



# TAPROOT GROUP OF COLLEGES



**IGNITING  
YOUNG MINDS**

THROUGH  
ACADEMIC EXCELLENCE

## ABOUT COLLEGE

The objective of Taproot Group of Colleges is to develop scientists, engineers, technologists, and business leaders of tomorrow. It is a youthful, energetic, and vibrant educational institution. Taproot Colleges belong to a network of colleges that have already produced several top performers in competitive exams as well as Pre-University board exams. The institution focuses on the holistic, well-balanced development of each student which not only reduces stress on students but at the same time improves efficiency and efficacy in performance.

Many of our students have gone on to enroll in the top engineering schools, including NIT Surathkal, RV College of Engineering, PES University, and others. Best-in-class coaching for the CA foundation is provided to commerce students along with training in Tally. Dynamic industry-relevant programs are introduced to help students build sustainable careers.

## VISION

Igniting and moulding young minds by offering top-notch educational programs responsive to community needs. Thus helping our students meet economic, social, and environmental challenges to create **YOUNG GLOBAL INDIANS**.

## MISSION

- Outstanding teaching and excellent student care.
- Motivate students to inculcate positivity in their approach towards challenges.
- Promote scholastic research.
- Provide a conducive atmosphere for comprehensive learning.
- Equip students with relevant skill sets to achieve desired career growth.

## 5 PILLARS OF TAPROOT

### Academic

#### ○ Excellence

Nurturing students to achieve academic excellence through innovative teaching methods



### Best-in-class

#### ○ Infrastructure

World-class infrastructure to support academic and co-curricular activities



### Safe

#### ○ Campus

Ensuring the safety of every child on campus through comprehensive security measures



Learning beyond classrooms through extra-curricular activities to ensure all-round development

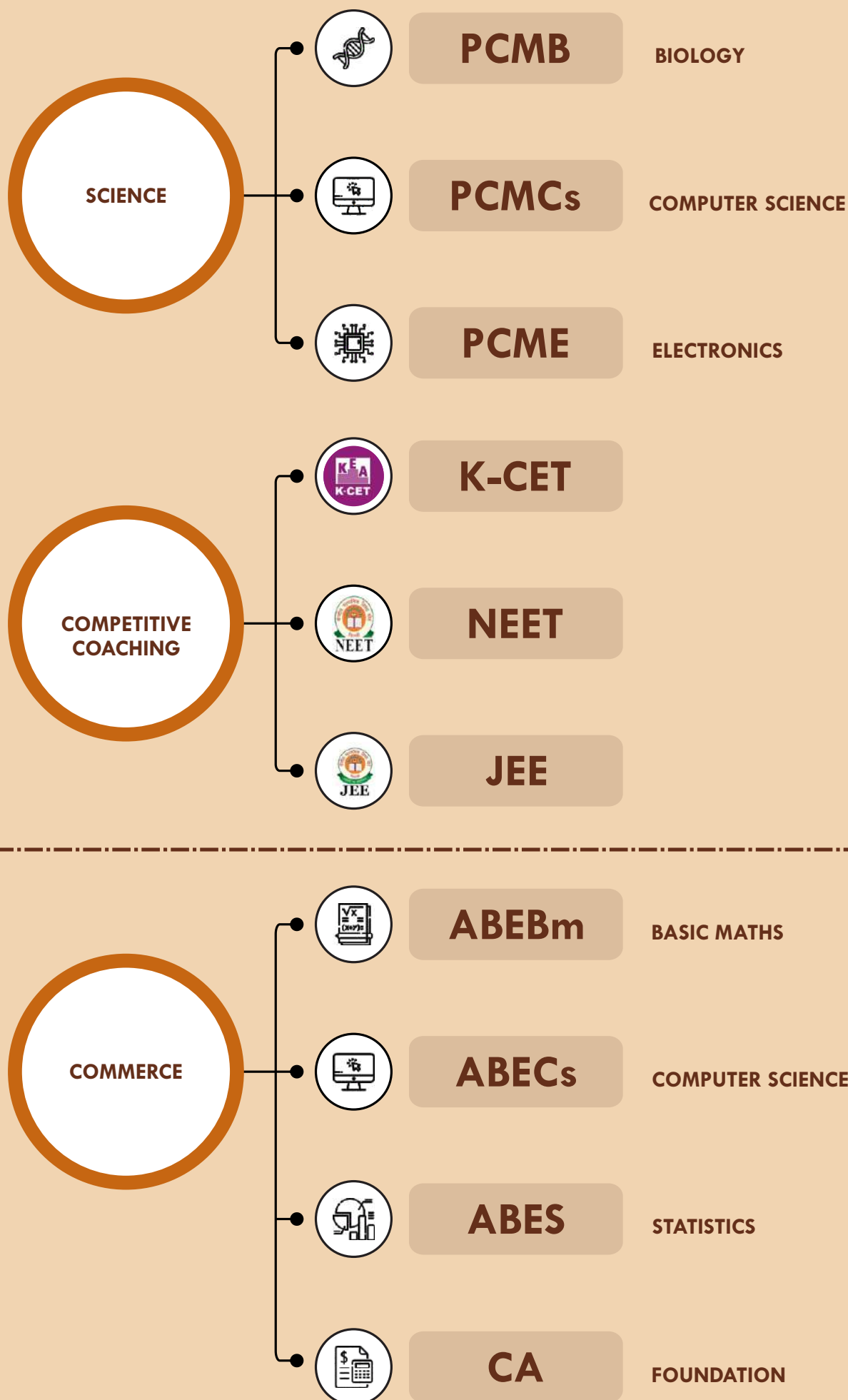
#### ○ Holistic Development

Expert and experienced teachers who provide personal attention to each student

#### ○ Personal Attention



## OUR PU COURSES



### ACADEMIC INNOVATION



- Day-wise micro schedule
- Study material cum workbook
- Mind map for each topic
- Competitive exam booklet



- Periodic test for all subjects
- Periodic test for MCQ



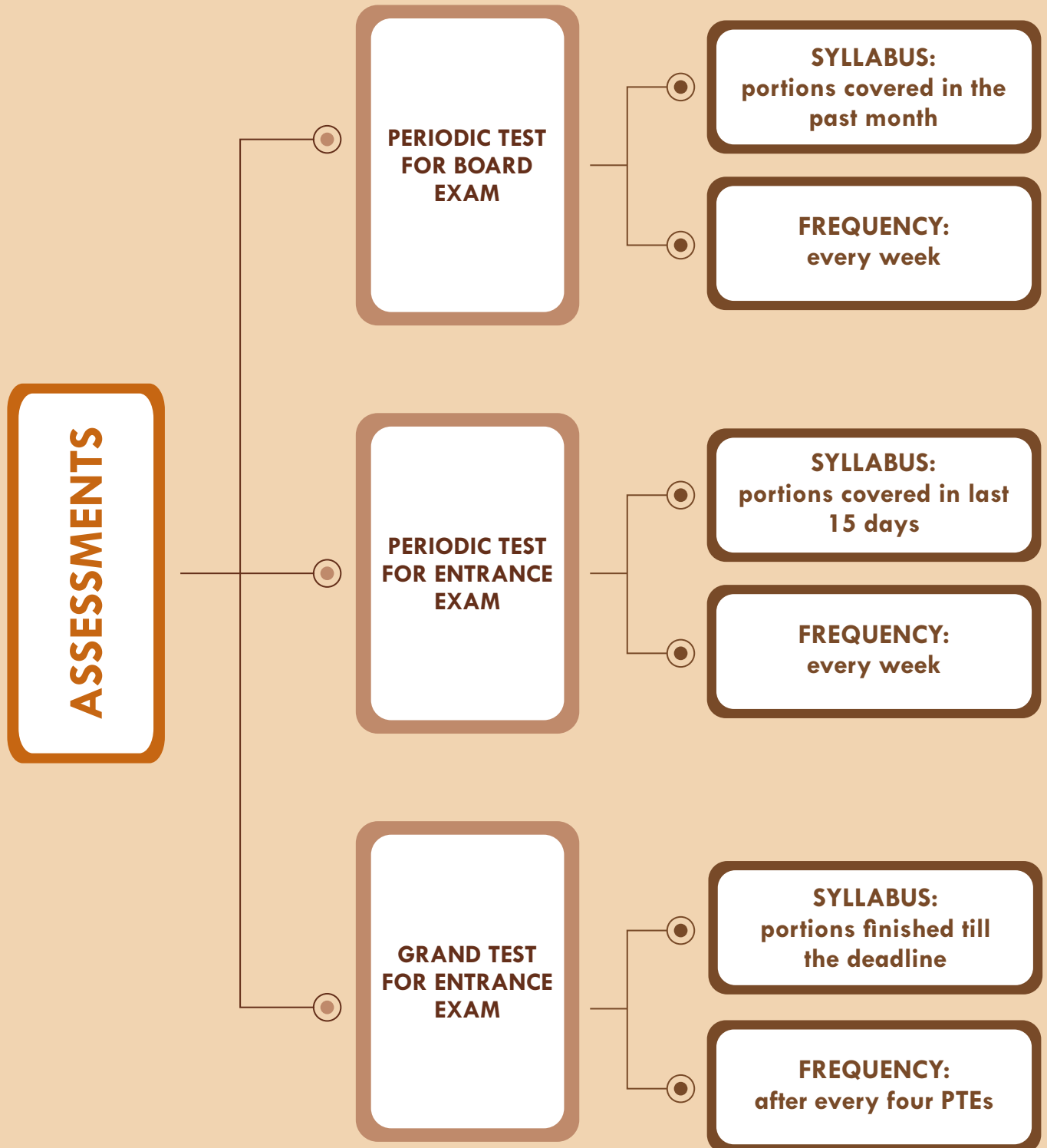
### ASSESSMENT



### RESULT ANALYSIS



- Communication to parents via "Let's Eduvate" app
- Quarterly counseling by academic mentors



### HIGHLIGHTS:

- 140+ MCQ tests and theory tests for competitive and board exams
- 30+ mock exams on entire syllabus
- 5 preparatory exams for II PUC

## WORK BOOK PATTERN

Solutions

83

### FREQUENTLY ASKED QUESTION'S

1. Define molality

Ans:

2. State Henry's law

Ans:

3. At given temperature and pressure,  $N_2$  gas is more soluble in water than 'He' gas which one of them has higher value of  $K_H$ .

Ans:

4. What are Azeotropes or Azeotropic mixtures?

Ans:

5. Define mole fraction and give the equation to calculate it.

Ans:

6. Define the term solubility of a substance.

Ans:

7. Mention the factors affecting solubility of gas in liquid

Ans:

8. What are ideal solutions?

Ans:

9. What are non-ideal solutions?

Ans:

Theory of Consumer Behaviour

35

III. Match the following

A	B
1. Demand curve	a) $D(p) = a - bp$
2. Linear Demand curve	b) Downward sloping
3. Unitary elasticity of demand	c) Pen and ink
4. Complementary goods	d) A family of Indifference curve. e) $[ed] = -1$
5. Indifference map	

IV. Answer the following questions in a sentence or a word:

1. What is budget line?

Ans:

2. What do you mean cardinal utility analysis?

Ans:

3. Give the meaning of marginal utility.

Ans:

4. What is utility?

Ans:

5. Expand MRS.

Ans:

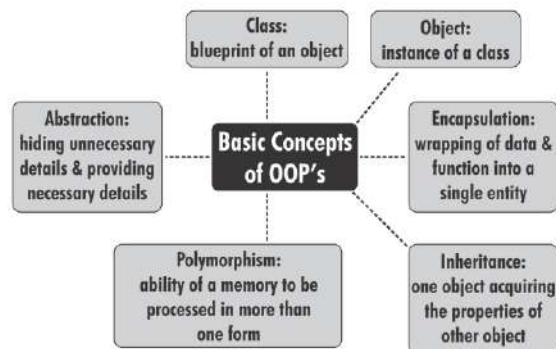
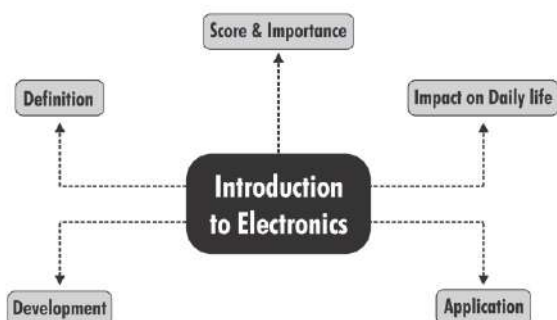
6. What do you mean by indifference curve?

Ans:

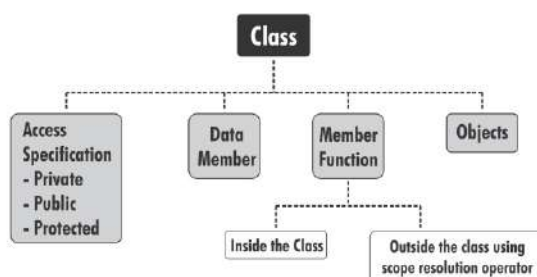
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## MIND MAPS

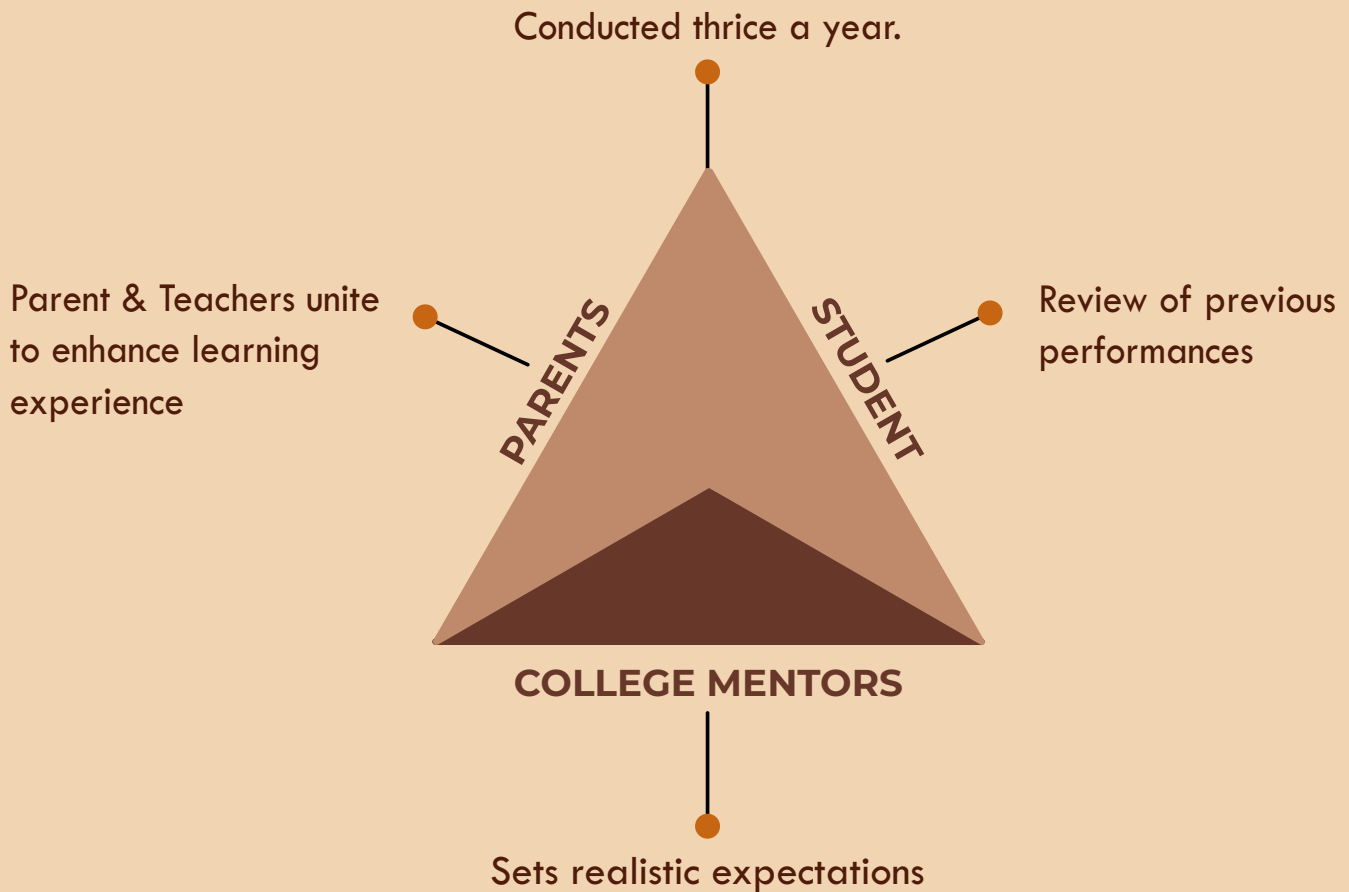
### Introduction to Electronics



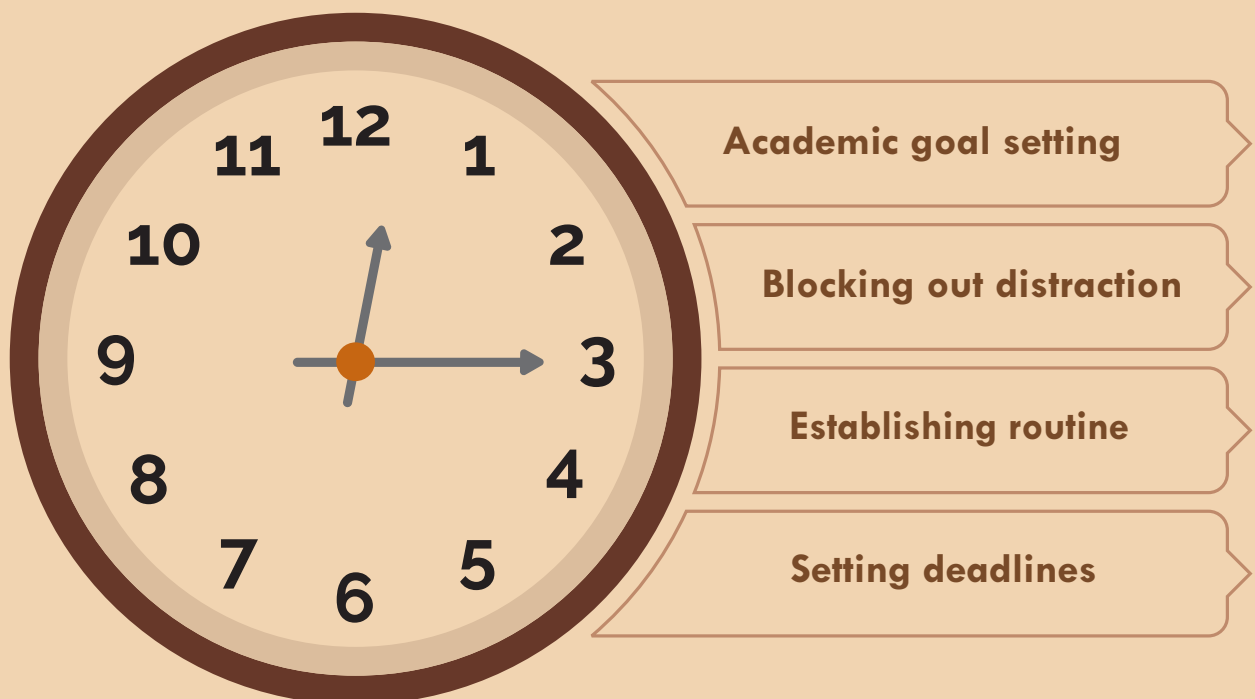
### Classes & Objects



## PARENT-TEACHERS MEETING



## TIME MANAGEMENT TECHNIQUES









## CULTURAL & LANGUAGE CLUBS



## SPORTS & GAMES



# OUR PROUD ACHIEVERS - 2022



**RAJESHREE Y**  
593 | 98.83%



**KEERTHANA S**  
590 | 98.33%



**SUSHMITHA S**  
588 | 98%



**HARSHITH**  
581 | 96.83%



**BRUNDA RAJ**  
580 | 96.67%



**SHRAVANI**  
576 | 96%



**SHREYA**  
572 | 95.33%



**DINESH**  
569 | 94.83%



**ANJALI C**  
569 | 94.83%



**PREKSHA**  
567 | 94.5%



**DARSHAN T**  
566 | 94.33%



**VENKATESH**  
562 | 93.66%



**AKSHAY S K**  
561 | 93.5%



**SNEHA**  
556 | 92.66%



**SUDARSHAN**  
551 | 91.83%



**CHANDRIKA**  
551 | 91.83%



**VINAYAKA S**  
549 | 91.5%



## CONGRATULATIONS

TO OUR PROUD II PU ACHIEVERS - 2022



## ACTIVITIES



**Best out of waste**



**Cooking without fire**



**Face painting & mehendi**



**Collage & pencil sketch**



**Intercollegiate dance**



**Intercollegiate sports**



**Interclass competitions**



**Inspire series**



**NCC, Scouts & Guides**



## OUR DIRECTOR



**Prof. Sridhar S**

Prof. Sridhar S is an eminent academician and the director of the Taproot colleges across Karnataka. He is an accomplished author and mathematics professor with over 25 years of expertise. He has conducted numerous seminars on **"Career Guidance"** in many prestigious schools and colleges impacting the lives of thousands of students. Prof. Sridhar is a leader par excellence. Under his supervision, **MIPUC, MIMS, SMMPU, and Taproot Colleges** are on the path of exceptional growth. His vision has bolstered the institutions, inspired the students to thrive and obtain top rankings, accolades, and centum.



**MANGALORE PU COLLEGE**  
Ullal Main Road

## TAPROOT GROUP OF COLLEGES



**TAPROOT PU COLLEGE**  
Yelahanka New Town



**TAPROOT PU COLLEGE**  
CV Raman Nagar



**SMM PU COLLEGE**  
Bidar



## TAPROOT GROUP OF COLLEGES

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