



INSIDE STORY

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Achievements

Dr. Samaresh Pan has been awarded his Ph.D from Jadavpur University on Sep, 2013. The Thesis of his Ph.D is "Development of Modified Water-Cement Ratio Law for High Performance Concrete With Fly Ash" to "Effect of Fly Ash as a Cement Replacement Material on The Characteristics of Concrete".

Dr. Debjani Chakraborti has been awarded her Ph.D degree in Mathematics from Kalyani University on July, 2013.

Dr. Tapan Kr. Mukherjee has published a paper in the Journal "Physical Review Letters" on Dec. 2013. Title of the Paper is "Observation of $2p3d$ ($1P_0$) \rightarrow $1s3d$ ($1D_e$) Radiative Transition in He-like Si, S, and Cl Ions".

One research student who is working under the guidance of Dr. Tapan.Kumar.Mukharjee in DAE-BRNF project has opting Ph.D degree from West Bengal State University on Nov.2013. His title of thesis is "Atomic structure calculations of free and confined three body system".



EDITORIAL

With this the fourth issue of our college magazine **infiNiTy** comes into the light of publication. In this edition photography has played a prominent role along with the creative writings.

The new even semester teaching-learning has already got an impetus with the wheel of time. Students get set for taking a vow to do better than before. Some of them have written with a new consciousness. This time poems dominate prose. Their literary bent surprises us and makes us eager to help them better. The few of our brilliant students were sent to Asian Institute of Technology, Bangkok, Thailand for some special training.

We are making some special endeavors to publish the annual issue (both hard copy & e-copy) of our college magazine very soon. The students and the professors along with other staff members are going to contribute in this issue.

D K Sen

DEEP INTO AN OCEAN NAMED "LIFE"

by KRISHNENDU LAHA EE-2A

A growing number of people have rightly decided to make this "infinity" magazine a great success. Some are submitting science fictions, others are going for fun-puzz, riddles and some are busy promoting their photography skills. But fortunately or unfortunately I have neither of these above said qualities in me. What I am great at (I think to be so) is, revealing things in a straight forward way that I experience in my everyday life, things for which I sometimes become a bit confused and at the other time a bit horrified, things that sometimes make me feel the strongest person in the world and at the same time the weakest of all. The truth is, you don't know what you feel except you know what kind of man you want to be. Writing about these "super-serious" matters is not a decision that I have arrived overnight. It has been a prolonged process!

It is really hard to show everybody how you feel. Scared of letting them know what's bothering you. Sometimes lying would be an excellent remedy to hide the tears from your eyes. You hide the pain by smiling, you hide the tears by laughing and you hide the sadness by lying and sometimes you just want to give off just to experience a minute of happiness that will really change everything. But that's what makes it ironic. The more you seek for happiness the more you lose it. Most of us love to preserve our thoughts and experiences within ourselves, and that's where we commit the greatest mistake of our life. Ohh!! Sorry. . Unknowingly I started to interfere into other's rules of leading life. These are just that I think to be, might clash with other's way of thinking. . Doesn't matters, just come forward and start sharing. Some questions, some thoughts disturbs me now and often. . . either trying to know their answers or else try to know whether they are right or not. So I decided to share all these with you all. . .

Many of us often pray to GOD asking for everything we want ,but have we ever asked ourselves that "are we the perfect ones who deserve the things we wanted?" NO. .

We often become upset for not getting the things we "expected". . But have we ever thought of "accepting" those things that we have got without asking for it. NO. . (WITH DUE RESPECT) From my school days I have been hearing from my elders that ... do this, do that..bla..bla..Bla. .these is the keys of success. . But, holy s***, every time I seemed to be at the verge of getting those "Keys of success" someone changed the LOCK!! So now I never mind of those "Keys", because now I have learnt to break through that "LOCK".

I had some good friends in my school life. .and also some "so called friends". I could hardly remember any incidents when I knowingly helped those "so called friends" of mine. I never felt like looking back to them. Then one of my friends asked me:"why do you just let other people leave you like this?" I replied: "life is a long journey. . . Let's see who will be walking with me till the end of the road". That's how I look into life as.

4 people you will meet in your life. 1st yourself, 2nd is the one you love the most, 3rd is the one who loved you the most, 4th is the one with whom you will spend the rest of your life with. I have already met those first two, remaining two is yet to come. Sadly in real life, these 3 people are usually not the same person. The one you love is never the one who loves you the most. And the one you spend your

life with is never the one you love neither the one who loves you the most. He/she is just the person who happens to be at

the right place at the right time...

If we fall in love because someone makes us laugh, what happens when we no longer find them funny? If we fall in love because someone is beautiful, what happens when that beauty fades? If we fall in love because someone can provide for us, what happens

when they lose their wealth? Love is beyond laughter, beauty, and wealth. Those are just physical. So if you intend to love someone be sure to accept the challenge called "change..." . . . And that's not easy.....

As I grow older, my realization about life becomes deeper. Problems get bigger, situations became more complicated, and I know that you are just like me. Sometimes we wish we could go back to the time when the only lady in our life was our mom, our only best friend was our dad, and any pain can be healed by just a band-aid and a lollipop. Perhaps we could really get back to those day..Ahhh!!! Again I am "expecting" a lot rather than "accepting" this present situation.

Scientist once said, only one can occupy a given space at a given time. But still... I will say that they are wrong because our "HEART" doesn't.

When I was a kid, I thought life would be perfect. Rather we all had been taught that: when you are careful, you'll never make a mistake, never be lonely never be misunderstood, never be frightened but I realized it doesn't work that way. Coz in reality, life a big mess! Life won't wait for you forever. If you let everything pass you by, you'll never find out how beautiful life can really be. Don't be afraid to get hurt, if you don't risk something you'll never gain anything.

Some years ago, a newspaper offered a prize for the best definition for money. Out of the hundreds who competed, the winner submitted this food for thought: "Money is a universal provider for everything but not happiness, and a passport to everywhere but never in heaven."

The greatest mistakes we make are the risk we didn't take. If you think something will make you happy, go for it, so you won't have to live your life asking: "What if...?" and telling yourself: "If only..."

The most useful lesson that I have learnt from my life till now is, don't be just like a cigarette. Don't let people buy you when they need you and step on you when they're finished using you...just learn to say "NO". The more you give importance to someone, your importance in his/her life decreases.

Now here comes an engineer's question, I just saw one of my friends updating this on FB: "If God pays you 1.00 for every kind word you speak and takes away 1.00 for every unkind word you say, how much would you gain or lose at the end of the day?" ***** KEEP THINKING.

SOISOB

by Sudipto Chatterjee EIE 3

**Soisobke jokhn e prosno kori kano tumi jao chole?
 Se boleche jiboner dak eseche tai take
 Jetei hobe chere,soisob je swapner desh
 Sethae sudhu golpo ache notun notun ronger
 Golpo ache chotto theke boro hobar kaler
 Golpo ache nilkomol r lalkomol
 Golpo ache chotto khokar hate khorir diner
 Bhorer belae fulgulo sob jamon kore fote
 Soisob o chokh melechilo thik tamoni kore
 Moumachi bole gache kano ato deri?
 Baki ache anek kaj dite hobe pari
 Soisob o to swapno dekheche kobe boro hobe
 Janto na se jibonta kano ato jotil
 Janto na se kano ato lobh ato protyasa
 Soisobe to besh chilo moner proti moner bhalobasa
 Kothae se sob chotto khoka? sudhui prosno kore
 Fire jete chai soisobe se pokkhiraje chore
 Ghum bhenge jae chotto khokar swapno dekha sesh
 Se to ache bastobe akta ruo kothin desh
 Soisobe je harie galo boro belar dake
 Tobe bhoe nei ko chotto belar sriti songe tar thake
 Boro bela parbe na to take muche dite
 parbe na to take muche dite...**

তুমি রবীন্দ্রনাথ

প্রকৃতির মাঝে নতুন সৃষ্টি নতুন প্রাণের হর্ষ;
তোমার চিত্রায় নব চেতনা, নব দিগন্তের স্পর্শ।

তুমি রবীন্দ্রনাথ

তোমার প্রেরণায় বাঙালী মনে নতুন কিছু পাওয়া,
নতুন যুগের নতুন কালে চিরনতুনের চাওয়া।

তুমি রবীন্দ্রনাথ

‘ছবি ও গান’, ‘প্রভাতসঙ্গীত’ এ তোমার ‘সোনারতরী’
আজও বয়ে যায় হৃদয়সাগরে, তোমার বলনা করি।

তুমি রবীন্দ্রনাথ

কংক্রিটের জঙ্গলে বাঙালী ধুকছে কাজের ভিড়ে,
‘ঘরে বাইরে’ তোমায় নিয়ে ফিরছে শান্ত নীড়ে।

তুমি রবীন্দ্রনাথ

‘চোখের বালি’র পরশ দিয়ে করলে হৃদয় জয়,
‘গীতাঞ্জলি’র হাত ধরে তুমি করলে বিশ্বজয়।

তুমি রবীন্দ্রনাথ

দীপ্তকণ্ঠে গাইলে তুমি স্বাধীনতার গান;
‘জীবনস্মৃতি’র ভিন্ন ছন্দে তুমি বিশ্ববলিত প্রাণ।

তুমি রবীন্দ্রনাথ

তুমি মোদের রবিঠাকুর তুমিই শেষের শুরু,
সর্বকালের সেবা তুমি, তুমি কবিগুরু।

তুমিই রবীন্দ্রনাথ ঠাকুর।।।

ANANGAJYOTI SEN

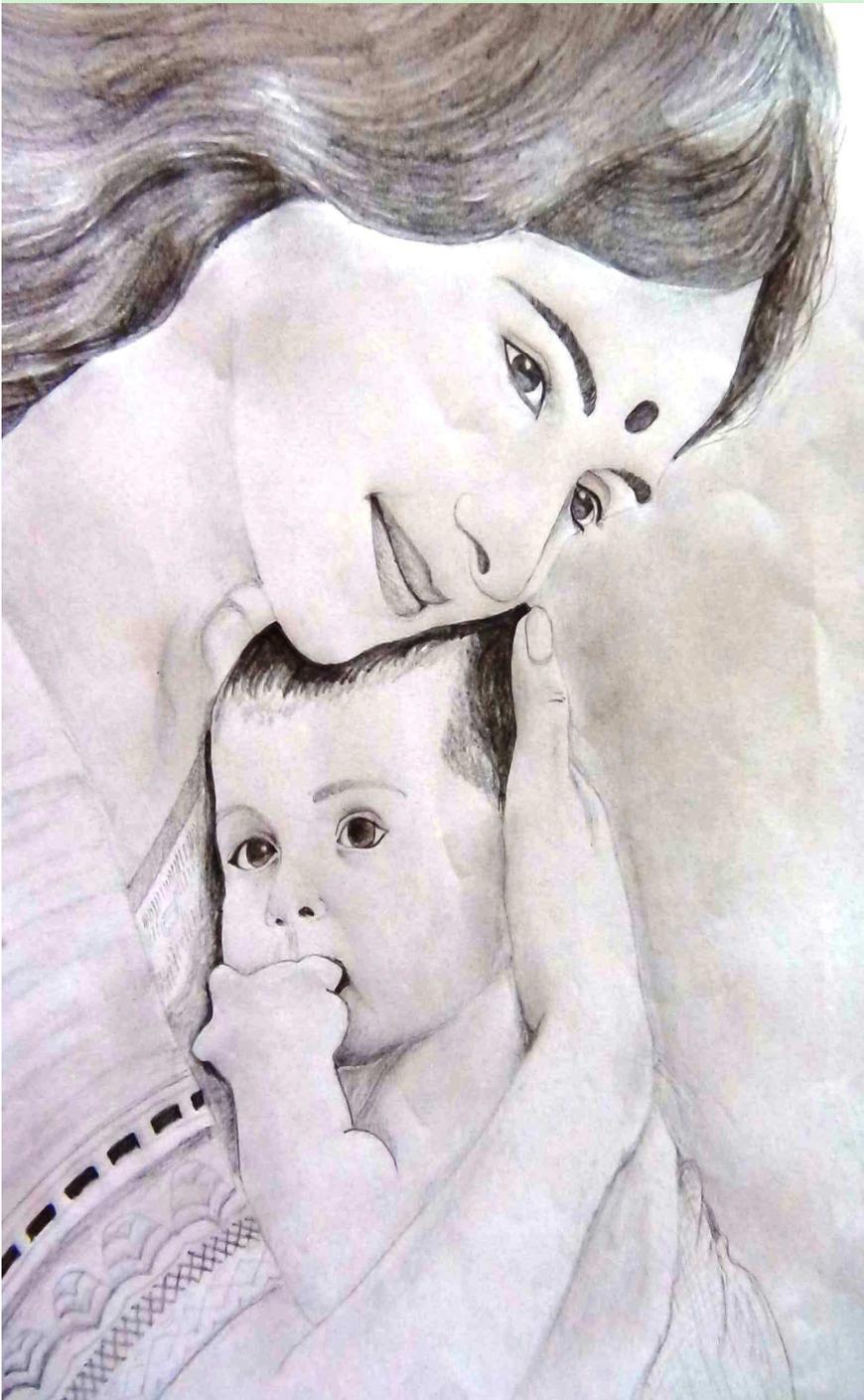
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Every second in life gives us a new moment full of excitements. These moments change the life slowly. No, I can't realize the whole change of life because I am completing only 1 year in college and waiting to be senior. In this 1 year I really miss the school life. But at the similar time college life has shown me many mysterious situations. This is not only applicable for me, but also for my friends. When we were entering into the college we had only the memories of school and we thought that our life will follow the same path. But we are wrong. In school we are so much innocent. But in college our life becomes complicated. In school life we had no freedom. A number of rules surrounded us. There was a different MASTI to break the rules. The teachers took care about us and there was a competition among us to be the favorite student to them. They are next to our parents. But now we don't face any certain rules. The professors are very close to us. They always help whenever we need them. Now, they are next to our friends. We can share any problem with them.

In school life we also used to complete our study in a rhythmic way. But now how we complete our lessons we all know. The only thing, which is same in these two parts of life, is friend. In school life we all got the first friendship and best buddies of life. They became the part of all beautiful moments. The last bench of the class is also the part of those memories. We used to discover our talent and creativity with papers at this time. During the classes when teachers gave their lessons we used to make cheats to talk to others. All types of planning were done at the same time because the break time is playing time. But now we do all the things in 1st and 2nd bench. And instead of chits we sent sms to others, but not all the time. It's true that we all do the class with sincerity. Because the professors teach us in such amazing ways that we can't divert our mind. In this life class bunking, watching movie, enjoying party with pocket money, gossiping at tea stall become the part of college life. They give us a break whenever we are in need. Silently they always be beside us. But sometimes they are really silent. They always help us whenever we get into any problem but they don't aware us before it even if they know about this. They know how to create unwanted situations. They can insist you to give treat even if they know the bad condition of your pocket money. Sometimes they get something or buy something with your money without inform you, sometimes they surprise you. But you have to pay for the surprise. But without all those things the day is meaningless. We are nothing without them. I always get my friends beside me. Not only in case of study but also in case of flirting and love problems they help us. In college life love is always be with us. We fall in love in college life more than one time. The first love comes to us in school life. In that time we all became crazy about someone, any character or teacher or classmate. The immature love of school life turns in matured love. In school life we took tension but now we give tension.

So, friends enjoy the college life, because it is totally different. And don't be angry with your friends. They are all your heartbeat. It's better to bend a little, than to break a loving relationship. So, increase your friend circle and fall in love all the time.....

STUDENTS ACHIEVEMENTS



SOURADEEP MAITY - B.Tech in Electrical Engineering 4th Year.

3rd place in BAY STRIDER in KSHITI-J'13(Asia's largest Techno-Management fest) from IIT ,Kharagpur.

Best designed bot from Institute of Mechanical Engineers (IIT , kharagpur).

3rd place in ROBO SOCCER in SRI-JAN'13 from Jadavpur University.

2nd place in ROBO COPA and FAST & FURIOUS in KRITANJ'13 at Narula Institute of Technology.

Man of the tournament, Best goalkeeper in NIT football fiesta'13.

International Paper on Solar Resource Assessment in India a Case Study at International Conference on Non Conventional Energy (ISBN-978-1-4799-3339-6, Page No: 5 - 9).

SOURADEEP SINHA - B.Tech in Electrical Engineering 4th Year.

1ST PLACE IN MOSIAC (MUSIC + PHOTOGRAPHY) IN SPRING FEST JAN, 2013 AT IIT (KGP)

2ND PLACE IN PHOTOGRAPHY IN SPRING FEST JAN, 2012 AT IIT (KGP)



**MATRI
SNEHO**

**AVIJIT
SAHOO**

আরও একটা স্বপ্ন

by MANINDRA NATH HALDER EE-3

সেদিন দেখা হয়েছিল, ঝিলের উল্টোদিকে কাশের মেলায়
ঘনকুয়াশা আর বাতাসের অস্ফুট উচ্চারণে,
হঠাৎ জ্বলে ওঠা জোনাকির অকুপণ বিকিরনে।
পাশ দিয়ে চিরপ্রবাহমান একটা স্রোত জড়িয়ে ধরেছিল তোমার আঁচল
তার অশালীন আচরণে কিঞ্চিতক্ষুব্ধ, আবার কতকটা আবেগপ্রবন ছিলে তুমি
অনুরাগের অব্যবহিত ধারা বয়ে আসছিল তোমার চোখে মুখে।
হয়তো প্রতীক্ষা করছিলে কোন নিভৃত মুহূর্তের যেখানে
শুধু তুমিই চিনবে তোমার তুমিকে আর অপেক্ষা করছিলে একটা
চন্দ্রিল স্বপ্নের, যেখানে হারিয়ে যাবে তুমি অনুরাগের আবেশে।

সময়টা তখনো ছিল ধমকে থেমে যতক্ষণ না একটা
নিগুন আলো হাত ধরল তোমার।
বাধানো ঘাটের সিঁড়ির আড়ালে আমি তখন আবিষ্টি,
অসহ্য যন্ত্রনা একটা নিরপরাধ ভালোবাসার আর্জি নিয়ে
প্রচলিত শক্তি আর প্রতিশোধের নির্মমতায় ভর করে চুরমার
করে দিতে চাইলাম পৃথিবীটাকে।

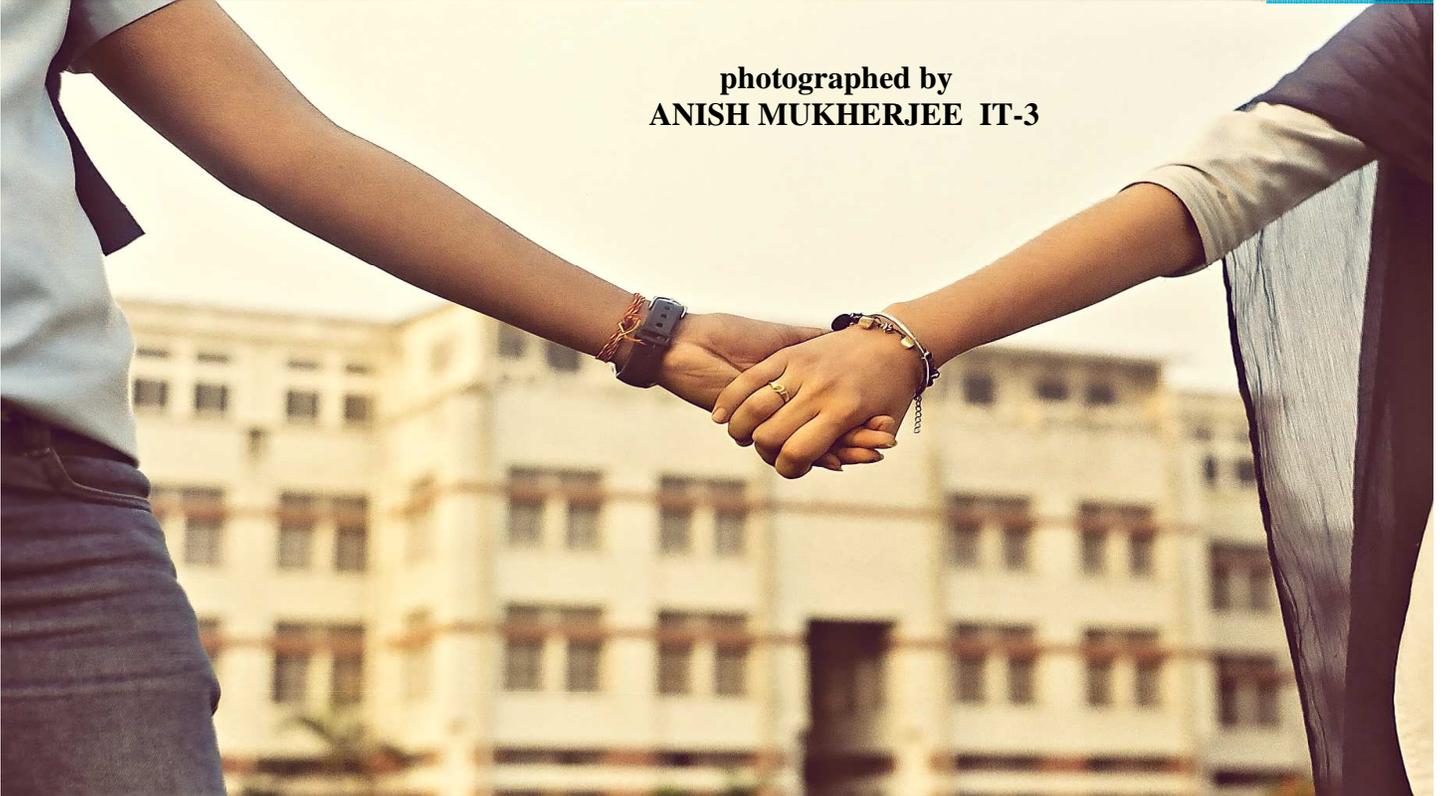
দপ্পটা ভেঙে গেল কিন্তু ইচ্ছেটা তখন-ও প্রবল
যেমনটা ঠিক এখনো।

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ARPAN HAZRA ECE-1A



photographed by
ANISH MUKHERJEE IT-3



Let knowledge be the food of life

by **DEBOLINA SARKAR ECE-3A**

Sometimes when you feel you have figured out life and all your notions are justified, an event occurs which puts your world on its feet. For me, a 12 day visit to the Asian Institute of Technology was that event.

I used to believe that knowledge was all about marks ,vivas ,GPAs and crying over not being the topper. I was happy when all my notions were proved wrong. When the 25 of us with Sajal sir and Baisakhi ma'am landed at the Suvarnabhumi airport in Bangkok I was still a little apprehensive as the entire experience was very new to us. I started relaxing as soon as we reached our accommodation at Sirindhorn Science Home(SSH). The extremely warm welcome by Rajesh sir made our homesickness fade away to quite some extent. After a quick breakfast we entered the place which to me became the Mecca of science, technology, learning and knowledge- Asian Institute of Technology.

If a person is extremely fortunate, he/she comes to know the secret to being a good human. The secret is humility and the person from whom I learnt it is Dr.Nitin.K.Tripathi. Nitin sir taught us that knowledge gives skill, understanding as well as an exhilarating feeling of freedom, joy and humility. Thus we embarked on our quest for knowledge. Waking up at 5 in the morning started giving a new-found happiness. We had an opening speech by Nitin sir and a very interesting class on Geographic Information System (GIS). The class and lab visit on Nanotechnology was in 1 word - awe-inspiring. We were astonished to see the kind of progressive



work being done at AIT in the field of nanotechnology.

The class on telecommunication was equally interesting and the lecture on Corporate Social Responsibility (CSR) really made us ponder whether we are truly socially aware about our duties. Then came the event that taught us team work, synchronization and made us realize that education is actually a lot of fun. The GPS treasure hunt made us run all around the campus with a GPS tracker and at the end of the day we were left with a feeling of utter satisfaction.

We all believe that we are living in the reality but then came Augmented Reality... this class was an eye opener. The class on 3D computer graphics by Dr. Sumanta Guha was encapturing. We made a lot of field visits. We were awed by NSTDA, Bangkok University and National Science Museum. For

the girls, floating market and Ayuthaya were nothing short of paradise as we shopped a lot. The visit to Bang Pa In Palace was extremely enjoyable. In Safari World we came close to the wild world around us. We attended many enriching classes on packaging technology, energy, urban safety and disaster risk management. The lecture on Earth Observation Systems by NASA scientist Dr. Garik Gutman was a storehouse of knowledge.

On the second last day we gave PowerPoint presentations and had a cultural programme followed by a very sumptuous dinner. The last day consisted of a little shopping and finally with moist eyes we



bid adieu to AIT and our professors and headed towards our motherland taking a part of the rich Thai culture with us.

Before signing off I wish to thank Sajal sir and Baisakhi ma'am for always being there for us. We are thankful to all our professors at AIT for making our stay so memorable and enjoyable.

On the day of our departure from AIT my parting thoughts were-

You have given me a spark
And set my wings on fire
Like a phoenix from my ashes I have risen
And to fly towards knowledge is my desire.....

1. Find atleast 16 miscellaneous meaningful words from the following box. The more the merrier.

1. Enter data using the keyboard

Miscellaneous Words

T	P	N	W	K	R	A	P	N	O	W	Y	E	H	T	X	L	P	O	F	F	K	Q	D	D	A	Q	E
G	A	Q	E	Q	U	S	Z	Q	E	P	U	E	Q	M	V	R	V	B	Q	R	C	X	J	N	F	R	G
K	S	B	T	D	O	W	E	L	B	P	P	L	G	S	Y	A	M	L	G	A	M	G	U	U	N	I	D
K	S	H	A	L	F	E	R	Z	C	X	O	O	Z	W	R	C	Q	I	S	L	K	K	K	T	F	W	I
X	A	W	D	E	L	E	R	E	S	I	N	H	S	C	X	W	R	Q	N	P	Q	R	G	G	X	F	R
W	G	I	U	B	S	I	S	B	U	I	K	W	R	E	N	K	S	U	F	N	H	K	C	O	H	S	F
Z	E	E	B	T	I	A	R	S	P	R	O	V	I	D	E	B	Y	E	M	K	D	V	N	K	J	P	C
R	U	I	R	F	X	X	Y	T	Y	F	N	M	J	G	L	R	T	N	V	K	X	L	N	T	E	V	X
Q	U	I	V	E	R	P	T	L	S	C	P	S	N	T	E	E	C	G	K	D	D	X	E	E	R	Y	X
Q	C	L	T	E	U	E	R	P	U	O	U	A	I	P	O	E	R	Y	V	B	C	N	W	S	Y	Q	U
T	U	T	M	O	S	T	D	B	F	R	N	N	A	T	B	V	F	W	O	L	L	E	Y	D	S	T	E
U	S	E	F	U	L	V	E	N	U	S	P	P	C	P	W	Z	P	D	R	V	F	E	Q	C	Z	E	O
P	R	O	V	O	K	E	E	D	A	E	S	Z	F	L	E	R	C	E	L	N	T	O	N	Y	K	C	V
T	G	L	L	E	U	Q	J	L	E	W	M	J	L	W	E	T	S	M	I	E	K	D	N	Y	M	C	L
P	A	R	T	I	C	L	E	Z	E	V	L	A	S	I	K	O	E	W	D	M	I	Y	N	W	A	T	B
N	E	K	C	I	U	Q	S	N	M	U	F	F	Z	C	R	G	L	U	V	P	A	Y	D	D	S	Q	V
S	H	T	Y	P	I	C	T	U	R	E	O	Y	P	T	A	E	E	I	X	R	U	I	E	O	W	N	M
Z	H	M	A	E	F	E	T	U	L	A	S	Y	M	L	G	C	O	U	P	Z	M	L	Y	W	E	D	C
M	K	A	O	R	D	P	Z	R	E	D	N	U	L	F	A	V	J	I	H	I	I	K	D	H	D	U	H
C	D	L	R	Y	D	V	W	Y	S	D	O	I	K	G	X	H	C	W	T	E	X	T	M	V	V	F	C
H	L	G	L	E	G	Y	X	U	P	C	V	A	T	S	V	A	K	S	V	A	F	S	E	W	D	T	L

ANSWER

2. Can you answer the following riddles?

Forward I am heavy, but backward I am not. What am I?

Before Mount Everest was discovered, what was the highest mountain on Earth?

A barrel of water weighs 20 pounds. What must you add to it to make it weigh 12 pounds?