://shorturl.at/llulid>

Program link & further information will be sent through registered mail  
E-Certificate will be provided

Registration Fee  
**200/-** Includes GST

Convenor: Dr. S. PADMA, Professor & Head/ECE  
Co-ordinators: Dr. B. Venkateshwar, Dr. S. Karthick, Ms. S. Anuradha

Further Details Contact  
Dr. B. Venkateshwar, 94976  
venkateshwar@sona.ac.in  
+91 96284 89739

**SONA COLLEGE OF TECHNOLOGY**  
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Department of information technology  
In association with The Institution of Engineers (India) IE(I)

SonaWEB | Sona-FOSS  
Five Days Online Workshop on  
**INTRODUCTION TO MACHINE LEARNING WITH PYTHON**

13 to 17, July 2020  
10 am to 12 pm

Introduction to Machine learning I  
Introduction to Statistics I Libraries Introduction  
NumPy | SciPy | Pandas | Matplotlib | Seaborn | Scikit Learn

DAY 1  
• Logistic Regression  
• k-Nearest Neighbors (kNN)

DAY 2  
• Decision Trees  
• Random Forest

DAY 3  
• Naive- Bayes  
• Support Vector Machine (SVM)

DAY 4  
• K-Means  
• Apriori

DAY 5

Registration Link <https://forms.gle/HGLDxt9A54MhmtY8>

E-certificate will be provided

Further Details Contact  
Mr. S. David Samuel Azariah  
+91 9567970225 | david@sonacoltech.ac.in

Convenor  
**Dr. J. AKILANDESWARI**  
Professor & Head/IT, Dean - Academics

Co-ordinators  
Dr. J. Jaha Emlyn | Mr. S. David Samuel Azariah | Ms. D. Komalashini  
Ms. L. Jansi | Ms. Lydia D. Isaac | Ms. R. Sangeetha Priya | Mr. A. Naveen Kumar

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

Department of MECHATRONICS ENGG.

Webinar on  
**STRESS MANAGEMENT IN PANDEMIC: COVID-19**  
11<sup>th</sup> July 2020  
10 to 11.30 am

Resource Person  
**Dr. R. SURESH**  
Professor & Head/MCT

Registration Fee Rs.118/-  
Includes GST

Convenor: Dr. R. SURESH, Professor & Head/MCT  
Co-ordinators: Mr. R. Suresh Babu, Mr. A. Shaligram, Mr. S. Karthick, Mr. S. Anuradha

Registration Link <https://forms.gle/gcYzLl8g9p7t918>  
E-certificate will be provided



**Dr. V. I. Lakshmanan**  
Vice-Chairman & CEO  
Process Research ORTECH Inc, Canada

"I am very impressed seeing research at Sona on leading knowledge areas for coming years be it space, energy and skill development. I am impressed at how you blend both research and technology commercialization."



**Dr. K. M. Suceendren**  
Senior General Manager &  
Principal Consultant  
Tata Consultancy Services

"It's my pleasure and honour to be at Sona, one of the top engineering colleges in the nation. Students of Sona College of Technology have the capability to be the best of the best."



**Mr. Vivek Velmurugan**  
Lyricist - Tamil Film Industry

"It is important to choose the audience in a gathering and here the Sona audience make a worthy gathering. People at Sona get their love and adoration from others and it is fit that they get all that."



**Prof. Anil D. Sahasrabudhe**  
Chairman, AICTE

"I am very excited to be at Sona College of Technology and take a look at the R & D centres which are centres of excellence. Congratulations to Sona College of Technology for the excellent research and development work you do here. All the best and continue to inspire other colleges."



## Creative Cluster

### Take a Break

The stars shine,  
While the losers whine.  
Spread love which is the best,  
But never the lust ,which turns to dust.  
The future was never my fears, Never a success without few tears.  
Phoenix rises when they fall, Why can't you when you have all.  
Obstacles may throw a strong strike,  
Take a five and go on a hike.  
Life is a pile of rock,  
Out there none with a time on their clock.  
Life was never an easier way,  
Make your way and let them say,  
'it was impossible' Damn!!!

*Compiled by - R.Mohamad Abbas (Mech - Final Yr)  
Sona College of Technology, Salem*

### PRETTY ugly

I'm very ugly  
So don't try to convince me that  
I'm a very beautiful person  
Because at the end of the day  
I hate myself every single day...  
And I'm not going to lie to myself by saying..  
There is beauty inside me that matters.  
So rest assured I will remind myself...  
That I am a worthless, terrible person  
And you say will make me believe,  
I still deserve love  
Because no matter what  
I am not good enough to be loved  
And I am in no position to believe that  
Beauty doesn't exist with me  
Because whenever I look at the mirror, I always think....  
Am I as ugly as people say???!!!  
(now read bottom top)

*Compiled by - Suruthi K (CSE-III Year)  
Sona College of Technology, Salem*

### Life is too short!

Life is too short to wake up in the  
morning with regrets....  
So,love the people who treat you right and  
forget about the ones who don't....  
And believe, that everything  
happens for a reason.....  
If you get a chance.....take it.....  
If it changes your life.....Let it.....

*Compiled by - R.Sruthi (IT)  
Sona College of Technology, Salem*



## Time

Sixty Seconds makes a Minute;  
How much good can I do in it?  
Sixty Minutes makes an Hour,-  
All the good that's in my power.  
Twenty Hours and four, a day,-  
Time for work, and sleep, and play.  
Days, Three hundred sixty-five,-  
Makes a year for me to strive.  
Few good things for me to do,  
That I wish may grow and true.

*Compiled by - Mohanbabuji G (CSE - III Yr)  
Sona College of Technology, Salem*

## YOU

"Darling, lay a red carpet out for  
your flaws. Flourish in your  
imperfections. Love yourself.  
Show them you have no shame in  
Who you are."

*Compiled by - Joyce K (Civil-III Year)  
Sona College of Technology, Salem*

## Hand from TEC

Like sand filtering  
Through a child's finger  
Your slipping out of my life  
Your going away from me  
I see you do that  
I watch you  
Walking away from me  
But I can't seem to do anything for it  
I can't even move a limb  
I can't even stop and ask you to stay  
I feel useless  
So I just sit and watch you  
As you take each step away  
From the little life we built together  
And those little stabs  
Kill my heart  
With a splash of red  
For each step you take  
In your journey  
Of getting away from me  
Since our last day and last smile of mine  
Thinking of what  
We have just  
Lost !  
And here come a hand to hold me  
Hey!!! Just wait here comes another, a one more hand to hold  
me and raise me up.  
A Family called TEC to hold me !


*Compiled by - M Swarnambiga (Final Year)  
Sona College of Technology, Salem*



## QUIZ

- Find idioms and phrases: To drive home  
 A. To find one's roots      B. To return to place of rest      C. Back to original position      D. To emphasise
- Find synonyms: CORPULENT  
 A. Lean      B. Gaunt      C. Emaciated      D. Obeses
- Frame the sentence using given options : When he  
 P : did not know      Q : he was nervous and      R : heard the hue and cry at midnight  
 S : what to do  
 The Proper sequence should be:  
 A. RQPS      B. QSPR      C. SQPR      D. PQRS
- verbal analogy: LIGHT:BLIND  
 A. speech:dumb      B. language:deaf      C. tongue:sound      D. voice:vibration
- The brides were much \_\_\_\_\_ than the grooms.  
 A. young      B. younger      C. youngest      D. None
- Who invented the internet?  
 A. Robert E. Kahn and Vint Cerf      B. Philip Diehl      C. William Sturgeon      D. Frederick Banting
- Dr. Ambedkar considered \_\_\_\_\_ as the heart and soul of the Indian Constitution.  
 A. Right to Equality      B. Right to Education      C. Right to Freedom of Speech  
 D. Right to Constitutional Remedies
- When is National Army Day celebrated?  
 A. February 13th      B. January 15th      C. November 8th      D. December 4
- The Great Victoria Desert is located in  
 A. Canada      B. West Africa      C. Australia      D. North America
- Retina contains the sensitive cells called  
 A. rods and cones      B. cones and cortex      C. rods and pelvis      D. cortex and fovea

## Puzzle

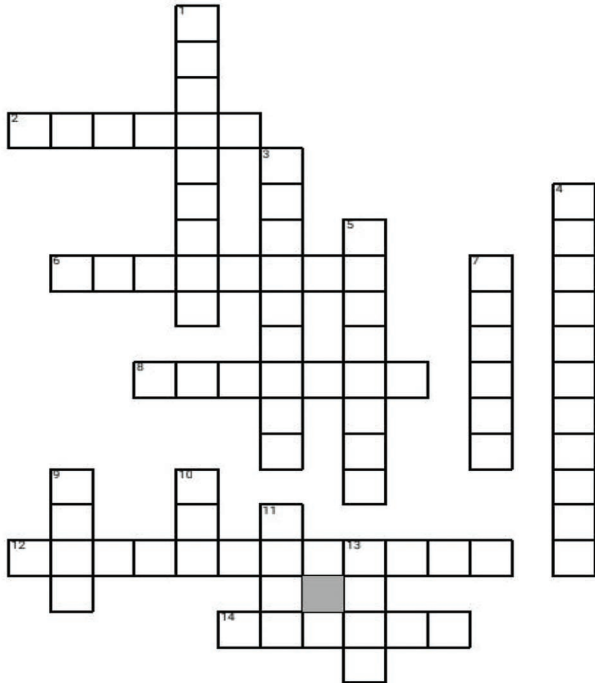
- There are 5 sisters in the room: Ann is reading a book, Margaret is cooking, Kate is playing chess, Marie is doing laundry. What is the fifth sister doing?
- What travels around the world staying in the same corner?
- Lose me once, and I'll come back stronger.  
 Lose me twice, and I'm gone forever.  
 What am I? 
- What can you see once in a minute, twice in a moment, and never in a thousand years?
- I exist only when there is light, but direct light kills me. What am I?

## Answer

- One who is playing with kate
- Stamp
- Teeth
- The letter M
- Shadow



**Crossword Puzzle**



**Across**

- 2 What type of noun is "Villa Sanite - Marcelline"?
- 6 The comparative degree of the word "clever"
- 8 Proper noun (a student in 1B and famous avenue in NYC)
- 12 A word that shows emotion
- 14 I describe a verb

**Down**

- 1 I describe a noun and a pronoun
- 3 Plural of "library"
- 4 What type of word is "inside"?
- 5 Best teacher of secondary 1 (all in one word)
- 7 Superlative of the word "wise"
- 9 Past tense: the school bell (to ring)
- 10 Adverb: the girls wer studying \_\_\_\_\_ weeks
- 11 Past participle of the verb "to read"
- 13 A pronoun to replace "the students of class 1B"

**Answer**

- 1. Adjective      2. Proper      3. Libraries      4. Preposition      5. Mrs. Sobel      6. Cleverer
- 7. Wisest      8. Madison      9. Rang      10. For      11. Read      12. Interjection
- 13. They      14. Adverb

**Word Puzzle**

Word boxes are like miniature crossword puzzle, expect that each word is filled in across and down the grid. That is, the answer to 1 across is the same word as the answer to 1 down; 2 across is the same as 2 down ; etc.

**Puzzle 1**

- 1. Matter unit
- 2. Lion handler's task
- 3. Warning sign
- 4. fix

	1	2	3	4
1				
2				
3				
4				

**Puzzle 2**

- 1. Wander (about)
- 2. Inspiration of invention
- 3. Superman foiler
- 4. Woman

	1	2	3	4
1				
2				
3				
4				

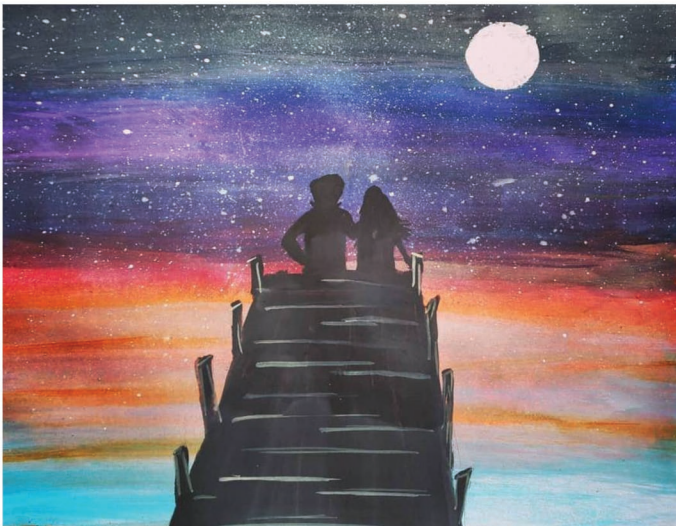
**PUZZLE 1 ANSWER**

	1	2	3	4
1	A	T	O	M
2	T	A	M	E
3	O	M	E	N
4	M	E	N	D

**PUZZLE 2 ANSWER**

	1	2	3	4
1	M	I	L	L
2	I	D	E	A
3	L	E	A	D
4	L	A	D	Y

A Play with Colours



S. Kamalee - B.E(Civil) Second year  
Sona College of Technology. Salem



Janani. S.R - B.E(Mech)  
Sona College of Technology. Salem



Sneha.BJ , B.Tech (FT)III yr  
Sona College of Technology



A Play with Colours



Sneha.BJ , B.Tech (FT) III yr  
Sona College of Technology



Skill and Precision on Pencil



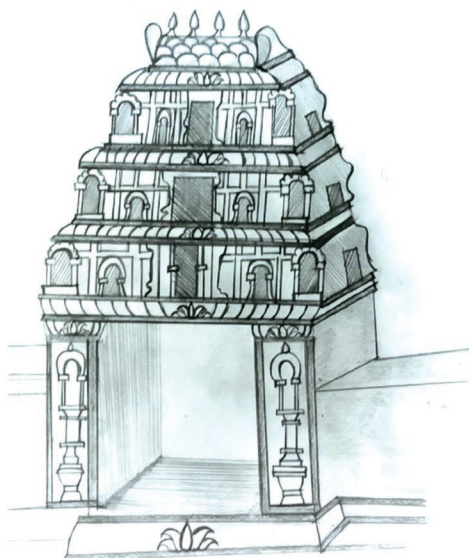
Janani. S.R , B.E (Mech)  
Sona College of Technology



Sneha.BJ , B.Tech (FT)III yr  
Sona College of Technology



R Nivedhitha, B.Tech (FT)III yr  
Sona College of Technology



Negaa. S , B.Tech (FT) III yr  
Sona College of Technology