



MEDHA UPADARSHAK

(A COLLEGE MAGAZINE)

PREPARED BY: EXTENSION ACTIVITY STUDENTS

G. Pulla Reddy Engineering College (Autonomous)

Kurnool

Read and Gain
Knowledge

LET US TUNE TO COLLEGE BULLETIN

NEED TO UPDATE

GET ANSWERS ,HURRY!

PICK IT UP FROM CAREER BUZZ

STOP ! TAKE A BREAK

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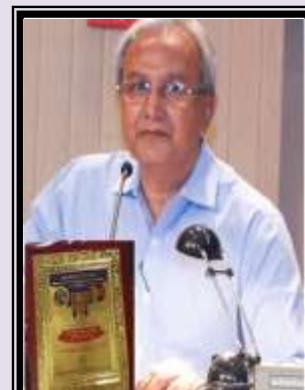
LET US TUNE TO COLLEGE BULLETIN

The founder of G.Pulla Reddy Engineering College is Late **Sri G.PullaReddy** Garu, the renowned philanthropist and humanist. Our college was inaugurated by the world's famous ophthalmologist, Padmabushan **Dr.P.Siva Reddy** Garu, on 22 February 1985. It has been functioning as an autonomous institution since 2006. It is approved by All India Council of Technical Education New Delhi and accredited by National Assessment and Accreditation Council of UGC with top grade **A**. Our college got so many awards, achievements and is one of the best colleges in Andhra Pradesh.



Late Sri G.Pulla Reddy Garu
Founder Chairman
(1921 - 2007)

Our director Dr.P.Jayarami Reddy received "**LIFE TIME ACHIEVEMENT**" award from ISTE. Our director received this award for his great service for over 30 years in the Engineering field.



Let us have a glance at Udaan , The Sports & Cultural Fest.

On the occasion of **Udaan** our college has conducted sports and games from **16 January 2017 to 20 February 2017**.

- Overall championship in games – **Mechanical Department**
- Women Athletic Champion –**S.MOUNIKA , I CE**.
- Men Athletic Champion – **RAVI TEJA , II EEE**.

Smart India Hackathon 2k17:

Our Central government is conducting smart India Hackathon 2K17 contest. In this contest two teams from our college were promoted to Grand finals.

They are :

Team 1: APPSTERS

Shaik Mohammed Touseef (II CSE) Team leader, K.Anitha ,T.Shelsy Royal ,U.Dinesh ,T. Akhil Bharadwaj , Y.Sai Harika
This team participated in **Smart India Hackathon 2k17** at Bhopal on 1st and 2nd April, 2017

Team 2: PATRIOTIC CODERS

T.Yochan Sandesh (II CSE) Team leader , A.I. Akshita , P. Snehita Reddy , P.Hussain , V.Lavanya Lakshmi , C.Pooja Reddy
This team participated in **Smart India Hackathon 2k17** at Trivendum on 1st and 2nd April, 2017

Women's Cell in GPREC:

To eradicate the problems of girl students in GPREC a forum named Women's Cell was started. This forum comprises ladies staff members who play main role in guiding every girl student in the college and some girl students are acting as volunteers. They both strive hard for the development of girls in every field on and off campus.

On the occasion of Women's day held on March 8, many programmes were conducted on behalf of Women's Cell. Women's Cell & IEEE (WIE) jointly organized STAR program (Awareness program for school children) at Pasupala School on 4th March, 2017. The motto of this STAR Program is to bring awareness among the students about the importance of education in girl's life.

On international women's day, a function was held. Deepa Alex who is an alumna of ECE Department in GPREC, was the chief guest for this function. In this function, many girl students were awarded for their active participation in various programmes conducted by Women's Cell.

- **By Mounika, II – SEM, CE**



TRY NOT TO BECOME A MAN OF SUCCESS BUT RATHER TRY TO BECOME A MAN OF VALUE

AN UNKNOWN PLACE:

We are aware of so many places which are unique for their features. This is one of such unique places. Let us have a look at North Sentinel Island.

NORTH SENTINEL ISLAND

(The Last Known Isolated Tribe):

In the world of rapid urbanization, we often assume there are no tribes left isolated without any contact with the world outside. But the Sentinelese people who inhabit the tiny island of North Sentinel that is part of the Andaman group of islands in Bay of Bengal are living proof to the contrary.

This island belongs to the **South Andaman administrative district**, part of the Indian Union Territory of Andaman and Nicobar Islands.

This island is circled by spectacular clear sapphire water, a secure ring of submerged coral reefs and completely covered by a thick mangrove jungle that ends at the powdery white beaches. This outcast paradise is surrounded by more mystery than any science fiction film.

Approximately the size of Manhattan, this remote land is home to the Sentinelese Tribe, the most dangerous tribe in the world.

The **North sentinel island made headlines** in 2006 after the tribal murdered two fisherman who had illegally approached the island. When someone wanders to their island, (like that happened for two fishermen on January 26, 2006) they relentlessly murdered them. So protective are the Sentinelese of their territory that an Indian coastguard helicopter that attempted to retrieve the fishermen's bodies, which had been tossed into shallow beach graves after being killed was greeted by a valley of arrows from the tribesmen that prevented the craft from landing. After the incident, a 3 mile zone has been imposed around the island and the sentinelese have since kept a low profile. The Indian government, who previously tried to establish a relationship with the tribe, have stopped all attempts to make contact. To this day, **very little is known about the islanders**. An estimate suggest around 300 members remain on the island, however the mystery remains as to what really exists deep inside the island.

In recent months fears have begun mounting that plans for a tourism boom beyond neighboring Andaman and Nicobar islands may reverse this and pose a threat to all four Andaman tribes. The Barefoot resort made headlines that they were building very close to the Jarawa reserve in an area that the **Jarawa** tribe call home, and perhaps the only space left between the Sentinelese and civilized society.

According to the **Survival International** hundreds of tourists continue to pass through the Jarawa reserve on a daily basis. Supreme court called for the closure of Andaman Trunk Road, which brings hundreds of vehicles. Survival international also announced that authorities of India's Andaman Islands have failed to end human safaris to the vulnerable Jarawa tribe by their self imposed deadline of 2015 by March. The island administration has made some positive steps towards taking tourists off illegal road that runs through the Jarawa reserve, progress on the alternative sea route has been painfully slow.

In 2013, the Andaman authorities promised to Supreme Court that they would introduce an alternative route by this summer, but they have missed their deadline still it is not started.

For more information: Refer Youtube, " **The Strange Mystery of North Sentinel island**" - By Nanditha, II-SEM, CE

Do you Know:

- The **Dal lake** in **Kashmir** is home to India's first **Floating post office**, it is the heritage and historical post office from the time of British. It was called as "Nehru Post office" before 2011.
- **Bandra Worli Sealink** has steel wires equal to the earth's circumference. It took a total of 2,57,00,000 man hours for completion and also weighs as much as 50,000 African elephants. A true engineering and architectural marvel.
- Water on the moon was discovered by India. In September 2009, India's ISRO Chandrayaan- 1 using its Moon Mineralogy Mapper detected water on the moon for the first time.
- **Science day** in **Switzerland** is dedicated to Ex-Indian President, **APJ Abdul Kalam**.
- India is the world's **second-largest English speaking** country.





NEED TO UPDATE

You're looking down in the mouth. Why, what's the problem Grandpa?

You are so lucky my boy, you have flight to cross continents overseas, mobiles for instant response and information, televisions and smart phones for entertainment. I am dejected because I am old to enjoy and feel this ever growing flavor of technology. Day by day technology is growing in its size and shape. In my childhood it was in the stage of embryo. Now to my knowledge technology reached its adolescent early and still holding its age constant with developing.

Grandpa you want to know technology revolution. So let me have glance towards the new gadgets and make you feel that it is im possible to enjoy it, because you are old now.

Tesla Auto Pilot:

Elon Musk's electric car company sent its cars a **software update** that suddenly made autonomous driving a reality. The car has a dozen ultrasonic sensors discretely placed around both bumpers and sides. It also consists of a camera a front radar and digitally controlled brakes to help avoid collisions essentially allowing the car to take over and stop before crashing

The car could manage its speed, steer within and even change lanes and park itself. Some of these features like automatic parallel parking, already offered from other companies including BMW but the self-steering was suddenly a giant leap towards full autonomy.



Break Through:

A car that drives itself safely in a variety of conditions.

Why it matters:

Car crashes caused by human error kill thousands of people a day world wide. These cars can overcome accidents to reach home safely.

Key Players in autonomous driving cars

General motors, Tesla Motors.

Atmospheric Water Generators:

As the global water crisis worsens in the years to come and today with four billion people globally experiencing dirty or scarce drinking water, our water generating technologies will help reduce the water borne diseases and water shortages affecting tens of millions of people.

The watermill WM-200 leads the evolution of atmospheric water generators. Engineered for simple installation, ease of use and maximum water generation from air, the Water Mill WM-200 provides clean and safe drinking water 24 hours a day in appropriate environments.

Performance of atmospheric water generator is dependent upon the temperature and humidity of the machine's environment.

Power Source Compliance- On or off the grid:

The Water Mill system has been engineered to be as efficient as possible, compliant with any power source on or off the grid. Look for element four systems that run on solar or wind power in the near future.

For best Results:

Atmospheric water generator performance is dependent upon the **temperature and humidity** of the machine's environment. Temperature should be between 25 and 40 degrees Celsius. Humidity should be above 60%. Johathan Ritchey has invented the Watermill, which is an atmospheric water generator. It converts air into fresh water.

This latest technology invention produces fresh water at a cost of about 3 cents a liter (1 quart). Originally designed for areas that do not have clean drinking water, the watermill is for households that prefer an eco-friendly, cost effective water to bottled water. Atmospheric water generators convert air into water when the temperature of the air becomes saturated with enough water vapour then it begins to condense (dew point). "What is unique about the watermill is that **it has intelligence**". This makes the appliance more efficient. It samples the air every 3 minutes to determine the most efficient time to convert the air into water. It will also tell you when to change the carbon filter and will shut itself off if it cannot make pure clean water

- **By Madhu Vardhan, Santosh, II-SEM ECE and Shireesha, II-SEM CSE**

If you have a Smart Phone try this:

- **Photomath** App lets you take a picture of any math problem and get an immediate answer. It walks you through the steps to get to that answer, as well, making it a good learning tool.
- If you are looking for mind tricks questions or mind games quiz for brain exercise here is an app – **Mind Tricks Questions**
- Check whether your **remote's batteries are dead** when it stops working. Your Smartphone's camera is indeed sensitive to IR radiation. The infrared beam emitted when a button is pressed will show as white or purple light in your camera app. You can use this trick to check if a remote control's batteries are dead when it stops working.
- You can use your Phone camera as Web cam for your computer through this app **Droid Cam**. All you need is client app in computer and droid cam app in mobile

Facts about Mobiles:

- The first Mobile Phone call was made on April 3rd 1973.
- The first Smart phone was made by IBM in 1994. So Smart phone is 23 years old.

SUCCESS IS NOT THE KEY TO HAPPINES, HAPPINESS IS KEY TO SUCCESS

GET ANSWERS , HURRY!



General Knowledge & Current Affairs:

- (1) At present how many countries are as members in U.N.O?
 (a) 182 (b) 184 (c) 193 (d) 191
- (2) "One Day Wonders" was written by
 (a) Ravi Shastri (b) Vivian Richards
 (c) Sunil Gavaskar (d) Kapil Dev
- (3) Who is called as "Man of Peace" in India?
 (a) Ashoka the Great (b) Gandhi
 (c) Nehru (d) Lal Bahadur Shastri
- (4) "Chipko movement" in India is related with
 (a) Soil Conservation (b) Water Conservation
 (c) Conservation of forests (d) Conservation of coal
- (5) "Wimbledon Trophy" is associated with
 (a) Football (b) Table Tennis
 (c) Lawn tennis (d) Hockey
- (6) Who pioneered the modern nursing system?
 (a) Florence Nightingale (b) Mother Teresa
 (c) Greta Garbo (d) None of these
- (7) Petrology is the science of
 (a) Rocks (b) Petrol
 (c) Parents relations (d) A and B
- (8) Dhanvantari's name is associated with
 (a) India medicine (b) Sanskrit poetry
 (c) Sanskrit grammar (d) classical music
- (9) India's first indigenously developed super-computer has been named as:
 (a) Param (b) Shakti
 (c) Dharam (d) Gati
- (10) The first Indian woman to climb Mt. Everest is
 (a) Sucheta Kripalani (b) Bachendri Pal
 (c) Anna Chandi (d) Ujala Rai
- (11) The saffron colour of our national flag signifies
 (a) faith & charity (b) Courage & peace
 (c) courage & sacrifice (d) truth and peace
- (12) The first Asian games were held at
 (a) Manila (b) Tokyo
 (c) Jakarta (d) New Delhi
- (13) Who was the author of a Telugu book **Amukthamalayada**
 (a) Harihara (b) Divaraya
 (c) Krishnadevaraya (d) Bukkaraya
- (14) In **B.C.G vaccine** the word "C" stands for
 (a) Calmette (b) cough
 (c) Chlorine (d) Cadmium
- (15) When was the office of **District Collector** created?
 (a) 1786 (b) 1772
 (c) 1771 (d) 1773
- (16) The Headquarters of **World Trade Organization** (WTO) is situated in
 (a) New Delhi (b) Geneva, Switzerland
 (c) London, UK (d) Washington, USA
- (17) Who invented the **Mobile Phone**
 (a) Tim-Berners-Lee (b) Raymond Samuel Tomlinson
 (c) Chuck Hull (d) Martin Cooper
- (18) Which Indian ruler fought "**The Kalinga War**"
 (a) Samudragupta (b) Chandragupta
 (c) Shivaji (d) Ashoka
- (19) Who has been appointed as the new **chief secretary of Maharashtra**?
 (A) Sumit Mullick (B) Kashish Nandan
 (C) Nirmal Gupta (D) Swadheen Kshatriya
- (20) **Alwin Francis** is associated with which sports
 (A) Cricket (B) Badminton
 (C) Tennis (D) Chess
- (21) The 2017 **International Yoga festival** has started in which state
 (A) Madhya Pradesh (B) Uttarakhand
 (C) Jharkhand (D) Bihar
- (22) Who has been appointed as India's permanent representative to World Trade Organization (WTO)
 (A) J S Deepak (B) G Latha Krishna Rao
 (C) N K Sinha (D) Pramila Ialan
- (23) Who has become the new **chairman of Securities and Exchange Board of India** (SEBI)
 (A) VK Jairath Magya (B) Atulesh Jindal
 (C) Gurumurthy Mahalingham (D) Ajay Tyagi
- (24) Who is the newly appointed **Prime Minister** of Republic of Sudan
 (A) Hassan al-Bashir (B) Hassabu Md Rahman
 (C) Bakri Hassan Salen (D) Md Ahmad
- (25) **Avani Lekhara** is associated with which sports
 (A) Boxing (B) Chess
 (C) Shooting (D) Cricket
- (26) What is the theme of 2017 **World Wild Life Day** (WWD)
 (A) Stop Wild Life Crime
 (B) Listen to the Young voice
 (C) The future of wild life is in all hand
 (D) It's time to get serious about wild life crime.
- (27) Which country to host 10th International Conference on Theory and Practice of Electronic Governance (ICEOV)
 (A) Brazil (B) Germany
 (C) France (D) India
- (28) Who is the author of the book "**Lincoln in the Bardo**"
 (A) Junot Diaz (B) George Saunders
 (C) Marie Claire (D) Zadie Smith
- (29) Which city to host the National Conference on **Jal Kranthi Abhiyan**
 (A) Lucknow (B) Bhopal
 (C) New Delhi (D) Jaipur
- (30) Which state government has recently gave official language status to endangered tribal language "**Kurukh**"
 (A) West Bengal (B) Assam
 (C) Madhya Pradesh (D) Rajasthan
- (31) What was India's rank in the international telecommunications union's ICR (Information and Communication Technology) development index 2016?
 (a) 93 (b) 103 (c) 113 (d) 138
- (32) Which of the following hosted the 2016 meeting of the leaders of Asia – Pacific Economic co-operation (APEC)
 (a) Santiago (b) Brasilia (c) Quito (d) Lima
- (33) Who among the following was appointed the new chairman of **National Highways Authority of India** (NHAI)
 (a) Raghav Chandra (b) Vishwapati Abhishek
 (c) Ramesh Abhishek (d) Yudhvir Singh Malik
- (34) Which of the following won the 2016 formula 1 **Brazilian Grand prix** at Sao Paulo?
 (a) Valtteri Bottas (b) Nico Rosberg
 (c) Jenson Button (d) Lewis Hamilton

(35) Which state launched a **Nashamukt** campaign to make the state addiction free?

- (a) Odissa (b) Kerala
- (c) Bihar (d) Goa

(36) Which bank recently launches the contact lens credit cards?

- (a) SBI (b) Punjab National bank
- (c) IDBI (d) RBI

(37) **Global Passport index** India rank?

- (a) 87 (b) 78 (c) 62 (d) 26

(38) Who among the following is the chairman of **Atomic energy commission**?

- (a) Sekhar Babu (b) Ratan Kumar
- (c) Srikumar Bannarjee (d) Shreyans Kumar Jain

(39) If $2+3=95$

$4+5=259$

$6+7=4913$ then

$8+9=??$

- (a) 8117 (b) 8112 (c) 8234 (d) 8156

(40) Which number should come NEXT in series 1, 3, 6, 10, 15, ?

series 1, 3, 6, 10, 15, ?

(41) Who was styled as the "**The Grand Old man of Britian**"?

- (a) Churchill (b) Bernard Shaw
- (c) William Gladstone (d) Samuel Johnson

(42) Who founded **Hindu Mahasabha**

- (a) Tilak (b) Jaya Prakash Narayan
- (c) Pandit Mlavya (d) Aurobindo Ghosh

(43) The line of demarcation between **India and China** is

- (a) Mannerheim line (b) Hindenburg line
- (c) Mc Mohan line (d) Durand Line

(44) In a code, CORNER is written as GSVRIV. How can

CENTRAL be written in that code?

- (a) DFOUSBM (b) GIRXVEP
- (c) GNFKER (d) GJRYVEP

(45) If in a certain language, NATURE is coded as

MASUQE, how is FAMINE coded in that code?

- (a) FBMJND (b) GANIOE
- (c) EALIME (d) FZMHND

(46) There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group. Which of the following is a group of brothers ?

- (a) ABD (b) ABF
- (c) BFC (d) BDF

(47) There are five books A, B, C, D and E placed on a table. If A is placed below E, C is placed above D, B is placed below A and D is placed above E, then which of the following books touches the surface of the table ?

- (a) C (b) B
- (c) A (d) E

(48) Three ladies X, Y and Z marry three men A, B and C. X is married to A, Y is not married to an engineer, Z is not married to a doctor, C is not a doctor and A is a lawyer.

Then which of the following statements is correct ?

- (a) Y married to C who is an Engineer
- (b) Z married to C who is Doctor
- (c) X married to a Doctor
- (d) None of these

Prepared by: Anusha , II-SEM CE, Sushma ,II-SEM ECE
Ganesh Naik, II-SEM ME and Lahari, II-SEM CSE.

Do you Know :

March 4 – International Safety Week

March 6 - World Spelling Day

March 8 – International Women’s Day

March 22 – **World Water Day**

Every 21 seconds a child will perish from a preventable waterborne illness. **World Water Day** is an annual event celebrated on 22 March. The day focuses attention on the importance of universal access to clean water, sanitation and hygiene (**WASH**) facilities in **developing countries** The day also focuses on advocating for the **sustainable management** of freshwater resources.

World Water Day was instituted in the year 1993 to build public awareness and involvement in protecting water resources around the world. The theme for World Water Day 2017 is wastewater management. The emphasis is treating and reusing wastewater from our homes, cities, industry and agriculture.

April 7 - World Health Day

April 14 – B.R. Ambedkar Remembrance day

April 21 – National Civil Service Day

April 22 – World Earth Day

* **Global warming causes mammals to shrink, says study:**

Will humans shrink now?

* **Indian scientists invent credit card sized ECG machine**

that costs just Rs 4,000

* **Tokyo is expected to remain the world's largest urban agglomeration in 2030, with Delhi and Shanghai maintaining their second and third positions, respectively**

* **India ranks 131 on Human Development Index: UN**

* **New 10 rupee notes made of plastic polymer coming soon: Old notes to remain valid**

* **5 new sub-atomic particles discovered that could change the way we view reality**

* **Fish eyes may help find cure for blindness in humans**

* **Bengaluru Gets India’s First Vertical Garden**

* **Upendra Tripathy Appointed As Director Of ISA**

* **Navy Successfully Test Fired Barak Missile From INS Vikramaditya**

* **New Chief Ministers:**

Uttar Pradesh : Yogi Adityanath (**BJP**)

Uttarakhand : Trivendra Singh Rawat (**BJP**)

Punjab : Capt Amarinder Singh (**Congress**)

Goa : Shri Manohar Parrikar (**BJP**)

Manipur : Biren Singh (**BJP**)

1 C	11 C	21 B	31 D	41 C
2 C	12 D	22 A	32 D	42 C
3 D	13 C	23 D	33 D	43 A
4 D	14 A	24 C	34 D	44 B
5 C	15 B	25 C	35 C	45 C
6 A	16 B	26 B	36 B	46 B
7 A	17 D	27 D	37 B	47 B
8 A	18 D	28 B	38 C	48 D
9 A	19 A	29 C	39 A	
10 B	20 B	30 A	40 21	

PICK IT UP FROM CAREER BUZZ

If your dream company is Google then follow these steps to get a job.

Becoming a Googler in three steps:

1. Apply:

Found a great role? Check out these tips before you apply

- Find your match

Match your skills and interests to jobs you're excited about and the problems you want to solve.

- Focus on your resume:

This is the first piece of information they will see about you, so highlight your achievements.

- How they review applications (and what happens next)

The qualifications listed in the job description are there to help you select the role that best fits your backgrounds and aspirations, so pay close attention recruiters review applications with these in mind.

2. Interview:

There are two types of interviews in their hiring process. Between each round, they gather feedback from your interviewers and determine next steps

- How it works;

Phone/Hangout interviews:

During phone or Google hangout interviews you will speak with a potential peer or manager. For software engineering roles, your phone/Hangout discussion will last between 30 and 60 minutes. For all other roles, your phone/Hangout discussion will last between 30 and 45 minutes.

Onsite interviews:

You will usually meet with four googlers- some potential team mates and some cross- functional for about 30 to 45 minutes each.

Throughout the interview process, feel free to ask your interviewers for clarification to make sure you fully understand their question Almost ready? Here are a few things you may want to know, based on what people often ask recruiters.

- What to wear: For most of their interviews, the dress code is casual. When in doubt, be yourself and wear what makes you comfortable.
- How to structure your interview answers; when answering questions it is important to show how you arrive at a solution.

3. Decide:

Their leadership reviews every successful application before you get your offer.

About the Process:

- Committee and executive review
- Your offer

If you want to Search for **notification of government job** then copy below link:

<https://www.fresherslive.com/govt-jobs/engineering-government-jobs-in-india>

If you have a Smart phone then Install these apps for alerts:

Government Jobs- INDIA, Government Job Alert-2017, All Government Job

Name of the exam: IES(Indian Engineering Services)

Conducted by: Union Public Service Commission

Exam date: Usually in the month of June

Mode of applying for the exam: Online

Age criteria: The candidate can be of any age between 21-30 years (for general candidates) as on 1st January of the year they are taking the exam. The upper limit is relaxed for the candidates of certain sections.

Educational qualification:

- ✓ A bachelors degree in engineering(B.E/B.TECH) from a recognized university or its equivalent
- ✓ An M.Sc degree or its equivalent with wireless communications , electronics, radio physics or radio engineering as special subjects are acceptable for certain services/posts.

Exam pattern: written exam followed by a personal interview

- Total marks: 1200
- Marks for written test:1000
- Type of written test: Descriptive and objective

What is Indian Engineering Service (IES):

IES refers to the services that cater to the technical and managerial functions of the government of India. The union Public Services Commission (UPSC) conducts the IES exam and the Union Government of India appoints IES officers based on the recommendations made by the UPSC.

IES as a career:

Every year lakhs of engineering graduates compete in the IES exam for a few hundred seats. Perhaps, this is why IES exam is considered to be a very tough exam because of the limited number of vacancies available. Owing to the degree of toughness of the exam, the candidates who clear the exam and become IES officers enjoy immense respect and stature in the society .Most of the IES officers are associated with the public sectors including roads ,railways , inspection ,manufacturing, power and telecommunication.

Tips for written test:

- Start preparation pretty early infact when one is pursuing one's degree.
- One should have an idea of all the concepts of one's graduation course and no topic should be left out.
- Be very logical when you are answering the questions.
- As there is negative marking, it is advisable not to attempt questions if you are not sure about the answer.
- Refer to past question papers and try to solve as many question papers as possible.
- Time plays a major role while taking this exam.

Tips for personal interview:

The personal interview will take place only once a candidate has cleared the written test .Comprising of 200 marks the personal interview will assess a candidate on leadership qualities , physical and mental abilities , presence of mind and social qualities, which includes interaction with others approach towards people and ability to work in with others as a team etc

Preparation tips:

- * One must concentrate on building one's personality as a whole. Sharpen and harness one's logical thinking and reasoning.
- * As this test will judge a candidate on leadership qualities, character and integrity one must begin to think and act like an officer.

YOU DON'T ALWAYS GET WHAT YOU WISH FOR, BUT YOU GET WHAT YOU WORK FOR

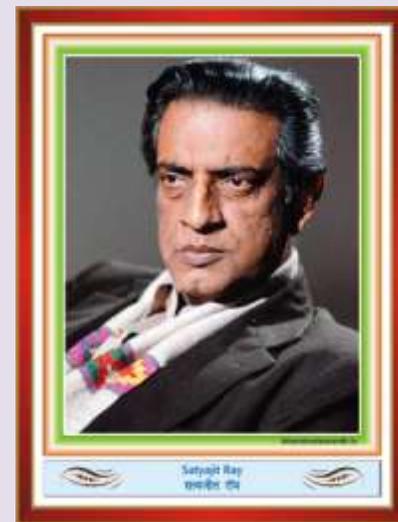


FAMOUS PERSONALITY:

(Inspirational)

Born: 2 May 1921, Calcutta, India**Died:** 23 April 1992(aged 70)**Occupation:** Director, Producer, Screen Writer, Lyricist, Writer, Illustrator, Music-Composer, Calligrapher**Spouse(s):** Bijoya Ray

Satyajit Ray was an Indian Bengali Filmmaker, widely regarded as one of the greatest film makers of the 20th century. Ray was born in the city of Calcutta to a Bengali family prominent in the world of arts and literature. Starting his career as a commercial artist Ray was drawn into independent film making after meeting French Film maker Jean Renoir and viewing Vittorio De Sica's Italian neo-realist film **Bicycle Thieves** (1948) during a visit to London Ray directed 36 films, including feature films, documentaries and shorts. He authored several short stories and novels, primarily aimed at children and adolescents. Feluda the sleuth, and professor Shonku, the scientist in his science fiction stories are popular fictional characters created by him. He was awarded an honorary degree by Oxford University.



Ray's first film **Pather Panchali** (1955) won eleven international prizes including the inaugural **Best Human Document** award at the 1956 **Cannes Film Festival**. This film along with **Aparajito**(1956) and **Apur Sansar** (The World of Apu) (1959) form the Apu Trilogy. Ray did the scripting, casting, scoring, editing and designed his own credit titles and publicity material

Ray received many major awards in his career, including **32 Indian National Film Awards**, a **Golden Lion**, a Golden Bear, 2 Silver Bears, a number of additional awards at International film festivals and award ceremonies and an Academy Honorary Award in 1992 . The Government of India honored him with the **Bharat Ratna** the Highest Civilian award in 1992.

Life and Background:

Ray's ancestry can be traced back for at least ten generations. Ray's grandfather was a writer, amateur astronomer and leader of the Brahma Samaj. Ray was born to Sukumar and Suprabha Ray in Calcutta. His father was a pioneering Bengali writer. His father died when Ray was only three years old. Ray studied at Ballygunge Government High School, Calcutta and completed his B.A. in Economics at Presidency College then affiliated with the University of Calcutta. Though his interest was always in fine arts, but his mother insisted him to study at the Viswa Bharati University at Santiniketan, founded by **Rabindranath Tagore**. Ray was reluctant to his love of Calcutta but his respect for Tagore finally convinced him to try. He later admitted that he learned much from the famous painters Nandalal Bose and Benode Behari Mukherjee. Later he produced a documentary film **The Inner Eye**, about Mukherjee. In 1943, Ray started his work at D.J.Keymer , a British run advertising agency as a "**Junior visualiser**", earning eighty rupees per month. On seeing the talent of Ray's visual designing there was tension between the British and Indian employees of the firm. Dr.Gupta gave complete artistic freedom to Ray and asked him to create cover designs for books. Ray designed covers for many books including Jim Corbett's **Man eaters of Kumaon** and Jawaharlal Nehru's **Discovery of India**. Ray has founded the **Calcutta Film Society** in 1947. In 1950, D.J.Keymer sent Ray to London to work at his headquarters office. During his three months in London Ray watched 99 films. Among there was a neo-realist film **Bicycle Thieves** (1948) by Vittorio De Sica, which had a profound impact on him. Ray later said that he came out of the Theatre and decided to become a film-maker and now he was the **fourth** highest ranking **Asian Filmmaker** in the Poll.

- **By: Samanvitha and Bhagya Sree, II-SEM EEE.****Try this:****Tongue Twisters:**

- Black background, brown background.
- How much pot, could a pot roast roast, if a pot roast could roast pot.
- A big black bug bit a big black dog on his big black nose.
- Seventy seven benevolent elephants.
- I scream, you scream, we all scream, for ice cream.
- Can you can a can as a canner can can a can.
- Four furious friends fought for the phone.

Some true Facts:

- Wearing headphones for just an hour will increase the bacteria in your ear by 700 times.
- It is physically impossible for pigs to look up into the sky.
- Like fingerprints, everyone's tongue print is different.
- If you sneeze too hard, you can fracture a rib.
- The cigarette lighter was invented before the match
- Half of all humans who have ever lived, died from malaria.
- You burn more calories while sleeping than you do watching television
- If you try to suppress a sneeze, you can rupture a blood vessel in your head or neck and die.
- * Coconut water can be used as blood plasma
- * Human thigh bones are stronger than concrete
- * Cockroaches can live for several weeks with their heads cut off, because their brains are located inside their body
- * Saturn's density is low enough that the planet would float in water

DON'T STOP WHEN YOU ARE TIRED ,STOP WHEN YOU ARE DONE



STOP! TAKE A BREAK

Guess who is here:

It was finally time for the launch. We had worked seven long years for this moment. The whole team waited anxiously as SLV-3, **India's First satellite launch vehicle** was prepared for the launch. The countdown began Ten, Nine.....Two, One lift off. The first stage was performed to perfection. We stood spell bound watching the epic moment in the history of **ISRO**. Suddenly the spell was broken. The second stage went **out of control** and flight was terminated in all three hundred and seventeen seconds. The rocket was crashed into sea and all our hopes were drowned with it. One moment there was a feeling of utter hopelessness. This event was a big shock to us. I felt deep hearted and a bit frustrated. A press conference was scheduled and causes of failure were to be discussed. I felt responsible for that instant and a dread filled my heart. I know that press conference would be full of critics waiting to blame my team. But our chairman professor Sathish Dhawan took the mic from me and answered all the questions confidently. His composure and clarity of thought really impressed me. He said these are very complex missions, we have to find out what went wrong and rectify it and make sure that it is not repeated. He also added that in exactly one year we can successfully place a satellite in an orbit.

I thought of professor's words and confidence replaced fear. Exactly one year later on 18th July 1980 the whole nation was watching us again. It was the time that was going to change the future of Indian Space Programme. In early hours of the day SLV-3 lifted off. The satellite was successfully put into orbit. All the stages were performed successfully and the **ROHINI** satellite is now in the orbit. It was the precious moment in my life. The press conference was held once again. I requested Professor Sathish Dhawan to address the conference. But this time he turned the mic towards me and let me face the questions. I wondered how a person would be so generous to give credit of the project to others.....

The above person is none other than The Missile Man and our former president APJ Abdul Kalam. The values learnt from his life incident are as follows...

- We should not be regretted with the failure. It is just a passing cloud before us and it won't sustain for a long time.
- One should learn how a leader guides his team, taking blame in the case of failure and sharing praise in the event of success.

- By Komal Raja , II-SEM EEE

Solve the Puzzle:



2 What comes next in series?

Eno owt ehret rouf eivf xis neves ???

3. I had Rs.1.15 in my purse in as 6 coins, but I found that I could not give change for a rupee, half a rupee, quarter rupee, ten paisa or five paisa which 6 coins did I have.
- 4 There are four brothers of different heights .Their average height is 74 inches and the difference in heights amongst the first three men is two inches. The difference between third and fourth men is six inches. Can you tell how tall each brother is?
- 5 There is a number, the second digit of which is smaller than its first digit by 4 and if the number was divided by the digit's sum the quotient would be 7. Can you find the number?
- 6 Can you make 2 squares and 4 right-angled triangles using only 8 Straight Lines?

- By Gangdhar, II-SEM ECE

Note: Answer all the above 6 questions and mail us to gprec.medhaupadarshak@gmail.com

MINDS ARE LIKE PARACHUTES THEY ONLY FUNCTION WHEN THY ARE OPEN

Give the suitable Theme for the drawing:



Life is like a ship in the Middle Ocean & tastes bitter to try, but once reached , tastes sweet.

Art by - **Naga Mounika**, II SEM ME

Quotations written by **D.Aparna**, II-SEM CSE.

Career Buzz by **K. Raghavendra**, II-SEM ECE and **Hareetha**, II SEM CE.

Magazine Edited and typed by **B. Naveen Kumar**, II-SEM ECE

Here is an opportunity for our College Students:

If you have any ideas which helps to this magazine, mail us and suggest your valuable ideas gprec.medhaupadarshak@gmail.com

If you are a good story writer in moral, poem or drawing mail us and we will publish the best in next magazine.

If you want any information regarding above mentioned magazine topics or any questions about this magazine or any changes send mail to us.

It is our college magazine we invite **Students of GPREC** to make use of this opportunity and try to exhibit your talents through this magazine.

NOTE:

Any queries please mail us gprec.medhaupadarshak@gmail.com

PREPARED BY :

Students of **Extension Activity**.

We thank our college management for giving us an opportunity to prepare this Magazine.

So friends let us use this opportunity and gain Knowledge.

IF THERE WAS NO CHALLENGE THERE WOULD BE NO STRUGGLE AND WITHOUT STRUGGLE THERE WOULD BE NOTHING TO GAIN.