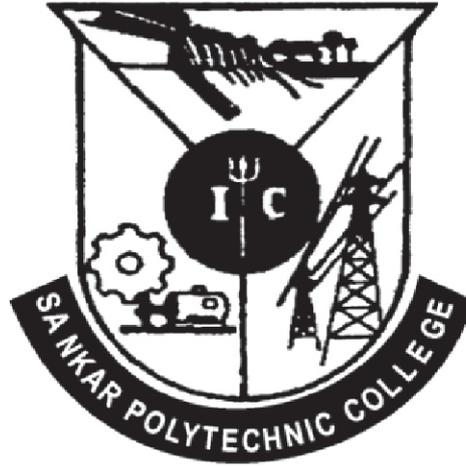


SAMPA



SANKAR POLYTECHNIC COLLEGE

(AUTONOMOUS)

Sankar Nagar, Tirunelveli - 627 357

www.spc.edu.in

<http://sankarpolytechniclibrary.wordpress.com/>

sankarpolytechniclibrary@gmail.com

From The Principal's Desk...

It gives me immense pleasure to write felicitation for our College Magazine. First, I congratulate students who have contributed to the magazine. I also congratulate the staff for their contribution. Students should utilise the opportunities available to them to express their talents. Along with technical knowledge, students have to develop their overall well being. Vast reading will enhance your deep knowledge. This is the right time to read and learn a lot. I encourage all the students to take the responsibility of their life for the overall long time well being. Each and every second is important to achieve this goal. I wish you all the great success.




A Nasir Ahamed
Principal

From The Editor's Desk...

With pride and pleasure, we release the magazine of College. It is a good platform for both staff and students to bring out their rare talents. We thank our College Management, Principal and Manager for their support and guidance in bringing out the magazine with flying colours. We express our gratitude and sincere thanks to all our staff and students for their valuable contribution to the magazine. We have great pleasure in inviting the readers to go through the pages of our magazine and present their valuable suggestions to achieve greater heights in the coming years.

Editor:

Dr. B. Vijayalakshmi

Librarian

Student Editors:

K. Gilson Beer Mohammad

II yr 'B' Section Mechanical Department

A. Afshan Fareen

II Yr ECE Department



CONTENTS

S. No	Title	Title	Page No
1.	Results for the years 2020 & 2021		1
2.	Placement cell		1
3.	Club Activities		2
4.	NSS Activities		3
5.	Library Activitties		5
6.	Staff Professional Activities		8
7.	Satellite Communication	S. Nedunchezian - <i>S.L / ECE</i>	29
8.	Exercise Daily	R. Joice Hemalatha - <i>Lect / Physics</i>	31
9.	Environmental Pollution	D. Muthu lakshmi - <i>Lecturer / ECE</i>	32
10.	Self- Discipline The Foundation For Success	R. Joice Hemalatha - <i>Lect / Physics</i>	33
11.	Technology In Human Life	Y. Palin Visu - <i>Lecturer / ECE</i>	34
12.	மொபைல் போன்கள் நிச்சயம் தேவை தேவை கூடுதல் கவனமும்	K. Jothi Rajameenakshi - <i>Lecturer/ECE</i>	35
13.	A Motivation Poem For Success	K. Gilson Beer Mohamed - <i>II yr MEC</i>	37
14.	Drawing	A. Afshan Fareen - <i>II ECE</i>	38
15.	கல்வி	K.S. Authinathan - <i>Mech 'B'</i>	38
16.	நீங்கள் வியந்து பார்க்கும் நபர்	R. Selvamari	39
17.	நான் வியந்து பார்க்கும் நபர்	A. Pushparaj - <i>Mechanical Engineering</i>	40
18.	அப்பா	அ. புஷ்பராஜ்-முதலாமாண்டு மெக்கானிக்கல்	41
20.	Healthy Tips	A. Afshan Fareen - <i>EcE</i>	42
19.	அப்பா	அ. புஷ்பராஜ்	43
21.	The Childhood Memories	K.A. Parkavi - <i>ECE</i>	44
22.	Expected the unexpected and always be protected	M. Arun Kumar - <i>Mech - III 'A'</i>	45
23.	ஐ (தேநீர்)	P. Muthu Lakshmi CT Dept - <i>III yr</i>	46
24.	Book Reading	N. Kalaiselvan - <i>II yr EEE</i>	48
25.	Book Reading	K. Maheswary Meena	50
26.	The Person I was Amazed To See Is Indian Army Soldiers	P. Navin - <i>II yr EEE</i>	52
27.	Social Works of our Students	Pushparaj - <i>III yr MEC</i>	54

RESULTS FOR THE YEAR APRIL, 2021 (2019-2021 BATCH)

Department of Civil Engineering - 100%

Department of Computer Science Engineering - 100%

Department of Electronics and Communication Engineering – 100%

Department of Electrical and Electronics Engineering – 100%

Department of Mechanical Engineering – 100%

PLACEMENT CELL

More than 90% of the students were placed in good reputed companies. The company names are as follows.

- | | |
|---|--|
| 1. MANDO AUTOMOIVE INDIA PVT LTD., | 1. HARRISH REBAR ENGINEERING SERVICE PVT LTD., |
| 2. SENSEGE TRANSPORTAIONS SYSTEMS AND SOLUTIONS PVT LTD., | 2. GSPACTAIL TECHNOLOGIES PVT LTD., |
| 3. MODINE THERMAL SYSTEMS PVT LTD., | 3. ROYAL ENFIELD PVT LTD., |
| 4. ZOHO | 4. WIND WORLD PVT LTD., |
| 5. BORG WARNER MORSE TEC INDIA LTD., | 5. JSE PVT LTD., |
| 6. TVS MOTORS PVT LTD., | 6. LMW PVT LTD., |
| 7. SCHNEIDER ELECTRIC INDIA PVT LTD., | 7. EUREKA FORBES PVT LTD., |
| 8. RIDH ENGINEERING SERVICE PVT LTD., | 8. KATTRAPIN TECHNOLOGIES PVT LTD., |
| 9. O GURU PVT LTD., | 9. SOUTH INDIA BOTTLING PVT LTD., |
| 10. DANFOSS INDUSTRIES PVT LTD., | 10. BOSCH PVT LTD., |
| 11. CADENCE DESIGN SYSTEM INC PVT LTD., | 11. APOLLO TYRES PVT LTD., |
| 12. SAINT GOBAIN INDIA PVT LTD., | 12. CEAT PVT LTD., |
| 13. YANMAR ENGINE MANUFACTURING PVT LTD., | 13. DAIMLER |
| 14. ANAND ELECTRONICS INDUSTRIES PVT LTD., | 14. ECARE PVT LTD., |
| 15. DATA PATTERNS INDIAPVT LTD., | 15. CALIPER INTERCONNECTION SYSTEMS PVT LTD., |
| 16. I WAVE | 16. ASHOK LEYLAND PVT LTD., |
| 17. L&T MUMBAI PVT LTD., | 17. NIKI PVT LTD., |
| 18. L&T COIMBATORE (DEFENCE) PVT LTD., | 18. TITAN PVT LTD., |
| 19. BRAKES INDIA PVT LTD., | 19. VALEO FRICTION PVT LTD., |
| 20. SCHWING STETTER PVT LTD., | 20. YAMAHA PVT LTD., |
| 21. SRI ABRAMI ELECTRICALS PVT LTD., | 21. DMW PVT LTD., |
| 22. EMERTEX PVT LTD., | 22. BMW PVT LTD., |
| 23. ARECA PVT LTD., | 23. TIMKEN |
| 24. LUCAS TVS PVT LTD., | 24. VIMICRO SYSTEMS PVT LTD., |
| 25. JOSH TECH PVT LTD., | 25. SUNDARAM FASTNERS PVT LTD., |
| 26. GESCO HEALTH CARE PVT LTD., | 26. RANE ENGINE VALVES |
| 27. AVLON PVT LTD., | 27. URC CONSTRUCTIONS PVT LTD., |
| 28. TUBE INDIA INVESTMENT PVT LTD., | 28. CCC PVT LTD., |
| 29. NISSEI ELECTRIC INDIA PVT LTD., | 29. WABCO INDIA PVT LTD., |
| 30. MDS REBAR ENGINEERING SERVICE PVT LTD., | 30. ANAND GROUP OF COMPANIES PVT LTD., |

Mr.A.Nasir Ahamed | Mr A.C.V.Siva Sailam

CLUB ACTIVITIES

CIVIL CLUB ACTIVITIES

- Conducted Quiz - Levelling In Surveying
- Conducted Quiz - Overview Of Covid 19
- Conducted Quiz - Civil Engg Marvels In 7 Wonders Basic Construction Materials Phase I
- Conducted Quiz - Hydrology
- Conducted Quiz - Construction Planning And Management
- Conducted Quiz - Air Pollution
- Conducted Quiz - Structural Engineering
- Conducted Quiz - Simple Aptitude

July - 2020

- Conduct Online Quiz - Advanced Concrete Technology
- Conduct Online Quiz - Railway Engineering
- Conduct Online Quiz - Transportation Engineering
- Conduct Online Quiz - Engineering Mechanics

19/06/2020, 20/06/2020, 28/06/2020, 06/08/2020

Conducting On Quiz For Estimating And Costing

COMPUTER ENGINEERING CLUB ACTIVITIES

Department of Computer Engineering has organized following quiz programmes during pandemic period.

- | | |
|-----------------------------|------------|
| 1 . Quiz on Network | 20.06.2020 |
| 2 . Quiz on Python | 09.07.2020 |
| 3 . Quiz on Web Programming | 20.07.2020 |
| 4 . Quiz on Linux | 26.05.2021 |

All the students were participated. This encourages them to learn new information, even when they are away from regular classes.

ECE CLUB ACTIVITIES

Conducted Online Quiz Program On "Communication Engineering Basics" in the month of June 2020

NSS ACTIVITIES

Awareness of Covid- 19 and Importance of Hand Washing given by **Dr Nambi Nachiyar**, Govt. PHC, Rajavallipuram on 12-03-2020



Development of Green Campus on 26/10/21
Chief Guest **Dr.R.RAjababu**, Asst Prof.,
TNAU, Virdhunagar

Blood Donation Camp organised in association with **Tirunelveli Medical College** on 22/11/21.
54 Units of blood donated by our Volunteers.



Our Principal gave awareness on **Green environment** on 27/10/2021



*National
Service Scheme*



NSS Camp 10/03/2022 to 16/03/2022 NSS Special Camp presided over by Our Principal **Dr. G. Sankarasubramania**



Adopted Village - Tamil Nagar Women Youth Wing with Camp Organisers



Our NSS in association with Agarwal Eye Clinic, Tirunelveli - Eye Camp presided over by Tirunelveli Deputy Meyor Mr Raju



Warm Welcome Given to Our Chief Guest **Mr. Saravana Muthu**, ICL Plant Head and **Mr. Chithiraivel**, AO, SPC



Our Principal is distributing Tree Saplings to the Villagers



Section of Villagers and Campers



6 Days Basket Making Training Programme given to Villagers

LIBRARY CLUB ACTIVITIES

Report of the National Workshop :

With the collaboration of SALIS (Society for the Advancement of Library and Information Science), Sankar Polytechnic College Library has organised National Workshop on Citation Metrics, Ethics, Methods and Reference Management Tools on 14th and 15th September, 2020. On 14th September, 2020, by 10.15 am the programme started with a Welcome note given by Mrs B Vijayalakshmi, Librarian, SPC. Dr M.Mani, Librarian, Einstein College of Arts and Science, Tirunelveli has given short description about Salis. Mr.P.Madhavan, Senior Grade Lecturer in English Department has delivered inaugural address. Dr L Radha, Librarian, Thiagarajar College of Engineering, Madurai introduced the Chief Guest Dr Nabi Hasan, Librarian, IIT Delhi.

Then the first session the handed over to the Chief Guest by 10.30 am and he delivered Keynote address on Mapping & Maximizing Academic Visibility & Impact of Research Output. The session is contained of new terms and explanations. It provokes the interest to learn and to work on our research and research publications and to record those. It guides the participants towards right direction of their academic endeavors. This session ends up with question answer session by 12.00 Noon. Vote of thanks was proposed by Dr .L .Radha, Librarian.

On 15th September, 2020, by 10.00 am programme started with Welcome address given by the Librarian, SPC and resource person was introduced by Dr P Paneerselvam, Librarian, B S Abdur Rahman Crescent Institute of Science & Technology, Chennai. Dr K.Ramasamy, Librarian, M V Muthiah Govt Arts College for Women, Dindigul handled second and third session on the topics of Introduction to Citation Metrics, Ethics, Methods and Importance and Mendeley. The second session explains basic introduction to citation, importance and methods.

The third session was guided to work with mendeley by practical demo and interactive. The session was useful to handle references and to use mendeley. Vote of thanks was proposed by Dr P Paneerselvam, Librarian. Afternoon session begins with welcome address by Dr. P.Renuka, Librarian, Sri Parasakthi College for Women (Autonomous), Courtrallam at 03.00 pm. Followed by that Dr Vimal Kumar V, Reference Assistant, Mahatma Gandhi University Library, Kottayam, Kerala handled the fourth session on the topic of ZOTERO and MS WORD vs Google Doc.

This session is explained in detail and highly understandable. The session was given a demo and it was interactive. Resource person as cleared the doubts of the participants. Vote of thanks was given by Mrs B Vijayalakshmi, Librarian, SPC by 4.30pm. All the sessions were informative and useful. Commendable feedback was received from the participants.

Here short note about the participants from their registration form and preworkshop survey. Most of the participants that is, 37% of them are Doctorate holders, 20% of them are NET/SET Holders. It is already a learned society and also learning society. 41% are Librarians and 39.1% of them are having more than 15 years' of experience. 64% of them are from arts and science colleges, and our participants are not only from Tamilnadu, from all over India , Nellore, Gulburga, New Delhi, Mandya, Jabalpur, Khopoli, Nainital, Gondpipri and one from Sri Lanka..

Thus Webinar's advantage. will became real national Workshop. 56% of the participants expects English language, 39% of them wanted English and Tamil as preferred language and some mentioned Tamil, Hindi, Malayalam as preferred languages 85% wanted to learn basics of citations. 46% wanted to learn mendeley, and 97% would like to learn how to increase academic visibility. Totally 216 academicians were registered. But, every session around 40 to 60 participants were participated and benefited. All the sessions were telecasted by Zoom platform.

Koha Installation and Glables:

With the help of Koha DVD of Dr.V.Vimalkumar Sir, Reference Assistant, Mahatma Gandhi University, Kottayam Koha has been installed at Annai Hajeera College, Melapalayam, Tirunelveli in the month of Feburary, 2021. Glables also installed to generate barcodes for Library books.

Librarian Day Celebration:

On account of Librarian Day celebration, Library guest lecture programme on E Resources for Technical Learning was organised by library club on 12/08/2021. The programme started with Tamilthai Vazhthu sung by our student Nirmal Kumar.S, 183132 III Year A, EEE. Dr.G.Sankarasubramanian, Principal delivered Presidential address.

He explained importance of e learning. Felicitation address delivered by Mr.P.Madhavan, Senior Lecturer, English. He has pointed out important and big libraries information. Chief Guest was introduced by Dr.B.Vijayalakshmi, Librarian. Dr. M.Mandhirasalam, Librarian & Dean (ARRA), Coimbatore Institute of Technology, Coimbatore has acted as Chief guest and delivered lecuter. Chief Guest encouraged the students to access e resources.

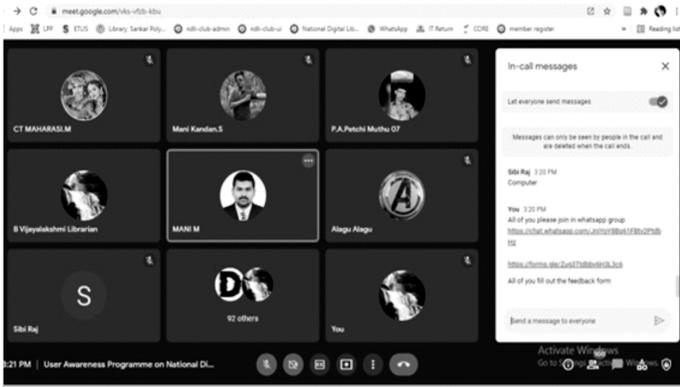
Vote of Thanks was given by V. Hariharan,201113,II Year, CIVIL. With the National Anthem sung by our student Nirmal Kumar.S, 183132 III Year A, EEE, the programme came to an end. Google meet link: <https://meet.google.com/pai-iavf-efz>



Our College is registered with National Digital Library club under the National Digital Library of India on 24th June, 2021.

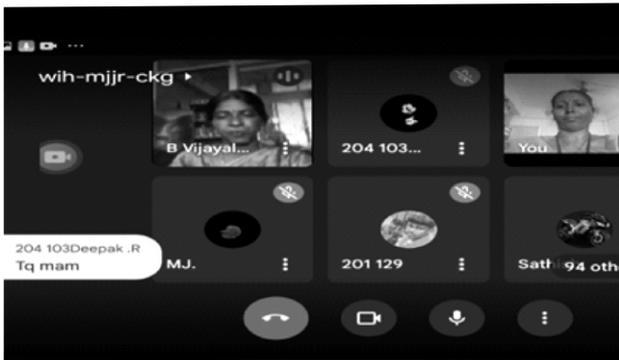
Saraswathi Pooja:

On 13/10/2021, Saraswathi Pooja has been celebrated. Dr.G.Sankarasubramanian, Principal, SPC, Mr.I.Saravanan, Head, Dept of EEE have visited the Library and organised the pooja.

User Awareness Programme:

User awareness programme on national digital library was organised by NDLI club and library club on 20/11/2021. The programme started with Tamilthai Vazhthu sang by our student Nirmal Kumar.S, 183132 III Year A, EEE. Welcome Address was given by Mr A Nasir Ahmad, Head, E C E , S P C , P r e s i d e n t , N D L I Dr.G.Sankarasubramanian, Principal delivered Presidential address. He explained importance of e learning. Chief Guest was introduced by

Dr.B.Vijayalakshmi, Librarian. Dr.M.Mani, Librarian, D.D.G.D. Vaishnav College (Autonomous), Chennai has acted as Chief guest and delivered lecture. He enlighten the students on National Digital library resources, how to access, how to download. Chief Guest encouraged the students to access e resources. Vote of Thanks was given by Dr.SuthaPonnarasi, Lecturer, EEE, SPC, Executive Member, NDLI. With the National Anthem sung by our student Nirmal Kumar.S, 183132 III Year A, EEE, the programme came to an end. Google meet link: <https://meet.google.com/eya-jenw-qxh>

Right Attitude for Right Students Programme:

Right Attitude for Right Students programme was organised by NDLI Club and Library club on 15/12/2021. The programme started with Tamilthai Vazhthu sung by our students Hari Hara Subramanian.C, Bilson.B, Balaji.M III, Civil. Welcome Address was given by Balaji.M III, Civil. Chief Guest was introduced by Dr.B.Vijayalakshmi, Librarian. Ms T Miruna Devi, Assistant Professor, Department of Economics, Sri Sarada College for Women (Autonomous), Tirunelveli - 627 011 has acted as Chief guest and delivered lecture. She

enlighten the students on Right Attitude, how it helps in life. Chief Guest encouraged the students to give respect to the elders. Vote of Thanks was given by Balaji.M III, Civil. With the National Anthem sung by our students, the programme came to an end. Google meet link: <https://meet.google.com/wih-mjrr-ckg>.

STAFF PROFESSIONAL ACTIVITIES**Courses Completed**

- Dr. B. Vijayalakshmi, Librarian has successfully completed PhD in Library Information Science in October, 2020.
- Mr.S. Manickavasagam, Workshop Instructor, Electronics and Communication Engineering, has successfully completed M.E. in Applied Electronics with first class on November 2020.

Participation Conferences / Seminars / Webinars / Quiz / FDP

Mrs. M.Vasantha Priya

DEPARTMENT OF CIVIL ENGINEERING

S.no	Date	Topic	Name Of The Institution
1	13-06-2020	Bim For Digital Construction	Scad Polytechnic College
2	17-06-2020	Yoga For Wellness	Scad Polytechnic College
3	18-06-2020	Students Self Reflection	Scad Polytechnic College
4	18-06-2020	Machine Learning For Engg Education	Fx Polytechnic College
5	19-06-2020	Advances In Nano Science & Nano Technology	Scad Polytechnic College
6	20-06-2020	Learning To Learn English -the Easy Way	Scad Polytechnic College
7	21-06-2020	Effective Communication For Enhancing Teaching Learning Process	Narasus Sarathy Institute of Technology
8	22-06-2020	Future India For Technocrats	Scad Polytechnic College
9	24-06-2020	3d Modelling Using Google Sketchup	Fx Polytechnic College
10	25-06-2020	How To Prepare Yourself For TnpSC	Fx Polytechnic College
11	25-06-2020	Success Secrets	Scad Polytechnic College
12	26-06-2020	Carbon Footprint	Kalasalingam Institute Of Tehnology
13	26-06-2020	Need For Pollutant treatment Techniques For Future World	Scad Polytechnic College
14	26-06-2020	Order Fuzzy Numbers & its Application	Narasus Sarathy Institute Of Technology
15	27-06-2020	Tune Yourself	Fx Polytechnic College
16	27-06-2020	Emerging Green Technology On Waste Water Treatment	Scad Polytechnic College
17	29-06-2020	Deep Learning & Its Applicaion	Scad Polytechnic College
18	01.07.2020	Everyone Can Become An Inspiring Teacher Knowledge	Institute Of Technology
19	03-07-2020	Energy From Dairy Waste	FX Polytechnic College, Tharuvai
20	03-07-2020	Communication Skills For Career Oppurtunities	Scad Polytechnic College, Cheranmahadevi
21	08-07-2020	Sustainable Building And Rating	Scad Polytechnic College, Cheranmahadevi
22	08-07-2020	Wind Energy	Sankar Polytechnic College
23	08-07-2020	After Lockdown, The Future In Building Information Modeling (bim)	FX Engineering College, Vannerpettai
24	09-07-2020	Tekla Structure	FX Engineeri College,vannerpettai
25	10-07-2020	New Approaches In Composite Deposition	Scad Engineering College, Cheranmahadevi

26	11-07-2020	Celebrating Concrete Structures: Possibilities and Challenges	Jansons Institute of Technology, Coimbatore
27	11-07-2020	Matrix Displacement method of Analysis	Fx Engineering College, Vannerpettai
28	14-07-2020	Crisis in Environment Strategies and Remedies	Sri Ramakrishna Polytechnic College, Coimbatore
29	14-07-2020	Essentials of renewable energy	Scad Polytechnic College, Cheranmahadevi
30	14-07-2020	Challenges and Oppurtunities in Durability: Design of RCC Structure	Fx Polytechnic College, Tharuvai
31	14-07-2020	Civil and Architectural Designs in Virtual Reality	KPR Institute of Engineering and Technology, Coimbatore
32	15-07-2020	Applications of Geosynthesis in Modern Civil Engineering	Fx Engineering College, Vannerpettai
33	16-07-2020	Building Cracks and Causes	KPR Institute of Engineering and Technology, Coimbatore
34	17-07-2020	The Impact of Drones in Construction Industry	PET Engineering College, Vallior
35	17-07-2020	Artificial Intelligence Applications	Fx Polytechnic College, Tharuvai
36	17-07-2020	Dating Geo-Archacological Material using luminescence	APC Mahalaxmi College for Women, Thoothukudi
37	17-07-2020	3D Modelling using Revit Structure	KPR Institute of Engineering and Technology, Coimbatore
38	18-07-2020	Energy Conversation and Management	Fx Engineering College, Vannerpettai
39	18-07-2020	Design Concept in Raft Foundation for high Rise Building	kuppam Engineering College, Chennai
40	18-07-2020	Biomolecules as water quality concern	KPR Institute of Engineering and Technology, Coimbatore
41	18-07-2020	Character Building	Scad Polytechnic College, Cheranmahadevi
42	19-07-2020	Competitive Examination Preparation Techniques	KPR Institute of Engineering and Technology, Coimbatore
43	20-07-2020	Financial Wellness	KPR Institute of Engineering and Technology, Coimbatore
44	21-07-2020	Hydro Power Structure	Sakthi Polytechnic College, Coimbatore
45	22-07-2020	The Space Scientists - Mission Adithya	Jansons Institute of Technology, Coimbatore
46	22-07-2020	5d Building Information Modelling	Kpr Institute Of Engineering And Technology, Coimbatore
47	23-07-2020	Effective Communication Techniques	Kpr Institute Of Engineering And Technology, Coimbatore
48	24-07-2020	The Space Scientists - Big Question About The Cosmos	Jansons Institute Of Technology, Coimbatore

49	24-07-2020	Introduction To Ground	Fx Engineering College, Vannerpettai
50	24-07-2020	Introduction To Green Homes	Sri Venkateswara College Of Engineering, Sriperumbudur
51	24-07-2020	Application For Civil Engineers In Ar & Vr	Kpr Institute Of Engineering And Technology, Coimbatore
52	24-07-2020	Water For Future Generation	Scad Engineering College, Vannerpettai
53	25-07-2020	The Space Scientists - Astronomical Timekeeping: A Primer	Jansons Institute Of Technology, Coimbatore
54	25-07-2020	Design For Lateral Forces - Wind	Kpr Institute Of Engineering And Technology, Coimbatore
55	13-07-2020 To 18-07-2020	One Week Fdp On "challenges In Civil Engineering"	East West Institute Of Technology, Bengaluru
56	6-7-2020 To 10-7-2020	One Week Workshop On "3d Modelling Using Google Sketchup"	St.mother Thersa Engineering College, Vaigaikulam
57	31/7/2020	Approval Drawing	Kpr Institute Of Technology
58	01-08-2020	Techno Connect	Kpr Institute Of Technology
59	03-08-2020	Sustainable Green City Using Geoinformatics	Vidyavardhaka College Of Engineering
60	04-08-2020	Opportunities In Architecture & Interior Designer	Kpr Institute Of Technology
61	04-08-2020	Entrepreneurship For Civil Engineering	Scad Engg College
62	05-08-2020	Energy Geostructure & Sustainable Geotechnical Engg	Vidyavardhaka College Of Engineering
63	05-08-2020	Sustainable Construction	Kpr Institute Of Technology
64	06-08-2020	Case Studies On Geotechnical Investigations	Vidyavardhaka College Of Engineering
65	06-08-2020	Understanding Sustainable - Adopt & Assess	Vidyavardhaka College Of Engineering
66	07-08-2020	Role Of Civil Engg	Sri Rama Krishna Polytechnic College
67	07-08-2020	Excelsheet For Foundation Design	Kpr Institute Of Technology
68	10-08-2020	Essence Of Mathematics In Civil Engineering	Vidyavardhaka College Of Engineering
69	12-08-2020	Case Studies On Geotechnical Investigations	Vidyavardhaka College Of Engineering
70	13-08-2020	Enhancement Of Road Safety In India	Vidyavardhaka College Of Engineering
71	14-08-2020	Non Destructive Testing Of Concrete Structures	Vidyavardhaka College Of Engineering
72	18-08-2020	Structural & Architectural Potential Of Masonry	

Mrs.K. Raja Monisha

1	17-06-2020	Yoga for Wellness	SCAD Polytechnic College
2	13-06-2020	BIM for digital construction	SCAD Polytechnic College
3	18-06-2020	Students Self reflection	SCAD Polytechnic College
4	18-06-2020	Machine learning for Engg education	SCAD Polytechnic College
5	15-6-2020 to 17-6-2020	Bictorial E Quiz to create awarness on world day to compat Deserdification and Drought	MV muthaiah government arts College of women
6	19-06-2020	Advances in nano science & nano technology	SCAD Polytechnic College
7	20-06-2020	LEARNING TO LEARN ENGLISH -THE EASY WAY	SCAD Polytechnic College
8	21-06-2020	EFFECTIVE COMMUNICATION FOR ENHANCING TEACHING LEARNING PROCESS	NARASUS SARATHY INSTITUTE OF TECHNOLOGY
9	23-06-2020	Beauty OF PHYSICS IN THE FIELD OF ENGINEERING AND TECHNOLOGY- A GLIMPSE	SCAD Polytechnic College
10	24-06-2020	3D modelling using google sketchup	FX polytechnic college
11	25-06-2020	How to prepare for TNPSC exam	FX polytechnic college
12	25-06-2020	Success secrets`	
13	26-06-2020	carbon footprint	Kalasalingam institute of Tehnology
14	26-06-2020	NEED FOR POLLUTANT TREATMENT TECHNIQUES FOR FUTURE WORLD	SCAD POLYTECHNIC COLLEGE
15	26-06-2020	Order fuzzy numbers &its application	NARASUS SARATHY INSTITUTE OF TECHNOLOGY
16	27-06-2020	Opportunities for civil engineers	SCAD ENGG college
17	01.07.2020	EVERYONE CAN BECOME AN INSPIRING TEACHER	KNOWLEDGE INSTITUTE OF TECHNOLOGY
18	03-07-2020	Energy from Dairy waste	FX Polytechnic College, Tharuvai
19	03-07-2020	Communication Skills for Career Oppurtunities	Scad Polytechnic College, Cheranmahadevi
20	08-07-2020	Sustainable Building and Rating	Scad Polytechnic College, Cheranmahadevi
21	08-07-2020	Wind Energy	Sankar Polytechnic College
22	08-07-2020	After lockdown, The Future in Building Information Modeling (BIM)	FX Engineering College, Vannerpettai
23	09-07-2020	Tekla Structure	FX Engineering College, Vannerpettai

24	10-07-2020	New Approaches in Composite Deposition	SCAD Engineering College, Cheranmahadevi
25	11-07-2020	Celebrating Concrete Structures: Possibilities and Challenges	Jansons Institute of Technology, Coimbatore
26	11-07-2020	Matrix Displacement method of Analysis	FX Engineering College, Vannerpettai
27	14-07-2020	Crisis in Environment Strategies and Remedies	Sri Ramakrishna Polytechnic College, Coimbatore
28	14-07-2020	Essentials of renewable energy	SCAD Polytechnic College, Cheranmahadevi
29	14-07-2020	Challenges and Oppurtunities in Durability: Design of RCC Structure	FX Polytechnic College, Tharuvai
30	14-07-2020	Civil and Architectural Designs in Virtual Reality	KPR Institute of Engineering and Technology, Coimbatore
31	15-07-2020	Applications of Geosynthesis in Modern Civil Engineering	FX Engineering College, Vannerpettai
32	16-07-2020	Building Cracks and Causes	KPR Institute of Engineering and Technology, Coimbatore
33	17-07-2020	The Impact of Drones in Construction Industry	PET Engineering College, Vallior
34	17-07-2020	Artificial Intelligence Applications	FX Polytechnic College, Tharuvai
35	17-07-2020	Dating Geo-Archacological Material using luminescence	APC Mahalaxmi College for Women, Thoothukudi
36	17-07-2020	3D Modelling using Revit Structure	KPR Institute of Engineering and Technology, Coimbatore
37	18-07-2020	Energy Conversation and Management	FX Engineering College, Vannerpettai
38	18-07-2020	Design Concept in Raft Foundation for high Rise Building	kuppam Engineering College, Chennai
39	18-07-2020	Biomolecules as water quality concern	KPR Institute of Engineering and Technology, Coimbatore
40	18-07-2020	Character Building	SCAD Polytechnic College, Cheranmahadevi
41	19-07-2020	Competitive Examination Preparation Techniques	KPR Institute of Engineering and Technology, Coimbatore
42	20-07-2020	Financial Wellness	KPR Institute of Engineering and Technology, Coimbatore
43	21-07-2020	Hydro Power Structure	Sakthi Polytechnic College, Coimbatore
44	22-07-2020	The Space Scientists - Mission Adithya	Jansons Institute of Technology, Coimbatore
45	22-07-2020	5D Building Information Modelling	KPR Institute of Engineering and Technology, Coimbatore

46	23-07-2020	Effective communication Techniques	KPR Institute of Engineering and Technology, Coimbatore
47	24-07-2020	The Space Scientists - Big question about the Cosmos	Jansons Institute of Technology, Coimbatore
48	24-07-2020	Introduction to Ground Improvement Techniques	FX Engineering College, Vannerpettai
49	24-07-2020	Introduction to Green Homes	Sri Venkateswara College of Engineering, Sriperumbudur
50	24-07-2020	Application for Civil Engineers in AR & VR	KPR Institute of Engineering and Technology, Coimbatore
51	24-07-2020	Water for Future Generation	Scad Engineering College, Vannerpettai
52	25-07-2020	The Space Scientists - Astronomical Timekeeping: A Primer	Jansons Institute of Technology, Coimbatore
53	25-07-2020	Design for Lateral Forces - Wind	KPR Institute of Engineering and Technology, Coimbatore
54	13-07-2020 - 18-07-2020	One week FDP on "Challenges in Civil Engineering"	East West Institute of Technology, Bengaluru
55	6-7-2020 to 10-7-2020	One week Workshop on "3D Modelling using Google Sketchup"	St.Mother Thersa Engineering College, Vaigaikulam
56	31-7-2020	Approval drawing	KPR Institute of Technology
57	15-7-2020	Sustainable construction material	CMR college of engg and technology
58	15-07-2020	Biomolecules as water quality concern	KPR Institute of Engineering and Technology, Coimbatore
59	18-07-2020	Impact of special concrete in modern scenario	FX Engg Collge
60	19-07-2020	holistic overview of sustainable construction	Construction management training institute
61	16-07-2020	Field testing of building material	FX Engg College
62	26-07-2020	Effective communication Techniques	KPR Institute of Engineering and Technology, Coimbatore
63	23-07-2020	Grabbing government job opportunities	Sankar Polytechnic College
64	30-07-2020	Mind part II	FX polytechnic college
65	01-08-2020	Skill is your VISA for career	KPR Institute of Technology
66	01-08-2020	Techno Connect	KPR Institute of Technology
67	01-08-2020	An induction meet on human values in modern ERA	RECT Polytechnic College
68	03-08-2020	Sustainable green city using geoinformatics	VIDYAVARDHAKA COLLEGE OF ENGINEERING

69	03-08-2020	Opportunities in architecture & interior designer	KPR Institute of Technology
70	04-08-2020	Recycling technics for sustainable pavements	VIDYAVARDHAKA COLLEGE OF ENGINEERING
71	04-08-2020	Feedback on energy geo structures and sustainable geotechnical Engg practice	VIDYAVARDHAKA COLLEGE OF ENGINEERING
72	05-08-2020	Unstanding- sustainability: adopt-assess- mitigate	VIDYAVARDHAKA COLLEGE OF ENGINEERING
73	06-08-2020	Urban noise pollution: sources Impact measurements and controls	VIDYAVARDHAKA COLLEGE OF ENGINEERING
74	08-08-2020	idea to commercialization: challenges and opportunites	SCAD Engg College
75	14-08-2020	Entreprenurship for Civil Engineering	SCAD Engg College
76	04-08-2020	Remote sensing and GIS application in sustainable environmental management	Anna univercity chennai
77	10-8-2020- 14-08-2020	One week FDP on "Challenges in Civil Engineering"	East West Institute of Technology, Bengaluru
78	13-07-2020 - 18-07-2020	One week Workshop on "3D Modelling using Google Sketchup"	St.Mother Thersa Engineering College, Vaigaikulam
79	6-7-2020 to 10-7-2020	Introduction to social media graphics for future prospects	St. john College, agra
80	16-08-2020	Micro magnetics of ferro magnetic nano structures	Seshasayee institute of technology
81	18-08-2020	General science	Sankar Polytechnic College
82	AUGUST.2020	Alternative medicine for the prevention of treatment of COVID 19	DR.SNS rajalakshmi College of arts and science
83	19-08-2020	MOSQUITOES - THE WEAPONS	Sankar Polytechnic College
84	AUGUST.2020	Impact of changing environment on human life	B.K.S.N government College

Mrs. S. Mariammal

1	09.06.2020	Environmental & Disaster Management Quiz	Rajagopal Polytechnic College
2	22.06.2020	Future India For Technocrats	Scad Polytechnic College
3	22.08.2020	Books And Authors	Sankar Polytechnic College
4	13.07.2020	A National Level E-quiz On Control Systems	Rise Krishna Sai Prakasam Group Of Institution
5	22.08.2020	Art And Culture	Sankar Polytechnic College
6	June 2020	Construction Material And Construction Practice	Sankar Polytechnic College
7	14.07.2020	Essentials Of Renewable Energy	Scad Polytechnic College
8	25.06.2020	Success Secrets	Scad Polytechnic College
9	20.06.2020	Learning To Learn English -the Easy Way	Scad Polytechnic College
10	23.06.2020	Beauty Of Physics In The Field Of Engineering And Technology- A Glimpse	Scad Polytechnic College
11	03.07.2020	Communication Skills For Career Opportunities	Scad Polytechnic College
12	10.08.2020	Essence Of Mathematics In Civil Engineering	Vidyavardhaka College Of Engineering
13	26.06.2020	Need For Pollutant treatment Techniques For Future World	Scad Polytechnic College
14	18.06.2020	Students Self Reflection	Scad Polytechnic College
15	29.06.2020	Deep Learning & Its Application	Scad Polytechnic College
16	12.08.2020	Case Studies On Geotechnical Investigations	Vidyavardhaka College Of Engineering
17	27.06.2020	Emerging Green Technology On Waste Water Treatment	Scad Polytechnic College
18	03.07.2020	Energy From Dairy Waste	Fx Polytechnic College
19	27.06.2020	Greendriod: Instant Development Of compact Maps Application Using Andriod Studio	Fx Polytechnic College
20	26.06.2020	Agribusiness Supply Chain Management: Best Practice Of Enhance India Gdp - An Overview Concrete Structures	Vidyavardhaka College Of Engineering Fx Polytechnic College
21	25.06.2020	How To Prepare Yourself For Tnpsc Examinations	Fx Polytechnic College
22	14.08.2020	Non Destructive Testing Of	
23	August.2020	Fun Physics	Sankar Polytechnic College
24	August.2020	Great Mathematics Quiz	Sankar Polytechnic College
25	15.08.2020	Fluid Mechanics	Vishnu Institute Of Tecnology
26	08.08.2020	Building Materials And Construction	Rise Krishna Sai Gandhi Group Of Institution

26	08.08.2020	Building Materials And Construction	Rise Krishna Sai Gandhi Group Of Institution
27	22.08.2020	Company Logos	Sankar Polytechnic College
28	August.2020	Basic Electricals	Sankar Polytechnic College
29	August.2020	Basics Of Computers	Sankar Polytechnic College
30	09.06.2020	Covid 19 Awareness	Rajagopal Polytechnic College
31	August.2020	Research Aptitude	Sankar Polytechnic College
32	August.2020	Compressors Quiz	Sankar Polytechnic College
33	August.2020	General Science	Sankar Polytechnic College
34	August.2020	Fire And Safety Quiz	Sankar Polytechnic College
35	August.2020	Simple Aptitude	Sankar Polytechnic College
36	August.2020	Generation Of Wind Energy & Wind Turbine Operations	Sankar Polytechnic College
37	August.2020	Reciprocating Pumps	Sankar Polytechnic College
38	August.2020	Simple Stress And Strains	Sankar Polytechnic College
39	August.2020	Overview Of Covid 19	Sankar Polytechnic College
40	August.2020	Structural Engineering	Sankar Polytechnic College
41	July.2020	Hydrology	Sankar Polytechnic College
42	August.2020	Mosquitoes - The Weapons	Sankar Polytechnic College
43	25.06.2020	Cloud Insights	Scad Polytechnic College
44	06.07.2020 To 10.07.2020 3d	Modelling Using Google Sketchup	St.motehr Theresa Engineering College
45	August.2020	Hydraulic System	Sankar Polytechnic College
46	20.06.2020 To 21.06.2020	Effective Communication For Enhancing Teaching Learning Process	Narasus Sarathy Institute Of Technology
47	13.08.2020	Indian Economy During And After Covid 19 Pandemic	Rayat Shikshan Sansthas Sadguru Gadage Maharaj College
48	09.07.2020	Tekla Structures	Francis Xavier Engineering College
49	08.07.2020	After Lockdown The Future In Building Information Building (bim)	Francis Xavier Engineering College
50	14.07.2020	Crisis In Environment Strategies And Remedies	Sri Rama Krishna Polytechnic College
51	24.07.2020	Water For Future Generations	Scad Polytechnic College
52	01.07.2020	Everyone Can Become An Inspiring Teacher	Knowledge Institute Of Technology

Mr.K. Manikandan

1	06-09-2020	Importance of building materials - Webinar	R.V.S Engg
2	06-10-2020	Participate online Quiz for Fluid mechanics	SCAD Poly
3	06-12-2020	Global Warming - Webinar	Fx Engg
4	18-06-2020	Participate online Quiz for Construction materials	St.Xavier Poly
5	22-06-2020	Participate online Quiz for English Grammar	SPC
6	23-06-2020	Research areas and opportunities in environmental science and Engg-webinar	Kumara Guru Engg
7	25-06-2020	Participate online Quiz for Geo -Tech Engg	GCET ,CBE
8	26-06-2020	Participate online Quiz for Irrigation Engg	GCET,CBE
9	29-06-2020	Participate online Quiz for Strength of Materials	NEC

Ms. S. Divyabharathi

1	17-6-2020	Yoga for Wellness	SCAD Polytechnic College
2	18-6-2020	Students Self reflecion	SCAD Polytechnic College
3	19-6-2020	Advances in nano science & nano technology	SCAD Polytechnic College
4	24-6-2020	3D modelling using Google Sketchup	FX Polytechnic College
5	25-6-2020	How to prepare yourself for TNPSC	FX Polytechnic College
6	25-6-2020	Success Secrets	SCAD Polytechnic College
7	26-6-2020	Agribusiness supply chain management	FX Polytechnic College
8	27-6-2020	Tune yourself	FX Polytechnic College
9	27-6-2020	Opportunities for civil engineers	SCAD Polytechnic College
10	27-6-2020	Emerging green technology on waste water treatment	SCAD Polytechnic College
11	29-6-2020	Deep learning & its applicaion	SCAD Polytechnic College
12	07-03-2020	Communication skills for career opportunities	SCAD Polytechnic College
13	07-03-2020	Mechanisation in construction industry & cost effectives	Lakshmi Ammal PolytechnicCollege
14	07-06-2020	Time to protect ourselves from COVID -19	Knowledge Institute of Technology
15	07-07-2020	Structural health monitoring	Dr.G.U.Pope College of Engineering
16	07-10-2020	New approaches in composite deposition	SCAD Polytechnic College
17	07-10-2020	After lockdown, the future in BIM	FX Engineering College
18	07-11-2020	Challenges in implemening coastal management	St.Joseph's College of Engineering
19	07-11-2020	Tekla structures	FX Engineering College
20	13-7-2020	Industry 4.0 & Robot applications	FX Engineering College

21	14-7-2020	Matrix displacement method of analysis	FX Engineering College
22	14-7-2020	Crisis in environment strategies & remedies	Sri Ramakrishna Polytechnic College
23	14-7-2020	Essentials of renewable energy	SCAD Polytechnic College
24	14-7-2020	Who do you want to be	SKP Engineering College
25	14-7-2020	Vasthu Sashtra	KPR Institute of Technology
26	14-7-2020	Design of RC structure	FX Polytechnic College
27	16-7-2020	Civil & Architectural designs in virtual reality	KPR Institute of Technology
28	17-7-2020	Buildings cracks & causes	KPR Institute of Technology
29	18-7-2020	Energy conservation & management	FX Engineering College
30	18-7-2020	3D modelling using Revit	KPR Institute of Technology
31	18-7-2020	Design concept in Raft foundation	Kuppam Engineering College
32	18-7-2020	Character building	SCAD Polytechnic College
33	18-7-2020	Applications of geosynthesis	FX Engineering College
34	19-7-2020	Competitive examination preparation techniques	KPR Institute of Technology
35	20-7-2020	Challenges in Civil Engineering	East West Institute of Technology
36	20-7-2020	Vaasipum vaazhkail vetrium	KPR Institute of Technology
37	21-7-2020	Hydro power structures	Sakthi Polytechnic College
38	23-7-2020	Effective communication techniques	KPR Institute of Technology
39	24-7-2020	Water for future generations	SCAD College of Engineering & Technology
40	24-7-2020	Financial wellness	KPR Institute of Technology
41	24-7-2020	5D building information	KPR Institute of Technology
42	24-7-2020	Entrepreneurship for Civil Engineering	KPR Institute of Technology
43	25-7-2020	Design of lateral forces - wind	KPR Institute of Technology
44	25-7-2020	Introduction to GIT	FX Engineering College
45	25-7-2020	Applications of Civil Engineer in AR & VR	KPR Institute of Technology
46	26-7-2020	Awareness of Central government jobs	KPR Institute of Technology
47	26-7-2020	Contract management	SCAD College of Engineering & Technology
48	28-7-2020	High performance concrete properties under shock wave compaction	FX Engineering College
49	30-7-2020	Modern construction	KPR Institute of Technology
50	31-7-2020	Scaffolding in construction industry	KPR Institute of Technology
51	31-7-2020	Approval drawing	KPR Institute of Technology
52	08-01-2020	Artificial intelligence	KPR Institute of Technology
53	08-04-2020	Opportunities in architecture & interior designer	KPR Institute of Technology
54	08-05-2020	Sustainable construction	KPR Institute of Technology
55	15-8-2020	Water importance & our responsibilities	KPR Institute of Technology
56	16-8-2020	Techniques to crack competitive examination	KPR Institute of Technology
57	20-8-2020	Being a misfit	KPR Institute of Technology
58	21-07-2020	Conducted quiz - Highway Engineering	Sankar Polytechnic College

DEPARTMENT OF COMPUTER ENGINEERING

1. Mr.C Balamurugan, Lecturer has participated in the One Week Faculty Development Programme on ICT TOOLS FOR EFFECTIVE TEACHING AND LEARNING organized by MURUGAPPA POLYTECHNIC COLLEGE on 08.06.2020 to 14.06.2020.
2. He has participated in the Two Week Faculty Development Programme on "R" LANGUAGE AND "R" STUDIO" organized by IIT, BOMBAY & CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU on 22.06.2020 TO 05.07.2020
3. He has participated in the Faculty Development Programme on SKILL DEVELOPMENT PROGRAM ON PERFORMANCE ENGG. organized by JAIN - DEEMED UNIVERSITY on 29.06.2020
4. He has participated in the One Week Faculty Development Programme on DATA VIRTUALIZATION AND CYBER SECURITY organized by ST.JOSEPH COLLEGE OF ENGG, CHENNAI on 07.07.2020 TO 12.07.2020
5. He has participated in the Faculty Development Programme on CLOUD COMPUTING AND MIGRATION organized by LORDS INSTITUTE OF ENGG & TECH, HYDRABAD on 26.07.2020
6. He has participated in the One Week Faculty Development Programme on ONLINE TRAINING ON BASICS OF PYTHON PROGRAMMING organized by SA TECHNO SOLUTION, CHENNAI on 03.08.2020 TO 08.08.2020
7. He has participated in the Webinar on AWS CLOUD STORAGE organized by SRI RAMAKRISHNA INSTITUTE OF TECH., COIMBATORE on 22.06.2020.
8. He has participated in the Webinar on STRATEGIES TO BOOST TEACHING AND LEARNING organized BLESS O BLESSI - YOU TUBE CHANNEL on 22.06.2020.
9. He has participated in the Webinar on SCOPE OF MACHINE LEARNING AND AUTOMOTIVE INDUSTRY organized by FX COLLEGE OF ENGG. & TECH on 25.06.2020.
10. He has participated in the Webinar on ELECTRONICS IN HEALTH CARE INDUSTRIES organized by LAKSHMIAMMAL POLYTECHNIC COLLEGE on 26.06.2020.
11. He has participated in the Webinar on INTERNET OF THINGS organized by SCAD COLLEGE OF ENGG. on 27.06.2020.
12. He has participated in the Webinar on LEADERSHIP AND POSITIVE ATTITUDES organized by SRI KANYAKA PARAMESHEARI ARTS COLLEGE, CHENNAI on 26.06.2020.
13. He has participated in the Webinar on BLACKCHAIN TECHNOLOGY organized by MELLA REDDY INSTITUTE OF TECH., SECUNDRABAD on 02.07.2020.
14. He has participated in the Webinar on SECURITY OF INTELLIGENCE THINGS AND AI 2.0 organized by SIVAJIRAO KADAM INSTITUTE OF TECH, INDORE on 27.06.2020
15. He has participated in the Webinar on ENGINEERING OPTIMIZATION organized by SRI ESHWAR COLLEGE OF ENGG., CHENNAI on 27.06.2020.

Mrs. P.Raja Sulosana

S.No	Date	Topic	College and Place
1	24.07.2020	Trends of IoT	Sri Eshwar College of Engg, Chennai
2	25.07.2020	Brief introduction on solar photovoltaic system	Sankar poly College,Sankar nagar
3	25.07.2020	Future of Data Transmission-LiFi	Sri Eshwar College of Engg, Chennai
4	26.07.2020	Cloud Computing and Migration	Lords College of Engg & Tech, Telangana
5	27.07.2020	Engg Optimization Methods and Applications	Sri Eshwar College of Engg, Chennai
6	29.07.2020	Internet of Things- Smart Workforce Management	The New College, chennai
7	29.07.2020	Redis-Remote Dictionary Server	FX Engg College, Vannar Pettai
8	29.07.2020	Digital Tranfermation	Sri Eshwar College of Engg, Chennai
9	30.07.2020	Outcome Based Education	Sri Eshwar College of Engg, Chennai
10	31.07.2020	Digital Business Leadership	Sri Eshwar College of Engg, Chennai
11	31.07.2020	AI Thinking Applications in industrial perspectives	Manakula vinayagar Institute of technology, Puducherry
12	01.08.2020	Industrial Expectations from budding Engineers	Lakshmi Ammal Poly College,Kovil patti
13	05.08.2020	Quantum mechanics and Happiness	Sri Malolan College of Arts and Science, Chengalpet
14	05.08.2020	IT Network Infrastructure	Sri Eshwar College of Engg, Chennai
15	06.08.2020	An Insight into LEAN Methodology	Sri Eshwar College of Engg, Chennai
16	06.08.2020	Artificial Intelligence in healthcare	Bhoj Reddy Engg College for Women, Telangana
17	08.08.2020	Thinking smarter-critical & creative smarter	Sri Eshwar College of Engg, Chennai
18	10.08.2020	Changing the ME,Residing in ME,Live SAFE,managing	Sri Eshwar College of Engg, Chennai
19	13.08.2020	Enhancing customer	Sri Eshwar College of Engg, Chennai
20	14.08.2020	Business Intelligence Strategies overview	Govt Arts College, Chidambaram
21	18.08.2020	Introduction to polymers	Sri Eshwar College of Engg, Chennai
22	19.08.2020	Essentials of Electric Vehicles	Sri Eshwar College of Engg, Chennai
1	25.06.2020	Basics of Electrical and Electronics Engg	Sankar Poly college,Sankar nagar
2	26.06.2020	Electronics in Healthcare Industry	Lakshmi Ammal Poly College,Kovil patti
3	23.07.2020	Mobile Computing	Srinivasa Subbaraya Govt Poly College, Puttur
4	30.07.2020	National Level Quiz contest	Abdul Hakkem College of Engg & Tech, Melvishram
5	31.07.2020	Basics of Computer Hardware	Govt Poly College, Ariyalur
6	04.08.2020	Fundamentals of Computer	Govt Poly College, Konam
1	10.08.2020 to 14.08.2020	Azure Serverless Computing	MAHATHMA Gandhi Institute of Technology, Telangana
1	16.06.2020 to 20.06.2020	Web Designing using PHP and MySQL	Sri Eshwar college of Engg, Chennai
2	05.05.2021 to 06.05.2021	Foundational Programming in PYTHON	Sri Ramakrishna Poly College, Coimbatore

Mrs. P. Mariya Deeba

DATE	TITTLE	COLLEGE NAME
06.06.2020	QUIZ ON JAVA (E QUIZ COMPETITION)	P.T LEE CHENGALVARAYNAICKER POLYTECHNIC COLLEGE
10.07.2020	E QUIZ ON ENVIRONMENTAL SCIENCE	SANKAR POLYTECHNIC COLLEGE
11.07.2020	E QUIZ ON ELECTRONIC DEVICES AND CIRCUITS	SANKAR POLYTECHNIC COLLEGE
12.07.2020	E QUIZ ON BASICS OF COMPUTER SCIENCE AND ENGINEERING	GOVT POLYTECHNIC COLLEGE, PUTHUPATTI
13.07.2020	E QUIZ ON COVID 19 AWARENESS	SANKAR POLYTECHNIC COLLEGE
09.07.2020	E QUIZ ON DIGITAL DEVICES	BCMW, ETTAYAPURAM
13.07.2020	E QUIZ ON MOBILE COMPUTING	GOVT POLYTECHNIC COLLEGE, KONAM
14.07.2020	E QUIZ ON ONE WORD SUBSTITUTE	SANKAR POLYTECHNIC COLLEGE
24.07.2020	E QUIZ ON ANDROID	SANKAR POLYTECHNIC COLLEGE
25.07.2020	E WEBINAR ON BRIEF INTRODUCTION ON SOLAR PHOTOVOLATIC SYSTEM	SANKAR POLYTECHNIC COLLEGE
31.07.2020	E WEBINAR ON ANDROID APPLICATION DEVELOPMENT	SRI PARASAKTHI COLLEGE, OURTALLAM
31.07.2020	E QUIZ ON ANDROID	SANKAR POLYTECHNIC COLLEGE
01.08.2020	E WEBINAR ON DEVSECOPS	FX ENGINEERING COLLEGE
06.08.2020	E QUIZ ON DIGITAL ELECTRONICS	SANKAR POLYTECHNIC COLLEGE
08.08.2020	E QUIZ ON CODEQUEST	SRI ESHWAR COLLEGE OF ENGINEERING
09.08.2020	E QUIZ ON COMPUTER FUNDAMENTALS	SANKAR POLYTECHNIC COLLEGE
12.08.2020	E WEBINAR ON HOW TO GET YOUR DREAMS COME TRUE IN IT INDUSTRY	FX ENGINEERING COLLEGE

Ms.K. Sindhuja

S.No	Date	Event Name	Title	Organized by
1	27.06.2020	Webinar	Internet of Things:A practical approach	DCSE,SCAD Engg
2	10.07.2020	Webinar	website development using Spring Boot	DCSE,FX Engg
3	18.07.2020	Webinar	Big data Analytics	DCSE,FX Engg
4	20.07.2020	Webinar	Real time applications in cloud computing	DCSE,FX Engg
5	25.07.2020	Webinar	Brief introduction on solar photovoltaic systems	DME,SPC
6	27.07.2020	Webinar	Robotic process automation	DCSE,FX Engg
7	27.07.2020	Webinar	open education resources & Google site creation	DMI-St John the Baptist University
8	27.07.2020	Webinar	Future trends & career opportunities in remote sensing & GIS	DCSE,FX engg
9	29.07.2020	Webinar	Redis-Remote Dictionary server	DCSE,FX Engg
10	29.07.2020	Webinar	Internet of things: Smart workforce management	IQAC(Internal QualityAssurance Cell)
11	12.08.2020	FDP	Develops Engineering practices	DCSE,FX Engg
12	29.06.2020	E-Quiz	verbal ability	Sri Krishna arts and science College
13	29.06.2020	E-Quiz	General aptitude	Annais women's college
14	30.06.2020	E-Quiz	Digital Electronics	chengalvaraya naicker poly
15	07.07.2020	E-Quiz	Digital Electronics	GPT,sankarapuram
16	10.07.2020	E-Quiz	Digital Devices	BCMWPC
17	10.07.2020	E-Quiz	computer hardware and networks	Dr.Dharmambal GPT,chennai
18	12.07.2020	E-Quiz	Basics of computer science and engineering	DCSE,GPT,Gandharva kottai.
19	17.07.2020	E-Quiz	computer hardware and networking	GPT,Konam
20	20.07.2020	E-Quiz	Financial management	DMBA,Narayana Engg College
21	23.07.2020	E-Quiz	Multimedia systems	DCSE,GPT,Nagercoil
22	25.07.2020	E-Quiz	Data structures using C	DCSE,GPT,Salem
23	01.08.2020	E-Quiz	Microprocessor	DEEE,SPC
24	01.08.2020	E-Quiz	Basics of computer hardware	DCE,GPT
25	03.08.2020	E-Quiz	Digital Electronics	DEEE,SPC

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. Dr. Sudha Ponnarasi S. Lecturer/ EEE, has participated in the ISTE sponsored one week online FDP on ICT Tools for Effective Teaching and Learning organized by Murugappa Polytechnic College, Chennai from 08.06.2020 to 16.06.2020
2. She has participated in the AICTE sponsored one week online STTP on Application of soft computing techniques to Renewable Energy System organized by Government College of Technology, Coimbatore, from 06.08.2020 to 12.08.2020
3. She has participated in the Three Week Industrial Training on Communication and Networking Technologies organized by RGM TTC, Chennai, from 01.06.20 to 19.06.20
4. She has participated in the AICTE sponsored Two weeks FDP on Imparting Outcome Based Education in Technical Institutions and NBA Accrediation Process organized by Rajagopal Polytechnic College, Gudiyattam, from 12.10.2020 to 24.10.2020
5. She has participated in the AICTE sponsored one week STTP on PLC Programming and Industrial Automation organized by Rajagopal Polytechnic College, Gudiyattam, from 02.11.20 to 07.11.20
6. She has participated in Many Online Webinars.
1. Mrs.V. VIMALA, Lecturer/EEE has participated in the Faculty Development Program on Enhancing Personal Effectiveness in the Work place organized by AICTE Training and Learning Academy at P.A.C Ramasamy Raja Polytechnic College, Rajapalayam from 26-07-2021 to 30-07-2021.
2. She has participated in the Faculty Development Program on Electric Vehicles Research Issues and Challenges by AICTE Training and Learning Academy at AICTE Training and Learning Academy at GRC Polytechnic College, from 23-08-2021 to 27-08-2021.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

1. Mrs.S.Nedunchezian, S.L/ECE Dept. actively participated and successfully completed the online Quiz program in the topic "Transducers and Signal Conditioners" organized by the EEE Dept., A.M.K Technological Polytechnic College, Chennai-600 123 in the month of June 2020.
2. He actively participated and successfully completed the online Quiz program in the topic "Measurements and Instruments" organized by the EEE Dept., A.M.K Technological Polytechnic College, Chennai-600 123 in the month of June 2020.
3. He actively participated and successfully completed the online Quiz program in the topic "Electrical Circuit Theory" organized by the EEE Dept., A.M.K Technological Polytechnic College, Chennai-600 123 in the month of June 2020.
4. He actively participated and successfully completed the online Quiz program in the topic "BASICS OF EEE" organized by the EEE Dept., Murugappa Polytechnic College,

Chennai-600 062 on 7/6/2020.

5. He actively participated and successfully completed the online Quiz program in the topic "COVID-19 AWARENESS" organized by ISTE, Rajagopal Polytechnic College, Gudiyattam-632 602 on 7/6/2020.
 6. He actively participated and successfully completed the online Quiz program in the topic "Environmental and Disaster Management" organized by the Mechanical Engineering Dept., Rajagopal Polytechnic College, Gudiyattam-632 602 on 7/6/2020.
 7. He has attended online webinar on "Course Projects: Industrial Collaboration and Commercialization" organized by ECE Dept., Kamaraj College of Engineering and Technology, K.Vellakulam - 625 701 on 12-06-2020.
 8. He has attended online webinar on "Insight's into IIOT" organized by EEE Dept., Hindustan College of Engineering and Technology, Coimbatore - 641 032 on 13/06/2020.
 9. He has attended online webinar on "ELRCTROMAGNETICS: AN ENGINEERING APPROACHES" organized by ECE Dept., FX. Polytechnic College, Tharuvai, Tirunelveli on 13/06/2020.
 10. He actively participated and successfully completed the online Quiz program in the topic "POWER ELECTRONICS" organized by the EEE Dept., Murugappa Polytechnic College, Chennai-600 062 on 18/6/2020.
 11. He actively participated and successfully completed the online Quiz program in the topic "BASIC ELECTRONICS" organized by the Dept. of Electronics (Robotics), Murugappa Polytechnic College, Chennai-600 062 on 25/6/2020.
 12. He has attended online webinar on "Electronics in Health Care Industry" organized by ECE Dept., Lakshmi Ammal Polytechnic College, Kovilpatti - 628 503 on 26/6/2020.
 13. He has attended one week FDP on "Machine Learning and Deep Learning Techniques with its Applications" organized by Poornima College of Engineering, Jaipur held from 18/08/2020 to 22/08/2020.
 14. You Tube Channel : He has started the YouTube Channel during the month of August 2020 for the Technical Education. The channel name is: P.S.NEDUNCHELIAN Open the You Tube in the computer or in the mobile and type the above Channel name and you can watch the videos. A number of Theoretical classes and practical classes and Lectures have been uploaded in his You Tube Channel. The ECE branch students can get benefited from these videos.
1. Mrs. D. Muthu Lakshmi, Lect/ECE has participated in International Webinar on "Microsoft Azure Essentials" organized by Department of Computer Science Engineering, FX Polytechnic College, Tharuvai on 7th July 2020.
 2. She has actively participated in the State Level Webinar on "Wind Energy" organized by

- Department of Mechanical Engineering, Sankar Polytechnic College, Sankar Nagar on 8th JULY 2020.
3. She has attended Webinar on "Design Thinking - An Entrepreneurial Skill" on 8th July 2020 organized by Department of Electronics and Communication Engineering, FX Polytechnic College, Tharuvai
 4. She has participated in International FACULTY DEVELOPMENT PROGRAM on "Recent trends in Communication Technologies" organized by Department of Electronics and Communication Engineering, Bannari Amman Institute of Technology, Sathyamangalam from 10th to 14th August 2020
 5. She has attended Webinar on "Artificial Intelligence Applications" organized by Department of Computer Engineering, FX Polytechnic College, Tharuvai on 17th July 2020
 6. She has attended Webinar on "Raspberry Pi A Friendly Approach" organized by Department of Electronics and Communication Engineering, FX Polytechnic College, Tharuvai on 17th July 2020
 7. She has actively participated in Webinar on "A Introduction to Machine Learning" organized by Department of Mechanical & Automobile Engineering, SCAD Polytechnic College, Cheranmahadevi on 27th JULY 2020.
 8. She has actively participated in the National Level Webinar on "Turbo Machines" organized by Department of Mechanical Engineering, Sankar Polytechnic College, Sankar Nagar on 3rd AUGUST 2020.
 9. She has participated in National Level Webinar on "Wireless Communication using Arduino" organized by Department of Electrical and Electronics Engineering, Nandha Engineering College, Erode on 8th August 2020
 10. She has actively participated in online Workshop on "Hyperlocal - Vocal for Local" organized by EIT Polytechnic College, Erode on 16th August 2020.
 11. She has participated in has participated in the 5 day Webinar series on "Research & Innovation" organized by Department of Information Science and Engineering, Vidyavardhaka College of Engineering, Mysuru from 17th to 21st August 2020
 12. She has participated in One Week Faculty Development Program on "Emerging Trends & Technologies in Data Science" organized by Department of Computer Science Engineering, GMR Institute of Technology, Rajam on 24.08.2020 to 29.08.2020
 13. She has participated in Webinar on "Power of Artificial Intelligence in an IoT" organized by Department of Electronics and Communication Engineering, Bannari Amman Institute of Technology (Novi Tech), Ernakulam on 28th August 2020
 14. She has participated in One day National Workshop on "National Education Policy 2020 -

Implementation Plan" organized by Swami Ramanand Teerth Marathwada University, Maharashtra on 1st OCT 2020.

15. She has participated in the Two days Online Faculty Development Program on "Smart Manufacturing with Robotics and Automation" organized by Department of Electronics (Robotics), Murugappa Polytechnic College, Chennai on 18th & 19th MAY 2021
 16. She has attended Webinar on "Microsoft Azure Essentials" organized by Mar Ephraem College of Engineering & Technology, Marthandam on 31st MAY 2021
 17. She has actively participated in the National Webinar "Climate Smart Benefits of Bamboo to Protect The Environment" organized by Guru Nanak College, Velachery, Chennai held on 5th June 2021
 18. She has actively participated in the National Webinar "Disaster Risk Reduction Strategies" organized by Guru Nanak College, Velachery, Chennai held on 8th JUNE 2021
 19. She has participated in FIVE day Workshop on "EMERGING TRENDS 2.0" organized by Department of Computer Science Engineering, BIT Institute of Technology, Bangalore held from 7th to 11th JUNE 2021.
 20. She has actively participated in the National Level Webinar on "Empowering Women Through Entrepreneurship" organized by Guru Nanak College, Velachery, Chennai held on 15th JUNE 2021.
1. Mrs. R. Joice Hemalatha, Lect/Physics has participated 2 days online webinar on "Ancient Indian Education system" organized by NITTTR, Kolkata on 11th & 12th November, 2020.
 2. She has participated in the National webinar on "Advances in Machining" organized by NITTTR, Kolkata on 26th September 2020.
 3. She has participated in the National online webinar on soft skill in education & examination organized by center for capacity building programmes for school teachers, Tamilnadu teachers education university, Chennai on 29th September 2020.
 4. She has participated in the International webinar on "Skill set for effective Teaching : Online & Offline", Seshayee Institute of technology (Govt. Aided Autonomous Institution), Ariyamangalam, Trichy on 21 August 2020.
 5. She has participated the National seminar on "Application of Vibrational spectroscopy", SRM on 29th August 2020.
 6. She has participated in the International webinar on "Recent Advances in Infection & Immunity" organized by sree vidyanikethan degree college, Tirupathi on 31st August 2020.
 7. She has participated in the International webinar series on "Micromagnetics of ferromagnetic Nanostructures", Seshasayee Institute of Technology (Autonomous), Trichy, on 18th August 2020.

8. She has participated in the National webinar "Microwave Propagation Related to satellite Communications", & "Materials Science & Human Civilization Nanoscience & DFT", Assam University, Silchar, India. On August 2020.
9. She has participated in the International webinar series on "Basic Sciences 2020", Seshasayee Institute of Technology, Trichy, on 17th August 2020.
10. She has participated in a National webinar on "Unlearning" Aravali, College of Engineering & Management, Faridabad on 14th August 2020
11. She has participated in a International webinar on "Scientific Advancements on Solutions & Testings in Industry", University College of Engineering, Nagercoil on 10th August, 2020.
12. She has participated webinar on "Thinking smarter - Critical & Creative Thinking", Sri Eshwar College of Engineering, Chennai on 8th August 2020.
13. She has participated webinar on "Study Engineering with Learn by Doing Practices", Sri Eshwar College of Engineering, Chennai on 14th August 2020.
14. She has participated webinar on "Essentials of Electric vehicles", Sri Eshwar College of Engineering, Coimbatore on 19th August 2020.
15. She has Attended the webinar on "Visualizing Quantum Mechanics", Edu-i-Academy on 30th August 2020.
16. She has participated the webinar on "Everyone can do Quality Research", Knowledge Institute of Technology business school, Salem on 3rd September 2020.
17. She has participated in the webinar "Success Mantra When the Problems are Beyond our Control", delivered by V.V.Lakshmi Narayana, IPS (Retd.) on 4th September 2020.
18. She has attended the webinar on "Super Capacitors & Batteries for Future Avenues (IFSBFA - 2020), Bharathidasan University, Trichy on September 2020.
19. She has participated the webinar on "The Miracle of Meditation", organized by center for capacity building programmes for school teachers, Tamil nadu teachers education university, Chennai on 1st October 2020.
20. She has attended online webinar on virtual tools for teaching & Learning Process, Ramco Institute of Technology on 27th September 2020.
21. She has participated online webinar on "Concepts & Applications of Physics, Chemistry in Technology", Ramco Institute of Technology, 6th September, 2020.
1. Mrs. V. Kalaiselvi, Lecturer/Mathematics has participated in the National level webinar on Adapting to technologies in the field of education in future organized by Basaveshwara college of commerce, Arts and science on 12th August, 2020.
2. She has participated in the Online Training Programme on Abacus of English organized by

English Easyfier A. Shyam Raj, founder of Abacus of English on 5th August, 2021.

3. She has participated in the Vedic math Basic session organized by Dhaval Bathia, Vedic Math foundation on 6th August, 2021.
4. She has participated in the International Webinar's Series on Math Magic organized by Sessa Sayee Institute of Technology, Trichi on 20th August, 2020.
5. She has participated in the National level symposium in New fangled avenues of Applied Mathematics organized by Madurai Sivakasi Nadars Pioneer Meenakshi Women's college on 11th August, 2021.
6. She has participated in the International Webinar's Series on Basic Sciences-2020 organized by Sessa Sayee Institute of Technology, Trichi on 17th August 2020.
7. She has participated in the Motivational speech on Vidiyum endru vinnai nambu mudiyum endru unnai nambu organized by St. Michael college of Engineering and Technology- Sivagangai on 30th June, 2020.

DEPARTMENT OF LIBRARY

1. Dr. B Vijayalakshmi, Librarian has participated in the National One Week Faculty Development Programme on ICT Tools for Effective Teaching Learning organized by Sewa Mandal's Kamala Nerhu Maha Vidyalaya, Nagpur on 23rd May to 28th May, 2022.
2. She has participated in the 4 Days Online Training Programme on Omeka Software organized by Kerala Library Association - Kottayam Region on 11th, 12th, 13th and 27th February, 2022.
3. She has participated in the National Webinar on Innovative Library Services in Digital Age organized by Sri Sarada College of Education for Women, Tirunelveli on 23rd October, 2021.
4. She has participated in the Webinar on Delnet Resources and Services organized by KUFOS, Kochi on 21st October, 2021.
5. She has participated in the 15 Days International Online Workshop on Open Source Computing, Multimedia and Open Access Publishing Tools organized by Assumption College (Autonomous), Changanacherry from 06th to 23rd September, 2021.
6. She has participated in the 7 Days National Online Workshop on Koha Library Management System organized by Kerala Library Association from 01st to 07th July, 2021.
7. She has participated in the Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education organised by Teaching Learning Centre, Ramanujan College, Delhi on 04/06/2020 - 01/07/2020.
8. She has participated in Many Online Webinars.



Satellite Communication

Global communication is achieved with the use of satellite system. Practical satellite system is shown in the Fig. Satellites in the space are used for making link between the many earth stations or control stations present on the various places of the earth surface. End users are connected to the earth station through terrestrial network.

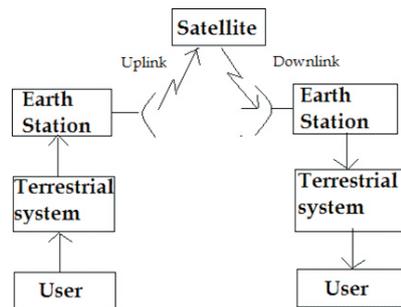


Fig. Satellite communication system

Terrestrial network may be telephone switch or the TV signal. Users generate baseband signal (message). This signal is processed and transmitted to the satellite from the earth station. This signal is called as uplink frequency. Satellite will receive the signal from earth station.

The satellite will transmit the signal to the earth station. This signal is called as downlink frequency. The earth stations will receive the signal from the satellite. This signal is processed at the earth station and sent to the end users.

In Passive Satellite system there is no processing of the signal. The received signal is reflected back to the earth station without any process. Mostly now a day's only active satellites are used. In Active Satellite received signal is demodulated, get removed of noise, amplified and retransmitted back to the earth station. The signal transmitted from satellite to earth station will be in lower frequency and is called downlink frequency.

Satellite has on-board, highly directional transmitting and receiving antennas. Accurate positioning and control mechanism are used in satellite. Power requirement are obtained from solar cells. Nickel cadmium batteries will provide power during the period of solar eclipse.

Typical uplink and downlink frequencies are 6/4 GHz. Practically uplink of 5.725 to 7.075 GHz and a downlink of 3.4 to 4.8 GHz are used. The bandwidth of satellite channel is 500 MHz. The satellite will act as microwave link repeater at space.

The satellites are classified depending on the heights from the earth as,

- 1) Low earth orbit (LEO), 2) Medium earth orbit (MEO) and
- 3) Geosynchronous earth orbit (GEO).

LEO, MEO and GEO

Parameter	LEO	MEO	GEO
Satellite Height	500-1500 km	5000-12000 km	35,800 km
Orbital Period	10-40 minutes	2-8 hours	24 hours
Number of Satellites	40-80	8-20	3
Satellite Life	Short	Long	Long
Number of Handoffs	High	Low	Least(none)
Gateway Cost	Very Expensive	Expensive	Cheap
Propagation Loss	Least	High	Highest

GSAT-24 satellite

The **GSAT-24** satellite, built by **ISRO** for New Space India Limited (NSIL), was successfully launched by French company Arianespace from Kourou in French Guiana (South America) on Thursday **23-Jun-2022**. GSAT-24 is a 24-Ku band communication satellite weighing 4180 kg with pan-India coverage for meeting DTH application needs.

Written by,
Mr. S.Nedunchezian,
S.L/ECE

EXERCISE DAILY

"Daily exercise is one of the keys to excellent health."

As a general goal aim for at least 30 minutes of moderate physical activity every day. Reducing sitting time is important, too. The more hours you sit each day, the higher your risk of metabolic problems.

It is correctly said that "A healthy mind resides in a healthy body". Unless & until our body won't be fit our mind too won't be fit. It is essential for us to do regular physical exercise. Now a days youth is more interested in eating junk food rather than healthy food. We can't stop them from eating junk food but we can surely motivate them to do exercise daily. Lack of physical activities leads to obesity among children which affects them mentally & physically.

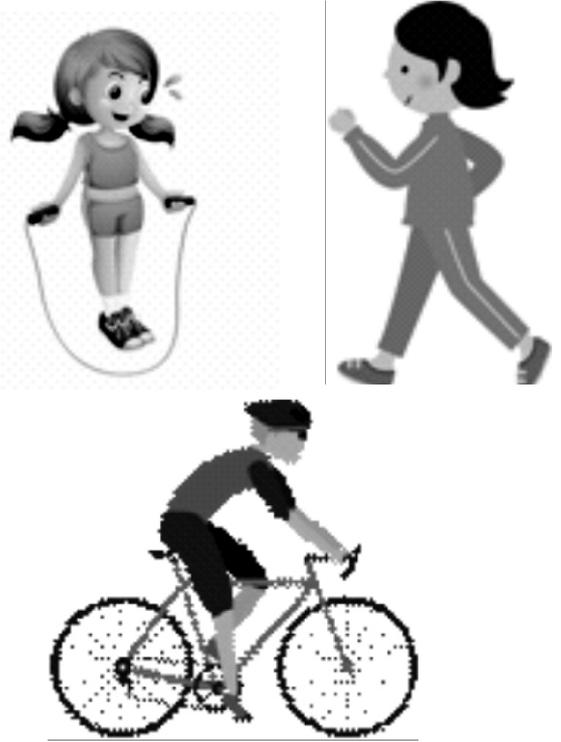
Our body is like a machine A machine cannot work without oiling. In the same way our body cannot work properly without exercises, games & sports. They gives us energy.

Immediate Benefits of Exercise

- ❖ Weight Management
- ❖ Reduce your health risk
- ❖ Strengthen your bones & muscles
- ❖ Improves your ability to do daily activities
- ❖ It improves your memory & brain function
- ❖ Improve your quality of sleep
- ❖ Exercise increases energy levels

Ten Physical Activities

- ❖ Walking
- ❖ Cycling
- ❖ Swimming
- ❖ Skipping
- ❖ Water aerobics
- ❖ Jogging & Running
- ❖ Aerobic exercise classes
- ❖ Some gardening activities.



In order to live life healthily it is essential to exercise for mental & physical development. Thus, exercise is important for the overall growth of a person. It is essential to maintain a balance between work, rest & activities.

"Healthy mind lives in healthy body." So to stay fit & healthy one must do exercises regularly.

Mr. R. Joice Hemalatha Lect/Physics

ENVIRONMENTAL POLLUTION

By Environment, we mean our surroundings, Which have an impact on our lives. It is the sum total of the surroundings and resources, including both biotic resources (i.e living creatures such as plants and animals) and abiotic resources (i.e non-living things, such as air, water and land) that effect our existence and quality of life. However, because of the repaid increase in population and indusrialisation, the excessive use of resources has resulted in their degradation and depletion. Also, the discharge of harmful substances into the environment has contributed towards pollution.

ENVIRONMENTAL POLLUTION CAN BE CLASSIFIED INTO THE FOLLOWING FOUR TYPES.

- ❖ **AIR POLLUTION** : It is caused by the emission of harmful gases into the atmosphere.
- ❖ **WATER POLLUTION** : It is caused by the discharge of industrial and household wastes in the river, thereby degrading the quality of water.
- ❖ **LAND POLLUTION** : This is caused by dumping toxic wastes on land, which in turn damages it, making it unfit for agriculture.
- ❖ **NOISE POLLUTION** : It is caused by the noise from factories and vehicles, which may cause serious health problems such as loss of hearing or mental disorders.

POLLUTION PREVENTION:

Prevention practices are essential for preserving wetlands, groundwater sources and other critical ecosystems-areas in which we especially want to stop pollution before it begins.

- **Pollution prevention approaches in energy sector:**
 - Increasing efficiency in energy use.
 - Use of environmentally benign fuel sources.
- **Pollution prevention approaches in agricultural sector:**
 - Reducing the use of water and chemical inputs
 - Adoption of less environmentally harmful pesticides or cultivation of crop strains with natural resistance to pests and protection of sensitive areas.
- **Pollution practices include in industrial sector:**
 - Modifying the production process to produce less waste.
 - Use of non-toxic chemicals as cleaners, and other maintenance chemicals.
 - Reusing the materials such as drums and pallets rather than disposing of them as waste.
- **Pollution practices include in homes and schools:**
 - Using reusable water bottles instead of throw-aways.
 - Automatically turning off lights when not in use.
 - Repairing leaky faucets and hoses.
 - Switching to “green” cleaners

The lives of humans and animals get impacted due to this. **It is our responsibility to take various initiatives to protect nature.** We need to **fight against pollution** to take steps towards a **better tomorrow.**

Mrs. D. Muthu Lakshmi
Lecturer/ ECE

SELF - DISCIPLINE THE FOUNDATION FOR SUCCESS

Self discipline is a way of being honest, hard working motivated & encouraged while doing any task. The role of discipline in our life is to set orderliness, efficiency, punctuality, organisation & focus on your tasks.

7 Self Discipline Habits of the Super Successful

- ❖ They work inside their passion.
- ❖ They reward progress
- ❖ They work within their biological clock
- ❖ They remove distractions
- ❖ They do the Hardest thing first
- ❖ They know it takes action.

1. They Work Inside Their Passion

When you are doing something you love, discipline comes naturally. The only time you have to make yourself stay disciplined is when you don't enjoy what you're doing. The successful people say that they never put off the stuff that is hard or not fun. They power through those tasks to accomplish all that they want in life.

2. They Remove Distractions

Phones, emails & browsers can sabotage productivity. Don't fight the distractions. Eliminate them. Set times to make calls, answer personal emails or check social media.

3. They Reward Progress

Take breaks. Eat snacks go for 10 min walks. Do something every 2 hours or so to refresh & to reward your progress.

4. They Do the Hardest Thing First

We usually procrastinate on the one thing that will give us the biggest return on results. It's usually the one thing you want to do. Do it first & the rest of your day will feel much lighter.

5. They Make Decisions

Self - Discipline comes down to a choice. At every moment, you decide if you do what you need to do or just do what you want to do. To be successful you have to learn to analyze information available then make a decision.

6. They Work Within Their Biological Clock

Don't fight your natural routine. If you're best in the morning work then. If you do better later in the day, Start later. Do what fits your internal schedule to optimize your results.

7. They Know it Takes Action

This sometimes the only way to be self disciplined. you're just got to do it. Forget the thoughts. Ignore the feelings. Don't worry about how. Just do what you're got to do. Sometimes you just have to try, fails & try again untill you figure it out.

Self - Discipline is not easy for most of us. It is a skill you can develop it & grow in this area of your life. It makes constant work & focus to get better.

By implementing these seven tips you will be well on your way to progress & success.

Mrs. R. Joice Hemalatha

Lect/ Physics

TECHNOLOGY IN HUMAN LIFE

Technology affects people all over the world. Advance technology have made our countries safer and our lives easier; they have also negatively affected our lives.

Technology has brought us

- ❖ Online banking
- ❖ Smart cars
- ❖ Lightning fast computers
- ❖ Virtual reality.



The society has been changed with the evolution of technology. Life was burdensome and everyday chores consumed too much of our time, before the advent of modern day technology. The access to education, medicine, industry, transportation etc. has been simplified due to development in modern day technology. Due to the convenience and efficiency provided by technology, our lives have improved. Information technology give a new face to traditonal libraries that include both digital collections and traditonal, fixed media collections. We know that traditional libraries are limited by its storage space, but the digital information requires little space to contain information, so digital libraries have the potential to store more documents. The use of information technology in digital libraries that will increase the number of users and increased the expectations of the users.

Technology has also brought about efficiency and quality in the manufacturing sector. Technological advancement has reduced the risk. Development is closely related with technology and the stage of development the human being has arrived could have been possible without the advancement in technology.

Agriculture, industry, profession, health, education, art, political processes, recreation, religious activities and daily life activities all are under the influence of technology now. There are some modern technological developments that play a major role in making our daily life more effective. Television is also good servant, it's considered as the cheapest source of information and entertainment nowadays. Technological progress has merely provided us with more efficient means for going whether forwards or backwards as well. It has enabled us to increase our comfort and to achieve efficiency in all sectors of life. We can't achieve any progress or development, without technology. We can modernize our industry so life becomes easier for us and next generations through the developed technologies.

Mr. Y. Palin Visu
LECTURER/ECE

மொபைல் போன்கள் நீச்சியம் தேவை

தேவை தேவை சமூகக் கவனமும்

செல்போன்கள் மிகவும் பயனுள்ளவை, தொடர்பு கொள்ள, உரை, மின்னஞ்சல், அழைப்பு, வீடியோ அரட்டை, எங்கும் யாருடனும் தொடர்பில் இருக்க சமூக ஊடக பயன்பாடுகளைப் பயன்படுத்தலாம். தொழில்நுட்பம் நம் வாழ்வின் ஒவ்வொரு அம்சத்திலும் அதன் வழியை உருவாக்கி, வாழ்க்கையை எளிதாக்கவும் மேலும் செயல்படவும் உதவுகிறது.

நன்மைகள் :

- எளிதான தொடர்பு....
- சமூக ஊடகங்களில் உறவினர்களுடன் இணைக்கவும்
- ஸ்மார்ட்போன்கள் மூலம் வணிகத்தை ஊக்குவிக்கவும்....
- மக்களின் பாதுகாப்புக்கு நல்லது ...
- இன்று ஸ்மார்ட்போன் ஒரு ஃபேஷன் ...
- அவசர சூழ்நிலைகளில் உதவி....



தீமைகள் :

- பெரும்பாலான தனிநபர்கள் நாள் முழுவதும் செல்போனை பயன்படுத்துவதை வழக்கமாக கொண்டுள்ளனர்....
- மொபைல் போன்கள் தனிமைப்படுத்தப்படுவதற்கு காரணமாகின்றன.
- மொபைல் போன்களால் நேர விரயம்.
- மொபைல் போன்களால் கவனச்சிதறல்.
- மொபைல் போன்களில் பணம் விரயம்.
- மொபைல் போன் ஒரு போதை.
- மொபைல் போன் சைபர்புல்லிங்.
- மொபைல் போன்களால் பாதுகாப்பு சிக்கல்கள்.
- மொபைல் போன்களை அதிகம் பயன்படுத்துவதால் படிப்பு நஷ்டம்.
- ஒழுக்கக்கேடான நடவடிக்கைகள்
- ஆபத்தான கதிர்வீச்சு



மொபைல் போன்களை அதிகம் நேரம் பயன்படுத்துவதால், நமது நரம்பு மண்டலம் பாதிப்படைகின்றன. அவை ஏற்படுத்தலாம் தலைவலி, கவன குறைவு, தூக்கக் கோளாறுகள் மற்றும் மனச்சோர்வு போன்றவற்றை ஏற்படுத்தலாம். ஆகையால் மொபைல் போன்களை பயன்படுத்துங்கள் நல்ல நோக்கத்திற்காக.

மாணவர்களிடம் மொபைல் போன்கள் பலனும் பலவீனமும்:

இன்றைய மாணவர்கள் தங்களது கற்றல் செயற்பாடுகளையும் மறந்து தொலைபேசியின் ஆக்கிரமிப்பிற்கு உள்ளாகின்றனர். மாணவர்கள் தங்களைச் சுற்றி நடப்பவை யாது? என புரியாத அளவிற்கு அதன் செல்வாக்கிற்கு உட்பட்டவர்களாக காணப்படுகின்றனர். தங்களைச் சுற்றி நடக்கும் எந்த சிந்தனையும் அற்றவர்களாகக் காணப்படுவதுடன், கற்றலில் ஈடுபாடு காட்டுவதில்லை. மாறாக



தொலைபேசி விளையாட்டுக்கள், முகப்புத்தகங்களின் பாவனை என்பவற்றில் நேரத்தை வீணாக செலவிடுகின்றனர். தொலைபேசி விளையாட்டு மீதான இவர்களின் ஈடுபாடு உணவு, உறக்கம் என்பவற்றை மறக்கடிக்கும் அளவில் காணப்படுகின்றது. சில நேரங்களில் பாடசாலைக்குக் கூட செல்லாமல் தொலைபேசி விளையாட்டுக்களில் நேரத்தைச் செலவிடுகின்றனர். இவர்களின் இவ்விளையாட்டுகளினால் உடற்பயிற்சி என்ற ஒரு விடயத்தையே மறந்துவிடுகிறார்கள். இது மாணவர்களிடையே உடல்சார் நோய்களை தோற்றுவிப்பதுடன், ஒரு உற்சாகத்துடன் அவர்கள் செயற்படுவதைக் குறைத்து விடுகிறது. மாணவர்களிடத்தில் முகப்புத்தகங்களின் பாவனையானது கலாசாரப் பண்பாட்டு சீர்கேடுகளையும் நடத்தை பிறழ்வுகளையும் ஏற்படுத்துகின்றது. முன் அறிமுகமில்லாதவர்களிடம் தொடர்புகளை ஏற்படுத்தி நடத்தை பிறழ்வான செயற்பாடுகளை செய்ய தூண்டுவதுடன், தற்கொலை செய்துகொள்ளல் போன்றவைற்றுக்கு உள்ளாகின்றனர். முகப்புத்தகத்தில் ஏற்பட்ட மோகம் காரணமாக மாணவர்கள் பாடசாலைகளுக்கு தொலைபேசிகளைக் கொண்டுசென்று, அங்கும் கூட கற்றல் விடயங்களில் ஈடுபாடு காட்டுவதை குறைத்துக் கொள்கின்றனர்.



தொலைபேசிகளில் நேரம் பார்த்து பழகிக் கொண்ட மாணவர்களுக்கு கடிகாரத்தைப் பார்த்து நேரம் சொல்லும் தன்மை குறைந்து வருகின்றது. அத்துடன் மாணவர்களிடத்தில் குறுஞ் செய்திகளை அனுப்பும் செயலானது மொழி விருத்தியை தடைசெய்து வருகிறது. தொலைபேசியைப் பயன்படுத்தும் மாணவர்கள் சமூக நல்லுறவுகள் அற்றவர்களாகக் காணப்படுகின்றனர். அருகில் உள்ள மனிதர்களையும் இவர்கள் அறிவதில்லை. சமூகத்தில் உள்ள ஒவ்வொரு நபர்களையும் பற்றிய எண்ணமும் அற்றவர்களாக தங்களது உலகையே ஒரு தொலைபேசியில் அடக்கி விடுகின்றனர். ஆசிரியர்களும் பெற்றோர்களும் மாணவர்களுக்கு வழிகாட்டினால் அவர்கள் கைத்தொலைபேசிக்கு அடிமையாகாமல் நல்ல முன்னேற்றத்தை எட்டுவர்.

மேலும் இவர்களிடையே சமூக அக்கறை பற்றிய சிந்தனைகள் இல்லாது போவதுடன் தமது பொறுப்புகள், கடமைகள், எதிர்கால திட்டங்கள் பற்றிச் சிந்திக்கும் தன்மை முதலானவை குறைந்துள்ளன. பெற்றோர்கள் அதன் விளைவுகள் பற்றி பிள்ளைகளிடத்தில் புரிய வைத்தல் அவசியமாகும். மாணவர்களிடம் மொபைல் போன்களின் பயன்பாட்டைப் பெற்றோர்களும், ஆசிரியர்களும் கவனத்தில் எடுத்து, அவர்களைக் கற்றல் செயற்பாடுகளில் ஈடுபடுத்தவும், கற்றல் செயல்பாடு மீதான ஈடுப்பாட்டை மாணவர்களிடத்தில் தோற்றுவிக்கவும் வேண்டும்.

Mrs. K. Jothi Rajameenakshi

Lecturer/ECE

Sankar Polytechnic College



A MOTIVATION POEM FOR SUCCESS

SUCCESS

Success is not final; Failure is not fatal;

It is the courage to continue that counts,

It is better to fail in originality than to succeed in limitaion;

But success usually comes to those who are too busy to be looking for it,

Don't be afraid to give up the good to go for the great;

You find that the harder you work, the more luck you seem to have,

But remember a thing

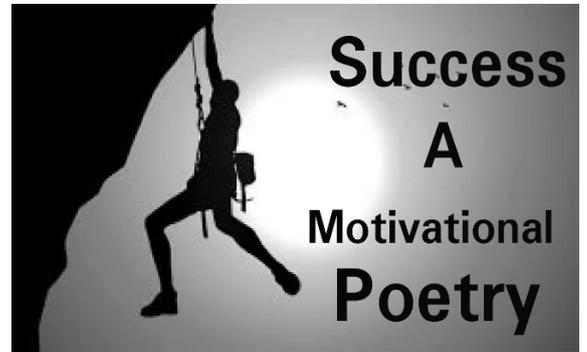
Success is not the key to happiness;

Happiness is the key to success,

If you love what you are doing;

you will be successful

So stop thinking and start doing!



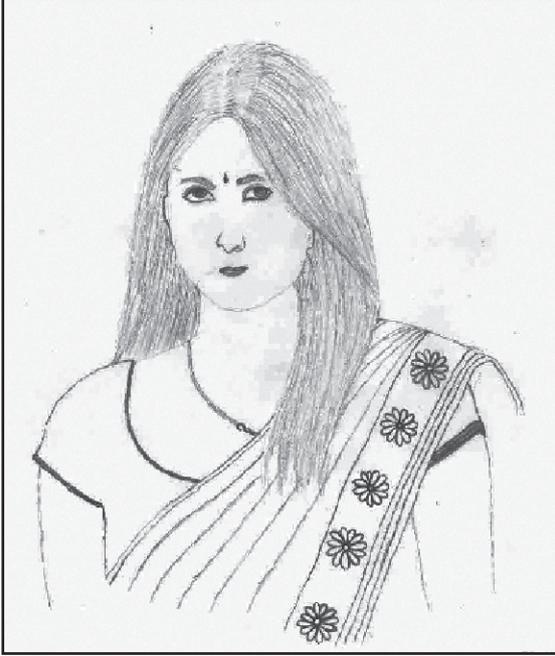
ALL THE BEST MY FRIENDS

By A Motivator

K. Gilson Beer Mohamed

II Year 'B' Mechanical Engineering

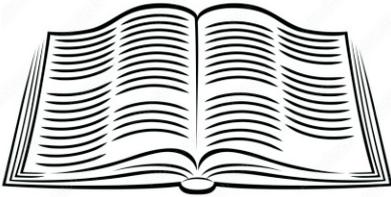
DRAWING



Super!
Art

A. Afshan fareen
214102 - II ECE

கல்வி



கல்வி இல்லையேல்

காரியம் இல்லை

காரியம் இல்லையேல்

ஊதியம் இல்லை

ஊதியம் இல்லையேல்

வாழ்க்கை சாத்தியம் இல்லை..!



K.S.Authinathan
215603 - II Mech 'B'

நீங்கள் வியந்து பார்க்கும் நபர்.....

முன்னுரை :

நான் வியந்து பார்க்கும் நபர் இளைஞர்களின் வழிகாட்டி “ அப்துல்கலாம் ” ஐயா அவர்கள். அவர்களை பற்றி சுருக்கமாக இக்கட்டுரையில் காண்போம்.

பிறப்பு :

தமிழ்நாட்டின் இராமேஸ்வரம் தீவில் ஒரு நடுத்தரக் குடும்பத்தில் ஜெயனுல்லா புதீன் என்பவருக்கும், ஆஷியம்மாள் என்னும் மங்கை நல்லாளுக்குத் தமிழ்நாடு செய்த நீண்ட தவத்தின் காரணமாக 1931 ஆம் ஆண்டு அக்டோபர் 15 ஆம் நாள் அப்துல்கலாம் பிறந்தார்.



வியந்து பார்க்கக் காரணம் :

அவரின் ஒவ்வொரு உரையும், அவரது சொற்பொழிவும் என்னை வியந்து பார்க்க வைத்தது. அவரின் இளமை பருவத்தின் கஷ்டமும், பள்ளி பருவத்தில் அவர் பெற்ற கல்வியும், கல்லூரி வாழ்வில் பெற்ற பட்டமும் என்னை வியப்பில் ஆழ்த்தியது. அவரது உழைப்பு, திறமை அவரை உயரசெய்தது. அவரின் “ தன்னம்பிக்கை ” என்னை வியந்து பார்க்க வைத்தது.

இளைஞர்களின் வழிகாட்டி டாக்டர் அப்துல்கலாம் :

இளைஞர்கள் டாக்டர் அப்துல்கலாமை தங்கள் வழிகாட்டியாக கொண்டு வாழ்வில் முன்னேறி வருகின்றனர். இளைஞர்களுக்கான அவருடைய அறிவுரை, “போராட்டம் இல்லாத வாழ்க்கை உப்பில்லாத உணவு போல இருக்கும்” உப்பில்லாத உணவை சாப்பிட முடியுமா? அதுபோல போராட்டமில்லாமல் வாழ்வில் வெற்றி பெற முடியாது. மேலும், “ நமது குறிக்கோள்களில் நாம் முழுநம்பிக்கை வைக்கும் போது “ நமது கனவு நனவாகும் “. என்று சொற்பொலிவாற்றி இளைஞர்கள் மனதில் நீங்கா இடம் பிடித்தார்.

முடிவுரை :

நான் வியந்து பார்த்த மனிதன் 83 ஆம் வயதிலும் அயராது உழைத்துக் கொண்டிருந்த திரு.கலாம் அவர்கள் 2015 ஆம் ஆண்டு ஜூலை மாதம் 27ம் தேதி திங்கள் கிழமையன்று, மேகாலயா மாநில தலைநகர் ஷில்லாங்கில் மாணவர்களிடையே உரையாற்றிக் கொண்டிருந்த போது மாரடைப்பில் காலமானார். இது இளைஞர்கள் மக்களுக்கு பேரிடியாக இருந்தது. அவர் இன்று இல்லையென்றாலும் அவர் எங்கள் மனதில் நீங்கா இடம் பிடித்தார்.

R. Selvamari

நான் வியந்து பார்க்கும் நபர்



முன்னுரை:

நான் வியந்து பார்க்கும் நபர் **மாண்புமிகு முதல்வர் திரு. ஸ்டாலின்** அவர்கள் அவர்களை பற்றி பின்வருமாறு பார்ப்போம்.



சாதனைகள்:

1. முதல்வர் அவர்கள் பதவியேற்ற பின் 2 கோடி குடும்ப அட்டைதாரர்களுக்கு இரு விரிவாக ரூ. 2000 வழங்கியது.
2. சேலம் மாவட்டத்தில் கொரோனா வார்டுக்கு சென்று கொரோனா நோயாளிகளை சந்தித்து ஆறுதல் கூறியது.
3. உலக தமிழர்களிடம் முதலமைச்சர் கொரோனா நிதி திரட்டியது.
4. பல்வேறு நிறுவனங்கள் மூலம் ஆக்ஸிஜன் தட்டுபாட்டை நீக்கியது.
5. சொங்கல் பட்டு மாவட்டத்தில் தடுப்பூசி தயாரிக்க பயன்பாட்டில் இல்லாத HCL ஆலையை தடுப்பூசி தயாரிக்க குத்தகைக்கு எடுக்க ஒன்றிய அரசுக்கு கடிதம் எழுதியது.
6. Neet தேர்வுக்கு குழு அமைத்தது.
7. முதலமைச்சருக்கு தனி செயலர்களை தேர்ந்தெடுத்தது.
8. Covid - 19 பாதிப்பால் பெற்றோரை இழந்து தவிக்கும் குழந்தைகளுக்கு தனி கவனம் மற்றும் நிதி வழங்கியது.
9. Covid - 19 பாதிப்புக்கு நிதி வழங்கிய அனைத்து குழந்தைகள், நிதிவழங்கியவர்கள் அனைவருக்கும் உற்சாகப்படுத்தி அவர்களுக்கு திருக்குறள் புத்தகங்கள் வழங்கியது.
10. மகளிருக்கு கட்டணமில்லா பேருந்து பயணச் சேவை
11. வீடு தேடி வரும் மருத்துவ சேவை திட்டம்
12. தொழில் வளர்ச்சியை மேம்படுத்த Hyundai கம்பெனிக்கு சென்று ஊக்குவித்தது.
13. தொலைக்காட்சி மூலம் Covid -19 விழிப்புணர்வு உரையாற்றி மக்களைப் பாதுகாப்பது போன்ற செயல்பாடுகள், அவரை நான் வியந்து பார்க்கிறேன்.

A. Pushparaj,
Sankar polytechnic college,
Mechanical Engineering

அப்பா

அப்பா என் ஆசான்

ஆளுமை நிறைந்தவர்

இன்சொல் பேசுபவர்

நகையை போற்றுபவர்

உற்சாகம் படுத்துபவர்

உளக்கம் அளிப்பவர்

என்னுடன் போட்டியிடுபவர்

ஏற்றம் பெற உழைப்பவர்

ஐயம் நீக்குபவர்

ஒய்யாரமாய் தோளில் சுமப்பவர்

ஒயாமல் படிப்பவர்

ஒளவை சொல்படி வாழ்பவர்.



அ.புஷ்பராஜ்

சங்கர் தொழில்நுட்ப கல்லூரி, சங்கர்நகர்.

HEALTH TIPS

Headache which is caused by summer heat is cured by consuming watermelon juice.

Mix 2 teaspoons of honey with equal quantity of ginger juice. This helps to remove mucus, providing relief for the common cold, cough and store throat.

Did you know?

1. Carrot contains 0% fat.
2. Anger weakens your liver.
3. Grief weakens your lungs.
4. Worry weakens your stomach.
5. Stress weakens your heart and brain.
6. Fear weakens your kidney.
7. Eating chocolate while studying helps the brain to retain new information easily.
8. An egg contains every vitamin except vitamin c.
9. Pineapple juice is 5 times more effective than cough syrup. It also prevents cold and flu.
10. Drinking black tea can prevent lung damage from smoking.
11. To produce a single pound of honey, a single bee would have to visit 2 million flowers.
12. Rain contains vitamin B₁₂.
13. Cucumbers are 96% water.
14. Wearing headphone for just an hour will increase the bacteria in your ear by 700 times.
15. Sucking a piece of clove after meal helps in reducing acidity.

If you're coughing uncontrollably, raise your hands above your head and it will stop.

If you care your eye, massage your feet with oil before going to bed.



Five Rules For Better Life

1. Less Meat More Vegetables
2. Less Sugar More Fruits
3. Less Drive More Walk
4. Less Worry More Sleep
5. Less Anger More Laughter.

A. Afshan fareen

214102 - ECE II Year

அப்பா.....

எங்கள் குடும்பத்தலைவர்

பல நற்பண்புகள் உடையவர்

கண்ணும் கருத்துமாய் வளர்ப்பவர்

தன்னலம் கருதாதவர்

உறவுகள் மேம்பட வாழ்பவர்

தியாகங்கள் பல செய்பவர்



கள்ளம் இல்லா உள்ளம் கொண்டவர்

பிற உயிர்களிடத்தில் கருணை கொண்டவர்

அவரே என் வாழ்வின் முன்னோடி ...

அ. புஷ்பராஜ்

சங்கர் பாலிடெக்னிக் கல்லூரி,

சங்கர்நகர்.



The Childhood Memories

[குழந்தை பருவ நினைவு]

The best part in our whole lifetime is our childhood and the things we used to do in our childhood had now become our best garden memories. In childhood we always fought with parents but they don't say us anything. We used to go out on picnics but now we are not having sufficient time to spend at home. so, going for vacation is a big deal..... when we were small we often says we want to grow big and now we say that we want to live our childhood once again. In childhood we used to hide behind the door and whenever someone else come we try to make them fear. We were always thinking that whatever after closing the refrigerator the light inside it is still on or it has become off and so on. We used to collect shells from sand and we thought that what great thing we have found. But now we consider all things as useless. We pray to god whether he return us something or not but atleast return our childhood.

According to me, childhood stage create the best memories ever no stages can replace childhood. Childhood is said to be the best part of life. Because childhood is a time when there is no burden of responsibility. We live in our own fun, we don't worry about anything. There is no pain in childhood.

EXPECT THE UNEXPECTED AND ALWAYS BE PROTECTED

After corona virus [COVID -19] how the railway stations are affected : Indian Railways undertakes, cleaning, disinfection of trains, station premises ; see pics. The Railwayministry has appealed



to railway users to follow COVID - 19 guidelines for safe train journey, which include avoiding large events and mass gatherings, washing hand with soap etc....

Before corona virus [Covid - 19] how the railway stations : T h e travelling in our life is so enjoyable. We can travel in train with familiy, neighbours, friends etc. Before covid - 19. We travel as long distance like karnataka to tamilnadu but after lockdown it will affect the train travelling most huge member of peoples were enjoyed to travel in train especially kids and teenagars.

Be Safe Stay Safe

Arun kumar. M

195103 - Mech - III - 'A'

௨ (தேயீர்)

- ❖ முன்னுரை
- ❖ அறிவியல் பெயர்
- ❖ இந்திய தேயிலை
- ❖ தேயிலை உற்பத்தி
- ❖ இந்திய தேயிலையின் சிறப்பு
- ❖ தேயிலை விளையும் பிற நாடுகள்
- ❖ மருத்துவ குணங்கள்
- ❖ முடிவுரை



முன்னுரை :

தேயிலை ஒரு பசுமைத் தாவரம். இது ஒரு வாணிகப் பயிராகும். இந்தத் தாவரத்தின் கிளைகளின் நுனியிலுள்ள இலையரும்பையும், அதற்கு அடுத்ததாக இருக்கும் ஒரு இளம் இலைகளையும் கொய்து அவற்றை உலர வைத்து, நொதிக்கச் செய்து, பொடியாக்கி, பின்னர் படிப்படியாக பக்குவப்படுத்தி தேநீர் தயாரிக்கப் பயன்படுத்தப்படுகின்றன.

அறிவியல் பெயர் :

இந்நிலைத் திணையின் இருசொற்பெயர் *Camellia Sinensis* என்பதாகும். இங்கு *Sinensis* என்பது இலத்தீன் மொழியில் சீனாவைச் சேர்ந்த என்ற பொருள்படும். *Camellia* என்பது அருட்திரு. செரொக் காமெல் (1661 - 1706) என்ற இயேசு சபை பாத்திரியாருடைய பெயரின் இலத்தீனாக்கப்பட்ட வடிவமாகும். இவர் தேயிலைச் செடியைக் கண்டுபிடிக்கவோ அல்லது பெயரிடவோ இல்லை எனினும் திணைவகையீட்டை உருவாக்கிய கரோலஸ் லின்னேயஸ் அறியப்பட்ட தாவரவியலாளரான அருட்திரு. செரொக் காமெல் அடிகள் அறிவியல் துறைக்காற்றிய சேவையை பாராட்டும் வகையில் இப்பேரினத்துக்கு இப்பெயரை இட்டார்.

இந்திய தேயிலை :

இந்தியாவில் தேயிலைத் தொழில் சுமார் 180 ஆண்டுகள் பழமையானது ஆகும். உலகில் மிகப் பெரிய தேயிலை உற்பத்தி நாடாகவும், தேயிலை நுகர்வு நாடாகவும் இந்தியா திகழ்கிறது. இந்தியாவின் வாணிகப் பயிர்களில் தேயிலை மிகவும் முக்கியமான ஒன்றாகும். 1830 ஆம் ஆண்டின் பிற்பகுதியில் தான் இந்தியாவில் தேயிலையின் வணிக உற்பத்தி ஆரம்பமானது.

தேயிலை உற்பத்தி :

இந்தியாவில் தேயிலை உற்பத்தியில் புவிமயியல் ரீதியான தனித்த பகுதிகள் பிரிக்கப்பட்டுள்ளன. தேயிலையின் தரம், மணம், சுவை ஆகியவற்றில் வேறுபட்ட தேயிலை வகைகள் இந்தப் பகுதிகளில் பயிர் செய்யப்படுகின்றன. அந்த வகையில் டார்ஜிலிங், அசாம், நீலகிரி ஆகியவை தேயிலை விளையும் சிறப்பு பூகோளப் பகுதியாகும். இமயமலையின் பனி படர்ந்த அடிவாரத்தில் பயிர் செய்யப்படுவது டார்ஜிலிங் தேயிலையாகும். இப்பகுதிக்கு உரிய அதிக குளிர், ஈரப்பதமான பருவநிலை, மழையளவு, மண்வளம் மற்றும் மலைச் சரிவுகளின் சாகுபடி ஆகிய தன்மைகளால் டார்ஜிலிங் தேயிலை சிறப்பு சுவை கொண்ட தனித் தன்மையைப் பெற்றுள்ளது.

இந்திய தேயிலையின் சிறப்பு :

டார்ஜிலிங் தேயிலை சிறப்பு சுவை கொண்டதாகும். இந்த வகைத் தேயிலை உலகில் வேறொங்கும் பயிரிடுவதில்லை என்பது இதன் தனிச் சிறப்பாகும். டார்ஜிலிங் தேயிலையைப் போலவே அசாம் தேயிலையும் உலகப் புகழ் வாய்ந்தது. அசாமில் விளையும் தேயிலை மிகவும் சுவையான பளிச்சென்ற நிறம் கொண்ட தேநீரைத் தரும் தேயிலையாகும். தமிழ்நாட்டில் நீலகிரி மலைப்பகுதியின் சரிவான நிலப்பகுதிகளின் தேயிலை மிகவும் சுவை கொண்டதாகும். அதிகபட்ச தேநீர் சுவையை விரும்புவோர் நீலகிரித் தேயிலையைத் தேர்வு செய்வர். இந்தியாவில் உற்பத்தியாகும் தேயிலை ருஷ்யா, பிரிட்டன், அமெரிக்கா, சிங்கப்பூர், இலங்கை, போலந்து, ஜெர்மனி, ஆப்கானிஸ்தான் உள்ளிட்ட பல்வேறு நாடுகளுக்கு ஏற்றுமதி செய்யப்படுகிறது.

தேயிலை விளையும் பிற நாடுகள் :

சீனா, இலங்கை, கென்யா, துருக்கி, இந்தோனேசியா, வியட்நாம், வங்காளதேசம், மாலாவி, உகண்டா, தன்சானியா, மலேசியா போன்ற பல நாடுகளும் தேயிலையைப் பெருமளவு உற்பத்தி செய்கின்றன.

மருத்துவ குணங்கள் :

தேயிலை உடல் நலத்திற்கும், ஆரோக்கியத்திற்கும் நன்மை செய்யக்கூடியதாகும். பச்சைத் தேயிலையை உட்கொண்டால் சில வகைப் புற்றுநோய், அல்சிமர் நோய் மற்றும் இதய நோய்கள் ஏற்படுவதற்கான வாய்ப்புகள் குறைவதாக உலகம் முழுவதும் நடத்தப்பட்ட பல்வேறு ஆய்வு முடிவுகள் தெரிவிக்கின்றன உடல் எடையை குறைக்கவும் தேயிலை உதவுகிறது. தேநீர் தோல் புற்றுநோய் வராமல் தடுப்பதாகவும் ஆய்வுகள் தெரிவிக்கின்றன. தேயிலையில் உள்ள புளோரைடு பற்கள் சொத்தையாகாமல் தடுக்கிறது.

முடிவுரை :

தேநீர் புத்துணர்ச்சி தருவதாகவும் உள்ளது. மழைக்காலங்களில் தேநீர் பருகினால் அருமையாக இருக்கும். நற்குணங்கள் கொண்ட தேநீரை விரும்பிப் பருகுவோம்.

P. Muthulakshmi
III Year - CT Department

Book Reading

Book reading is a multifaceted process involving word recognition, comprehension, fluency and motivation. Simply it known as making meaning from the printed form.

Involved processes:

- * Word recognition which means identifying the words in printed form.
- * Comprehension is defined as to construct an understanding content from the printed form.
- * Fluency of reading is made up of accurate reading of connected text at a conversational rate with appropriate prosody or expression. Simply the ability to read like you speak.
- * Motivation is the process that initiates, guides and maintains goal oriented behaviours.

Benefits of reading books:

- * Lengthens lifespan
- * Increase empathy
- * Reduce stress
- * Prevent cognitive decline
- * Strengthens of brain
- * Builds vocabulary
- * Aids sleep
- * Alleviates depression

Gutenberg bible

- * The first actual book written on paper is made in china.
- * Each sheet of paper was roughly the size of a newspaper called as "leaf" and also folio.
- * Years later in 1454, a german man called Johannes Gutenberg built his very own printing press or movable

Type :

- * The first book Gutenberg printed is the Gutenberg bible.

Pocket sized books :

Aldus Manutius founded in printing press in venice with the desire to created pocket sized books that retold the Greek classics.

Advantages:

- * Improve focus and concentration.
- * Provide inspiration , perspective.
- * Fun to read.
- * Help you build discipline.
- * Make you rich
- * Improve vocabulary, creativity.
- * Helps you to make friends.
- * Helps you improve your professional life.
- * Improve your writing skill.

Eg. By reading finance books you won't be able to rich but if you work hard for it you will be able to become rich.

- * Teach you about personal growth.
- * Improve productivity.

Eg. The one thing by Gary Keller taught me why I should focus on only one thing at a time and stop multitasking to avoid context switching.

- * Develop your personality.
- * Make you calm and peaceful.
- * Wisdom allows you to see through bullshit .
- * improve your imagination.
- * Turn you into an idea machine .
- * Helps you to remember things easily and to learn better.
- * Books allow you to pass on your legacy .

Eg. Let's face the truth.

Disadvantages:

- * Consume time
- * People call you a nerd
- * Eat up storage
- * Cause double mindedness sometimes due to contradicting opinions.

Conclusion:

From the points discussed above , you can conclude that reading books has both it's pros and cons. It's Pros outweigh bits cons, though. If you take care of its cons, then nobody can stop you from achieving Big goals.

Reading is a super power. (With great power, comes great responsibility) Love reading, then life loves you . Because unknowingly you will follow every good thing that you have read from books. Reading isn't boring. It just looks like boring.

N. Kalai Selvan
203115 - II year,EEE (A)

BOOK READING

SYNOPSIS

- 📖 Introduction
- 📖 Different Genres of Books
- 📖 Benefits of Reading Books
- 📖 Important about Books
- 📖 Conclusion

INTRODUCTION:

“Reading is a conversation. All books talk. But a good book listens as well”
- Mark Haddon

Books are referred to as a mans best friend. They are very beneficial for mankind and have helped it evolve. There is a powerhouse of information and knowledge. Books offers to us so many things without asking in return. Books leave a deep impact on us and are responsible for uplifting our mood. This is why we suggest children to read books from an early age to gain knowledge. The best part about books is that there are various types of books. One can read any type to gain different types of knowledge. Reading must be done by people of all ages. It not only widens our thinking but also enhances our vocabulary.

DIFFERENT GENRES OF BOOKS:

There are different genres of books available for book readers. Every day, thousands of books are released in the market ranging from travel books to fictional books. We can pick any book of our interest to expand our knowledge and enjoy the reading experience. Firstly, we have travel books, which tell us about the experience of various travelers. They introduce us to different places in the world without moving from our place. It gives us traveling tips which we can use in the future. Then, we have history books which state historical events.

They teach about the eras and how people lived in times gone by further more, we have technology books that teach us about technological developments and different equipment. You can also read fashion and lifestyle books to get up to date with the latest rends in the fashion industry. Most importantly, there are self-help books and motivational books. These books help in the personality development of an Individual. They inspire us to do well in life and also bring a positive change in ourselves. Finally, we have fictional books. They are based on the writers imagination and help us in enhancing and keep us intrigued until the very end.

BENEFITS OF READING BOOKS

There are not one but various advantages of reading books. To begin with, it improves our knowledge on a variety of subjects. Moreover, it makes us wiser. When we learn different things, we learn to deal with them as entertained. They kill our boredom and give us great company when we are alone. Furthermore, books help us to recognize our areas of interest. They also determine our career choice to a great extent. Most importantly, books improve our vocabulary. The motivational Books and fictional Books are helps to learn new words from it and that widens our vocabulary. In addition, books boost our creativity. They help us discover a completely new side.

In other words, books make us more fluent in languages. They enhance our writing skills too. Plus, we become more confident after the knowledge of books. They help us in debating, public speaking, quizzes and more. It impacts our personality positively as well. Thus, we see how books provide us with so many benefits. We should encourage everyone to read more books and stop using the useless phones.

IMPORTANCE OF BOOKS:

Books are of great importance to mankind. They enhance our knowledge and vocabulary. They keep us entertained and also widen our perspective. This in turn, makes us more confident and wise. Books come in different genres. Some of them are travel books, history books, technology books, fashion and lifestyle books, self-help books,

CONCLUSION:

“Reading is dreaming with open eyes”

“While writing is important in its own right, the evidence clearly shown that writing supports reading and reading development

...They also are vital ways of improving your reading skills overall. Reading and writing are academic skills, to be sure. They are success skills for life.

K. Maheswary Meena
CT, 202110,
Sankar Polytechnic College

The Person I was Amazed To See Is Indian Army Soldiers.

Indian soldiers are one of the greatest assets of our country. They are the guardians of the nation and protect the citizens at all costs. Moreover, they are a very selfless lot who put the interest of the country above their personal interest. A soldier's job is one of the toughest things to do in the world. They are supposed to fulfill challenging duties and possess exceptional quantities to become a great soldier. However, their lives are very tough. Nonetheless, they always fulfill their duties despite the hardships.

Duties of Soldiers :

A country sleeps peacefully as the soldier performs its duties. The first and foremost duty of a soldier is to serve their country without any selfish motive. A person usually joins the army out of love for his motherland and to protect it. Even though they know they will have to face numerous problems, they still do so for their country.

Furthermore, a soldier safeguards the honour of his country. They do not step back in the face of adversaries instead they give their best. It does not matter if they have to give their life for the country, they are willing to do so happily. Besides, soldiers also have to be alert at all times. He is never off duty, whether he is sleeping or on

On the battlefield, he stays vigilant throughout. Most importantly, a soldier's duty is to maintain the peace and harmony of the country. He takes on the responsibility of ensuring a safe environment for all. In addition to guarding the border, they also always there in case of emergencies. They learn how to handle every situation carefully whether it is a terrorist attack or natural calamity. In other words, the local authorities need them to bring the situation under control.

Challenges Faced By Soldiers :

Being a soldier is not easy, in fact, it is one of the most challenging things to do. Their lives are full of hardships and challenges which no ordinary person can survive. Firstly, they spend a great deal of time away from their loved one. It disturbs them emotionally and they do not even get any holidays. Even in festivals, they are busy in safeguarding the nation.

Similarly, soldiers have to undergo rigorous training to become fit to fight battles. It becomes to exhausting and physically challenging, but they still go on. To make it worse, they do not even get an adequate amount of supply to lead a normal life. sometimes, the food rationing is low, the other times they get posted in remote areas without any signal. Subsequently, they also have to make do in the harshest of weather conditions. It does not matter if it is scorching hot or chilling cold, they have to be out on the battlefield. Similarly, they do not even get enough bulletproof equipotent which will keep them safe. Thus, we see

What a challenging life our soldiers lead to protect their country.

Hats off to the great heroes serving us at the borders, day and night, be it summer or winter without even thinking of their family and loved ones, serving their country for they are love Indians. We actually don't even bother to think about them. The only time we actually think is when we come to know that one of them has passed away during an attack. In fact we should be grateful to them. The sad part is they live for us but if something happens to them it is a loss for their family alone not for any others, that how we treat it.

Indian army is the true mark of patriotism in our country. They guard our country across different neighbours need to protects its borders as innumerable points and it is only due to our Indian army that we all sleep peacefully and carry out our tasks without any fear. We need to respect them and their families.

I proud to be an Indian. A big salute to them and I use this opportunity to thank them for all their favours.



**“ No Life Without Sun
No Nation Without Army”**

P. Navin
II year EEE-'A'

SOCIAL WORKS OF OUR STUDENT



A. Pushparaj
III year Mech