



**SANKAR POLYTECHNIC COLLEGE(AUTONOMOUS)**

**SANKAR NAGAR 627357**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**



**TECHNICAL MAGAZINE**

**2022-2023**

### **Principal's Message:**

With great pleasure, I announce the publication of the annual departmental magazine from Sankar Polytechnic College's Department of Electrical and Electronics Engineering. "Learning is a continuous process from the minute we are born, until we die." With the use of magazines, Sankar Polytechnic College gives each student a platform to improve his learning abilities. The significant milestones our College has reached this year will become clear to you as you scroll through the contents. Also, the creative expression of our emerging talents' ideas, thoughts, feelings, aspirations, and convictions has been demonstrated. his publication ought to be a useful resource for instructors and upcoming students looking for advice on what to do to further their careers. I give the Computer Technology Department's head, both teaching and non-teaching staff, editorial board, and students credit for producing this version of the magazine, 2023–2024. Best wishes for you.

### **Administrative officer's Message:**

Our society is reflected in the mirror of our educational system. The technological world of today is growing at the speed of thought and has created a plethora of excellent possibilities. The ability to create new ideas and see past the apparent is enhanced by perfection and quality in the educational sector, which is essential for success in the technological age we live in today. The institute's main goal is to develop energetic, youthful students into professionally trained technocrats who are prepared to take on societal concerns. Our goal was to increase personnel in order to advance the nation. I hope that every student has an extremely bright future and a successful, energetic existence.

### **HOD's Message**

I'm happy to hear that the Electrical and Electronics Engineering department is publishing its technical journal for the current academic year. This technical information is beneficial for students as it develops their secondary skills. Co-curricular and extracurricular activities, in addition to academic brilliance, round out the educational process. I hope the Electrical and Electronics Engineering Association has great success in all of its endeavours. I admire the efforts and collaboration as well. I consistently offer the EEE Department my best wishes and blessings.

God grant me the fortitude to see this department and the college prosper!

### **Vision:**

- To develop industry – ready and socially Responsible Electrical Engineers.
- Develop Electrical and Electronics Engineers globally to provide technical support and solutions to the industry and society.

### **Mission:**

- Developing an Electrical Engineering curriculum in tune with the industry and society
- Instilling Energy conservation habits in society
- Training students to work in diverse conditions
- Adapting the latest techniques in engineering for enhancing the quality of education through the training of staff and students
- Modernize laboratories for employable skill development

### **Statement of PSOs**

**PSO 1:** Apply the knowledge in the field of electrical and electronics engineering to analyse, design and develop solutions for real world problems.

**PSO2:** Demonstrate the skill in core and allied domain to work in interdisciplinary teams.

**Editorial Board:**

Chief Editor : Mr. I. Saravanan, HOD/EEE

Faculty Editors : Mrs. V. Vimala, Lect/EEE  
Mr. K. Pattu, Lect/EEEStudent Editors : Mr. Mohamed Irsath SM  
Mr. Ramkumar G**CONTENTS:**

- ❖ Faculty activity
- ❖ Placement
- ❖ Higher studies
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- ❖ NSS
- ❖ Student's library activity
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- ❖ Student's articles

**FACULTY ACTIVITY:**

NAME OF THE FACULTY	FDP TITLE	VENUE	DURATION
Dr. S. Sudha Ponnarasi	Deep Learning	Army Institute of technology	Two weeks(09.01.2023 to 20.01.2023)

**Placement:**

83 students of our department have placed in a reputed companies.

SI.NO	NAME OF THE STUDENTS	COMPANIES
1	SIVA SATHISH. E	INDIA CEMENTS LIMITED
2	SUDALAI MUTHU. T	
3	MADASAMY. G	
4	JEGANATHAN. M	
5	CHITHRAIVEL. T	ASHOK LEYLAND
6	NAVEEN. M.K	
7	GOPALAKRISHNAN. R	
8	KALAI SELVAN. N	

**Higher****studies:**

Sl.No.	Name of the Student	Name of the college
1	MOHAMED IRSATH S M	GCE, Tirunelveli
2	MOHAMED SAHUL HAMEED H	ANNA UNIVERSITY CEG, GUINDY
3	MUKESH M M	
4	MUTHU SELVAM P	FX Engineering College
5	ESAKKI M	
6	KATCHI MOHAMED M	
7	ABDUL RAHIM M	
8	MOHAMMED SAADULLAH M	
9	SUDALAI VISWA M	
10	NARAYANA SUNDAR P	KARPAGAM ENGINEERING COLLEGE



# NATIONAL CADET CORPS

S.NO	Reg.No	Name of the Student	Year	Camp Name	Venue	Duration
1	213201	ALOYSIUS J	III	CATC-CUM-IUC-RDC	NTA, IDAYAPATTI	15 July 2022 to 24 July 2022
2	203115	KALAI SELVAN N				
3	213205	GOWTHAM KUMAR P				
4	223109	DEEPAK KARTHIKEYAN D	I	CATC-CUM-IUC-TSC		17 May 2023 to 26 May 2023
5	223139	SOLOMON RAJ R				
6	223104	ALEX M				
7	223143	SUNDAR G				
8	223119	KALIRAJ R				
9	223116	GUNA U				
10	223144	SURESH N				
11	223108	BALAMURUGAN R				
12	223131	PRAKASH KUMAR M				
13	223139	SOLOMON RAJ R				Firing
14	213122	MANO SELVAM M	II	CATC-CUM-DTE-RDC TRG III	25 Nov 2022 to 02 Dec 2022	
15	213118	KARVIN I				
16	203115	KALAI SELVAN N	III	AP TREK 1	Tirupati	18 Sep 2022 to 25 Sep 2022



## NATIONAL SERVICE SCHEME

Academic Year	Unit	Students Enrolled	Total Students Enrolled
II	1	2	2
II	2	24(including one expired)	23
I		26	26



## STUDENT'S LIBRARY ACTIVITY

Sl.No	Name	Academic Year	Programmes attended	Organized by	Duration	Symposium / Workshop	Achievement
1	Jafrin Peerkhan J	II	Paper Presentation	Library and Academic Library association, SPC	24.03.2023	seminar on ICT for empowerment	Consolation Prize
2	Praveen Kumar V S						Third Prize
3	Mukesh Manikandan S						First Prize
4	Maharajan T	I					Consolation Prize
5	Mohamed Harees A						Consolation Prize

**SEMINAR ON ICT FOR EMPOWERMENT:****READER'S FORUM:**

Sl.No	Name	Academic Year	Programmes attended	Organized by	Duration	Venue
1	Subramanian G	III	Reader's program	NDLI club and library club	22.09.22	SPC Library
2	Chithiraivel T					

**EXTRACURRICULAR ACHIEVEMENTS:****1. JafrinPeerkhan J - 2023 Batch**

<b>Art from waste</b>	Minthoondal 2k23, Thamirabharani Engineering College	First Prize
<b>Start up Technical Quiz</b>	Minthoondal 2k23, Thamirabharani Engineering College	Participation Certificate
<b>Paper Presentation</b>	C Magnet 23, St.Mother Theresa Engineering College	Participation Certificate

**2. Praveen kumar V.S - 2023 Batch**

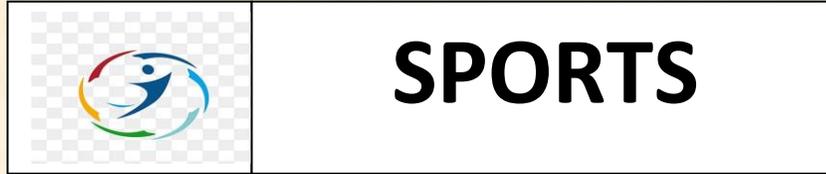
<b>Paper Presentation</b>	Minthoondal 2k23, Thamirabharani Engineering College	Second Prize
	C Magnet 23, St.Mother Theresa Engineering College	Participation Certificate

**3. Mukesh Manikandan S- 2023 Batch**

<b>Paper Presentation</b>	Minthoondal 2k23, Thamirabharani Engineering College	Participation Certificate
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#### 4. Maharajan T- 2023 Batch

<b>Paper Presentation</b>	C Magnet 23, St.Mother Theresa Engineering College	Participation Certificate
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RAJAVEL PERUMAL M	<b>Cricket</b>	Sankar Polytechnic College,Sankar Nagar	Runner
SUNDAR G			Winner
VELDOSS S	<b>Carrom</b>	Sankar Polytechnic College,Sankar Nagar	Fourth Position
		PSG Polytechnic College,Coimbatore	
MURUGESAN S	<b>Chess</b>	Sankar Polytechnic College,Sankar Nagar	Participation
MAHARAJAN T			
SURESH N			
PRAKASH KUMAR M			
KRISHNA M	<b>Badminton</b>	Sankar Polytechnic College,Sankar Nagar	Participation
SANGAR MAADHESH G			Participation
GOPALA KRISHNAN G	<b>Athletics</b>	Sankar Polytechnic College,Sankar Nagar	SecondPosition in 800m
RAJAVEL PERUMAL M			First Position in 400m
SURESH N			First Position in 100m

#### STUDENTS PRIZE DETAILS:

RAJAVEL PERUMAL M	<b>Cricket</b>	Sankar Polytechnic College,Sankar Nagar	Runner
SUNDAR G			Winner
VELDOSS S	<b>Carrom</b>	Sankar Polytechnic College,Sankar Nagar	Fourth Position
		PSG Polytechnic College,Coimbatore	
GOPALA KRISHNAN G	<b>Athletics</b>	Sankar Polytechnic College,Sankar Nagar	SecondPosition in 800m
RAJAVEL PERUMAL M			First Position in 400m
SURESH N			First Position in 100m
PRAVEEN KUMAR V S	<b>Paper Presentation</b>	Library and Academic Library association, SPC	Third Prize
MUKESH MANIKANDAN S			First Prize
MAHARAJAN T			Consolation Prize
JAFRIN PEERKHAN J			
MOHAMED HAREES A			
JAFRIN PEERKHAN J	<b>Art from waste</b>	Minthoondal 2k23, Thamirabharani Engineering College	First Prize
PRAVEEN KUMAR V S	<b>Paper Presentation</b>	Minthoondal 2k23, Thamirabharani Engineering College	Second Prize
SOLOMAN RAJ R	<b>FIRING</b>	NTA,IDAYAPATTI	Third Position

## STUDENT'S ARTICLE

### 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 \* Strengthens of brain
- \* Increase empathy \* Builds vocabulary
- \* Reduce stress \* Aids sleep
- \* Prevent cognitive decline\* 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. \* Improve vocabulary, creativity.
- \* Provide inspiration , perspective. \* Helps you to make friends.
- \* Fun to read. \* Helps you improve your professional life.
- \* Help you build discipline. \* Improve your writing skill.
- \* Make you rich

**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)**

**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 soldiers 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 through they know they will have to face numerous problems, they still do so for their country.

Furthermore, a soldier safeguard's 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 distribs 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**

# Photo gallery:

