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APERATURE

— The Student e-Newsletter of GCT —



GOVERNMENT COLLEGE OF TECHNOLOGY, Coimbatore - 13

An Autonomous Institution, NBA Accredited and Affiliated to Anna University

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From the Editorial desk

With the release of this edition, we hope to create a wave of journalism among GCT students. In 68 years of its existence GCT has witnessed the birth of various innovative clubs and has seen them flourish. SJC tries to accentuate its legacy with the establishment of this Newsletter. We plan to keep the newsletter as an e-Edition in sync with the times. We will try our best to strike a balance between news reporting, narrative reporting, investigative journalism, illustrative journalism, opinionated articles and creative writing. The Council also serves as a hub for Reporters, Graphic Designers, Cartoonists, Photographers, Web Designers and the students who serve the Newsletter in their unique way. We request the fellow GCTians and the well wishers of the institution to support this endeavour and strengthen the bond we share.

- Student Journalist Council



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FEEDBACK



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The Mascot speaks...

The look on your face is lucid as crystal and yes, you are right. "Pulling a rabbit out of a hat is a miracle". I bet I tried and I have found a lot from it but as per your definition the miracle still awaits. But I realized that it's me what I have been searching all these while. Sorry, I have been rude. I am CARO and what is my connection to GCT?

If the untiring guards and the responsible staff demand my

identification, simply I am you and after a couple of decades, if any GCTian question my purpose, I am simply the trails of your footstep. I am the dream of every GCTian-have been nightmares too; I am the success of GCT-not leaving its struggles unrevealed; I am your oxygen-I have lived through; I am your fun-I have been staged; I am your success-I have been tested; I am your brain-I promise I have been in act. But believe me, I am neither Omnipresent nor from Bollywood. I am one amongst you, just another shoulder trailing yours.

Even successful orations would vanish to feeble whispers, lurking beneath the clouds that pass. My job is to leak the romance between you and Engineering. I stand aloof from your vision and I watch, I record, I explore and nail you to the walls of history.

If success is boring, my enigmatic attitude finds it the same way. So I nurture your pranks, spank your wits, leisure your appeal and owe a treat from your wallet. Let's roll, rumble, dodge, dance, skid, skate, laud, fly, sob, sink, sault and succeed. We shall chase the treasure beneath the rainbow and might end up triumphant or worse to an adult.

I am here to filmograph the cycle of cocoon that every GCTian embrace into the gates of GCT and record from the very first step to the eventually evolved colourful, magical, free and euphoric Engineering, soaring high out of those same gates.

-CARO





Talk with the Eliminators



'ELIMINATORS' – GCT's brainchild to broadcast the institution's dancing calibre and one of the most successful dance troupe in the state. On one fine evening, the songs were on the floor and the limbs were pronouncing the dance moves yet we managed to grab their mouth to share their experience, victory, failure and the diverse dimensions of GCT's prestigious dance troupe.

Hi! Can you please describe the evolution of Eliminators?

Six years back, one of our alumni, Mr.Vivekanandhan initiated this group. He felt that there was a need to bring the students who are passionate about dance, under one roof. With the help of his friends; he formed this group to bring about a change in GCT's attitude towards dance and to provide a platform for the interested, to explore their skills and enhance the class of their artistry.

Why the name, 'Eliminators'?

This is a very tricky question, since none of us were present when the troupe was named. But from our seniors we got to know that it was named so as to grab the attention. Hence the extravagant name.

Who funds Eliminators?

We are financially assisted by our seniors. They are essentially the back bone of this troupe. We utilize those funds for costumes and travel expenses. We also save the cash prize which we win in contests for future cultural fests.

“There isn't any supernatural quality one must possess to be a part of Eliminators”

What are the qualities one must possess to be a part of Eliminators? How do you select students, who wish to join the troupe?

Well, there isn't any supernatural quality one must possess to be a part of Eliminators. He / She should just be passionate towards dance. As far as the selection procedures are concerned, there aren't any thick and fast rules. We see the students who perform in diverse GCT fests. We spot the talents, interact and state the practical difficulties one could face. If they are interested, then they are part of Eliminators.



Can you throw some light on the practical difficulties you were talking about?

Our practise sessions are rigorous and we practise 4 to 5 hours every day. This duration could be extended at the wake of competitions. The meticulous practice hours ensures our victory in prestigious inter-collegiate fests. These sessions might take a toll on one's body, and one has to be in prime fitness to manage the rigours. We utilize the weekends for studies and we also put in extra effort during holidays.



How do Girls and Boys in 'Eliminators' synchronise the dance moves despite practising separately?

This is the hardest part, since we don't have a common floor to practise. We actually split the songs and assign the dance moves separately. During our semester holidays or sporadic weekends, we practise in a dance floor in RS Puram. Though the cost happens to be as high as Thousand five hundred rupees a day, we still manage to make it happen. This is a testimony to our passion towards dance.

What are the various fests 'Eliminators' has participated and won?

We have participated in Saarang (IIT-M), Festember (NIT-Trichy) and annual cultural fest of IIM-Kozhikode. We have managed to win in both Saarang and Festember. The sheer hard work of the members made that possible.

Share the experience on flash mob performed by eliminators in Express Avenue, Chennai.

After seeing our past performances, renowned choreographer Anto gave us this opportunity to be a part of flash mob organised by John Britto. The flash mob had around 70 dancers and 20 of them were from Eliminators. The participation in the

flash mob also enabled us to attend a workshop conducted by Anto at free of cost.

Can u share the Sweet Success and Bitter Failure of Eliminators?

Sweet Success- Our victory at Saarang is a sweet success. The Competition was very intense and tough. We were still in the process of evolution as a dance club. But as always the passion and the commitment of the crew paved the way for the success.

“Our practise sessions are rigorous and we practise 4 to 5 hours every day”

Bitter Failure- We won't call this a failure yet we faced a disappointment at IIM-K. We were confident after the Saarang victory and were determined to continue our success trail at IIM-K. Though we were applauded for our unique choreography, time had other plans. We failed to make it to top three. This failure was one incident which made us look back and reorganize ourselves.



What is the Best Compliment which Eliminators has received so far?

We once staged a performance in Loyola, Chennai. We were trained by the choreographers of Loyola College of Arts. They are professional bunch of dancers and one of the talented troupes in the country. Our performance made the crowd and the choreographers to give a standing ovation. We still cherish that proud moment.

“People tend to have a wrong attitude towards dance but our passion helps us to keep the deterrents away”



Whom do you consider as your fierce Competitors?

'Dream Team' from Loyola College, 'Twis Ters' from Anna University and 'Dance Troupe' of NIT-T. They are well organised and are tough competitors.

As a Dance troupe how do you face de-motivation?

People tend to have a wrong attitude towards dance and consider it to be 'worthless'. But Dance is our life and we practise it with utmost dedication. Our passion towards dance helps us to keep the deterrents away. The wrong perception of people should change.

What do you miss being an Eliminator?

Well, not much. But to be frank, we miss the quality time with our friends. Some of us are really good at sports, but once we are part of Eliminators,

sports and other-extra curricular activities takes a backseat.

As a Dance Troupe, What are the facilities you wish for?

We badly require a dance floor equipped with mirrors. The cost spent on costumes and travel can be managed but the issue of dance floor has been pestering us for long time. Once that wish comes true, we Eliminators can practise as a single troupe resulting in better synchronisation. We wish that any one of the halls in alumni building could be used for that. We do hope that it comes true some day.



www.facebook.com/eliminators.gct

As said to U.Deepak Krishna & R.R.Prasanth



SRF - A New Chapter

Students Research Foundation (SRF) - A new initiative by Principal Dr. V. LakshmiPrabha to encourage novel ideas and to inculcate passion for research amongst the undergraduate students of the institution. It was established in honour of Patron Emeritus Late Shri. G.D. Naidu. Eventually, SRF aims at building Techno-Entrepreneurs for the nation. Thanks to TEQIP, SRF has roped in Dr. Krishnan as Senior Research Advisor. He was the former Dean, IIST Trivandrum and the former Director of Advanced Data Processing Research Institute (ADRIN), Hyderabad. The Staff Co-ordinator of SRF is Dr. T. Purusothaman, Associate Professor Department of Computer Science Engineering and Information Technology.

Student Innovation Contest

The idea of SRF is to facilitate technical expertise, provide resources and financial assistance for developing innovative commercial products for the society. As a first step, The Students' Innovation Contest (SIC) was organised. 110 abstracts were submitted by enthusiasts of diverse departments of the institution. The abstracts were scrutinised and evaluated by the technical experts of SRF team.

Saturday Talks (ST)

Saturday Talks are extra-mural lecture series organised by SRF team, to enhance the quality of research and ameliorate the intellectual capabilities of the students. The details of the venue and the speaker for every ST are published on the college website.

Webinars

It is an initiative of National Mission on Education through ICT, Government of India, to promote IT literacy through open Source Software. The Spoken Tutorial project is about teaching and learning a particular FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, Java, C/C++, Libre Office etc via an easy Video tool - Spoken Tutorials. Participants can take an assessment test and get certified by Spoken Tutorial Project, IIT Bombay.

Future Endeavours

SRF aims in building an incubation cell for advanced research and equip the campus with the advanced machinery for developing new products in near future.

The First Saturday Talk

The First Saturday Talk was given by Dr. R. Krishnan on September 21, 2013. He enlightened the gathering on the essentials of a technical research paper. Various reasons for publishing the research paper and the benefits of a good citation were also emphasized.



Dr. R. Krishnan at first ST

On Research,

"Research is something, one should pursue and it can't be thrust upon."

On Technical papers,

"Good quality and good readability should come along in a technical paper. A Technical Paper should neither do marketing analysis nor state exaggerating claims."

”



SRF - Inauguration



On October 5 2013, Dr. Mylswamy Annadurai, an alumnus and renowned scientist -Indian Space Research Organization (ISRO) inaugurated 'Student Research Foundation'. Dr. V. Lakshmi Prabha, Principal presided the function. Dr. R.Krishnan, Senior Research Advisor of GCT graced the occasion. Dr.T.Purusothaman, the coordinator of SRF and the faculties from various departments were also present in the inaugural ceremony. Dr. M. Annadurai also gave an inspiring talk on 'How to innovate?'. He stressed upon the need of attitude and planning. "You are what you pretend to be. So pretend you can solve a problem and you will", he said. He also spoke on the need of patience to achieve one's goal. When asked about his personal mantra for success, he said, "One must be at the right place at the right time and work at a right pace". On a lighter note he expressed, "In a Saturday afternoon, a packed GCT auditorium, to listen a talk was unbelievable even in my college days. Students staying back until the guest leaves the auditorium was equally unthinkable". He also exclaimed, "GCT has changed a lot in a good direction and I wish GCTians to pursue your goals and never get satiated once you achieve it."

“Innovation= Crazy Idea + Systematic Implementation”

The top three project proposals of the 'Students' Innovation contest' were awarded with cash prize of ₹5000 , ₹3000 and ₹2000 respectively. Besides the cash prize, the winners are to be funded by the TEQIP, to develop their ideas into commercial products for the society. The following are the top three project proposals of the 'Students' Innovation contest'.

First Prize	Automatic rig's rod pipe welder machine	Second Year, Production	T. Janartharaj N. Arun Prakash
Second Prize	Greenhouse Gas plant for electricity generation	Final year, EEE	C. Bharath Kumar G. Balaji
Third Prize	Hydraulic safety system in cars	Third Year, Production	R. Nantha Kumar B. Manikandan.



The Guards of GCT

GCT is blessed with dedicated and helpful to students from economically untiring guards whose vigil eyes and stiff uniform is on duty 24 x 7. It was 4.45 pm, whistles were busy in giving directions to the students. When we approached the Guards to explore the unexplored facets of their profession, they gently smiled and waved their hands.

Hello Sir! How do you Define GCT?

GCT is a very good Institution offering education to the students of different economic strata. This institution admits students based on their merit. It is mainly

helpful to students from economically backward class. We have a huge respect towards this institution.

Sir, you have the privilege of guarding one of the premier Engineering institutes in the country. How do you feel about that?

We are very honoured, as everybody doesn't get this opportunity. We also have a proud feeling about that. When people ask us about our profession we say that "We are the Guards of GCT", the pride can't be explained.

How many members are working in your crew?

We have 14 Guards to work for the college. 7 of them will work in morning shift and the other 7 will work in evening. Every alternative week, we follow a change in shift.

Can you please tell us the difficulties involved in the life of a Guard? How do you face the adverse situations?

We have a shift of 12 hours a day. At times we may have to face the scorching heat or heavy outpour, but the responsibility which is endowed upon, drive us to work.

Being in the campus of an Engineering college, what do you think Engineering is and how do you see the budding Engineers?

Engineering is a prestigious Course. During our adolescent age the course 'Engineering' was an alien term. We knew very little about it then. Then slowly we came to know about Mechanical, Civil Engineering. Now we got to know Computer Science Engineering,





Industrial Biotechnology etc.

By your observation, may we know your view on the morale of GCT students?

Students who score high marks get an opportunity to study in this institution. When we see students walking through this institution we see a very positive attitude in them. We sense a discipline in most of the students, a desire in them to excel in their lives.

According to you what is the motto of guards, and what are the qualities that a guard must possess?

“Be prepared” is our motto. The quality of alertness should be instilled in every Guard. Sincerity and honesty towards one's profession are the two most important qualities we think a Guard must have.

“When people ask us about our profession we say that ‘We are the Guards of GCT’, the pride can't be explained”



What has GCT given you?

To us GCT is like a huge tree giving us shelter. It has given us a source of income, shown a way to live our life with dignity and pride. We miss our family and children during our work but the students of the institution dismiss our worries. We treat these students as our own children. On seeing some students misbehave in campus we may act harshly at times. We do that because we want students to realise their mistakes and come up in their lives. As the positive energy of students reflects on us, we feel that we are still in our prime. Life in GCT has made us more matured and patient.

A message which you would like to share with the students of GCT?

We would ask the students to study well. We want them to come up in their life and support their parents who have sacrificed their time and energy. We would like to see them as the pillars of our Nation in the near future.

As Said by Mr. Thangavel and Mr. Michael to U. Deepak Krishna and RR Prasanth.

(The interview is translated to English to suit the Newsletter.)





A Tale of two Interns



Aravind Subramanian
Production Engineering
Research Fellowship
Programme at IIT-Madras
IIT-Madras.

OVERVIEW OF THE INTERNSHIP PROGRAMME

My internship was related to Age hardening of aluminium based in-situ composites and the duration was one month (Related to Metallurgy). I worked with a PhD research scholar of IIT Madras in the field of Composite material. I had a practical exposure to casting, specimen preparation (Metallographic) and testing.

EXPENSES & STIPEND

I had to pay ₹6000 for accommodation and food. I was not given stipend because my entry was not through the formal application. But the stipend given by the college through TEQIP phase 2, helped me to meet my travel expenses.

ARAVIND SUBRAMANIAN
aravind_93@live.com

APPLICATION PROCESS

I met Dr. B.S Murty, professor of IIT Madras, when I got to present a paper in an international conference organised by Tagore college of engineering, Chennai. When I approached him regarding internship, I was asked to submit my research proposal and CV. I got an approval through mail to join their team after a week, after submitting my proposal.

LIFE AT IIT-M

In IIT, students are exposed to world class research environment. The resources, their research demands, are accessible 24x7. Many IITians were even working at midnight to carry out their projects. Their ceaseless efforts made them to achieve the desired result. This inspired me to dedicate my time and knowledge to the project. The hostel (Single room with ethernet connection), food, weekly movie screening were the unique features to experience at



Krishnamoorthy K.

Industrial Biotechnology.

Summer Research Fellowship

Programme of IASc-INSa-NASI.

APPLICATION PROCESS

I got this internship through summer research fellowship programme of IASc-INSa-NASI. The call for the internship is usually on the month of October. One should apply online and the application demands a purpose of study. Don't complicate the purpose of study with the existing ideas on Wikipedia; just give some crazy and creative ideas. The letter of recommendation from our faculties should be enclosed with the application.

Apart from IASc-INSa-NASI, the institutions which offer summer internships are IISc Bangalore, IIT Delhi, IIT Bombay, and IIT Madras.

LIFE AT IIT-D

Though I did my project in ICgeb, New Delhi. Boarding was provided at IIT Delhi. The environment of IIT-D is completely different. It has 24 hour access to library & labs, uninterrupted Wi-Fi all over the campus and special care for Hygiene and sanitation. Single room for each student is the special feature of IIT-D. Though western culture decorated their attire, the culture didn't have any negative impact. I would rank 'A class' for IIT-Delhi food.

My internship was at International centre for Genetic engineering and biotechnology, New Delhi. It is an UNESCO sponsored institute situated 3 kilometres north of IIT Delhi. My schedule for the day starts by 7 AM in the morning and I return around 5 PM. Every evening I spent my time discussing with friends, preparing for the next day's work, a few minutes watching TV and to bed after supper. Saturdays and Sundays were off. I enjoyed each and every moment of my stay at Delhi. The internship gave me an opportunity to learn Hindi.



OVERVIEW OF THE INTERNSHIP PROGRAMME

The project title was "Cloning and expression of Bax Inhibitor 1 Gene of Plasmodium falciparum and purification of protein by affinity chromatography". I worked under the guidance of Dr. Asif Mohammed and the internship gave me the opportunity to work with people of high academic profile. The minimum qualification to work in the lab is a Doctorate (PhD). Thanks to SRFP 13, I had a great opportunity to work with the people from different states and various nationalities. I was encouraged and guided by my colleagues. I learned diverse techniques on Gene manipulation and Vaccine development. The research team made me a half Genetic engineer.

EXPENSES AND STIPEND

For a period of two months, I paid ₹12000 for boarding and lodging in IIT-D. I preferred auto rickshaw to lab, hence the extra transportation charges I bore. There is no separate procedure to apply for stipend. One has to submit the work duly signed by the guide to the academy for claiming the stipend. I was given a stipend of ₹7000 per month on submission of the work.

KRISHNAMOORTHY K
sivajiramkrishna@gmail.com



From Forts to Clones



GEOFEST - Thoughts reinforced

Organiser : Civil Engineering Association (CEA)

INFOQUEST - The Diadem of Dominance

Organiser : Computer Science & Information Technology Association (CSITA)



NEXUS - Tantrums of Axions

Organiser : Electronics & Communication Engineering (ECE)

ORACLE - Xtrudes Ichor

Organiser : Electrical & Electronics and Electrical & Instrumentation Engg. (EEEIA)



ELYZIA - Aeon of Immortals

Organiser : Department of Industrial Bio-Technology (IBT)

TECHNOTRYST - Teivel's Talio

Organiser : Mechanical Engineering Association (MEA)



PRAXIS - Blitz of Brahmas

Organiser : Production Engineering Association (PEA)



THE OVAL CULTURE

It gets
 drenched in rain, it
 stands erect under the sun,
 and it never shivers amidst fog. By
 grammar it displays information; by art
 it broadcasts GCT's passion towards
 creativity; by purpose it serves as the cover
 page for diverse events organised in the
 ambience of GCT. This unofficial and unanimous
 ambassador of GCT'S artistry dedicates its name for
 its geometry. Though the modern sign boards frame
 the trend, 'THE OVAL' redefines it and relies on hand
 art. 'THE OVAL', is blessed with unique attire for
 every carnival. This culture inculcates a competitive
 spirit in the domain of creativity, it emphasises
 innovation, it stimulates ideas and it unfolds the
 talent. 'THE OVAL' is the most preferred and
 accessible bulletin for a large population. Sincere
 brains work for days with utmost care to decorate
 this structure. This culture appreciates the
 talent; interests turn into passion; the
 culture instils confidence;
 MASTERPIECES are born. THE
 OVAL is not just a regular
 geometry; it's an amazing
 architecture which stands
 strong exhibiting the
 unique vision, for
 e v e r y
 GCTian



Muthamizh Vizha - A Review



MUTHAMIZH VIZHA (MV) – an annual inter-college fest for Fine Arts and Tamil Literary activities was held on August 31, 2013. It included 14 events of various genres, orchestrated by the amalgamation of the Fine Arts club and the Tamil Mandram.

The 2013 edition of MV had the Sangam Tamil Literature as its theme and the events were named accordingly. Assorted events like dramatics, culinary art and Tamil Literature were part of the contest. The team from Coimbatore Medical College won the overall trophy and the crew from Sastra University were the runners in this edition. Did Muthamizh Vizha live up to its hype? Were the participants overwhelmed by the events? The Newsletter team presents a brief analysis of MV.

EVENTS : The formulation and the diversity of the events, as contestants opined, promoted divergent thinking. The stipulated time is alleged inadequate for certain events.

ORGANISATION : The co-ordination and crowd handling by the MV organisers was highly regarded. The resource management is to be meliorated.

FOOD AND HOSPITALITY : The food served was good and the hospitality team did its best to serve the unexpected surge of participants.

VIEWS

Organising team, MV

The participants were surprised with the unique theme of Sangam Tamil literature and complimented it. The proportion of participants has considerably increased over the years. Though the registration count exceeded 350, the organisers overcame the upsurge in registration with ease. The events commenced on the scheduled time which fuelled its success. Proper planning and co-ordination were an added advantage. We specially convey our gratitude to the honourable Principal Dr. V. LakshmiPrabha, the Staff coordinator Dr. C. Sivasankari, Smt. Andal Priyadarshini, Director of DoorDarshan and Smt. Maheswari Sarguru, Pattimandra Naduvar. We also convey our sincere thanks to fellow GCTians and the participants who made this occasion memorable.

-Vijai kumar, Tamil Mandram Secretary.

Participants, MV

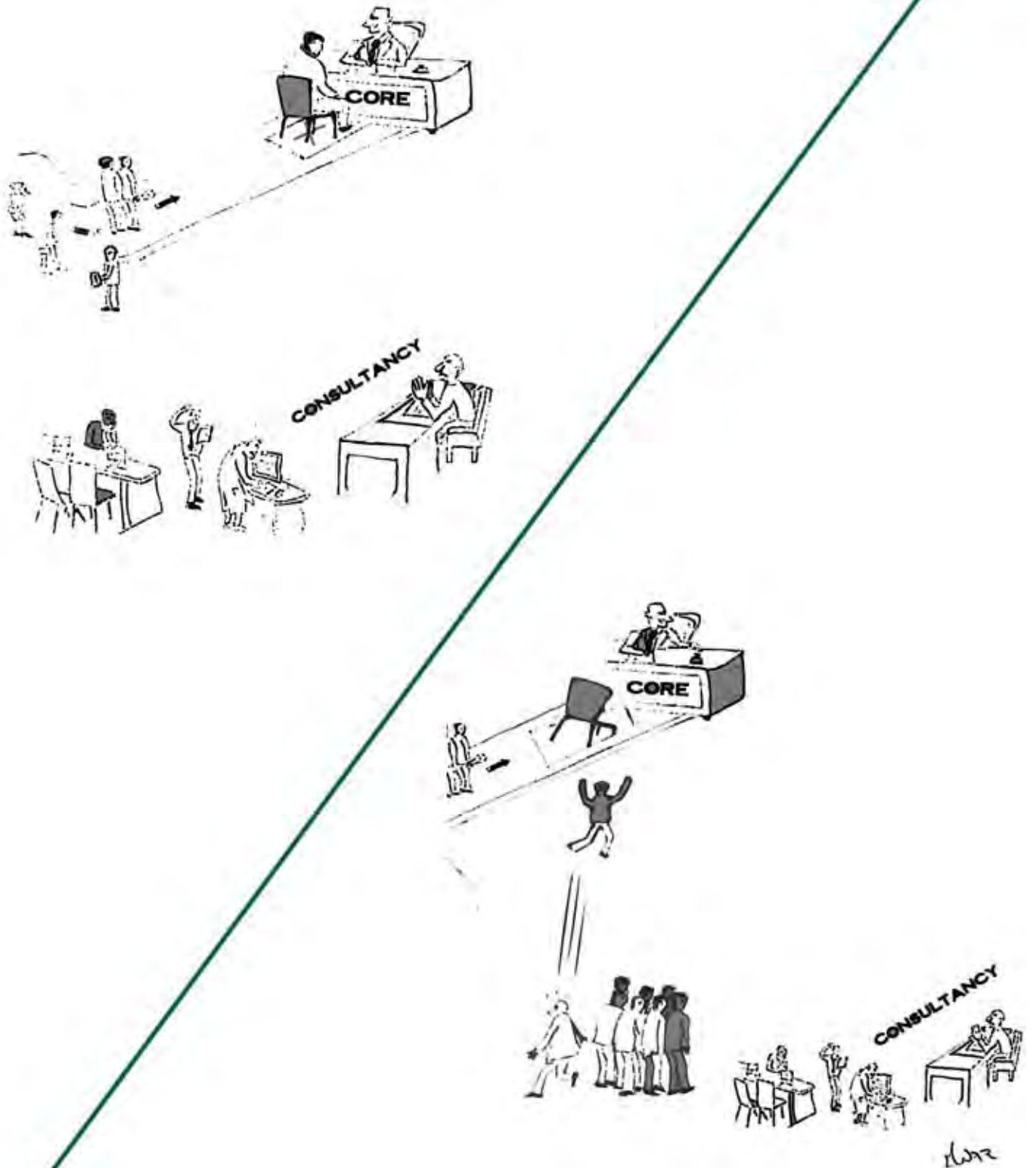
Over the years, the etiquette of the organisers has reached new heights. The overall score schema could have been in accordance with the difficulty of the task. The events were competitive and challenging. The participation of the host (GCT students) in an inter-collegiate fest was felt a setback. The food served was hygienic and delicious. The registration fee was worth spending.

GCTian

The potpourri of events graced the day. The debate was the limelight of the day. The events were entertaining. Congratulations to the MV organisers. We are looking forward to the next edition.



Toonscape





SJC - Team



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