



MIND SPARK

MAY 2021

EDITION 05



THERE IS NO WIFI IN THE MOUNTAINS,
BUT YOU WILL FIND NO BETTER CONNECTION

Editor's Letter...



Change is not always bad. In fact, some changes can be welcoming, interesting, exhilarating yet heartwrenching. One such change has all of my team in a happy heartbreak as we got the ball rolling to welcome a new team. I am thrilled to have contributed and co-ordinated this edition of bulletin, designed entirely by the Editorial board of the new team. To say I am in awe of their work, is an understatement.

As we are preparing for a new phase, I cannot forget the current team's achievements that took the club to new heights this year. Heights so unbelievable for a club so young, that I am tempted to holler 'We did it'. In fact, we did and I am proud yet again, as every other time we released a new edition. Way to go mates!

I am certainly on cloud nine, as all my team are. For one, this edition is littered with the achievements over the last quarter that we all struggled to encase within the short pages, with little success. We are all proud of each other, from the one scaling the skies and the ones reinforcing the base. That, to me, to my team, is priceless. And we love each other for that.

*Editor,
Thamizh Malar Mathi T*



A vertical strip of an American flag is visible on the left side of the page, showing the blue field with white stars and the red and white stripes.

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D.R.O.P

Disaster Runs Out of Problems

Nature has various manifestations both gentle as well as aggressive. We see how sometimes it is so calm while the other times it becomes fierce. The calm side is loved by everyone, of course, however, when the ferocious side is shown, devastation happens. Though most often, humans cannot prevent such disasters they can control the extent of damage and take precautions.

Whenever a calamitous situation arises that may disturb the life and ecosystem, we need emergency measures to save and preserve lives. D. R. O. P is an awareness programme created by Yy. Nithish Kumar and Yy. Narendran to spread consciousness about disaster and its management among the people.

Y'S MEN INTERNATIONAL
To acknowledge the duty that accompanies every right

Y's Service Club of GCT YOUTH
Presents

D.R.O.P
- Disaster Runs Out of Problem

- ➔ Awareness about Disaster Problems
- ➔ Let know a problem through video
- ➔ Drop your thoughts in the Comment

HOW THE DISASTER HAPPENS?

Event Date
10TH NOVEMBER
2020

Event Organizers
YV. NITHISH KUMAR
YV. NARENDRAN

Watch & Listen On
YouTube

Y's Service Club of GCT YOUTH
<http://ysyouthgct.social>

They prepared a video comprising on three disasters, both natural and man-made, which explained the precautions to be taken during such crucial situations. The video was released in the club's official YouTube channel that received a great response from the viewers. *Nature will be at it's loveliest until or unless we hurt it more!*

CANCER METABOLISM

Let's cross cancer out

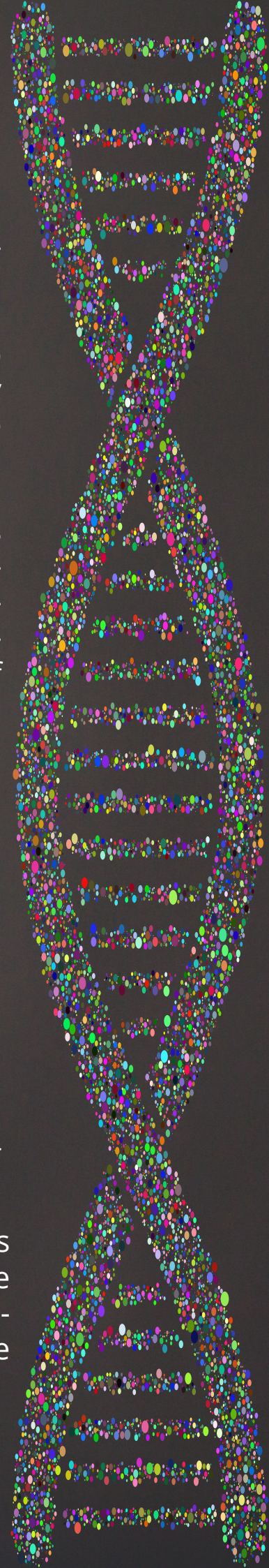
In India, the incidence of cancer is increasing rapidly. One of the most important reasons for the high mortality rates of cancer is the lack of awareness, which can lead to a late diagnosis and treatments starting too late. Therefore, it is important to step up cancer literacy and knowledge amongst the population, especially the youth.

Generally, Cancer metabolism refers to the alternations in cellular metabolism pathways that are evident in cancer cells. Metabolic alternations in cancer cells are numerous and include aerobic glycolysis, reduced oxidative phosphorylation and the increased generation of bio synthetic intermediates needed for cell growth and proliferation.



Here, "Cancer Metabolism" was one such event which was aimed to create awareness among people about cancer and hair donation for cancer patients. It was a quiz event conducted through Google Forms. The event mainly concentrated on recognizing the causes of this dreadful disease.

After the event, the organizers released a prospectus providing detailed information about cancer and the guidelines for hair donation. Certainly, the event will create some basic awareness about the cancer among the patients and common people.





PATENT FILING PROCEDURE PROJECT INCUBATION

- a road map for success

“ Inventions cannot be judged on patent parameters, but patents have the ability to take inventions very far ”. Patent, a government grant to an inventor of the right to exclude others from making using or selling an invention, usually for a limited period. Patents are granted for new and useful machines, manufactured products and industrial processes and far significant improvements of existing ones.

Have we ever wondered how the inventors get the patent rights? What procedures do they follow to file a patent? Is there any age barrier for filing a patent ?

To unlock all these queries, our youth members had created a key in the form of a webinar. It was an online event (webinar) conducted via Google Meet. The speaker explained the basic procedures to file a patent, INDIAN INTELLECTUAL PROPERTY and also explored the key elements in the whole project incubation. He also provided a sneak peak on entrepreneurship and implemented a cognizance amidst the youths. We hope that the event might have given some ideas to the newly emerging entrepreneurs, who are going to form the strongest future and make mankind better. And the event received tremendous response in which many felt that they have imparted a good chunk of knowledge when they left.

Y'S MEN INTERNATIONAL
"To acknowledge the duty that accompanies every right"

Y's Service Club of GCT YOUTH

WEBINAR

**PATENT FILING PROCEDURE
PROJECT INCUBATION**

- a road map for success

 **Mr. B. ELAVARASSAN** D.M.E
(PROCESS ASSOCIATE)
AMAZON - SALEM



MEETING ID : pnq-zqrh-dpr
DATE & TIME : 24.01.2021- 7:00 PM

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Y'S DIGITAL LIBRARY

3 C

Nothing can replace the authenticity and reliability one gets from a library!

“The man who never reads lives only once”. Libraries attract people to read and develop habit of reading and learning. They increase their thirst for reading and expand knowledge. Libraries are important for research, information, knowledge and pleasure of reading.

Knowing the importance of library, our youth members had initiated a digital library which is available in our club's official website. All e-books related to the 9 departments in our college for each and every semester is available. As it was initiated at the time of online examinations, it reached a great height. Most of the students utilised this opportunity to crack their exams. It is one of our bigger projects and nearly 13000 members used this digital library within a month of its launch. Members are working on it to update the contents available. They are planning to add some articles, microtales and poems and even some blogs written by our student members. Also they've decided to add some electives in the future.

6 C



7 C



REGIONAL YOUTH CAMP

Technological advancements have changed human communication significantly because most of it is done virtually. Camping gives people an opportunity to socialize and interact one-on-one without technological distractions. Regional youth camp is the starting point that strengthens the friendship of youth from various regions of South India.



Our youth have met with the unknown faces of the known persons. The members were mentally well known to each other, but only the camp made them to be physically connected. The members came to know each other very well in the camp.



This time, Regional Youth Camp for West district was held at Black Thunder Resort, Mettupalayam, where our youths had a great time. For the first time in the history of YSC GCT YOUTH, ten members were selected for the regional youth camp from the same club. Given that ours is the youngest club, this was a remarkable milestone for us. Being locked down in the pandemic, the camp became a stress buster to those youths.

It provided a good platform to expose the talents of the youth, where many of their skills such as communication skills, time management and leadership qualities were tested. Best performers of this camp would take the youth into next level of this yearly festival, Area Youth Camp. Exhilarating enough, four of our youth were chosen from YSCGCT. *"Our wounds are often the openings into the best & most beautiful part of us!"*



AREA YOUTH CAMP

In order to meet the complex demands of a dynamic, fast-paced society, people are required to think and act in creative ways. Youth development specialists advocate that well designed, implemented and staffed youth centered programs results in positive outcomes for young people to participate in camping experiences for over a century.

Appreciating this, Y's Men International organizes an Area Youth Camp every year where youth from all over India gather to make a festive occasion.

This three day camp gives a marvellous experience that the youth will have once in their life time. On the 1st day, the youth get acquainted with one another through an ice-breaking session.

For more understanding and better performance in the forthcoming events, the youth were split into teams. Some tasks were given to those teams and were evaluated on individual abilities, creativity and team work. Those tasks gave them a better understanding between them and made all the youth to feel happy and delighted.



Next day, outdoor sessions filled with enlightenment and various tasks to scrutinize management and leadership qualities of the youth with the ultimate showdown of campfire.



An award ceremony was held on the last day where our Chairman Yy. Soundariya received the *"Outstanding Youth Award"*. Our youth made the entire club proud was crowned as the *"Gem of Y's youth"* by the Immediate Past International Youth Mentor. The most cherishing moment was when our club's President Yy. Dinesh Prabhu was selected for IYC along with the Best Camper award. *"The best view comes after the hardest climb!"*

INTERNATIONAL YOUTH CONVOCAATION



Yy. J. Dineshprabhu

President

World's one of the best convocations where youths from different parts of the world gather together to attend the IYC. This camp will be held for two weeks in which the youth will visit across various service organizations and visit the most tremendous places in the country they will reside in. It is considered as one of the most substantial moments for the youths to get interacted with youths all around the world. Our club's President Yy. J. Dinesh Prabhu has been selected for IYC which is to be organized at Hawaii in 2022. He was awarded the *"Best Camper of South India Region"* in RYC 2020, and also awarded as *"Best Camper of India Area"* in AYC 2021-*"Electra 21"*. "I am eagerly waiting for the convocation to meet many officials across Y's Men International and I completely dedicate this contentment to my current board members", says Dinesh Prabhu.

CAMPING EXPERIENCE

I am no stranger to new experiences. I have been on hikes, long rides, adventures, you name it. But this camp surprised me, in every way possible. From the people to the experiences, everything was like never before, that it makes me think it is almost cliché to feel this way. We had people from across the country and I felt right at home. We understood each other despite language, customs, and culture. We were young people enjoying campfires, activities and making memories. Social media long forgotten in those three days, no mobile, no constant status updates, nothing mattered more than the present. We lived in the moment. Not to mention Dinesh and I ending up in the same team and him being selected for IYC. I have never felt prouder. 'Way to go, mate!' I gained more in those three days than in my whole life but would stay for the rest. Experience, friendships, memories. Wouldn't trade for anything but would trade anything for an 'again'!



Yy. M. Loguignesh

Yy. N. Sathya Priya



Travelling can sometimes be so exciting and most memorable one. And that's AYC where I experienced such wonderful moments! This adventure Trip to Iduki, Kerala is the ultimate bonding experience, journeying far from home, to exotic landscapes and unfamiliar cultures, which provided the type of once in a lifetime experience that strengthens the relationship between travel companions. My diary too got excited when I wrote about AYC days. The youths from different parts of region gathered there, I am sure, going to have a wonderful experience in my lifetime. The occasions like zumba dance, culturals and especially trekking filled those days with wonders. Soundariya is such a caring soul who got closer to me. The bond between us will continue forever.

I was at the height of excitement, when I got selected to AYC. It greeted me with entirely new faces. Youths from different regions of Kerala! It helped me explore my talents and each applause gave me the confidence to go ahead. I really had very good time with my teammates and my team (Amigo) was honoured the best team. The camp spot's entire ambience and vibe was wonderful. I extremely enjoyed the Culturals night, Morning zumba session and campfire, those were unforgettable! Iduki echoed with the cheers of our happiness! Fellowship I made at AYC started with the icebreaking session and it's going on. AYC brought me closer to my dear Sathya whom I never wanna miss in my life. AYC made me feel better to get relief from almost 1 year of Covid lockdown. I'm very thankful to the AYC team for all those memories I had there.



Yy. S. Soundariya

Can machines think? — Alan Turing, 1950

Less than a decade after breaking the Nazi encryption machine Enigma and helping the Allied Forces win World War II, mathematician Alan Turing changed history a second time with a simple question: "Can machines think?"

Turing's paper "Computing Machinery and Intelligence" (1950), and its subsequent Turing Test, established the fundamental goal and vision of artificial intelligence.

At its core, AI is the branch of computer science that aims to answer Turing's question in the affirmative. It is the endeavour to replicate or simulate human intelligence in machines. The expansive goal of artificial intelligence has given rise to many questions and debates. So much so, that no singular definition of the field is universally accepted.

The major limitation in defining AI as simply "building machines that are intelligent" is that it doesn't actually explain what artificial intelligence is? What makes a machine intelligent?

In their ground breaking textbook *Artificial Intelligence: A Modern Approach*, authors Stuart Russell and Peter Norvig approach the question by unifying their work around the theme of intelligent agents in machines. With this in mind, AI is "the study of agents that receive precepts from the environment and perform actions."



Norvig and Russell go on to explore four different approaches that have historically defined the field of AI:

1. Thinking humanly
2. Thinking rationally
3. Acting humanly
4. Acting rationally

The first two ideas concern thought processes and reasoning, while the others deal with behaviour. Norvig and Russell focussed particularly on rational agents that act to achieve the best outcome, noting "all the skills needed for the Turing Test also allow an agent to act rationally."

Patrick Winston, the Ford professor of artificial intelligence and computer science at MIT, defines AI as "algorithms enabled by constraints, exposed by representations that support models targeted at loops that tie thinking, perception and action together."

If machines are capable of rational and humanly thinking, then what is the speciality in humans? It is our conscience. *"The human trait that keep us human"*

ART GALLERY



Praise the lord; he will gift you with good things

ART BY
Akshaya raj S A
CSE 2nd year

An icon for hardship and coolest captainship.

ART BY
Vishnujanani R
Civil 2nd year





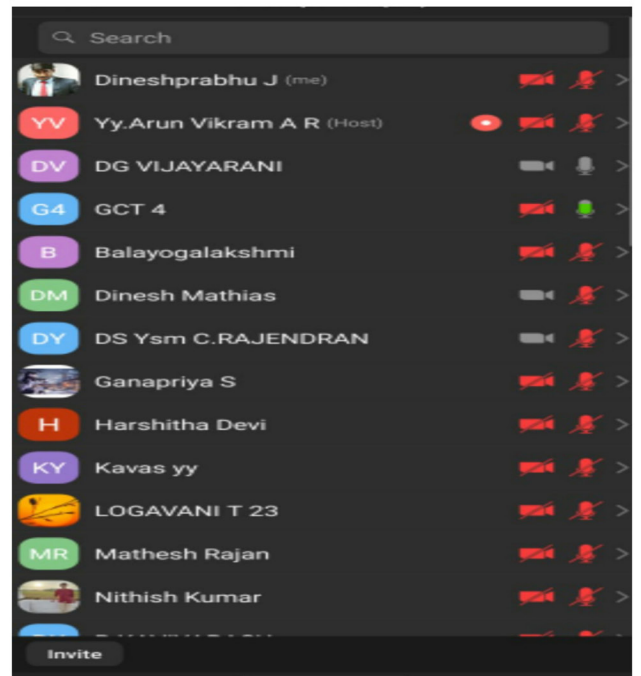
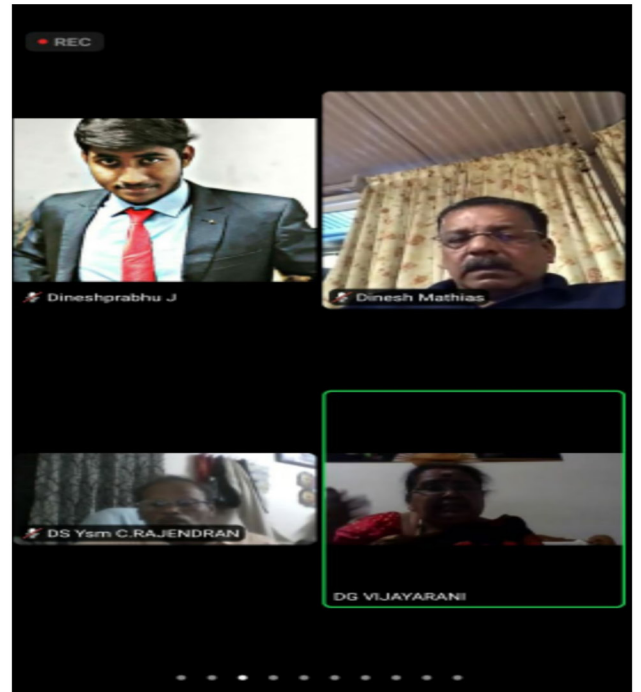
One *machine can* do the work of fifty ordinary men. *No machine* can do the work of *one* extraordinary man

ONE DAY HUNDRED

All it takes is a little introspection to find out what your motivation triggers are!

Introduction of a new entrant into any existing group of people is a common feature we come across in our everyday life. When a new entrant joins an organisation, he/she is an utter stranger to the existing members. Therefore, an induction programme is designed to facilitate outsider - insider transition in an integrated manner.

1 day hundred - an induction programme organized by the West district where 100 Y's members had been inducted on a single day. Among the 100 youths, 45 were from Y's Service Club of GCT YOUTH, West district, Coimbatore. This contribution of GCT YOUTH is the highest of all youth clubs in the West district.



In India Area level, 45 youth from one roof being inducted at the same instant is a remarkable one. It has become a landmark in the journey of GCT YOUTH. The club received greetings and compliments from various other regions. The newly inducted 45 youth members are representing the Youth Club earnestly and the path to take the club to new heights.



The *time* is
always right to do
what is *right*

-Martin luther king jr.



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