

There is no conflict between the ideal of religion and the ideal of science, but science is opposed to theological dogmas because science is founded on fact. To me, the universe is simply a great machine which never came into being and never will end. The human being is no exception to the natural order. Man, like the universe, is a machine.

Nikola Tesla

"Be careful who you trust, the devil was once an angel."

POWER 2013-2014

Annual Magazine of Electrical Engineering Department

Indian Institute of Technology Kharagpur

Head of Department: Prof. Siddhartha Sen

Patrons: Prof. Bosukonda Murali Mohan

Prof. Tanmoy Bhattacharya

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Associate Editor: Akshay Kumar

Associate Editor: Gursewak Singh Sidhu

Student Advisor: Prashasti Agrawal

Mentor: Rituraj Gautam

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Any suggestions, comments are most welcome and can be messaged to the Society's Facebook Page. The Editor also expresses his acknowledgements for the following people who have been an immense source of support in every part of the various stages of Publication.

EVENT CO-ORDINATORS

Venkat Sainath

Shivang

Pradeepa Das

Shristi Agrawal

Amandeep Chanyal

Rangudu Harishankarpavan

Hemant Agarwal

Arun Neelimegham

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PURPOSE

PAIN

নাজুকদিলবালে

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ALLURING BEAUTY

DELINEATION

RESPECT

Prof. Siddhartha Sen

Karan Jain

Tamanna Singh

Parijat Bhowmick

Akshay Singh,

Gursewak Singh Sidhu

Third Year Heads'

Prashasti Agrawal,

Rituraj Gautam

Sebin Mathew

Karan Jain

Akshay Kumar

Debarati Banerjee

Tamanna Singh

Karan Jain

Rituraj Gautam

Gursewak Singh Sidhu

Sebin Mathew

Shalvin Kumar

Sebin Mathew

Syed Rahman

Amandeep Chanyal

Amandeep Chanyal

Abhishek Kumar Agrawal

Abhishek Kumar Agrawal

Amandeep Chanyal

সবীতালংগকম

Asmita Bose

Anwesha Sengupta

Anwesha Sengupta

Banibrata Mukherjee

Avishek Adikary

Anwesha Sengupta

Amit Kumar Singha

Deepika mallyk

Sabita Langkam

PHOTOGRAPHY
FAMOUS SCIENTISTS
HAPPENINGS IN AND AROUND
A QUICK REWIND
HONOUR ROLL
TAGS

FROM THE HOD'S DESK

I congratulate the members of the Editorial Board of POWER for their efforts in successfully bringing out this volume with an interesting collection of articles. This magazine, which is almost entirely the result of hard work on part of the student members, symbolizes the enthusiasm, ability and aspiration of all the members of the Electrical Engineering Society. On behalf of the faculty and staff members of the department, I convey best wishes to all the outgoing members of the Electrical Engineering Society for a happy and bright future.



Prof. Siddhartha Sen
Professor and Head,
Department of Electrical Engineering

MESSAGE FROM THE PRESIDENT, EE SOCIETY

Electrical Engineering Society observed another great session 2013-14. The several events were conducted for the students during the session; excellent team work of office bearers assured successful execution of the plans and well conduct of the events. As a society member, I would like to share my experience.

I remember well, that eve of Freshers' welcome at Kalidas Auditorium, August, 2013. The performances by the new comers captivated the audience. Professors and the students had a wonderful eve. The Vice-President, Tamanna Singh held the stage for entire show and hosted the same very well.



It was an inaugural event by EE Society for the session and everyone was impressive in execution of the things. And then, the journey began...

The Teachers' Day celebration, 2013 was filled up with interesting quiz and great messages from the dear teachers. We are always grateful to them for being with us as a constant source of inspiration and guiding us at every moment.

The "Discharge", conducted for the 1st year students in January, 2014 was exciting and good participation was recorded.

Then, the Alumni Meet in the New Year! It was a pleasure to be a part of the eve when we were listening to the experiences of the Alumni of IIT Kharagpur. The heights those great people have achieved in their lives would be an inspiration for the youth who are going to be the future of the nation. The meet was not just engaging but enlightening as well.

The two industrial trips- Budge Budge Power Plant, Kolkata and Tata Power Plant, Jamshedpur conducted in February and March, 2014 respectively provided good exposure to the students to the new environment. They were quite informative from several aspects. Sincere thanks to Tanmoy Sir for organizing the same.

Sports events- football match, cricket match held in March, 2014 played an important role in bringing everyone together and gave an opportunity to the youth to show the athlete instinct in them!

Furthermore, a MATLAB workshop held in March, 2014 for the second year students received excellent feedback and the students found it interesting and helpful.

I would like to say, the consistent hard work, good co-ordination and mutual understanding among the team members proved to be fruitful and received applauds. The same assured a successful session!

The Vice President, Tamanna Singh; General Secretary, Nishant Kishore- your roles have been vital throughout the session. The Third Year Heads'- Gursewak Singh Sidhu, Ankit Kumar, Kanika Bansal,

Deepika Mallyk; Representatives- Arun, Hemant, Shristi, Pradeepa, Shivang, Amandeep, Sainath and Harishankarpavan, I appreciate your sincere efforts for the session. Also, I would like to acknowledge Prashasti Agrawal and Rituraj Gautam for their significant support. Moreover, we are grateful to Prof. Tanmoy Bhattacharya and Prof. BM Mohan for their constant guidance.

Sincere thanks to Parijat Bhowmick, Akshay Kumar, Gursewak Singh, all the office bearers, the students and the professors of the department for their contribution to POWER 2014. Gursewak Singh Sidhu has been remarkable in his dual role.

It has been a great experience to be a part of the excellent team and we all enjoyed working in a friendly atmosphere.

For the years to come, may EE Society keep up the spirit and continue with the good work. Best wishes to the society and the future office bearers.

Here, I would like to address dear students-

Efforts do turn out to be fruitful. You need to be patient and keep working. Consistent hard work has always been the key to success!

Besides this, one thing I would like to say,

It's not just engineering or science that we learn during our stay over here; we learn time management as well. Meanwhile, the experiences we gain remain in our memories forever.

On the behalf of the office bearers of EE Society, I wish all the best to the students and scholars for their studies, research work and the career ahead.

May everyone achieve heights of success!

God bless us all

Karan Jain
President

MESSAGE FROM THE VICE-PRESIDENT, EE SOCIETY

Heya Battians!

First things first - sincere apologies for the delay in writing this (again, sorry Sidhu!).

I cannot be more grateful to Prof BM Mohan and Prof Tanmoy Bhattacharya for all the support and encouragement they so lovingly bestowed upon us. I also thank Rituraj and Prashasti for their "unconditional support" throughout the year. This year, the society went a step ahead and truly emerged as a liaison between students and professors of the department. In the capacity of Vice President of the society, I pitched the idea of a hobby center for students of the department which was encouraged by professors. I hope the hobby center is up and ready in coming years. Also, for the first time this year, we created an online forum with all UG and PG students to exchange thoughts, ideas and views on various happenings in the department.



This past year proved to be a roaring roller coaster ride for all office bearers of electrical engineering society. It started with a fun (I mean FUN!) first years' welcome (read orientation) session. While some of them were struggling to remember full names of their halls of residence, others played guitar, displayed karate and taekwondo prowess, sang songs and recited self-composed poems (gosh, aaj kal ke bachche!). After this, Teacher's Day celebrations gave me the opportunity to play quizmaster to all professors of the department. It ended with remarks from most professors that if I ever became a professor, my students will have a very tough time! The freshers' quiz, Discharge, helped fachchas discharge their knowledge with various fun side events on the go. Industrial trips to Budge-Budge plant near Calcutta and Tata plant in Jamshedpur helped students gain exposure to applications of classroom concepts in industry. We introduced MATLAB workshop for first and second years this year, which saw enthusiastic participation. It was aimed at honing their skills for internships and any projects they would want to pursue within and outside the department. While interactive session with seniors for internship and placement funda proved to be a great success, Footer and Cricket proved to be the cherry on the cake, with participation from all batches of UG and PG. It was Team Edison vs Team Tesla, which essentially means - it was WAR! I admit with a chuckle that the most memorable performances were displayed by students who had never played footer and cricket before! However, my most cherished experience was conducting the annual Alumni Meet. They shared priceless details of their undergraduate lives here – bunking classes (without the aid of gmail and Facebook, mind you), copying assignments, electrical technology lab and machines lab viva experiences, experiences with (near zero) female batch mates etc. It was heart-warming to watch friends get together and reminisce about good old days.

The sole purpose of increasing participation and pumping more fun into various events this year was achieved due to gigantic efforts put in by my team – Karan (the He-Man), Nishant (the patient, responsible and handy GSec), Kanika (the cool treasurer), Sidhu (I wonder what we would do without him), Ankit (amazing tempo) and Deepika (the happy-to-help web head). I am also grateful to my pillars, second year representatives, for all their hard work and night-outs - Amandeep (the photoshop guy – poster check 1, poster check 2, poster check 3 ...aah!...), Sainath (always ready with a smile), Pradeepa (the dude, enough said!), Shivang (the tempo guy -

“Tamanna, cricket kab hai?”, “Tamanna, workshop kab hai?”) and Harishankarpawan (an awesome team player).

As I draw to conclusion, I would like to appreciate the rise in participation from UG students in events and activities of the society this year. It was a welcome change and I hope our efforts continue to bear fruit for the society next year to help the new office bearers organize more events, reaching out to every Battian in the process. Being a Kgpian isn't easy. We have intra-hall, inter-hall, national and international events that keep us busy for most of our time away from mugging. But being a Battian is so much more. The legacy of Batti helps us come closer and become friends for life. I consider myself extremely fortunate to have something that is so hard to say goodbye to. I hope and wish you all have the same when you graduate from this place. So make the most of everything, while you still can.

Here's wishing you success in all your endeavours.

Tamanna Singh
Vice President

EDITOR'S NOTE

It is a task of considerable responsibility to bring out the "Power", the Annual Magazine of the EE Society, to showcase all the events and activities organized in the Department for the past year. The Editorial Team is very happy to announce publication of the magazine on the occasion of the Departmental Farewell. The Editorial team express heartiest thanks to Prof. Siddhartha Sen (Head, Dept. of Electrical Engineering) and Prof. Tanmoy Bhattacharya, Prof. B. M. Mohan, and Prof. Karabi Biswas for their valuable suggestions, encouragement and continuous support. We are also grateful to the faculty-members and students who have contributed articles and shared their thoughts in the form of articles and photographs. The publication of the magazine would not have been possible without whole-hearted participation from their side.



Accumulating and arranging the information is something of a herculean job, given the punishing academic schedule. We have tried our best to bring out the volume at the right time and in the proper format. We faced a lot of challenges, missed several deadlines but managed to overcome it at last. In this regard, I would like to thank all the EE Society members, especially Gursewak Singh Sidhu, Akshay Kumar, Kanika Bansal, Tamanna Singh, Nishant Kishore, Ankit Kumar, Deepika Mallyk and Karan Jain for their extensive support. They have worked very sincerely to make this project successful.

This year the EE Society has organized two industrial trips back to back. We have arranged for a Matlab workshop for the first time for the 2nd year B. Tech students. Departmental T-shirt design contest has also been brought up. A lot of other activities were also held throughout the year.

Finally I would like to thank all the office bearers of the Electrical Engineering Society for extending their support. I would also like to mention Anwesha Sengupta (Editor, Power 2013) for her valuable guidelines.

Parijat Bhowmick
Editor

ASSOCIATE EDITORS' WORD

On the threshold of the release of Power Magazine, it gives me immense pleasure to realize that Electrical Engineering Department, renowned all over the campus as one of the most "maggu" (boringly sincere) department, can showcase the latent talents lurking inside its apparently "maggu" students which at gentle poking can blossom into overwhelming writings expressing experiences, feelings and learnings or unbelievable portraits. I hope that we, the editorial team, have done justice to these ingenious creations.

"A good editor is like tinsel to a Christmas Tree...they add the perfect amount of sparkle without being gaudy"....



Akshay Kumar
Associate Editor



"When I'm my own editor, there's very little difference between the first draft and the final. I write what feels right to begin with. I rarely make any major changes."

So following the principle, we have tried our best to bring out the best literary works of the colleagues. Claims that the edition is without error makes no sense and all constructive criticism is most welcome. Heartily thanks to all the artists who gave up their precious time to contribute to the magazine and make it a success.

Gursewak Singh Sidhu
Associate Editor

HEADS' REMARKS



The stint as the post of the General secretary of the Electrical Engineering Society not only helped me in enhancing my decision making capability, leadership skills, team building skills and perseverance but it also taught me what it means to be a part of something larger than yourself, how to work with a group to accomplish a shared goal and how critical it is to make every member of the team feel important, included and motivated. I would like to thank Prof. Tanmoy Bhattacharya and Prof. B. Mohan for not only providing us this great opportunity of serving the department but also whole-heartedly co-operating us throughout the year. I am also thankful to all the office bearers for their help and support

for the entire session we were basically inclined towards organizing various events in the department which were not just the means of entertainment but they also strengthened the bonding between different batches of students.

Nishant Kishore
General Secretary



It has been my pleasure to serve the society as event head during the tenure 2013-2014. Well with power comes responsibility and your failure to reflect on it depicts your character. The dual role of being event head and associate editor squeezed my time and writing this sends a shrill of relief through the nerves. The journey was full of hurdles, it wasn't so easy to plan, manage and execute the events. A lot of thanks to mentors for their counsel and providing directions in times of need. I express my gratitude to Prof. Tanmoy Bhattacharya and Prof. B. Mohan for providing me an opportunity to serve the departmental society. A great up vote for President Mr. Karan Jain and Vice-President, Ms. Tamanna Singh, for their

Support and guidance. A special vote of thanks to my batch mates and representatives who helped me a lot and made this stay in society a memorable one.

Gursewak Singh Sidhu
Event Head



This was my first year as an office bearer in EE society and I would call it an exciting but bumpy ride. We aimed for the participation from all batches throughout the year. We tried to introduce new events and make the existing ones better. What motivated us was the enthusiasm shown by first years. Being associated with the department activities closely has given me an opportunity to interact with all the professors and I would like to thank them for their support, knowledge and guidance through the year.

I would also like to thank my seniors, fellow members and all the representatives who helped to make work fun!

On this note I would like to end my message and my journey in Electrical Engineering Society as treasurer.

Kanika Bansal
Finance Head

Looking back at my tenure of office-bearer of EE Society, it has been an amazing experience. With the blessings of our society patrons and guidance of the advisors, we introduced several new events and improved upon the existing ones. I had a great time working with such an exuberant team.

Our journey has seen some rough patches as well. But we were constantly motivated by the vibrant and vivacious participation of the Department. We bonded with our seniors, professors and alumni in various ways and on numerous occasions. I hope that such a breathtaking journey never comes to an end and on numerous occasions. I hope that such a breathtaking journey never comes to an end.



With the hope that our successors will continue this legacy, I sign off as the Sponsorship head of EES

Ankit Kumar
Spons Head



I express my gratitude to Prof. Tanmoy Bhattacharya and Prof. B Mohan for providing me an opportunity to serve the department as Web Head. Throughout my tenure, I learnt from every individual belonging to this dedicated and hardworking team. Proud to say that every event was successful in terms of both organisation and participation. Special Thanks to Karan Jain and Tamanna Singh for their continuous motivation and guidance.

Deepika Mallyk
Web Head

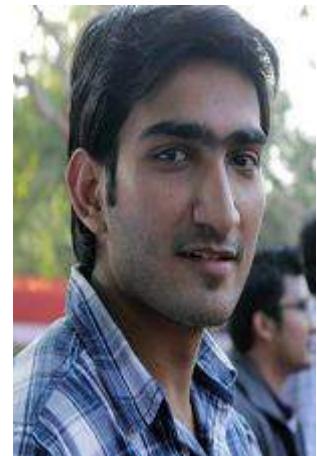
STUDENT ADVISORS



With my tenure closing in for good, the least I can say is that the experience was fulfilling and great. I am happy to have been able to serve the department society as the treasurer last year and as the student advisor this year. A journey of ups and downs, a journey where I made numerous new friends, a journey where our department bonded in ways it had never before, a journey full of moments of fun as well as despair and a journey full of challenges and opportunities. With the hope that our successors will carry forward this torch with the same zeal and enthusiasm, I sign off as the student advisor of EES.

Prashasti Agrawal
Student Advisor

Every year when the office bearer's in the society are asked for a write-up, its mostly after the Farewell, but this year we wish to release the magazine on farewell and hence everything is happening at a faster pace. Well let me start by commending the efforts of all the society members. Exceptional performance by everyone on their part. This year the strength of the Society was more and that turned out to have a positive effect. One regret that I had even this year was that we could not have our Department fest even this year Hopefully the next batch of office bearers will take this into account and we could have a fest next year. Other than that, great show everyone, n all the best for the Farewell. You guys rock...:)



Rituraj Gautam
Mentor

THROUGH HIS EYES

It was drizzling as he waved unto them his hands one final time. He quickened his pace towards his hall past an array of bicycles. The rain had washed away his tears, or so it seemed to. He bore the weight against the stairs and reached the open door of his newly allotted room. There was no one around. He unfastened the strap of his watch as he heard the noise of a distant train blasting across the boundary wall. Just when he had pulled in the drawer of the study-table, he found a neatly folded note with conspicuously strong impressions covered in shades of dust. As the dim light of the impending sunset cast upon his room, he took to his bed unfolding the note to read on. "And after a day of breezing across the monsoon blessed lands, I finally dropped off the blue box to find myself surrounded by a deluge off baggage and like any other time, the train halted by the farthest platform. An hour later that housed stories trivial, I found myself at the gates of KGP, amidst heavy rain that only embellished my ecstasy before I realised I was totally drenched and hence had successfully passed the first step towards being a KGPIan.

It does take a while to sync yourself with the ambience around, for it's the same place you wouldn't want to let go of in a couple of years. True, this is not even remotely close to what you'd be feeling even with your most lucky right foot into the musty hostel room and having unfortunately and ofcourse, unhelpfully had a bite of the mess food but believe me, you will survive for you need to narrate the same tale years down the line. With a brand new cycle and friends in plenty to trade the 'insufficiencies' for 'bhaat' sessions, it will only be a matter of time before you snap out of homesickness, although I would like to gag your thoughts mentioning that six-legged creatures are soon about to become your unloved neighbours.

And just like any other offbeat symphony are academics as you'd keep reckoning as to why the class rooms are only ever destined to remain empty, praying for attendance and some sensible power saving. At the same time, it is equally interesting to learn that the Central Library that seemingly bears the image of an empty city on regular days suddenly metamorphosises into a carnival of which you would apparently become a part too, err....you will know when! And just when the layers of sweat seem to bid goodbye as you trail along the corridor, curiosity pulls you onto a deceptively designed poster that reads "Recruiting First Years!". Are you sweating bad? Oh, then turn around, get yourself into some pedalling and go wherever the poster says you to. Many a posters will pop up and if I were you, I'd be more than willing to take that ride for if you don't, you'd be like the bee that missed the flower and do mind that regrets just don't vapourise. Weeks into your innocent steps that will one day lead you towards the end of the journey that you wish could only be postponed, your yearning for a laptop will lobby you into buying one, but only to catch the virus of facebook and DC++ and haven't I told you yet, there's neither a vaccine, nor a cure. With mess food turning into a daily delirium, you will soon catch the scent of eateries in and around KGP. Many a times, the induced night sleep appears to be an enemy you will keep yourself away from and it is perfectly fine to be so, the perils of which I will not discuss here because sometimes there is simply more to learn than be taught. Occasionally, the walls of B.C Roy Hospital may be those you'd be peeking at. While poltergeists do hover about in the time of exams to aggravate your exam blues, none can save you from the beasts of GPL for everything in this world comes at a price!

Every one of your steps will make it count. Be it the extra academic activity you weren't expecting at all, the fests that will lift you away or the Kolkata visits and the parties, everything has something to teach. The sad part is that one day it's all gone. No more late entries to classes, no

proxies, group study, the fun together at fests, the sarcasm, the lighter moments, those petty discussions and all that dilly dallying that actually plays a part into making you an KGPIan for what it is to be one, it's all a chapter 4 years long that indeed is short enough. So when we are here, we make the most of it. And those who expand their circles to a versatile level, rise above the others and yes, they'll be honoured, they'll be remembered."

The note shone under the pedantic sun set. He felt like time had coagulated around those escaped seconds that showed him into the gates of a world only known to few. There were apprehensions entangled around expectations, 'bhaat' before action and the urge to get on the wheels. He slid it into his pocket and was on his way to the mess when his roommate ran into him and even before anyone opened up to speak, he nodded his head to "Peace hai!".

By: Sebin Mathew

INTERVIEW OF PROFESSOR S K DAS

With Karan Jain

Saturday, 15th March, 1000 hrs

(Good morning, Sir. On the behalf of Electrical Engineering Society, I would like to thank you for giving us an appointment for this interactive session.)

(Sir, here we can start)



Please share your experience of under-graduate days

Naxalite movement was going on in Kolkata, in fact West Bengal. It made life difficult in Calcutta. I would have done Physics Honours in Calcutta University. Selection at IIT prompted me to come over here. I joined IIT Kharagpur for B.Tech (Electrical Engineering) in 1970. In 1975, I passed out.

- **Sir, the UG hall you belonged to?** Patel Hall
- **The academics, your overall CGPA/percentage?** 75.5%
- **The hostel/campus life?** Enjoyed the campus life like any other student does. Food used to be a bit tough in mess. Hostel canteens were there but restaurants and all were not much at that time.
- **Your favourite teacher?** Prof. Venkatratnam, Prof. Keshava Murty, Prof. Rajagopalan
- **Your favourite subjects?** Laboratory classes and mathematical courses used to be my favourites.
- **Night outs for exams?**

I was a reasonably consistent student and kept myself updated with the lecture classes. So, exam time was usually not hectic.

- **Extra-curricular activities, sports, hobbies?**
 - (i) Sitar
 - (ii) Anchor for Tug of war- I had a good built!
 - (And Sir, you've maintained it till date!)
 - (iii) Swimming- I do these days as well (Great!)

- (iv) Contract Bridge- It's a game of cards! National and International level competitions are held for this game. I've continued playing this. We play it at the staff club near Tech Market!
- (v) I used to participate in inter-hall activities. I was Patel Hall member during Spring Fest.

- **Sir, what motivated you for choosing Engineering?**

The academic interest in Physics and Maths motivated me. The academics have been my childhood interest.

Post Graduation-

I joined for the M.Tech Programme in 1975 and completed in 1977. I stayed in JCB Hall.

- **The difference you could say b/w UG and PG academics?**

Those who have gone through the UG courses of IIT, PG courses are not that difficult.

- **Any possibility of improvement at Post Graduate level?**

To motivate UG students of IIT towards PG courses, up-gradation is required. Also, this thing has to be kept in mind that students from diverse colleges come to IIT for the post graduate studies.

Well, standard of PG teaching could have been better.

- **Labs used to fascinate you and you found them more interesting. Sir, I would like to ask, PG students and final year UG students are offered similar experiments, lab courses. Any scope of improvement? Any suggestion!**

Regarding labs, I would like to mention, up-gradation of laboratories is always welcome. Moreover, it should be a continuous process. For PG students, some more challenging experiments could be introduced.

PG study standards could be raised and could be made somewhat more challenging. Improvements in teaching as well as laboratories are welcome.

- **What is expected from-**

(Teachers' viewpoint)

- (i) **BTP?**

Some aspect not covered in the theory class; some experiment not covered, then doing that can be worth! The knowledge acquired during the graduation, using that for implementation of the known things even, would be fine.

(ii) MTP?

Some originality is expected! Even Δ amount of contribution is appreciated!

- **What's the Difference b/w M.Tech and MS? Which one should be opted and Why?**

MS is project oriented and the student acquires knowledge of a very specific domain. He/she has to help the Project Investigator in completing the objective. It's a kind of limited learning. M.Tech still has a broad area of learning, comparatively.

Regarding preferences, In India, it's often that students go for MS if they couldn't get M.Tech! But the case is not the same in foreign universities.

Doing Ph.D

After completing M.Tech in 1977, I started some research work at IIT Kharagpur. Also, I joined Radio Physics Department of Calcutta University as a faculty member. Then later, after returning to IIT, I was full time faculty at the Department of Electrical Engineering, IIT Kharagpur from 1984 as the rules were like that- candidate pursuing Ph.D could be a full time faculty. The scenario is entirely different these days.

Those days, people would rarely opt for Ph.D. One thing, I would like to mention- doing Ph.D and getting Ph.D are two different things! Trend of getting Ph.D was observed, once private colleges came into existence! Well, while doing Ph.D and after completing the work, I submitted my Ph.D Thesis in 1986.

- **Your guide?** Prof. P K Rajagopalan
- **Your Ph.D work?** “Infinite Determinant Methods for Stability Analysis of Periodic Systems”
- **From your experience, what is Research?**

Some amount of originality is expected from the scholar pursuing Ph.D. It can be the improvement in existing work or development of new one. Human species can progress if there is an urge to create something new!

(From your past)

During those days Ph.D was tough in the sense that these computational tools like MATLAB etc. were not there and we had to do all required coding even for calculating matrix inverse, in FORTRAN or C. The computer those days were like one for 200 students. You needed to submit the code to operator. It could take 2-3 days for execution. The things were not that easy. I remember well, when I was granted Rs 3000/- to carry out a part of research work at Regional Computer Centre, Calcutta when my assistantship used to be around Rs 550/- per month!

(And salary of a teacher?)

It was around Rs 700/- to Rs 1000/-, don't remember exactly. Government scale!

- **Life of a scholar- working hours in Lab., stress management!**

It is not like a job where you just think of your work during the working hours and never after that. It's not about the fixed number of hours. It's something that's in your mind, 24*7. I mean to say, even if you are not in your Lab., the research problem is in your thoughts irrespective of the activity you are doing. Of course, sometimes you just need to freak out, give yourself a break and come back as refreshed and enthusiastic!

- **Finding research problem?**

Well, the guide can just give the broad area and direct at certain stages. One may not expect that the guide will assign a ready problem for pursuing Ph.D. The task is to be done by the scholar!

First year, scholar is just under the total guidance and like a student pursuing some course. Second year, level equals! Further years, scholar takes over the things and the responsibilities are more!

- **When do you say it to yourself- Ahhh, I am done with my Ph.D or that's just the guide who will say!!!**

The situation is never conflicting, first of all. Mind it; you will say it to yourself- Eureka!!! I've done it. Your guide will be knowing at the same moment.

- **Is it mandatory to get your work published in some journal while doing Ph.D?**

Considering the sensitivity and the risk factor involved with the new work, it's always safe to communicate your work to a journal and then keep on carrying out with the things. Everyone prefers to keep safe!

- **Your favourite journals?**

(i) Automatic Control, IEEE Transactions On

(ii) Automatica, A Journal of IFAC, the International Federation of Automatic Control

Experience as a Teacher-

(The whole life dedicated to academics! It has been a long journey—Sir, a few words, please...)

I've always enjoyed the interaction with students and have loved to teach them. Sometimes, I am little harsh when I feel someone is not taking the academics seriously. The intention has always been for the well being of student. Sometimes, the harsh words could have been avoided. These days, I don't use them much as I used to in early days. But, they were always for the improvement of students at their academic level.

- **The subjects you love to teach?**

Control system courses, both undergraduate and post graduate level! I've taught UG courses like Measurements and Electronic Instruments, Signals and Networks and some more except Power System courses. Also, I've taught courses like Optimal Control, Non Linear Control. In this semester, I'm having Advanced Control Theory.

- **The Teaching Philosophy!**

To begin with, I present the problems that have already been tackled, so far. I don't believe in just imparting the bookish knowledge. Finally, I like to present open problems in front of my students. Those unsolved aspects that our brilliant minds would solve someday!

- **Favourite Authors, books?**

I've studied lot of books of several authors. The word favourite is inappropriate in the sense I feel it would be injustice to others if I say someone to be my favourite.

One thing, I would like to add, one shouldn't quote bookish knowledge without understanding. Moreover, the author who has written the book is also a human being like us. You should think, analyze and understand the things before you quote.

- **Research Interests?**

Control Systems, Periodic Controllers

- **The first scholar, you guided which year?**

Well, I guided 1st scholar in 1995.

- **Sir, Do you think that TAs do their job well while assisting teachers? What is expected from them? Anyone- who did really well, Name??**

Well, it has been a mixed experience so far. It has been okay. Yes, most of them do well. Once again, I won't name and if I do, it would be injustice to others! No names!

I have been involved with TAs in Signals and Networks tutorial, several times.

In this semester, I'm having Electrical Technology Lab. of 1st year students. I asked the TAs to perform the experiments before the commencement of the actual laboratory sessions.

- **Experience as HOD?**

Yes, I was HOD for a period of two years. I think, 2005-07.

Also, I was President, Gymkhana during 1999-2001.

- **Sir, a casual question-** it is a general one for the scholars- The scholar who began Ph.D during 25/26, when should he/she marry—after Ph.D or in between? Considering the fact that Ph.D has taken 7-8 yrs in some cases!

Firstly, these are two independent things. Secondly, it varies from individual to individual and also depends upon the family and certain factors.

(Sir, when did you marry?)

I got married in 1982.

(Well...)

(Sir, you have been with the students, teaching them and guiding them. It has been a long journey and vast experience for you, as a student, as a scholar and then a teacher. The whole life dedicated to academics!)

Sir, your message to the students—

“Enjoy your work and you will definitely do well.”

Best wishes to the students.

(Sir, it's really nice to record your experience and there is a lot to learn for students. Students will find this one as enlightening. We are grateful to you.)

Good wishes for your research work and the magazine as well.

(Thank you, Sir)

Karan Jain

**(He is pursuing Ph.D at the Department of Electrical Engineering, IIT Kharagpur and is among the office bearers of EE Society.)*

MEMORIES

Here am I fiddling with pen and paper ,frantically searching and sorting my mind to write something for POWER Magazine....making my own contribution to the departmental magazine would be a good departing gesture to the department which has enriched me in so many ways. But every time I close my eyes to grope for topics, the monotonic sound of a running motor fills my brain and images ranging from lab reports to assignments to experimental apparatus come before my eyes. (Hell!! 5 years of Electrical Engineering course has really taken a toll on my imagination, passion for writing has taken a backseat...) Okk,,lets analyse what more has 5 years in IIT KGP done to me.....

5 years back I came as a "Raw Material" to be treated at the internationally famous "Process" called IIT Kharagpur. Back at that time I was a carefree kid simply ecstatic at the prospect of making it to IIT-KGP. Then it seemed like I have reached the zenith of success, achieved the unachievable.....and in a few years time I will leave this place as a "Controlled Output", "Settled" with a good job. Little did I know then how dangerous the "Process" is going to be, what terrific "Control Schemes" the professors here design not to let us deviate from their pre-determined standard, ie the "Set-Point" and how painfully the "Feedbacks" (yeah you guessed right, that's what we all dread the most...the sems and the class tests and the assignments) poke and torture us throughout the entire semester. Yeah, life or rather "Treatment" in this "Process" indeed seem forbidding and scary. But, no, even the "Control Schemes" has their turn of failure (quite rare though) as "Disturbances" of varying magnitude and Frequency arrives and introduce "Transient Fluctuation" in the output. The most effective disturbances which are worth mentioning are the Spring Fest and Tech Fest with "High Magnitude, Small Time Constant and Very Low Frequency" and the disturbances which are of "Small Magnitude with Medium-High Frequency" like Birthday Parties, Buddy Treats, Night-outs and so on. But no need to feel merry my friends, our smart professors have some ingenious and effective "Control Schemes" to "Nullify" the effect of the "Disturbances". Let me cite a few "Control Schemes" which are considered most fruitful.... the "Feed-Forward" (action is taken before disturbance affects the system) when a class test is scheduled on the day prior to Spring Fest, the "Cascaded" (two control actions are cascaded) when the professors of different subject get cascaded and schedule back to back tests in a single day and last but not the least "Ratio Control" when the professors announce at the very first day their marking strategy (the most popular ratio being 3:4:1:1:1 in midsem, endsem, class tests, assignment, attendance) which forces you to concentrate on each of the aspect throughout the semester to get a good grade.... So this "Controlling" , "Deviating from Set-Point" iterates for 5 years....

Now, 5yrs are over, I will be passing out in 2 months time. As I relive every moment of getting "Treated" in the "Process" , I realize that I have become a "Desired Output", maybe not the "Perfect Output", but my "Error" is within the "Tolerance Band". Whatever I am, whatever I have become, whatever I am going to be, I owe everything to this "Process" which has changed the "Raw Material" to a "Desired Output" and to those persons who has controlled and designed the "Control Process".

PS: I thank my department and my teachers for instilling in me the ability to analyze and analogize everything (even the mundane reality) into technical domain and add fun and colour to it. Yo Batti Dep! Yo IIT-KGP!!

By: Akshay Kumar

ADIE TO IIT-KHARAGPUR

Hi everyone.....I am an M.Tech student...and before I bid farewell to IIT-KGP, I feel this is the best way I can thank this institute, this department and my teachers for not only nourishing me academically, but also for transforming me into a different person and teaching me many valuable things which I wish to remember throughout my life...

As I slowly and carefully rewind my whirlwind of 2-year stay in this place, the first thing that comes in my mind is me crying uncontrollably in my hostel room after my family dropped me here and departed for home. I am painfully blushing now, even to think of that time, but that's how I was 2 years back, an immature newbie, first time living outside home, vicious ragging stories of IIT-Kgp told by Dad (a former IIT-ian) obscuring my mind. Even the thought of living alone among the proud and super-brilliant IIT-ians (B.Techs and Duals) for 2 long dreary years was giving me creeps.

Next day as I walked to Electrical Department, a thousand cycles raced passed me... I felt a total outsider and loner in the land of aliens. I stopped dead as I walked in the classroom...apart from my fellow M.Techs, fifty other odd aliens sat there, pen and copy at hand, ready to pin down every vibration that gets emitted from the teacher's vocal sac. Man, I freaked out...we, the mere M.Techs are expected to compete with them?? Still reeling under this heavy shock, got the next shock of life (pleasant one this time) when got to know that one of my class mate is a DRDO scientist. Wow!! Now it's not every day you get to meet such great personalities..and the prospect of being in association with him for 2 years was exciting enough to erase my other worries... Soon my misconception regarding the B.Techs and Duals broke as a few of them extended hands of friendship towards me. (Sorry guys, now I know you all are normal, modest human beings only, but sadly enough, trust me this misconception regarding you all prevails by large everywhere outside IITs :P). In a few days I realized how humble and down to earth people and teachers here can be. This is something I will never forget...

Campus life was Cool with a capital C. With lush greenery and flowering trees all around, with a wide variety of birds and innumerable squirrels infesting the trees, its really a picturesque and soothing place we have here. The 24-hr Wi-Fi and DC++ was an added blessing for us. But what appealed to me the most in campus life was the enthusiasm and zeal that the students here have for academics. Even at 12 in the night bicycles throng the parking area of Library...and the Maggu room (all-time-open study haunt) remains occupied till the wee hours of morning. For the first time I realized what true dedication really means...

Life in hostel was peace. Being blessed with a friendly and caring room-mate, there was nothing much to worry about except for the mess-food. Here also I learnt so many things...primarily the famous saying "Sharing is Caring". Previously the only person with whom I shared was my darling kid brother. But in hostel, there is nothing of your own. Everything belongs to everyone....this sense created a warm and strong bonding with the hostel mates.. I will miss this sense of unity when I leave this place... The mess-food has contributed its own set of teachings... Now even the simplest of the dishes cooked by Mom tastes heavenly. Even a simple and modest meal served in home, with utmost care and love makes me dance in appreciation.. Life in hostel has taught me to

realize and appreciate the small touches of care and love that parents constantly bestow on us, but which most of the time get unnoticed or ignored by us....

And of course the greatest pleasure that these 2-years has given is the monthly stipend and the freedom to spend. I am sure all the M.Techs and Duals and Research Scholars will gladly agree with me in this. How happy you become when you hear your mom's surprised voice mingled with ecstasy as she tells you over the phone that the secret gift you ordered online for her has reached her or when you take your family for a treat and gesture the waiter to come to you with the bill instead of having him go to your Dad or when you take your younger sibling for shopping and assure him that he can take whatever he wants?? I get unbound happiness to see my family happy...

Lastly before I wind up, these 2 years of life outside home has taught me to stand on my own feet, to decide what's good and what's bad for myself and take my decisions on my own. I feel, now I have become more matured, ready to go out and challenge the world, ready to take care and pamper my parents. 2 years back I came to Kharagpur as my Mom and Dads' li'l sweetheart but now I leave this place as my parents' grown up daughter. Thank you IIT-KGP for making me what I am today.

By: Debarati Banerjee

"My method is different. I do not rush into actual work. When I get a new idea, I start at once building it up in my imagination, and make improvements and operate the device in my mind. When I have gone so far as to embody everything in my invention, every possible improvement I can think of, and when I see no fault anywhere, I put into concrete form the final product of my brain."

Nikola Tesla

CONFESIONS OF A NERD - THE ONE WITH MY SEAT



It was one of those chilly winter mornings at IIT Kharagpur. You could see the sun up there but you couldn't feel it. To add to this misery, was a lecture starting 7:30 am (until 9:30 am). You would probably expect it to be sparsely attended. But nay! You see, the professor was a "little" concerned about attendance and we were sophomores. Enough said.

Some would choose to continue with the nap that had started at only 6 am after a long and tiring counter strike session, some would choose to have a hushed but fun bhaat session and a very tiny fraction would actually listen to the professor and take down notes. This last bunch of students comprised of the unsung heroes – the ones that the class needed but surely not the ones it deserved!

The classrooms we had were huge halls with rows spreading out over a ramp and an aisle in the middle, dividing the hall into two parts. I always sat in the second row aisle seat. That was MY seat. Most of my batch mates would rather not sit this up front and so my seat was always my seat, even if I were late. However, this happy routine had once faced a weird turn of events.

I stepped into the Tuesday morning 7:30 am lecture at 7:45 am. Out of a bland and boring habit, I simply walked up to my seat in the second row near the aisle when suddenly, I stopped dead to notice – THE HORROR! There was someone sitting in MY seat!

As I stood there in the aisle staring at the guy sitting in MY seat accompanied by his two other friends, I stood in full view of the entire hall of a hundred strong students gaping in disbelief at the

unexpected turn of events. The professor himself stopped teaching for a while and chose to watch in amusement.

Well I could do nothing, could I? With so many eye-witnesses, I had to keep that part of me that wanted to kill these guys under control. I still wanted the second row though. So I politely asked the guy, who also happened to be a senior, to let me in. Instead of standing up, which I had expected, the guys simply tilted their laps at an angle so that I could walk past and take a seat. Now I stared at them, they stared right back and any one remotely conscious of what was happening, stared on.

After what seemed like ages, the guys stood up and came out into the aisle, one followed by another. I then got in and took a seat three seats away from my seat. The professor now went back to teaching. I sighed a heavy sigh. Damn, I should have hurried up with breakfast. How could I take my seat for granted? Oh, what a terrible start to the day!

I could now hear giggles beside me (damn, you guys!). I could also hear hushed tones behind me. The world was suddenly a mean and nasty place for the humble nerd within me.

What followed next was pretty much in line with the craziness of the entire episode. Within five minutes, the three musketeers could not bear the pain of being seated in the second row in a 7:30 am lecture. They simply got up and sprinted to their (I am guessing) usual seats in the last bench.

The room cracked up, the professor had a gentle smile on his face and I smoothly slid back into MY seat, relieved. We then continued with the principle of working of a successive approximation type analogue to digital converter. All balance was then restored to the world!

By: Tamanna Singh

BE A FRIEND WITH YOURSELF!

We make mistakes, we learn, we grow up!

The time that we spend, the activities we do, the path we follow, the character we are, the achievements in life- all build up our identity in this universe!

In this world that is beautiful in its own way, we try to make our presence felt, we try to establish ourselves, we try to be successful in every aspect! This frames the characteristics of our lives.

Busy routine, long working hours, friends' community, and family time are the elements of the day-to-day life of almost every individual, now. Everything may look pleasant; everyone can have a balanced life, if we can talk to ourselves, few minutes a day! This is the thing that most of us miss and find it hard to maintain a balance between personal and professional life.

Here, talking to ourselves means giving time to ourselves!

Giving yourself a space brings a better person in you, every time. During this, you can simply sit in your room and meditate; you can listen to your music; you can read novels; you can write a blog; you can sketch a portrait; you can run on tracks; you can do yoga; you can hit the gym; and number of ways by which you can be with yourself. Interestingly, some of these become your hobby and you really enjoy it! This nurtures you every time, boosts your confidence and helps you keep your cool. An hour or even 30-40 minutes given to yourself make everything cheerful; and every day of the life glow, bringing happiness to you and your dear ones. You give importance to your work; give time to your friends, family and yourself. And busy life becomes interesting one, cheerful one & wonderful one!

Friends, I would like to say...

In this beautiful world, time is of utmost importance and is the best thing you can give someone, Of-course don't forget you!

To be a friend with someone, be a friend with you...

By: Karan Jain

"Being busy does not always mean real work. The object of all work is production or accomplishment and to either oof these ends there must be forethought, system, planning, intelligence, and honest purpose, as well as perspiration. Seeming to do is not doing"

Thomas A. Edison

DUAL K DIL KA DARD

Quoting from the song "Yaadein"

"Nagme hain, shikwe hain
Kisse hain, baatein hain...
Baatein bhool jaati hain
Yaadein yaad aati hain"

Well, as the semester comes to an end, the only thought that remains is that most of my best buddies would be graduating n we dual junta will be left in campus for one more year...n believe me when I say it, it is going to be a very difficult year to pass. Whenever I'll pass by some part of the campus, I'll be reminded of all the memories we have made together. Wo Veggies ki coffee, Flavour ka dance, veg-nonveg ki fights, and the endless bhaat and many more ..

Well nostalgia bohot ho gaya, coming to the positive aspect of being a dual...well this last semester was full of placement treats and we all had a lot of fun together thoroughly enjoying each n every moment together. Hopefully I have made some real good friends who ll keep sending me money whole of next year..... Well let me just thank all u b.tech junta once again, for being an integral part of the best 4years of my life so far. Dedicated to all those gud, bad, frust, machau, peace and loaded time's that we have spent together in batti..cheers n all the best to u all in all thr future endeavours of your life.

By: Rituraj Gautam

"I do not think there is any thrill that can go through the human heart like that felt by the inventor as he sees some creation of the brain unfolding to success... such emotions make a man forget food, sleep, friends, love, everything."

Nikola Tesla

LOVE

With dire needs of light
Humankind and wrath
Meandered through
And through
Quest of mother
Replace the slayed
Thou shall remember
Days of glory and feat
Feed, taken granted
Thy demands enraged
Attain thy needs
I perish
Tour the time
Through long space
Downcast again
I am exhausted
If only thou
Had heard
I cried
Though in vain
Son, I love thou
LOVE??
Matriarch thy love?
Its exhausted ,isn't it?
Love and Exhausted?
Thence thou hunt
Thou never deciphered
The cipher of "LOVE"

By: Gursewak Singh Sidhu

MY ALMA MATER

Her gleaming eyes, a star on earth
From cells in darkness, the roar of birth
The sojourn in glory; to a stalwart in time
A tryst with destiny, with verses that rhyme
From lights of lucidity, she stalked in the day
An embodiment of virtues and minds to pay
Her strides to count as the clock ticks away
With hype and harness, there the harvest lay
Her children who endure the darkness of night
Thorns that pricked but none to take a fright
Like numbers of firmament, aboard land
Pillars of audacity each held by a hand
And the passing breeze that carried over
In her arms, hurdles we bounced over
The caressing touch, the fruits that ripened
From twigs to boughs, bonds that deepened
An itinerary to pursue and shadow cast
An island; behold; the sailor on a lost ship's mast
To walk the path, the horizon at sight
To reach the zenith, behold! Her ever shining light

By: Sebin Mathew

“Let the future tell the truth, and evaluate each one according to his work and accomplishments. The present is theirs; the future, for which I have really worked, is mine.”

Nikola Tesla

POEM

I never tried poetry.
Neither read them.
Because with all deep meanings,
They made me no sense.
But it was all a matter of time
my love for philosophy,
and love for analogies,
were all embedded in it.
And the time has come,
when I attempt on it.
Although this is the first attempt
the moral it leaves behind is
"Never get limited."

The life is all open,
with all opportunities,
and no ends.
Keep experimenting,
because you never know
the time will come when you
are lucky enough,
about finding what you love.

By: Shalvin Kumar

THE CANDLE

On the table standing upright
With my cylindrical face
Keeping the flame with all my might
Till there be a waxy base
My tiny flickering flame, richer
Radiant and actively glowing about
And my name called out
When comes the darkness cover
From the richest colours, my build ranges
To the fetching of dimensions
I've lived on for ages
My name heard in all nations

Glaring is my sun like flame
I continue to glow and deliver
My flame, due to which my fame
And finally my case closed forever
Those endless tears I shed
On whose stable base rooted
I stand, my flame fed and red
And my flimsy body looted
Being so earnest at my work
I simply dissolve in course of time
My flame's last lurch
Guttering, the surface dark with grime
I work, to be of use I strive
For despite my sad fate
With potency, the flame I drive
To be any time wielded and never late
Unlike the match, that is at times
And that gets swiftly damped down

As I pore over at times
With on me the dazzling crown
I realised that it's futile
To remain sad
Though soon-to-die and fragile
Light and name spread, I'm glad
My trivial easy-uneasy life
That has to be reckoned with
My triumphant but short life
That I'm quite happy with

By: Sebin Mathew

BE-BASI

Chand ki tarah ho tum sirf deedar sakta hoon mein
 khawab ki tarah ho tum sirf dekh sakta hoon mein
 barish ki tarah ho tum sirf bheeg sakta hoon mein
 khushboo ki tarah ho tum sirf mehsoos karsakta hoon mein
 zindagi ki tarah ho tum sirf jeee sakta hoon mein
 kamyabi ki tarah ho tum sirf ummeed kar sakta hoon mein
 ek sawal tha mera " kya tumhe pa sakta hoon mein?"
 jawab mila "Aye Rahman. Teri kismat mein nahi hoon mein".

KHUSH NASIBI

Hum tum mein se agar koi bewafa hota
 To mohabbat ka raasta ek saza hota
 Hum khush nasib hein ke hame tum mile
 Warna hamara na koi pursane haal hota

KISMAT

Mohabbat mein insaan ki halat ajeeb hoti hai
 Dil mein yaad Ankhon mein tasveer hoti hai
 Kismat acchi ho to mulaqat hoti hai
 Warna kabhi kabhi facebook par baat hoti hai

KHAYAL

KUCH IS TARAH SE TUM BAAT KARTI HO
 KE LAGTA HAI KE SHAM AB DHALNE KO HAI
 KUCH IS TARAH SE TUM HASTI HO
 KE LAGTA HAI KE BARISH AB BARASNE KO HAI
 KUCH IS TARAH SE TUM CHALTI HO
 KE LAGTA HAI KE HALAAT SAMBALNE KO HAI
 KUCH IS TARAH SE TUM RUKTI HO
 KE LAGTA HAI KE ZINDAGI KHATAM HONE KO HAI

By: Syed Rahman

"गेंग स ऑफ केजीपी"

केजीपी में दो तरह के लोग होते हैं, एक जो जजदी और अडियल होते हैं और एक जो थोड़े आजाकारी और भोले होते हैं। कब कौन आजाकारी बन कर सब कुछ सह ले और कब कौन जजदी बन कर कट ले ये वो खुद नहीं जानते। बात कुछ महीने पहले की है, जब ओपी नामक प्रथा का आरंभ हुआ था। केजीपी की सेकींड ईयर जनता अब सब कुछ भूल चुकी थी, दौर था "फौममल्स", "हॉल मीटिंग्स" और "वर्विंग इंटरेक्शन" का। मैस में खाना खाना अब आम बात थी। हर एक के चेहरे में खौफ साफ नज़र आ रहा था। इन हालातों में दो गुट बन चुके थे, एक थी लोडेड "ऑप्ट इन" गेंग और दूसरी तरफ थी पीस मारू "ऑप्ट आउट" गेंग। ऑप्ट इन गेंग पहले टदन से ही फ्रुस्तापे में जी रही थी, ऐसे में अक्सर वो कैपस में अपना फ्रुस्तापा शेयर करते नज़र आ जाते थे और दूसरी तरफ थी ऑप्ट आउट गेंग, जो भले ही तादाद में कम थे पर हमेशा पीस में रहते थे। ये ऑप्ट इन्स के बीच में स्टड बने फफरते थे। बहरहाल असली मुसीबत तब खिंची हुई जब ऑप्ट इन्स को ऑप्ट आउट्स जनता ने नीचा टदखाने के ललए रूम पर खाना ऑडमर करवाना शुरू कर टदया। ऑप्ट इन्स अपने कमरे में हुई इस बेईज़ज़ती से बौखला गये और ऑप्ट आउट्स को हिकाने पहुँच गये। उनका कहना था फक इस आपविजनक घटना से उनका ईगो हटम हुआ है। उन्होंने ऑप्ट आउट्स को अपनी हद में रहने की ठहदायत दी जजसके उल्लींधन का अंजाम अच्छा नहीं बतलाया गया। इन घटनाओं के बावजूद ऑप्ट आउट गेंग नहीं नहीं सुधरी, और लगातार ऑप्ट इन्स को नीचा टदखाते चले गए। ऑप्ट इन्स और ऑप्ट आउट्स के बीच अब "ईगो वॉर" छछि चुका था, जजसमें भोले भाले ऑप्ट इन फ्रेंड्स को बहला फुसलाकर ऑप्ट आउट करवाया जा रहा था। इसमें LBS वालों की बहुत अहम भूलमका थी, जो अपने ऑप्ट इन फ्रेंड्स को रूम में शरण देने का लालच देकर ऑप्ट आउट्स की गेंग में शालमल करवा रहे थे। ऑप्ट इन्स यह जानकर काफ़ी हताश हो गये थे।

वर्विंग ओपी का समय अब आ चूका था, ऑप्ट इन्स की गेंग को अब नए बकरों की दरकार थी। सीछनयसम अब "कह के लेने" के ललए बेसब्र थे। कोई भी अकेले शूली चढ़ने को तैयार नहीं था। फच्चों को फिंडे देने के बहाने ऑप्ट इन गेंग ने LBS पर छापा मारा, जजसके फलस्वरूप अपने गेंग से बेदखल हुई जनता पीस मारती पकी गयी। ऑप्ट इन गेंग इनको "हॉल टेम्पो", "सीटीएम", "सेकी" का फिंडा देकर फफर से गेंग में शालमल करने में कामयाब हुए। ये उनके ललए बहुत बी जीत थी, वहीं दूसरी ओर ऑप्ट आउट्स हाथ धरे रह गये। धीरे-धीरे ऑप्ट इन गेंग फफर से अपना वचमस्व लहरा रही थी। वर्विंग ओपी के टदनों में दोनों गुटों के बीच काफ़ी गहमागहमी का माहौल था। "क्या-क्या हुआ?" जैसे सवालों से ऑप्ट इन्स को रोज़ जूझना पिता था। इसी आस में फक कभी तो ये सब खत्म होगा, वो अपने ग्रमों का धौंट वपए जा रहे थे।

अब ओपी खत्म होने के टदन आ गए थे, ऑप्ट इन्स को पहली बार मुसकुराते हुए पाया गया। कहने को तो उनके साथ बहुत कुछ हुआ था लेफकन उनके मुताबक ओपी उनके ललए बहुत फायदेमींद साबबत हुई। उनकी इन बातों ने पूरी ऑप्ट आउट गेंग को झाकझाओर कर रख टदया था। अपने साथथयों को यूं दारू पाटी में जश्न मनाता, सीछनयसम के साथ नाचता और सेकी बनता देख सारे ऑप्ट आउट्स रिंगभूलम छोड़ि भागने लगे। केजीपी में एक बार फफर ऑप्ट इन गेंग ने ऑप्ट आउट्स पर फफर अपना दबदबा बनाये रखा।

By: Amandeep Chanyal

END SEMS की एक रात

अर्धरात्रि का समय है, "End Sems" के भूत ने पूरे kgp को खौफज़दा कर रखा है। खाली पड़ी कैन्टीनें और वीरान सइके इस मंजर को बखूबी दराधती है। एग्जाम के डर से सारी जनता अपने-अपने मगपसंद स्थलों में छुप जाती है। 2.2 में चहचहाने वाले प्रेम-पक्षी भी अब अपने घोसलों में ककताबों की आधोष में बैठे नज़र आते हैं। Main Building के बहार साइकल्स का ताणता लगा देख अनुमान लगाया जा सकता है कक, लाइब्रेरी और मग्गू रूम अपनी आसन क्षमता की चरम सीमा पर हैं। लाइब्रेरी इस वक्त मंडिर की तरह लगती है जजसमें रेण लेकर जनता यह उम्मीद करती है कक वो वहां बैठकर घंटा बजाएं और उनका बेड़ा पार लग जाये।

इन दिनों मग्गू लोगों की दरकार में अनापेक्षक्षत उछाल आ जाता है। इसकी मुख्य वजह होती है उनकी जान से भी प्यारे उनके नोट्स। अपनी असीम सहनर्जतत और ननद्रा ननवारक तकनीक का बखूबी इस्तेमाल करके वह ये नोट्स बनाने में कामयाब होते हैं। अब इतनी मेहनत की है तो उसकी अच्छी देखभाल करना भी आवश्यक है। अकसर मग्गू लोग अपने नोट्स की रक्षा करने के ललए नए नए पैंतरे अपनाते हैं। कुछ उन्हें अपने त्रबस्तर के नीचे दबा के रखते हैं और कुछ अपने कपड़ों के बीच। हम जैसे आलसी और अड़ड़यल प्राणी जो या तो तलास से वलुप्त रहते हैं या तलास के ककसी रुँदले कोने में घोड़े बेच कर बड़ी बर्मी से सो रहे होते हैं। बस इस उम्मीद के सहारे की ककसी मग्गू के बगीचे से उसकी जी तोड़ मेहनत का फल हमें चखने को लमल जाये, वो भले ही उतना मीठा ना हो पर हमारे बोये नीम के फल से तो बेहतर ही होगा। बेहरहाल थोड़ी फाइट मारकर और थोड़ा sentiyapa मचाके हमें नोट्स तो हालसल हो जाते हैं और रुँरु होती है हमारा एंड सेम का छोटा सा सफर। नोट्स हाथ में लेकर ऐसा लगता है मानो नयी नवेली दुल्हन हो और तुमने उसे पहले कभी न देखा हो। मन में लाखों ख्याल आते हैं कक बेटा संभाल पाओगे या नहीं? धूँघट उठाने के पश्चात और थोड़ा जांच परख करने के बाद हमारा चेहरा देखने लायक होता है। थोड़ी देर के ललए तो दिल ये सोचता है कक आखिर मेरे साथ ही ये यातना तयाँ? हालांकक कुछ पल की मायूसी के बाद ये महसूस होता है की अब जो भी है उस को झेलना तो पड़ेगा ही और रुँरु हो जाती है एक नयी जंग। ये जंग होती है कागजों के उस तूफान में वो नैया ढूँढने की जो हमें साहिल तक ले जाए। बात हो रही है सटीक लसलेबस का पता लगाने की। यह काम बहुत बारीक एवं नाजुक होता है, एक सटीक लसलेबस में ना कुछ ज्यादा होना चाहिए ना कुछ कम। काफी मंथन करने के पश्चात हर कोई अपने स्वादानुसार एवं समयनुसार एक न्यूनतम पर्याधप्त लसलेबस चुन लेते हैं और कफर नए मेहमानों के ललए अपने द्वारा बंद कर दिए जाते हैं।

अब जब सारी औपचारकतायें पूरी हो चुकी हैं असली पारी अब रुँरु होती है, अब आलम ये होता है की ५ दिन का पररग्खण्ठ टेस्ट मैच अब २०-२० में बदल जाता है। अपने दर्दों में हम जजसे कहते हैं "वन नाईट फाइट"। कुछ पन्ने पलटने के बाद मजस्तक का भार बढ़ता प्रतीत होता है। ऐसे में एक काम जो हर कोई करता है वो होता है बचे हुए पन्ने गगनना और बचे हुए समय का उसके अनुसार आंकलन करना। अंक गखण्ठ का इससे बेहतर उपयोग तया हो सकता है भला। हर तरीके का गुणा भाग करके और थोड़ा समय और नष्ट करके हम यहीं परीक्षा कक्ष में प्रवेष करते हैं।

By: Amandeep Chanyal

PURPOSE

लोग कहते हैं, वह बहुत ही खूबसूरत है
 सोचता हूँ क्यों ना, उनकी गली से गुजर के देखते हैं
 लोग कहते हैं, वह बहुत ही कम खिड़की पर आती है
 सोचता हूँ क्यों ना, कुछ दिन ठहर के देखते हैं
 लोग कहते हैं, वह बहुत ही कम बातें किया करती है
 सोचता हूँ क्यों ना, कोशिश करके देखते हैं
 लोग कहते हैं, वह नहीं समझती जो मैं कहता हूँ
 सोचता हूँ क्यों ना, उनकी भाषा मैं कहके देखते हैं
 लोग कहते हैं, वह इनकार कर टेगी हमे
 सोचता हूँ, क्यों ना इजहार कर के देखते हैं

By: Abhishek Kumar Agrawal

PAIN

आज शाम हवा के उस झोके ने कहा मुझसे
 जानता है तू क्यों खफा हूँ मैं तुझसे
 तू मुझे तो याद अब करता नहीं
 संग मेरे तूतो अब बहता नहीं
 चलते उसके, तूने भुला दिया मुझे
 रोयेगा एक दिन, ना कोई चुप कराएगा तुझे
 हंसी आयी चेहरे पर मेरे सुनकर उसकी बाते
 बोला, यार, दोस्तों से रुठ कर नहीं ऐसे जाते
 माना की नजरों ने मेरे, दिल को है नचा डाला
 लोगों की नजरों मैं मुझे क्या-क्या है बना डाला
 मैं न वह जो, उड़ते हुए पैर जर्मीं से हटा लेता हूँ
 और न, मिलते हीं नए, पुराने दोस्तों को भुला देता हूँ

By: Abhishek Kumar Agrawal

नाज़ुक दिलवाले

हम नाज़ुक दिल वाले बस ऐसे ही होते हैं
 कभी बिना मतलब बहुत कुछ कह जाते हैं
 कभी भीड़ में भी चुपकी मोहोर लगाते हैं
 कभी तन्हाई में भी खुश नज़र आते हैं
 कभी भरी महफिल में भी तनहा रह जाते हैं ॥

हम नाज़ुक दिल वाले बस ऐसे ही होते हैं
 कभी सबका दिल बहलाते हैं
 कभी खुदको मायूस पाते हैं
 कभी यारों की खुशी में खिलखिलाते हैं
 कभी उन्हीं खुशिओं में रोते हैं, बिलखते हैं ॥

हम नाज़ुक दिल वाले बस ऐसे ही होते हैं
 कभी किसी के लिए बेहद खास बन जाते हैं
 कभी किसी खास के लिए आम बन जाते हैं
 कभी पल भरमें सबका दिल जीत लेते हैं
 कभी उसी पल में सब कुछ खो देते हैं ॥

हम नाज़ुक दिल वाले बस ऐसे ही होते हैं
 कभी पास रह कर भी न वापस आते हैं
 कभी मीलों दूर से पल में चले आते हैं
 कभी कम लकीत रह की चड़में खिल जाते हैं
 कभी रेत की तरह पानी में बह जाते हैं ॥

हम नाज़ुक दिल वाले बस ऐसे ही होते हैं
 कभी गुस्से में काफि कुछ कह जाते हैं
 कभी उससे गुस्से को मन ही मन सह जाते हैं
 कभी रौशनी में भी अंधे हो जाते हैं
 कभी अँधेरे में भी रोशन हो जाते हैं॥

By: Amandeep Chanyal

तेरे कदम पड़े जहाँ जहाँ

बदल गया मौसम

और बरस गया शबनम पत्तियों पर से
खुशी के बूंद टपक पड़े वहाँ-वहाँ
तेरे कदम पड़े जहाँ जहाँ ॥

फिजां में मिश्री सी घुल गयी है
और नज़रों को आज होश नहीं सोने का
गुल-बूटे फुट पड़े वहाँ-वहाँ
तेरे कदम पड़े जहाँ-जहाँ ॥

देहलीज पर दीया जाग रही है
और कपाट पर सजी गेंदे की लड़ी मुस्कुरा रही है
फूलों पर से पराग छलके वहाँ-वहाँ
तेरे कदम पड़े जहाँ-जहाँ ॥

तुम अकेले नहीं सफर पर
मुझकर देखो ज़रा, हमसफर बन मैं साथ-साथ चली हूं
अपनी मंजिल ढूँढ़ी वहाँ-वहाँ
तेरे कदम पड़े जहाँ-जहाँ ॥



By: सबीता लंगकम

এলোমেলোকথা

দেশবৰতীমাথা, তাজাআগুনকথা, সম্পাদককত্তা, লেখনীছোটায়-
যোগ্যাগৃহিণী, সমাজেমানিণী, ওনারীবাদিণী, আদালতেওয়ায়।
জিমেয়াওয়াকন্যা, বহজনকাম্যা, কলেজেঅদম্যা, ডাঙ্গারীপড়ে-
তাই, খুঞ্চুরেবুড়ি, প্রলাপেরবুড়বুড়ি, ছেঁড়াকাঁথামুড়ি, জ্বরেপুড়েমৱে।

- অঞ্জিতা

By: AsmitaBose

এলোমেলোকথা ||

দেশবৰতীমাথা, তাজাআগুনকথা, সম্পাদককত্তা, লেখনীছোটায়-
যোগ্যাগৃহিণী, সমাজেমানিণী, ওনারীবাদিণী, আদালতেওয়ায়।
জিমেয়াওয়াকন্যা, বহজনকাম্যা, কলেজেঅদম্যা, ডাঙ্গারীপড়ে-
তাই, খুঞ্চুরেবুড়ি, প্রলাপেরবুড়বুড়ি, ছেঁড়াকাঁথামুড়ি, জ্বরেপুড়েমৱে।

- অঞ্জিতা

By: Anwesha Sengupta

কবিতারজন্ম।।১

এবার একখন্দ নিভৃতি চাই ।
 আজ সমস্ত দিন
 দেনাগাওনার হিসেব বুঝিয়ে দিলাম শিশিবোতলওয়ালার কাছে
 খা খা দুপুর রোদে
 হাটতে হাটতে সে ঘখন মিলিয়ে গেল
 তুলে দিলাম ছিটকিনি
 এখন, এই মোহন দ্বিপ্রহরে
 একেবারে একা আমি,
 এই এক বারান্দা রোদ কেবল আমার, আমার, আমার !!
 আমি শুনব না আর পরিচিতের কঠম্বর,
 মাখব না আর অপরিচিতের স্পর্শ,
 কথার পিঠে কথা, আরও যত আকথা-কুকথা
 এবন যত কথামালা জাতক ও দীশপের গল্প
 ফেলে দিয়ে এলাম সিডির নীচে কয়লার ঘরে ।
 মনে রাখছি না আর কে কবে কানা দিয়েছিল –
 কে কবে কথা রাখেনি
 কে কথা দেবে বলেও ফিরিয়ে নিয়েছিল ইচ্ছুক মুখ
 বারান্দার থামগুলো দাঢ়িয়ে আছে স্থির হয়ে,
 রোদ এসেছে মরে,
 কার্নিশে জটলা করছে ঘরমুখো পাখির দল ।
 অঙ্ককারে কুচি কুচি বরফের মত
 ভাসিয়ে দিলাম আমার ঘর
 রঞ্জের টান আর প্রেমিকের আলিঙ্গন
 বলো, আমাকে অনেক দূর যেতে হবে
 একেবারেই নিরালম্ব হেটে চলেছি
 যেমন নিলিপি আসে ফাসির আসামীর
 থাম পিছে সরে যায় এক, দুই, তিন, চার -
 এই মুহূর্তে নিঃসঙ্গতা বড় দরকারি ॥
 অন্ধেষা সেনগুপ্ত

By: Anwesha Sengupta

বিসাচ্ছলাসডে ২০১৩

হঠাতে করে উঠলো যে রব RS-ডে কে নিয়ে,

কাজ করবে সবাই মিলে মনপ্রাণ দিয়ে।

সভা হল ২০৮ এ গুরুশিষ্য সাথে,

দায়িত্বভার বইতে সবে রাজী হাতে হাতে।

তারিখ আগস্ট ৩১ শে, ঠিক হল মেনু,

সবে মিলে ধার্য হল গার্গী মেঘেরী ভেনু।

গুণীজনের সমাগম আর শিক্ষাগুরুর কথন,

গবেষণার বিষয় নিয়ে সবার পঠনপাঠন।

জ্ঞানের কথার আদানপ্রদান বেজায় সবে খুশী,

ইলেক্ট্রনিক্যাল বিভাগ মোদের সুনাম অনেক বেশী।

সারাদিনের শিক্ষামূলক আলোচনার কথা,

শিক্ষার্থীর মনপ্রানে থাকবে হয়ে গাঁথা।

কাজ দেখালো সবাই মিলে, উৎসাহে মন গেল গলে,

বাহবা আর সুনাম পেয়ে দিন কাটল বেশ;

সাঁবোর বেলায় সংস্কৃতি, নাটক, গান, আর নাচ আবৃত্তি,

মাসখানেকের আয়োজনের চলল হতে শেষ;

সমাপ্তির এই বিষাদ ক্ষণে ব্যথা জমে মনের কোণে

কোথাও তবু থাকলো প্রাণে নতুন সুরের রেশ।

- বানীব্রত মুখাজী
By: Banibrata Mukherjee

পথ

পথ খুঁজে না পেয়ে ঘোরাটা অনেক সহজ ছিল।

পথ পেয়ে গেলে যেটা সম্ভব নয়।

কারণ পথে রাত আছে, ভোর আছে, মোড় আছে;

পথের শেষে সম্পূর্ণতার নিশিডাক আছে।

ভয় হয়, যেটা আগে ছিল না;

সতর্কতা- যেটা পরে আসছে

আর উৎকর্থা যদি অন্যরা এগিয়ে যায়।

আমরা অবশ্য পথই খুঁজি।

সরলবৃত্তীয় বা সরলবর্গীয় পথ,

একচিলতে রোদুর বা একপাত্র অশ্লীলতার পথ।

বুনোগাছে সবুজ পথ-

কখনো বা পাথর বসালো আয়না পথ।

সেসব পথে কোথাও লজ্জা লাগে,

কোথাও লজ্জা বেচে মানুষ নিজেকে কেনে

অল্পদামে - লাভ হয় - কখনো বা ক্ষতি

জীবনের অনন্ত গতি

তাতে থামে না- ।

শধু জীবন সাম্যাঙ্কে চলে এসে দেখে

পথের ধূলো ছাড়া কিছু নেই হাতে।

অভিযেকাধিকারী

By: Avishek Adikary

কবিতাবজ্ঞা

আরও, আরওদুঃখদাও, দাওআরওআষ্ট্রিসময়

যোনিজুড়েদাওআরোনিরস্ত্রপ্রসববেদনা

আরোদাওরাতজাগা, আরোদাওব্যর্থমনঙ্কাম

আরোদাওধূলোকাদা, আরোদাওনিভৃতক্রন্দন

আরওদাওপিত, কফ, আরওদাওঘৃণাবিরাম

আরদাওতপমান, ভরেদাওফেটে-পড়াক্রোধ

অত্থপ্রকামনাদাও, দাওতীব্রিরিম্বা, যাতনা

প্রচন্ডশীত্কারদাও। দাও, দাওভীরতভিমান

নিষ্ফলআক্রোশদাও; দাওতবেগৃড়অন্ধকার

দাওতবেএকাকরে, মুছেদাওসভ্যতারশ্বাস

পাপদাও, পুণ্যদাও, দাওসত্য, দাওহাহাকার

একবিন্দুরক্তদাও; পাশেরাখোএইচোরাবালি

হন্দয়েসমুদ্রদাও; সাদাপাতারেখেয়াও, আর

একটুনিভৃতিদাও; কবিতারজন্মদেবআজ ||

- অন্বেষাসেনগুপ্ত

- By: Anwesha Sengupta

ALLURING BEAUTY



By: Amit Kumar Singha

DELINERATION

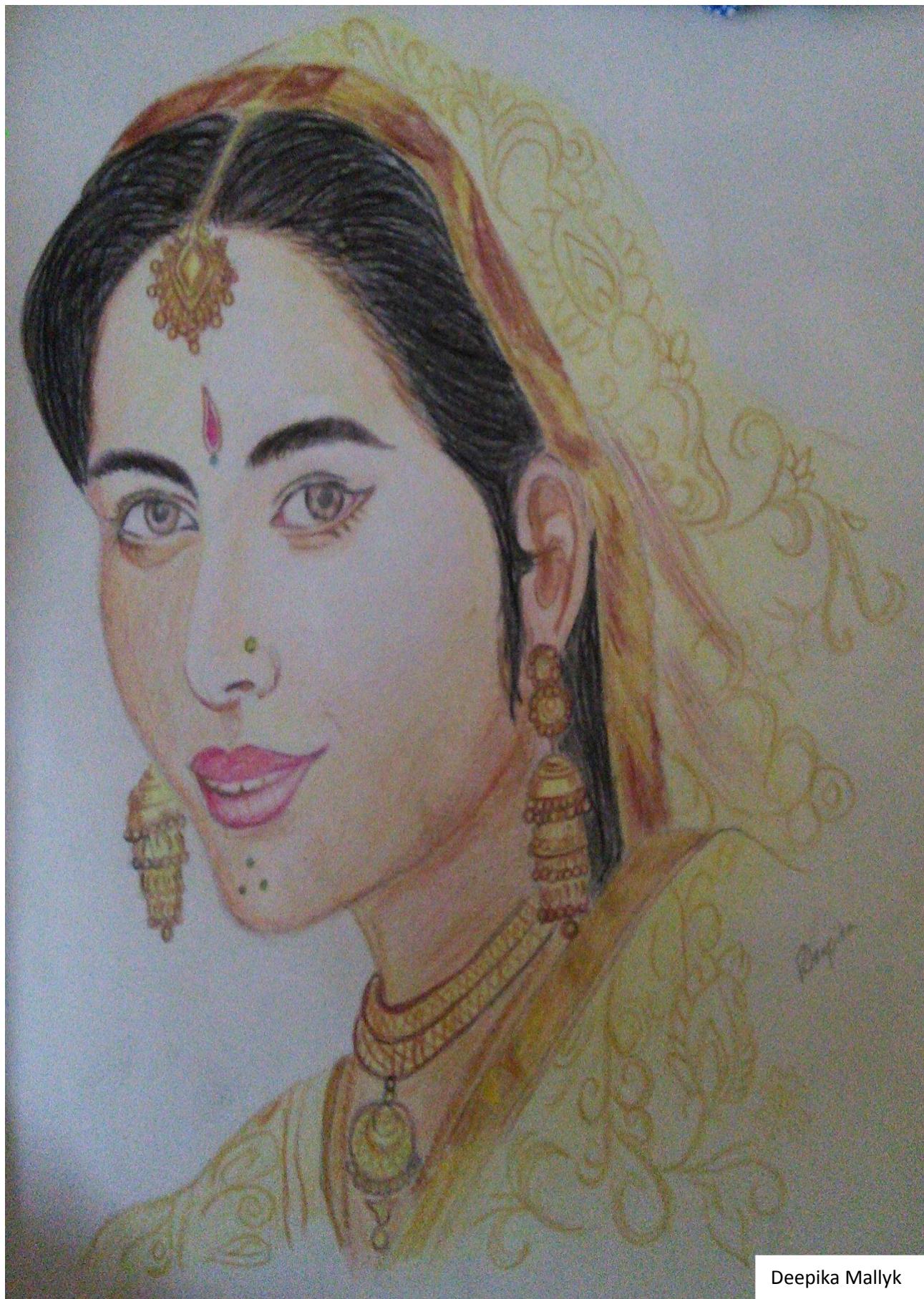
By:Deepika Mallyk



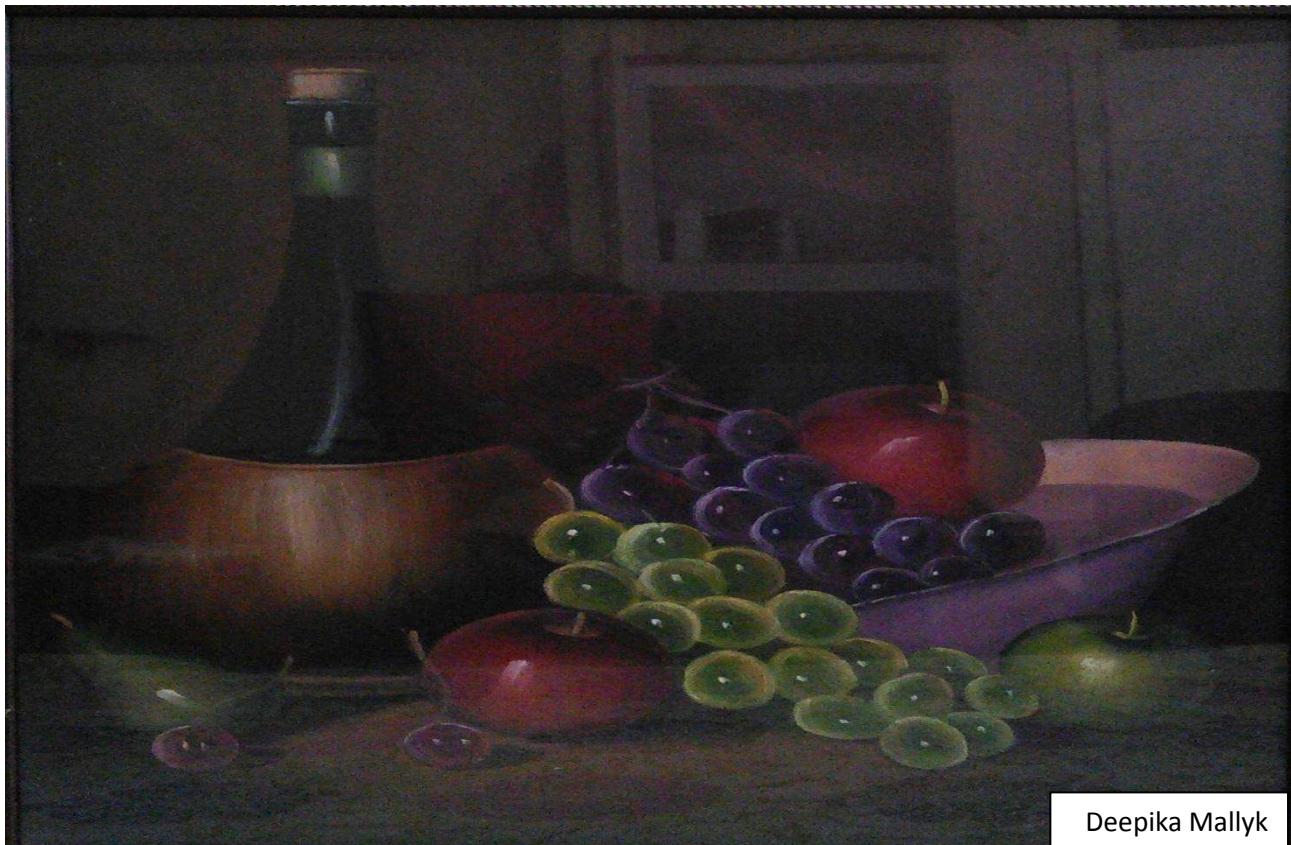
Deepika Mallyk



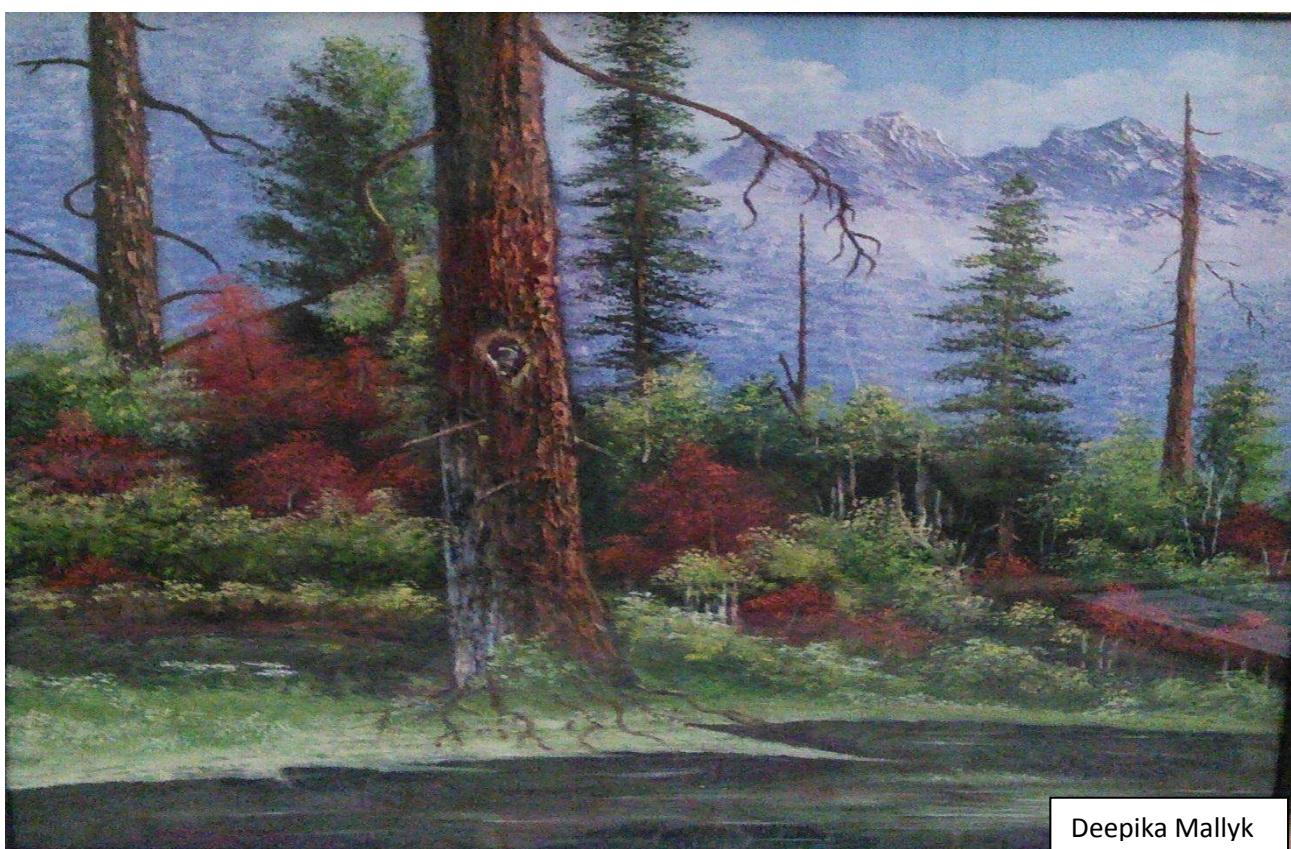
Deepika Mallyk



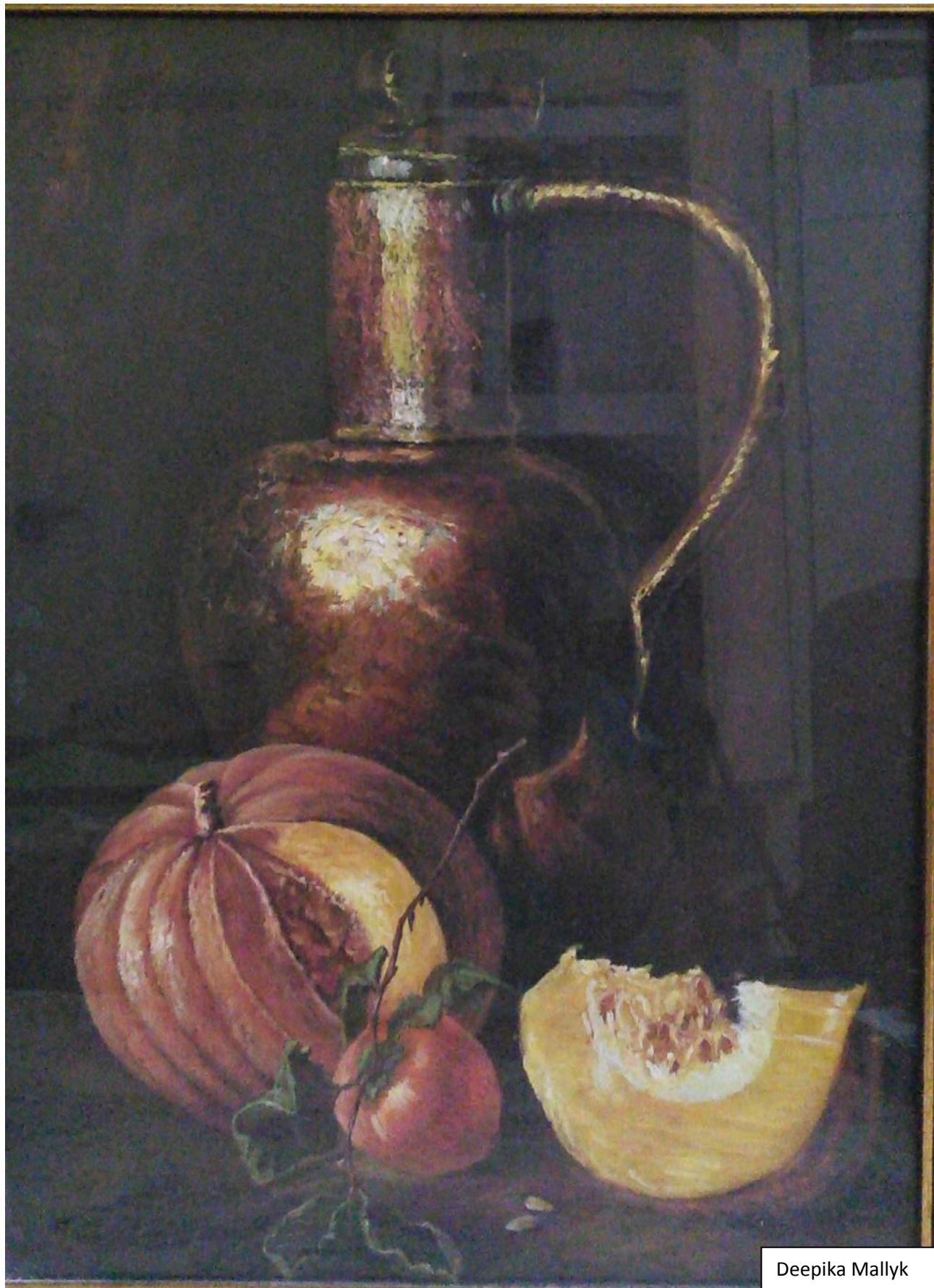
Deepika Mallyk



Deepika Mallyk



Deepika Mallyk



Deepika Mallyk

BUNGALOW



By: Angshudeep Majumdar

কাঁটাতারও পারাপার ... দুইপৃথিবী



By: Avishek Adhikary

RESPECT

“... she is accepting an unfair law without trying to make anyone feel guilty about it. And most importantly, she continues to use her talents to contribute to the good of society whenever she can. What do you think a person who is giving all this in her transactions with society wants in return? ”

“Respect”, answered Shiva.

(Shiva Trilogy | THE IMMORTALS OF MELODY - AMISH)

मुस्कुराने की मेरी आदत है
मेरी हँसी पे ना खाजो



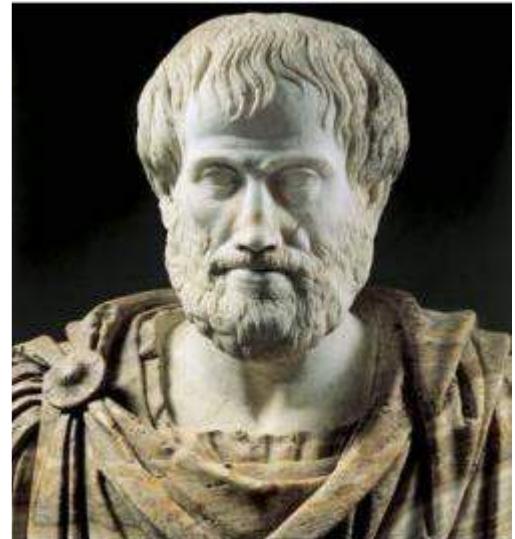
By: Sabitा Langkam

FAMOUS SCIENTISTS - THEIR INVENTIONS AND DISCOVERIES

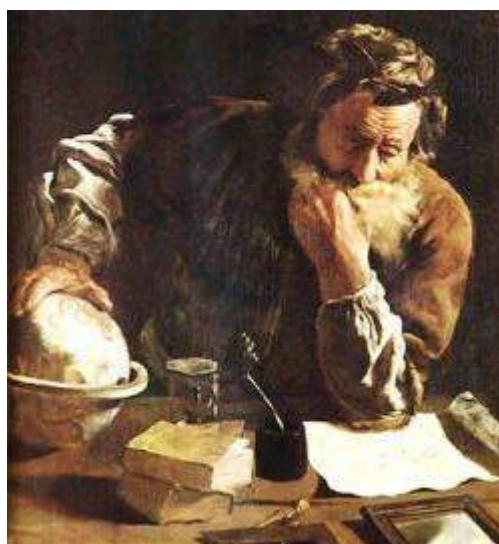
“We don't believe in miracles, we rely upon them”

Aristotle (384-322 BC)

As a famous Greek philosopher, educator and scientist, Aristotle did a lot of writings that turned out to be the first that made a comprehensive system of Western philosophy. His works were written on a variety of topics, including morality and aesthetics, logic and science, politics and metaphysics. Aristotle was the one who updated engraving and performed a large-scale classification of plants and animals.



Archimedes of Syracuse (287 - 212 BC)



Due to the fact that Archimedes was a person with multiple interests, including math, physics, astronomy and engineering, he managed to become a successful inventor. He became famous for his innovative thinking and was the one to come up with a lot of innovative machines, including the Archimedes screw that is still used today to pump liquids, coal, grain and more. But probably his most famous discovery is the way of finding the volume of objects that have an irregular shape. It is worth mentioning that most of his works were meant to help his home city.

Konrad Zuse (1910 - 1995)

Konrad Zuse built Z1, world's first program-controlled computer. Despite certain mechanical engineering problems it had all the basic ingredients of modern machines, using the binary system and today's standard separation of storage and control. Zuse completes Z3, world's first fully functional programmable computer in 1941.



Guglielmo Marconi (1874 – 1937)



Marconi was an Italian inventor, known as the father of long distance radio transmission and for his development of Marconi's law and a radio telegraph system. Marconi is credited as the inventor of Radio, and he shared the 1909 Nobel Prize in physics with Karl Ferdinand Braun "in recognition of their contributions to the development of wireless telegraphy"

John Logie Baird (1888 – 1946)

Baird was a Scottish Engineer and inventor of the world's first practical, publicly demonstrated television system, and also the world's first fully electronic colour television tube. Baird's early successes demonstrating working television broadcasts and his colour and cinema television work earned him a prominent place in televisions invention.



Source: Internet (Gursewak Singh Sidhu)

RIDDLE YOUR MIND

(When all else fails, an engineer won't)

- The hour and minute hands are at equal distance from the 6 hour, what time will it be exactly?
 - Five friends have their gardens next to one another, where they grow three kinds of crops: fruits (apple, pear, nut, cherry), vegetables (carrot, parsley, gourd, onion) and flowers (aster, rose, tulip, lily).
 1. They grow 12 different varieties.
 2. Everybody grows exactly 4 different varieties
 3. Each variety is at least in one garden.
 4. Only one variety is in 4 gardens.
 5. Only in one garden are all 3 kinds of crops.
 6. Only in one garden are all 4 varieties of one kind of crops.
 7. Pear is only in the two border gardens.
 8. Paul's garden is in the middle with no lily.
 9. Aster grower doesn't grow vegetables.
 10. Rose growers don't grow parsley.
 11. Nuts grower has also gourd and parsley.
 12. In the first garden are apples and cherries.
 13. Only in two gardens are cherries.
 14. Sam has onions and cherries.
 15. Luke grows exactly two kinds of fruit.
 16. Tulip is only in two gardens.
 17. Apple is in a single garden.
 18. Only in one garden next to Zick's is parsley.
 19. Sam's garden is not on the border.
 20. Hank grows neither vegetables nor asters.
 21. Paul has exactly three kinds of vegetable.
- Who has which garden and what is grown where?

- There are 5 ships in a port:
 1. The Greek ship leaves at six and carries coffee.
 2. The Ship in the middle has a black chimney.
 3. The English ship leaves at nine.
 4. The French ship with blue chimney is to the left of a ship that carries coffee.
 5. To the right of the ship carrying cocoa is a ship going to Marseille.
 6. The Brazilian ship is heading for Manila.
 7. Next to the ship carrying rice is a ship with a green chimney.
 8. A ship going to Genoa leaves at five.
 9. The Spanish ship leaves at seven and is to the right of the ship going to Marseille.
 10. The ship with a red chimney goes to Hamburg.
 11. Next to the ship leaving at seven is a ship with a white chimney.
 12. The ship on the border carries corn.
 13. The ship with a black chimney leaves at eight.

14. The ship carrying corn is anchored next to the ship carrying rice.

15. The ship to Hamburg leaves at six.

Which ship goes to Port Said? Which ship carries tea?

- You have a basket containing ten apples. You have ten friends, who each desire an apple. You give each of your friends one apple. Now all your friends have one apple each, yet there is an apple remaining in the basket.

SOLUTIONS

1) 8 hour, 18 minutes, 27 9/13 second

2) Hank: pear apple cherry rose
Sam: cherry onion rose tulip
Paul: carrot gourd onion rose
Zick: aster rose tulip lily
Luke: pear nut gourd parsley

3) The Spanish ship goes to Port Said and the French ship carries tea. However, tea can be carried by the Brazilian ship, too. If you understood position 'to the right' to mean anywhere on the right side from the given point (not only right next to).

French 5:00 tea blue Genoa
Greek 6:00 coffee red Hamburg
Brazilian 8:00 cocoa black Manila
English 9:00 rice white Marseille
Spanish 7:00 corn green Port Said

4) You give an apple each to your first nine friends, and a basket with an apple to your tenth friend. Each friend has an apple, and one of them has it in a basket.

HAPPENINGS IN AND AROUND

FRESHERS' WELCOME

It all started with Freshers' welcome at Kalidas Auditorium. The event kicked off with a welcome note by Prof.Siddhartha Sen, Head of the Department. He accentuated the importance of strong academics along with extra curricular activities necessary for personal development. Society mentor Rituraj Gautam, gave a presentation about the society and its various activities.

Prof.Tanmoy Bhattacharya and Prof. B M Mohan, the patrons of Electrical Engineering Society, introduced the Society, its activities and then the new office bearers of the session 2013-14 were introduced as well. Besides, there were other Professors who apprized the freshers with the various facets of Electrical Engineering. The program ended with vote of thanks by office bearers.

INTERACTIVE SESSION

Like every other year, an Interactive session was conducted between sophomores and seniors on 29th August, 2013. In this session emphasis on Internships, Department, Foreign training, placements etc. was given. It was envisioned to provide a platform where the experiences of the seniors who secured projects and internships were shared. During the session, students were reminded of the the importance of CGPA and Extra-Academic Activities for any of their future endeavours. Rituraj Gautam, Sourya Dey, Deepanshu Pattnaik, Sayak Bhattacharya, Shobhit Gupta, Risha Kaushal were some of the students who had contributed to the programme by sharing their valuable experiences.

TEACHERS' DAY

Teachers' Day is celebrated as a tribute to the valuable contribution made by teachers to the department, the institute and the nation by imparting knowledge, and enlightening and shaping the career of students. Celebration of Teachers' Day is fairly popular in many countries across the world and is even acknowledged by UNESCO.

For students, Teachers' Day is an occasion to pay reverence and gratitude to teachers for their selfless effort in shaping their career and enriching the education system in the process. EE Society also marked the celebration of Teachers' Day with a good turnout of students from- B. TECH, PG, MS, Ph.D and of-course in presence of our dear teachers .The function was inaugurated with few words from the HOD Sir, Prof. Siddhartha Sen who highlighted the importance of Teachers' Day and threw some light on the life of Dr. Sarvepalli Radhakrishnan. This was followed by cake cutting ceremony; some performances from students and then a quiz for the teachers. Mementos were gifted to all professors as a token of thanks for their hard work to improve our lives.

Overall, the celebration was a special one with the special presence of the teachers. We feel blessed that we are educated and groomed by such wonderful teachers.

DISCHARGE

Immediately, after the start of the spring semester, the first event organised by the society was "DISCHARGE". "DISCHARGE" is actually the fun interaction session for freshers of the department. For this academic session it was held on 13th January, 2014.

We recorded a good participation of around 30 teams (each team consisted of 2 members). The event was conducted in an informal and fun-filled manner. From the first round, top 5 teams progressed into next round of quiz. Event like Darts game, team with creative team name were also held. At the end of the second round, quiz winners were given goodies.

Overall, it provided an opportunity for everyone to get tested from many conventional and unconventional genres of quizzing. In addition to that the students had a good interaction with their batchmates and seniors, which was the motive behind the program.

ALUMNI MEET

The next event to roll on in the spring semester was Alumni visit to the department. The meet was held on 17th January, 2014 at N-208, seminar room of our department. It started with an introductory speech by Prof. Siddhartha Sen addressing the Alumni. It was followed by a presentation on our Department (regarding the developments it underwent in the past few years) by Tamanna Singh (5th year UG student).

Later, Alumni shared their experiences in IIT Kharagpur and their professional life with us and were presented with mementos from HOD Sir, Prof. Siddhartha Sen. At the end, everyone signed on the "Welcome" banner with their messages, wishing all the best to the future generations.

INDUSTRIAL TRIPS:

Industrial Trip - 1:

Twenty students accompanied by Prof. Anirban Mukherjee and Prof. Tanmoy Bhattacharya went for an Industrial trip to CESC Ltd., Budge Budge Thermal Power Plant on 8th feb 2014. The students started early in the morning at 7 am and reached there at around 12 pm. They were warmly received.

At first, the instructor from the power plant gave a presentation on the generation of power, difficulties in power transmission and distributions, and various eco-friendly measures that were taken to prevent loss to the plant. The students were then taken around the power-plant & they were shown various sections of the power-plant.

The students as well as the Professors were very much pleased with the way the trip was organised by the society. It was indeed an excellent experience for the students.

Industrial Trip - 2:

The second industrial visit was organized on 8th March, 2014 in TATA Jojobera thermal power plant. Thirty four students from different batches were accompanied by Prof. J. Pal and Prof. A.K. Deb to the plant. On reaching there, the engineer in charge Mr. Panda gave us a warm welcome and then gave a brief introduction of how the electricity was being produced from coal. Later he

took us to the visit the various sections of the power plant. The main motto of this trip was to get the students an idea of a power plant which we think was fulfilled.

MATLAB WORKSHOP

For the first time, a workshop was organised this year on MATLAB for the second year students of all the departments on 9th march in V-1. All thanks to our society president Karan Jain and his fellow Ph.D scholars Parijat Bhowmick who conducted the workshop. The participants got familiarized with the technical computing language that is must for evry engineer and scientist! Essential features, a few toolboxes and some applications happened to be the part of the session.

Overall it was a nice learning experience for all the students. And this day went to the glorious history of EE society as the first ever MATLAB workshop conducted at the departmental level.

BATTI FOOTER

Next on the list was the most fun event we had in the entire year, a football match played on 2nd March, 2014 in Tata Steel Sports Complex football ground. Players were divided into two teams- Team Edison (4,5th year students) and Team Tesla (1, 2&3rd year students).

In a rigorous hard fought match that once stood at 2-2, Team Tesla ultimately emerged as winners with the scoreline reading 6-2. The enthusiasm of all the students was worth watching.

CRICKET MATCH

The athlete instinct has been always observed in our budding enginners and we witnessed a cricket match on 22nd March at Hijli School Ground. Team Rising Stars (1st, 2nd and 3rd year students) and Team Endless Runners (4th, 5th year students, PG and RS) showed great temperament and exciting match continued till the last over. Team Endless Runners emerged as winners in a close finish!

Both the sports events assured great sportsman spirit and hence great contests!

A QUICK REWIND

They say a picture speaks a thousand words. And we surely agree! The following pictures capture some of the happenings in the Department in the past year. Needless to say, a chronological order is never maintained. After all, memories don't follow bullet points, do they?

“The best fighter is never angry.”
(Freshers’ Welcome!)



Quiz time for dear Teachers :D
(Teachers' Day)

Alumni Meet
(Here we meet veterans)



Memories worth keeping
(Alumni Meet)

Discharge: When it comes to Quizzes,
it's exciting! (Thanks Freshers)





Hit it: Discharge!

Well it was hot and the company took back our HELMETS! (Industrial Trip CESC Calcutta)



Sometimes we do play: Batti Footer

And yes, seniors do give treat!
(Thanks Tamanna Singh)



Training junior Battians: MATLAB Workshop (Thanks Karan Jain & Parijat Bhowmick)

Teamwork: Simply stated, it is less me and more we! (Cricket Match)



HONOUR ROLLS'

DUAL DEGREE IN ELECTRICAL ENGINEERING

SANJUKTA NANDI	09EE3512	AYAN MALLIK	09EE3518
AKSHAY KUMAR	09EE3513	TAMANNA SINGH	09EE3502
RAJ SAHU	09EE3516	DIGVIJAY DESWAL	09EE3301
SUNKARI AMAR	09EE3514	GAURAV BAJAJ	09EE3505
VINAY YADAV	09EE3510	R. M. YERRAGUNTLA	09EE3201
KOUSTAV BRAHMA	09EE3504	V S R VIKRAM	09EE3501
DODDA AVINASH	09EE3202	SASWATA SATPATHI	09EE3515
G. ANIRUDH	09EE3511	S. BOMMALATA	09EE3508
Y. SRI C. VEERASAI	09EE3509	S. MAHESHWARI	09EE3519
M. V V R. KRISHNA	09EE3507	G RAJ KUMAR	09EE3520
KRISHNA KUMAR	09EE1040	SANKAR KISKU	09EE3915
KULDIIP HALDAR	09EE3910	J. G. REDDY	09EE352
ARPIT GOYAL	09EE3506	CHILKA RAKESH	09EE3517
JAYANTA S. MUNDA	09EE1045		

B.TECH IN ELECTRICAL ENGINEERING

GAURAV BANSAL	08EE1010	KRISHNA KUMAR	09EE1040
SANKAR KISKU	09EE3915	ADITYA AGRAWAL	10EE10001
A JAYAKRISHNA	10EE10004	AMBUJ KUJUR	10EE10005
ANSHUL SINGH	10EE10006	ARNAB BISWAS	10EE10007
ATUL KUMAR MITTAL	10EE10008	B. V. N. RAVI TEJA	10EE10010
CHETAN MISHRA	10EE10011	C. SUDHEER	10EE10012
DEVBRAT SINGH	10EE10014	HARSH VARDHAN	10EE10016
J.DHEERAJ	10EE10017	J. KUMAR SEVDA	10EE10018
J. B. SIVA SASHANK	10EE10019	K. DALI NAIDU	10EE10020
K. C. V S P. KUMAR	10EE10021	MADHUKAR	10EE10022
MAHESH SHARMA	10EE10023	M. SINGH	10EE10024
M. LUQMAN	10EE10025	MOHIT	10EE10026
MRUGANKA KASHYAP	10EE10027	NIKUNJ SHARMA	10EE10028
NITIN KUMAR SINGH	10EE10029	P.JYOTI BORAH	10EE10030
P. VIJAYVARGIYA	10EE10031	P.V. PRASANTH	10EE10032
POTNURU SRINATH	10EE10033	P. R. REDDY	10EE10035
RABIN KUMAR NAIK	10EE10036	RAJAT	10EE10037
RANVEER SINGH	10EE10039	ROHIT PATIDAR	10EE10040
SASWAT PANIGRAHI	10EE10041	S.BARGUJAR	10EE10042
SHAURYAM GUPTA	10EE10044	SIDDHARTH M	10EE10046

SOMBUDDA DE	10EE10047	S. UMA RAJESWARI	10EE10048
S.MAJUMDAR	10EE10049	T. S. KUMAR	10EE10050
U. CHAITANYA EDHA	10EE10051	U. S. M. BALAJI	10EE10052
V.R. BHARATH REDDY	10EE10053	V. SIVA KUMAR	10EE10054
Y.SASIDHAR	10EE10055	Y. YADAV	10EE10056
PUNEET VASHISHT	10EE10057	MAYANK SHARMA	10EE10058
K NAGARAJU	10EE10059	S.MOHANTY	10EE10060
INDUJA S	10EE10061	KUNAL SANU	10EE10062
AKSHAT GOYAL	10EE10063	D.PATTANAYAK	10EE10064

B.TECH IN INSTRUMENTATION ENGINEERING

ABHISHEK KUMAR	10IE10001	ASISH BEHERA	10IE10002
BANOTHU RAJU	10IE10003	D. K. P. CHUNDURU	10IE10006
JYOTIRMOY GUPTA	10IE10009	KESHAV VATS	10IE10010
M. SUNIL REDDY	10IE10011	N.S. KHARTAD	10IE10012
PIYUSH KUMAR	10IE10013	PRAKHAR GUPTA	10IE10014
PRASHASTI AGRAWAL	10IE10015	ROUNAK TIBREWAL	10IE10016
R. S. GUGULOTH	10IE10017	ROHAN JAIN	10IE10019
RUCHIKA PALLAVI	10IE10020	SAYAK BHATTACHARYA	10IE10022
SARVASISH DAS	10IE10023	SOURYA DEY	10IE10024
SUJATA GURSARAIYA	10IE10025	SUMAN SAURABH	10IE10026
SUMIT MOHANTY	10IE10027	SUNNY KUMAR	10IE10028
UJJWAL KUMAR	10IE10029	UTKARSH KUMAR	10IE10030
VELIGATLA MANASWI	10IE10031	VIJAY K. V. ZZ AP	10IE10032
Y.DHARMA TEJA	10IE10033	SAQUIB AHMAD	10IE10034
RICKEY AGARWAL	10IE10035	ROHIT KUMAR	10IE10036
RUCHI SINGHANIA	10IE10037	RISHA KAUSHAL	10IE10038
SHOBHIT GUPTA	10IE10039		

M.TECH IN MACHINE DRIVES AND POWER ELECTRONICS

SYED RAHMAN	12EE61R02
D. MUKHERJEE	12EE61R05
R. BABU DEEKOLLU	12EE61R09
RAVI VERMA	12EE61R10

MOHAMMAD MERAJ 12EE61R14

M.TECH IN CONTROL SYSTEMS

SAUMYA BASU THAKUR	12EE62D01
LOKESH SONI	12EE62R03
AMALENDU PATRA	12EE62R04
TUSHAR KANTI MONDAL	12EE62R06
M. SHARATH KUMAR	12EE62R07
YEDDU DINESH BABU	12EE62R08
USHARANI CHOUDHURY	12EE62R09
AMRITESH MAITRA	12EE62R11
V. INDER KUMAR	12EE62R12
GONDHALI SATISH	12EE62R13
NISHANT JAIN	12EE62R14
AMIT A. JOSHI	12EE62R15

M.TECH IN POWER AND ENERGY SYSTEMS

AVISHA TAH	12EE63R01
DEBABRATA NASKAR	12EE63R02
RABINDRA MOHANTY	12EE63R03
BHOKYA MOHAN	12EE63R04
PIYUSH WARHAD PANDE	12EE63R05
S. DUTTA CHOWDHURY	12EE63R06
K. RAVI TEJA	12EE63R07
SWAROOP GAJARE	12EE63R08
SOURAV MANDAL	12EE63R09
KUMAR SAURABH	12EE63R10
ADITI SINGH	12EE63R11
RAVI YADAV	12EE63R13
MALLAPU SURESH	12EE63R14
G. N. SATYANARAYAN	12EE63R17
M. BHATTACHARYA	12EE63S01

M.TECH IN INSTRUMENTATION AND SIGNAL PROCESSING

BIPIN KUMAR LAHKAR	12EE64D01
HEMANT AGARWAL	12EE64R01
DEBARATI BANERJEE	12EE64R04
PRASENJIT MONDAL	12EE64R05
SABYASACHI PRASAD	12EE64R06
C. NAYAK	12EE64R08
R.SINGH RAGHAVA	12EE64R11
SACHIN DWIVEDI	12EE64R13
KUMAR SHILADITYA	12EE64R14
SUBHASMITA SAHOO	12EE64R16
SATYENDRA PRASAD	12EE64R17
VIVEK KUMAR GUPTA	12EE64R18

MS SCHOLARS

SANTU BAG	10EE7002
ANIRBAN DASGUPTA	10EE70P07
AVIK SADHU	10EE7003
ARUNAVA NAHA	10EE70P08

Ph.D SCHOLARS

RAMAKRISHNAN K.
MUNMUN KHANRA
SAYANTAN CHAKRABORTY
SUDIPTA MAL
SANGEETA NANDY

Goodbyes are not forever. Goodbyes are not the end. They simply mean I'll miss you until we meet again

Their Name	Tag	Describe him/her
Prashasti Agrawal	Prash	Most genuine girl I know. Full of life.
		<i>The one thing everybody knows about her is "She Can't Lie"! She has a very good heart and can see good in almost any person. She's the perfect combination of smart and cute. Thoda roti hai but har jagah macha deti hai :)</i>
		<i>Prash has the goodie goodie aura about her. Loves to organize treats and is always up for one. She is very talkative and mixes well in diverse crowds. Has started looking down on people after grabbing one of the highest packages this year (calls me "no money"). And trust me you just don't want to get a scolding from her.</i>
Nagaraju Kandena	The Saviour	<i>One of the most hard-working students in our batch. Likes Banginapalli Mangoes and mugging</i>
		<i>You wanna spend time with him, funny and smart. Guess he is the one guy, whom the whole dept is gonna miss. At the least they think of his notes when ever they see their grade cards.</i>
Sashank Jujjavarapu	Kholu of Batti-2010	<i>This guy is very down to earth, humble and helping by nature. He is also the heart throb of KGP girls. Having a hair style like a Chimpanzee, he is a cool dude and a tech geek. He is the one person you can share anything with. He would always be there for you. He is a genius and indeed famous for his "Hairs" too..</i>
Saumyaranjan Mohanty	Oria Maggu No. 2	<i>Member of the Maggu Gang(Pratik Sahoo, Sushil Patro & himself). Leads an aggressive campaign against smoking to my discomfort, but fill a person to hang out with.</i>
Md. luqman	Robot part 2	<i>Just see him walking, and you will have an idea about the tag.... maggu ki amma...:P</i>
Risha Kaushal	Dimple girl	<i>The best looking girl of passing out batch... :D</i>
		<i>you look beautiful wen you smile,especially the dimple on your face. Keep smiling :)</i>
Akshat Goyal	Mr. Lateef	<i>Khush-Numa guy! famous for his 'janice laughter!' :P And late lateef! When akshat says 'mai room se nikal chuka', he means mai actually nikalne ka soch rha hu! =_= Hates pizza and doesn't let other pizza-lovers have pizza! But overall, a nice guy..who would laugh at all our problems and try to make you laugh them off too! :D</i>
		<i>You all might be knowing akshat for two traits " LATE LATIFI and BINA MATLAB KE HASNA". He is one good friend to keep. If you tell akshat one sentence then be rest assured that akshat will extract 10 different meanings which u would not have even thought of. Will surely miss you in Bangalore (Night life extension and you aint there buddy).</i>

<i>Induja Sreekanth</i>	<i>Umbrella girl :P</i>	<i>a really good, helping person with "aiyo" after each 10 sentences....</i>
<i>Prasanth Peneti</i>	<i>Paapa</i>	<i>His tag says it all. Paapa Paapa Paapa is his personality.</i>
<i>Sasidhar</i>	<i>Librarian</i>	<i>10 Years from here I see him judging the Emmy Awards or at the Golden globe for his expertise in TV series. :P</i>
<i>Mayank Sharma</i>	<i>Chacha</i>	<i>Maggu Max, padhai ke alawa aur kuch bhi kar liya kar bhai.</i>
<i>Ruchi Singhania</i>	<i>Hum Hum</i>	<i>Very sincere, n so down to earth, n very easy going.:)</i>
		<i>Sincere, hard-working and all that academic nonsense. Apart from that, a very sweet individual with an amazing laugh, that makes teasing her all the more delightful!</i>
<i>Shauryam Gupta</i>	<i>Mr.Nice Guy</i>	<i>You came to the woods because you wanted to live deliberately, You wanted to live deep and suck out all the marrow of life, to put to rout all that was not life and not when you had come to die, discover that you had not lived. Hats off!</i>
<i>Saswat Panigrahi</i>	<i>Quiz Genius!</i>	<i>Lively! Always puts up entertaining facebook statuses. Brimming with smiles, amiable. Happy go Lucky. Cool dude! A great Sachin Fan.</i>
<i>Devi Krishna Prasad</i>	<i>Cool Geek</i>	<i>Too much enthusiastic about current affairs . Honest , Industrious. Introvert slightly :P A great person with cool attitude. Hats off for his Arnab Goswami's imitation , which he did with perfection. A team player.</i>
<i>Jaya Krishna Alwar</i>	<i>Gentleman</i>	<i>Inteligent, Smart and perfect. He is a one man Army. Determination and perfect execution is his habbit. ;) A gentleman at heart. Helpful. Friendly. A batchmate worth missing. :)</i>
<i>Ruchika Pallavi</i>	<i>Pollobi</i>	<i>She is there always whom you can approach anytime , if you need any help. Outgoing and amicable. She is the best girl for me in the passing out list of people.</i>
		<i>Pollobi likes her tea hot and is fond of taking down observation data during Lab sessions. Takes jokes well but rarely makes any. Is fun to hang out with when she does come out of her slumber.</i>
<i>Sombuddha De</i>	<i>Buddha Gawd</i>	<i>Tech Gawd, Design Gawd, Gaming Gawd, Lab gawd, Funda Gawd... If you ever need any funda of any single thing in the universe u can possibly think of, just go to him, you wont be disappointed... Seldom does he attend any class, and which is why very few people of our batch know his existence... The guy who secured a 9.5+ SG in a sem without attending a single class... And finally a day 1 intern in ITC, which was obviously converted into PPO...</i>
<i>Deepanshu Pattanayak</i>	<i>Deepu bhaiya</i>	<i>The complete man in all respects ! ;)</i>
<i>Anshul Singh</i>	<i>YoYo AnshulSingh</i>	<i>This guy firmly believes in himself and doesn't get carried away with what others say. He's a great friend and its always good to be with him.</i>

		<i>He's almost always excited about everything. He always tries to be the best at what he does. I never thought that we'll get along when I first met him (with all the unending fights and discussions), but he turned out to be my best bud! keep rocking \m/</i>
		<i>Dude you have worked real good on your anger issues..hats off to that. Still a bit stubborn but that will go away with time. Awesome lab partner, friend, batch mate and now colleague ... Cheers to the good times and toasts for the coming times ..</i>
Kunal Sanu	Polar Bear	<i>He is one of the most talented guy when it comes to mathematics related stuff. The lazy guy, polar bear :P ...laziness chhod de bhai!! :P</i>
Uma Rajeswari Somireddi	High on life' girl	<i>She is the life and soul of any group. Honest to the core, she talks a lot and makes you laugh with her puerile humor. She can sing, she can dance, and is always ready to practice those skills in public. She can be mischievous when no one is looking . True Gem of a girl, she is a friend of everybody (admired by even more). She actually cares about everyone - she will go to limits trying to make everybody happy. She is helpful in times of need and will make your worries go away with her smile. You're the BEST! Keep Rocking \m/''</i>
Palash Jyoti Borah	Peace Maker	<i>Guitarist, loves music. Cool and is clear about what he wants in life. :) Happy go Lucky.</i>
Jagdish Kumar Sevda	Down-to-Earth	<i>Simple,caring and friendly. Down to earth personality. Hardworking and Fun loving. A calm soul.</i>
Atul Mittal	The Ladies Man	<i>Well, he is one of the wittiest guys around (with an IQ of 200+). Give him one day and he can conquer Mount Everest. The best buddy I found in kgp. And who can forget Day 1 \m/. Well, the most polite guy in the campus (ohkay, excluding a few! :P) and very intelligent. Very logical, friendly and sincere. And he never picks up the phone! :P</i>
Madhukar Kumar	Masala Madhukar	<i>The best intern times. An innocent person who took my stupid advises about girls. He is a very nice person to spend time with. Mr Bihari - inke paRne, chaRne, and laRne are famous! But he proudly says 'hum chat me to sahi likhte hai! Got his name 'Faizal ' from Bangalore memories and his famous shawl and the incident when Madhukar is sleeping soundly in the car and someone is asking for money from him (I think that was Deepanshu :P) and he shouts in Faizal way 'Tumko samajh nahi aa rha, sabko jaldi hai!' Load bada jaldi leta hai! .Yes I will miss u badly and the B'llore Times.</i>

Rohan Jain	MONEY	<i>The footer tempo guy (who never gets to play the department footer matches sadly) but machafies in inter-hall footer! The day at the comic-con in Bangalore was epic! We had two angry birds that day! (yaa, guessed it right, one was Rohan!) :D. A great, enthusiastic guy, jo dusro se kaam karvaye :P and grp pe posts pe comment karvaye! :D. He is the Kiddo of the group. Cries about every other thing that a normal kid wouldnt cry for. His presence spices up the parties. A die hard Soccer fan, has some inter-hall studd-appa. NCTU, Robert Bosch, NetApp and now some Studd US university. Has the best and most expensive formal shirt collection in the KGP. All of this and yet he is the most adored guy in the dept. The teachers, students, subjects, books, classrooms...all love Rohan and who does Rohan love?, DSP. \m/.</i>
Sunil Reddy Medapati	Tension king	<i>Never takes any thing for granted. Never loses his confidence. Never forgets to submit assignments(they are mostly copied though :P)</i>
Manvendra Singh	Popu	<i>Sleeping is his hobby . His whole wing was waking him up to study for Physics-II exam but he refused to wake up.</i>
Bismaya Sahoo	Wonder	<i>Declared "Cute" in the beach trip (he actually is), the whole insti knows about it now! :D AGV and BTP seem to be his life! A great guy, and a true friend for many!</i>
Mohit Verma	(Only) Mohit	<i>He is an intelligent guy who has sound knowledge of coding and other than Windows OS. As a person, he is a nice friend, he mostly keeps to himself and doesn't give a damn about what others think or do.</i>
Tamanna Singh	Vivacious	<i>Never ending stream of energy seems to flow right through her \m/</i>
		<i>Hard working; curious to learn and learn; writes well; handles responsibilities well; cheerful person; cool and calm; good decision maker; deterministic and oriented towards goal- are few facts I can say about her.</i>
Keshav Vats	Bhaats	<i>This guy is a stud a****le. It becomes kinda difficult to decide at times which out of the 2 adjectives better describes him. He's a great guy to have at parties, that's for sure</i>
Sumit Mohanty	Nanotech Drummer	<i>He may not realise it, but people actually like him a lot. This guy lives in a zone of his own and is very dedicated to the pursuits described in his nick. Get high with him once, you'll love it!</i>
Rajasekhar chukka	Chukki	<i>I guess this runs in his mind; You like someone: be friends with help them(a lot). You don't know someone: act like you have never seen them in this freaking life. You hate someone: what do you gonna do. bright side is, there is only two more months left...!</i>

Raunak Tibrewal	Ronnie	<i>If you think anyone can describe Ronnie, you are very mistaken. But let me give it a shot - eternally lazy, utterly peace maaru and really intelligent - these would do. But honestly, who can describe Ronnie accurately...He is a strange guy. A VERY strange, expressionless guy. He is above all the moh-maaya. He knows no fear. He has no weakness (Girls especially can go to hell). God only knows how he works. He has a penchant for puzzles (strategy games, sudoku etc.). This guy cracked Flipkart by answering a guesstimate. He had no idea what that shit meant till about 10 minutes before his interview. Such is the intelligence of this creature.</i>
Sharvashish Das	SRV	<i>Tell me this, have you ever heard of any final year who does not give GRE, does not give CAT/GMAT, does not study for civil services, has not got a PPO, and then decides to sit only for absolutely core companies during placements? Not a soul! Except our SRV. Such is the class of this man. Such is his loyalty to his concepts and the confidence in his funda. But all academics aside (which is mainly what SRV is known for), he is one of the nicest people around. Yes you might not believe it, with all his scolding and all. Hats off to SRV, we are gonna seriously miss you man!</i>
Palash Vijay	Mr. Debater	<i>Never do debate with this guy!!!! Extrovert, Undiplomatic.</i>
Sayak Bhattacharya	Lullu	<i>Really sweet and caring.....Awesome God(if you know what I mean).....Machau.....With sarcasm at its best.....</i>
		<i>Procrastination is his mantra of life. Why do something today when tomorrow beckons on the horizon? Known for finishing up syllabus within hours of starting. Rarely has cash in his account. But has no upper limit when it comes to treats. Adores girls and admires boys.</i>
Shobhit Gupta	Pretty Boy	<i>There are few people (both gender) who are prettier than this person. Simply beautiful is the perfect description. His smile will blow you away anytime you look at it. Beauty personified! Sincere and dedicated in his pursuits. Difficult to get hold of due to his busy schedule. Known for giving golden funda when in his zone (you know what I mean). Has a long list of suitors with his pretty looks and damn good CV. Having said that, you wont meet a guy humbler and more down to earth than Shobhit, probably the reason he has the widest social circles in KGP. The heart-throb of KGP. There have been stories of N no. of girls wooing Mr.Gupta. Having said that,he might not admit it, but he secretly likes all the attention he gets from Bhatta.</i>
Sourya Dey	Papa Shango	<i>Papa Shango's coolth is superfly TNT. On most days, Papa shango abhors humans, is eccentric(think Captain Haddock), and engages in anti-Semitic humour.</i>

Utkarsh Kumar	UK	<i>Low profile, anyone? Extremely guarded initially, and keeps his inner circle very close (He f***ts Stalins and Mao-Zedongs). When these archives will be re-opened when the world needs to rid of him, his Kryptonite is the banter of misfit schoolkids of a surreal Earth.</i>
Vijay Verma	PARK	<i>Ultimate lover. Never let any1 to speak anything against his gf.</i>
Jyotirmoy Gupta	Jyoti	<i>Spidey is the essence of KGP's peace. His holiness has not given a rat's *ss about anything. Like literally, anything. And ohh yeah. Guy's still in the phallic thinking stage. (But then, he's probably still 6 years old? maybe.)</i>
Sunny Kumar	Sunny Paaaji	<i>Sunny paaaji represents one of them spirit-of-India guys. Thoughtful and open, his rustic style gives a sage-like feel of a chieftain. Sunny Paaaji doubles up as the guy who'll laugh to humour your poor comic sense (Think of N.S. Siddhu)</i>
Nitin Singh	LOAD_MAX	<i>Always muggingmugging and mugging....!!!!</i>
Gaurav Bajaj	GB_/_	<i>One of the most helpful senior I have ever met ,give him a problem and he gives in everything to solve it . Intelligent , smart and full of life , that's how I would define him! PS : he is also a great poker player :P</i>
Vinay Yadav	Power Yadav	<i>Coding god , Robotics god ,Power God :D very sincere ,down to earth , hardworking and always a role model to look up to!</i>
Robin Kumar Naik	Rabin	<i>MILKHA SINGH of iitkgp</i>
Mahesh Sharma	Mahishi	<i>Mahishi is very self assured and will not hesitate to kill your peace of mind. Mahishi's an agent of the dark force and his idea of having fun is creating chaos a la Narad Muni. Also, Mahishi hates you at the end of the day, irrespective of who you are or what you did. He is extremely funny (very similar to chandler bing). He can pull your leg sometimes (all the time).Very moody.</i>
Soumyadeep Majumdar	Somu	<i>Biggest deception ever. His approach to living is almost mystical, with the humble guy's feet in the ground and head in the clouds (in more than one ways). Also, beneath his innocent face and sweet smile is a monster which gratifies itself by playing party to the most outlandish pranks/fb takeovers you could've imagined.</i>
Chetan Mishra	Chetku	<i>Chetan, U r wot every girl dreams of having in her life. So humble, nice caring, soft-spoken. Didn't realised how 4 years past away. remain like this forever. I will miss you.</i>
Bismaya Sahoo	Wonder	<i>As Barua sir points out, when translated, his name - Bishoy, means Wonder. A true Robotics enthusiast, there isn't a type of bot that Bishoy hasn't made as yet. Doesn't whine about grades at all and is the best listener to our problems. His smile makes girls weak in the knees. So you can spot him flashing his beacon a lot.</i>

Rohit Kumar	Bhojpuri Villain	<i>Understanding and helpful, Rohit makes the perfect right hand man. Always full of tempo, though a little reserved when around girls. Known for ruling pages of all his copies during vacations. Favorite pastimes are sleeping and playing fifa.</i>
		<i>A very cool guy, sincere muggoo ..always ready for food.. you will be surprised to see how much he can eat... cute dancer :P..</i>
		<i>The first look will tell you everything about this guy. Plain, Simple, Sincere, Hardworking, Lazy, Intelligent. His horror stories and jokes start with "Dekho, aisa hai na" and end with one hell of a laugh that only Rohit possesses. One of the very few genuine people around.</i>
Rickey Agarwal	PJ Gawd	<i>This guy is inexplicable.. As soon as you see him, you can't resist smiling. Once in a lab viva, he made a batti prof smile !!! He will be always remembered for his novel PJs.... an awesome dancer with desi moves... ... a very machau person, interested in everything, can give u funda in any field .</i>
		<i>There cant be a single person who doesn't enjoy his company. A friend to all. Earned a well deserved PPO from Goldman Sachs. and since then has been very Dedicated to the Service of the Instru-Junta and hence the Nation.:P . Be it Mafia, Poker, 29 , treats ,hangoutsanything., one can safely assume this guy's presence. Taught Rohit how to dance. Taught everyone else how to have fun. ;)</i>
Keshav Vats	Bhaats	<i>This guy is so cool that if there was a hell, it would freeze right beside him. His wholesome laugh has brought smiles in the most adverse situations to many people. A true business management legend in the making ;)</i>
		<i>How do you identify Vats from a crowd of people? Ask a question pertaining to life, relationships etc(non academic) and the guy who gives the most demotivating, frustrating and condescending answer will be Mr. Vats. Having said that, he is ONE BIG stud. IIM, ISB, Day1, he has it all. God save the IIMs from him :P</i>
Utkarsh Kumar	U.K	<i>One among a handful of people who understands me when I say "god damn it" in Eric Cartman's voice :P I can happily share my views on the south park episode with him, without seeming like a dork for once :D P.S: South Park rocks \m/</i>
Suman Saurabh	SAM	<i>Well i can write a book on this guy! An introvert, and a very helpful guy. He is one of my friends who inspire me a lot (from a struggling past to this present). Very systematic and clear in his approach. Can solve any kinda problem! Coding Gawd, Awesome Footer etc etc etc. Hats off to u buddy!</i>
Nilesh Khartad	Chiku	<i>Well, if u'r a friend to this guy, He won't say 'NO' to u, chahe kuch bi ho jaaye :) A very caring guy: Zugaadu, Funda, Peace</i>

		<i>maaru and what else??? He will be there for u if u need any kinda help!</i>
Puneet Vashisht	Massage Man	<i>Very helping person and very friendly in nature. Intelligent person and good coding skills. Always massaging and chatting with someone on mobile.</i>
Ujjwal Kumar	Ujjol	<i>He is Instrumentation's very own Alok Nath. Almost a typical maggu(the only difference is, he is very helpful and has a good sense of humor). Sincere and hardworking, he is every professor's dream son-in-law. Consider it an achievement if you manage to make him do something non-nerdy. The only thing that has the power to temporarily expunge his Alok Nath like characteristics is South Park. :P</i>
Saquib Ahmed	FTP	<i>The thinnest and tallest guy of Instru.He might look like a maggu and he actually is.Has pulled off many 9 ptrs,I think. Of late, the guy has been as anti-maggu as possible.He has made his presence felt in ALL of our treats, and hangouts. He is one of the Best Mafia's,one could ever be.Awesome team player. Very logical. One of those people who will stand with you and support you till the end. Saq we are very sorry that you sweatshirt turned out to be XL instead of L..One of the best people around,undoubtedly.</i>
Jyotirmoy Gupta	Jyoti-Buoy	<i>Peace,DontCare,NoLoad,ZeroVolts are all synonyms of this guy. Labs, Class tests, Viva, Mid Sems, End Sems no matter what may come his way,this guy wont buzz..Dwells in his own world and the ultimate peace maaru guy. His vivas are rumored to go like this..Q1.Dont know.Q2. Dont know.....Qn. Dont Know..Post Viva...Mera viva ultimate gaya bey..:P..The Gawwwd of Dont Care Attitude and a nice guy.</i>
Aaditya Agrawal	Sanskari Nepali	<i>He lives a life of principles and never cares about what others think .If there is someone who never abuses anyone , he is the one Friendly Guy . Very Helpful , and its fun to be with him.</i>
Raj Sahu	Load	<i>"Are bhai sach me, mujhe to yar pata hi nhi tha..:(.."</i>
Subramanyam Bommalata	Subraminion	<i>The one with soo many girl friends and still never ready to give a treat...:P</i>
Akshay Kumar	Don	<i>"I took that as a challenge and showed I could do !"</i>
Sujata Gursaraiya	Lively	<i>Outgoing and loud! She is friendly and talkative and her expressions are contagious.Ingenuous facade with an intelligent mind of her own. The word 'BINDAAS' would describe her best. PS: surprised! no one yet wrote about her :P</i>