Shri Govindram Seksaria Institute Of Technology And Science

Department Of Computer Engineering

अभिव्यक्ति

Message from the HOD

I am glad that the staff and students of our department is bringing out the magazine "Abhikalitra". Since 1983, the Computer Engineering department of Shri Govindram Seksaria Institute of Technology and Science has been contributing towards the educational, cultural and social development of the students. It is endeavoring to provide skill set ranging from professional, conceptual, behavioral to interpersonal skills and inter domain skills with creativity and positive attitude of competitiveness, innovativeness in thinking, ready to accept challenges, willingness to learn new tools and technologies to produce lifelong learners.

In the words of great English wit and play Wright George Bernard Shaw, "Life is like a cash register in which every account, every thought, every deed, like every sales is registered and recorded." In other words, not a single moment in our lives is uneventful and insignificant as it may appear to us. Every moment is important, not a single moment of our life should be wasted idly, because the moment once passed by never returns. "Time and tide waits for none." What we do today is going to decide our future.

So, I appeal to all of you spend your time and efforts wisely for your betterment and wishes you all success in all your future endeavor.

Dr. Urjita Thakar
Head Of The Department

From the Editor's Desk

Dear Readers,

We are jubilant to present the second edition of the departmental magazine of Computer Science, Abhikalitra. The magazine is aimed at providing a new platform for effective information exchange. It provides an insight to the thriving legacy of the Computer Science Department of our esteemed institute Shri Govindram Seksaria Institute of Technology and Science. Abhikalitra showcases the array of budding entrepreneurs, performers, achievers and leaders that developed their skill set under the expertise and guidance of the dedicated faculties at the Computer Science Department. We also proffer the beautiful literary, scholarly and aesthetic artworks that are presented by the students of Computer Science.

With each successful year, we strive towards making even the slightest possible contributions to our environment and create a better world. We appreciate your love and participation and wish your support in the forthcoming years.

Ms. Richa Mishra
Assistant Professor

DEPARTMENT OF COMPUTER ENGINEERING

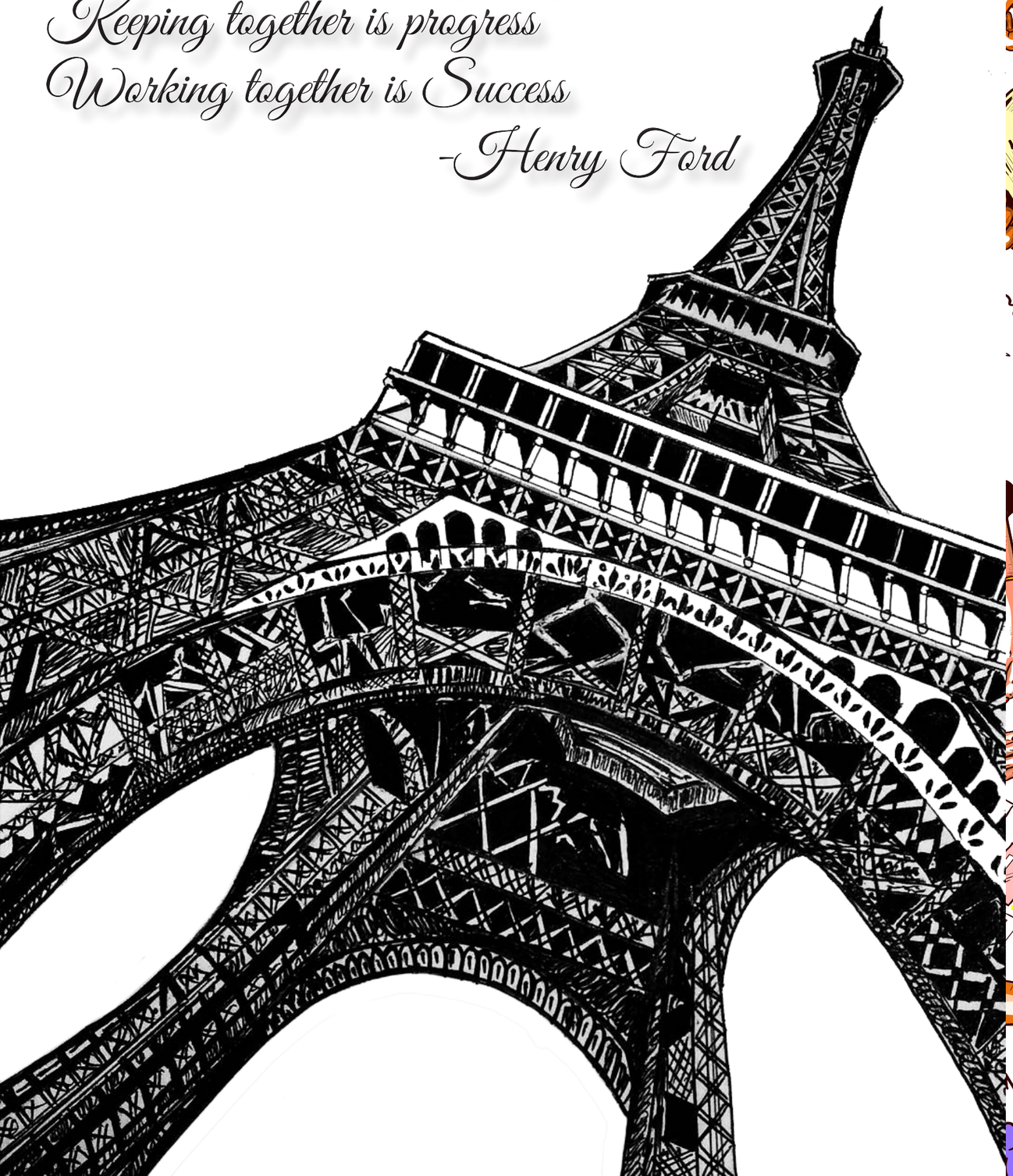
MASTERS OF ENGINEERING

CLASS OF 2018

BACHELOR OF ENGINEERING

CLASS OF 2018

Coming together is a beginning
Keeping together is progress
Working together is Success
-Henry Ford



EDITORIAL BOARD

III Year

Nidhi Jain, Pooja choudhary, Shubham

II Year

Palak Agrawal, Piyush Parwani, Parth Ghadge

I Year

Kirti Mandloi, Mrunali Patil

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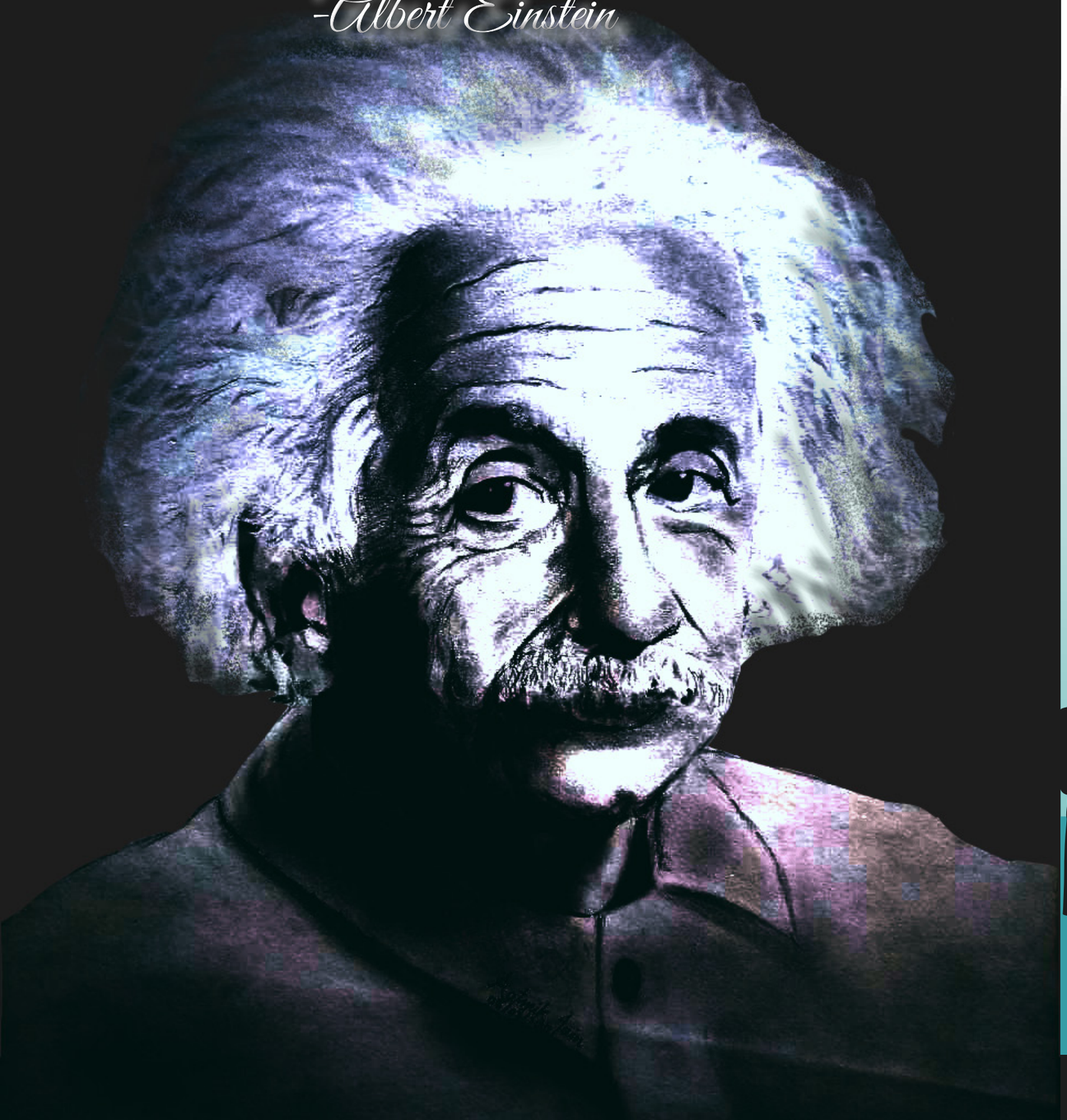
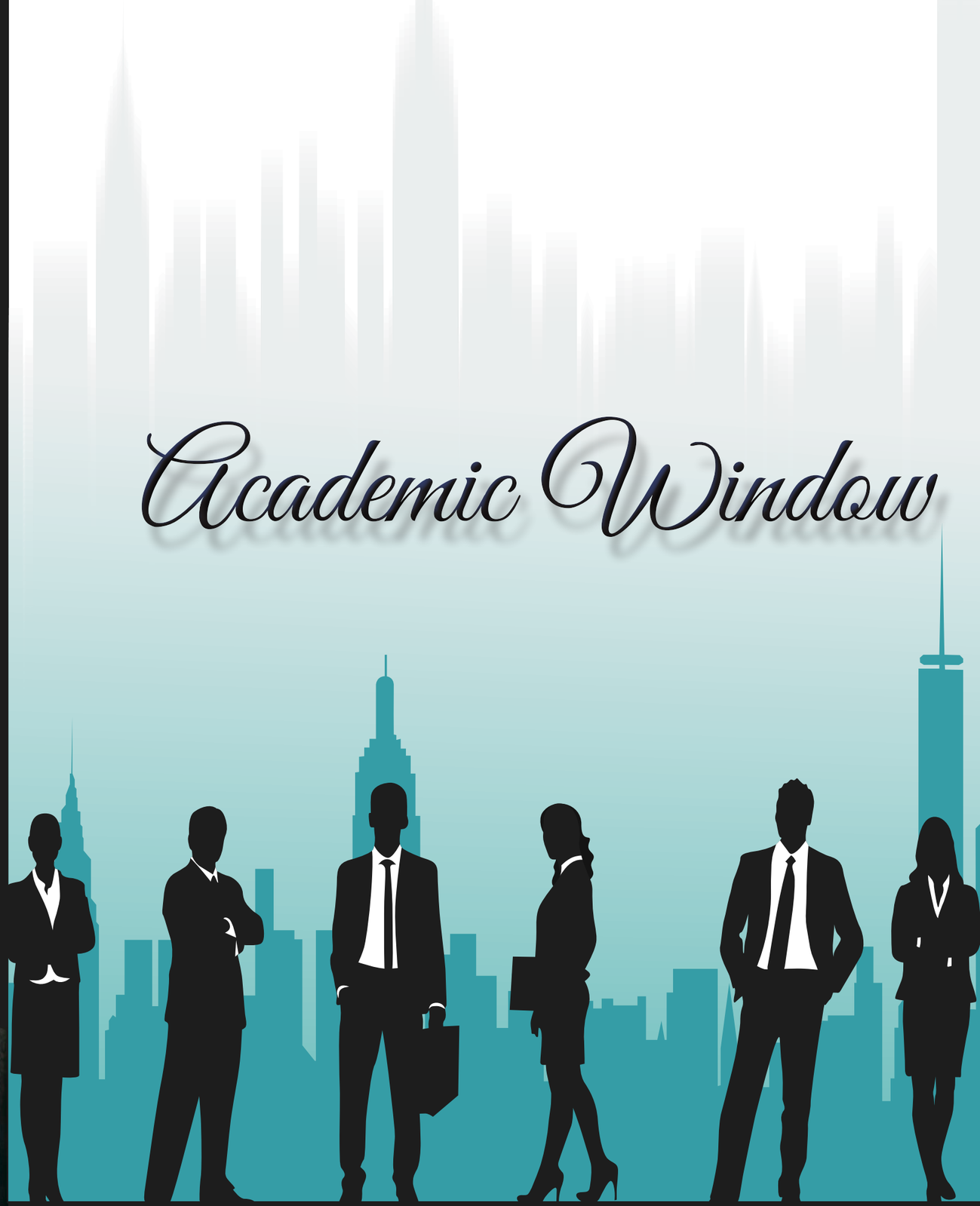
The important thing is to not stop quuestioning. Curiosity has its own reason for existing.

-Albert Einstein



Academic Window



PLACEMENTS
AT A GLANCE

S. No.	Student Name	Company	Package (L.P.A.)
1	Karishma Demla	Quantile Analytics Pvt Ltd	8.00
2	Suryansh Soni	Sap	7.50
3	Ayushi Tiwari	Mu Sigma	7.00
4	Anuj Dubey	Mu Sigma	7.00
5	Saransh Gupta	Principal Global Services	6.80
6	Chaitanya	Principal Global Services	6.80
7	Shubham Menkudle	Cognizant	6.67
8	Lavish Mishra	Cognizant	6.50
9	Uditi Sodhani	Principal Global Services	6.00
10	Tasneem Lightwala	Persistent Systems	6.00
11	Mayank Goyal	Persistent Systems	6.00
12	Gunjan Balde	Persistent Systems	6.00
13	Abhinav Jain	Worldpay Inc	6.00
14	Vini Sawjiani	WorldPay	5.60
15	Aditya Malani	Worldpay	5.50
16	Srajan Soni	Worldpay	5.40
17	Shruthi Khurana	Worldpay	5.40
18	Nidhi Kasliwal	WorldPay	5.40
19	Aditya Vashishtha	Worldpay	5.40
20	Abhishek Verma	Worldpay	5.40
21	Harshit Koolwal	Grey B	5.20
22	Somil	ORACLE	5.00
23	Burhanuddin Dabriwala	LTI	5.00
24	Aman Agrawal	Mu Sigma	5.00
25	Nutan Patil	Persistent Systems	4.60
26	Siddharth Hatkar	LTI	4.50
27	Somil Jain	LTI	4.20
28	Parth Natu	LTI	4.20
29	Siddharth Sharma	LTI	4.18
30	Sanika Patil	LTI	4.18
31	Tanya Shroff	Infobeans	4.00
32	Gourav Mehta	LTI	3.50
33	Disha Gupta	Infosys	3.50
34	Kalpana Paliwal	Infobeans	3.40
35	Anand Sajankar	Infobeans	3.40
36	Chetna Vishwakarma	Infosys	3.30
37	Deepali Nagwade	Infosys	3.25
38	Aamrah	Wipro Limited	3.20

Industrial Visits

targeted goal of delivering efficient citizen services to the common public in the State. To succeed in this endeavor, NIC implemented State-wide network of District Centers and sub-offices. Currently, NIC District Centers are operational at all the 50 Districts. NIC has also created special Centers at various important locations, i.e., State Secretariat (Mantralaya), State Legislative Assembly (Vidhan Sabha), High Court & it's two Benches, Commissioner Land Records and Passport Office.

NIC officials has been publishing papers and reports addressing various issues related to e-Governance, GIS, Cloud Computing, e-governance for the better governance and management of activities in rural areas, Performance management and various other issues.

National Informatics Centre

Madhya Pradesh State Centre (MPSC), of NIC, Madhya Pradesh – "The Cyber Gateway of the State" was setup at Bhopal, in the year 1988, to play a catalytic role in promoting informatics culture and providing ICT services to government departments/organization, besides architecting & implementing various e-Governance initiatives with the best possible technology support for achieving

Shree Singaji Super Thermal power Project

Shree Singaji Super Thermal Power Project is a coal-fired power plant located near Dongaliya village near by Mundi of Khandwa District in Madhya Pradesh state of India. This project is owned by Madhya Pradesh Power Generating Co. Ltd. (MPPGCL) which is engaged in the generation of electricity in the state of Madhya Pradesh.

Raja Ramanna Centre For Advanced Technology

The Raja Ramanna Centre for Advanced Technology is a unit of Department of Atomic Energy, Government of India, engaged in R&D in non-nuclear front-line research areas of lasers, particle accelerators and related technologies

Research Papers

1. Urjita Thakar, Pooja Khete, "Prevention Against CSRF Attack Using Client Server Mutual Authentication Technique", International Research Journal of Engineering and Technology (IRJET),www.irjet.net, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 04 Issue: 11, Nov -2017.

2. Urjita Thakar, Amisha Kumari, Hellinger Distance Based Oversampling Method to Solve Multi-class Imbalance Problem", 7th IEEE International Conference on Communication Systems and Network Technologies (CSNT-2017) Organized by IIIT, Nagpur, Nov 11-13, 2017 at Nagpur, India.

3. Urjita Thakar, Ritendra Patel,Vandan Tewari, A mechanism for Operation Level Role Based Access Control in Web Services, ,7th IEEE International Conference on Communication Systems and Network Technologies (CSNT-2017) Organized by IIIT, Nagpur, Nov 11-13, 2017 at Nagpur, India.

4. Urjita Thakar, Prabhjyot Juneja, A Signature-based Clustering Approach for Record Matching from Multiple Databases, International Journal of Computational Engineering & Management (IJCEM), (Volume 20 Issue 6, November 2017) www.ijcem.org,ISSN: 2230-7893, UGC APPROVED INTERNATIONAL JOURNAL.

5. Urjita Thakar, Prabhjyot Juneja," An Efficient and Scalable Record Linkage Approach to Identify Falsified Applications in e-Governance Databases,2018 International Conference on Computer Communication and Informatics (ICCCI -2018), Jan. 04 – 06, 2018, Coimbatore, INDIA (ACCEPTED).

6. Surendra Gupta, Deeksha Punase, "A MST-KNN based Multiclass Classification By Using Class Distance Measure For Similarity Clustering Of Classes", IEEE 2018 International Conference on Computer Communication and Informatics (ICCCI -2018), Jan. 04 – 06, 2018 Coimbatore, INDIA.

7. Surendra Gupta, Sanjeev Kumar, "Adaptive feedback based QoS routing protocol for MANET",IEEE 2018 International Conference on Computer Communication and Informatics (ICCCI -2018),Jan. 04 – 06, 2018 Coimbatore, INDIA.

8. Surendra Gupta, Ankit Dwivedi, "Comparative Study Of Different Image Reconstruction Methods", IEEE International Conference on Communication, Information and Computing Technology, Mumbai, ICCICT-2018.

9. Himani Mishra, Rajesh ku. Chakrawarti, Pratosh Bansal, "Implementation of Hindi to English Idiom Translation System" , ICANI'18 Springer, Medicaps University, Indore.

Expert Lectures

1. Expert lecture on 'Micro-Architecture' was organized in the month of April '18 by Mr. Sudarshan Varma, Director of technology ADVANZ101Business Systems Inc.

2. Expert lecture on the topic 'Planning of an Enterprise Project' was organized in the month of January '18 by Mr. Pankaj Mittal, Sr. Vice President, Impetus Infotech India Pvt Ltd, Indore.

3. Expert Lecture on 'Case Study of a Nationwide IT Project' was organized in the month of January '18 Mr. S.H. Abbas Mehdi, Director, Software Technology Parks of India, , Govt. Of India.

Mr. Sudarshan Varma
(Director Of Technology, ADVANZ101Business Systems Inc.)

Dr. Aruna Tiwari
(Assistant Professor, IIT Indore)

4. Expert Lecture on 'Problems to handle complex project database' was organized in the month of November '17 Dr. Aruna Tiwari (Assistant Professor, IIT Indore).

5. Expert Lecture on 'Object Oriented Design' was organized in the month of November '17 Dr. Aruna Tiwari (Assistant Professor, IIT Indore).

Genesis of the Computer World and its Activities

Our college is resonant in the number of clubs it has, varying in purpose, idea, and activities, each one of them is a goldmine of learning. In the year 2017, with the idea of working in the sweep of Computer Science and language skills, the respected department laid the premise for the formation of the Computer Club. This club constitutes the faculty members and students of the Computer Science and Engineering department, the members were selected through a written selection test on programming. It is predominantly a departmental club which zeros in on the skills of its students in varied disciplines like programming, coding, debugging, etc. The club is not only aimed at making its members skilful programmers but quite vehemently dexterous engineers. More often than not we come across various problems in our daily hustles that need impromptu solutions, more from a perspective of having good problem-solving skills than to just analysing one, this club has made this skill an imperative part of all its doing. It has barely been a year since this club has established and it is already on record to have held an event in the grand college festival of Aayam. The event was named Code with Flow, it was conducted for students from all engineering disciplines, devised to evaluate the contestants along the lines of their coding, decoding and debugging skills through a course of 3 levels, each one affirming to the elimination criteria. The teams that conformed with the promoting criteria of a stage was appraised to the next one. The first level of the game had the contestants to formulate the appropriate code addressing the solution to their given coding problem. A demo was presented to the students for their better understanding of the round before the commencement of the competition. The students were provided with an online maze and a ball, the instructions being that they had to firstly unify the ball to the given maze and the culmination of the task was to compose the codes for the ball to regulate its dimensions and dynamics as such as to traverse through the maze unobtrusively without bouncing back from the walls of the maze, negative marks were assigned lest it did. The codes were written in Scratch programming language which is a venture of the MIT Media Lab. The objective of this round was to check the rationale of the students for

Scratch Interface

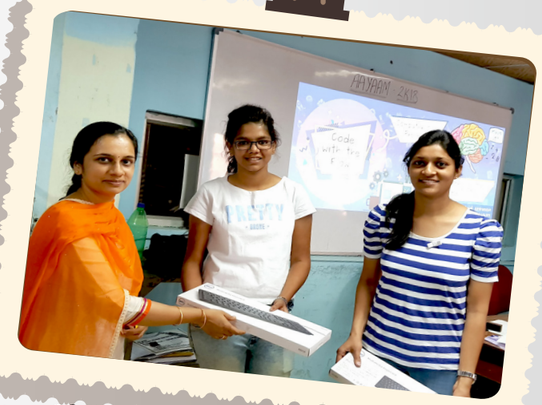
Hunt round in which the students were allocated seats, based on the hint sited on a chit that they were handed. After their allocation, they were provided with erroneous code segments that were to be debugged. Conducted on PC, this round examined debugging skills of the contenders through competitive coding. Evidently, the nature of the problems was quite challenging.
The round involved theory and programming problems. The problems faced, revolved around the concepts like input-output constraints and many such programming methodologies. The end of this round was the determinant of the round winners and consequently, the event winners. Held in a single day, this event in its totality was very well received by the entire college fraternity.

solving a problem, the assessment was done on the basis of the functionality, complexity and authenticity of their solutions. After the completion of the first round, the triumphant teams were augmented to the second stage. The round was conducted as a paper-pen round, the competitors were given three programs for which they had to determine the outcome. The programs dealt with various genres like recursion, command line arguments etc. The intent of this round was to speculate the analysing and contemplating aptitude of the participants. The victorious students thrived to the third and closing round of the event, the finale round was proclaimed as a Treasure-

Computer Club Team

It brought in an appreciable number of participants despite its low popularity attributed to its novelty. The club has only looked forward since.

The club has conducted several workshops for the benefaction of its students. In the month of March, this year, a workshop on Web Development was held in collaboration with Codefoster, an IT department club. Through that workshop, the students were primed with the basics of Web Development. The workshop was helm by tutelage of a 4th year student Ashish Patel of IT department who is a proficient web developer. In pursuit



Winners Of Code With The Flow: Priyanshi Agrawal and Sanskruti Khandelwal Of II Year CSE with Dr. Anuradha Purohit

to provide a hands-on experience of the directive, attendants were advised to carry laptops to the workshop. The students were taught the fundamentals of HTML, CSS and Javascript, knowledge of which is imperative in the sphere our lives loom in today. This workshop indeed did brief the students about the manifolds of things that make up a good website and about the essential tools that are crucial to the entire premise of Web Development. This workshop too saw a satisfactory participation from the students and was acknowledged by everyone it catered to.

Code With the Flow Participants

The club administers not only Computer Science related activities but also those that provide elemental knowledge of skills that are required as a professional. The latest event that was conducted by the club was not based on programming or academic learning but on the grounds of presentation and Resume structuring. The session was undertaken by Mrs. Priyanka Bamne ma'am, an esteemed faculty member of the Computer Science department and also the cornerstone of this club. Through this session the students were versed with the how's and what's of creating a methodical and authentic resume. This was done using a document preparation system called Latex. Through Latex one can stylize text and structure a given document according to their need. Through an online Latex and Rich Text collaborative writing and publishing tool called Overleaf students were taught to design their resume for various purposes. Overall, the club has performed very extensively in its short tenure till date.

This club is not to be assumed as one of the "all work, no play" clubs. It is a staunch believer of an overall development of students. From time to time, the club has conducted group discussions and mock interviews to impart speaking fluency and to furnish confidence. Teamwork is one of the many attributes that is seldom underrated when it comes to arena of self-development, hence one of the important motives of the club is to instil teamwork skills, social and self-disciple in its students. Agreeably, these soft skills cannot be taught through a lecture neither can they be judged by marks, these skills are self-morphing and the sanguine aura of this club provides just that. It stands for team spirit and kinship where no one gets left out. It facilitates and promotes the idea and the essence of creativity and imagination through its magazine, providing a channel for inner Picasso and Shakespeare among its students to bloom. It believes in the idea of idiosyncrasy that each one of us is gifted with peculiar skills apart from those of our engineering disciples, which need nurturing too. It carries its morals on the edge of its sleeves betokening on every move, the importance of individuality. It opens its arms for the reception of every talent, every skill, every passion, every art, every perspective, every opinion and everything that makes one more than just a finessed programmer or a skilled engineer but a better version of themselves, in the guise of a problem solver, a risk taker and a youth that envisions and endeavours to foster a future that is not just sufficient but incredible.

"It is often in the darkest skies that we see the brightest stars"

-Richard Evans

Kavyanjali

One Day

Maybe one day, we'll meet again
Again, up there
Where there are no boundaries
Only colors
Colors of love
Only peace
Peace which soothes like a lullaby
Only happiness
Happiness which we cannot get down here

All of it, up there

In a heaven, which we don't know if exists
But have faith my love,

Cause down here, where we exist
Such a faith cannot be kept

In this world, where we exist
There's only limitless despair

Here, love perplexes humankind
Only hatred and war is understood

Down here, people have false faces
The world is unassailable, my love

But up there, we'll win

Kajal Shrivastava
II Year

Unwritten

We inked the wretched blankness
Of the sheets beneath our pens
To rewrite the ellipses of things
Misted with words unasked for
We dreamt of a poem that would suffice
In loops of words and metaphors
Whatever we had let define us
We signed at the end of it
Our names beneath the last stanza
Indented towards right

We called ourselves writers
Happy to have let out what did need a vent
With every word imprinted on the paper
A new truth was pursued
Don't look at me like I have sinned
It's you who had believed
Search not for Revelations
In these unduly words of mine
After a lifetime of shielded feelings
We inked the wretched blankness

Of the sheets beneath our pens
Our hearts have a way out I think
With my paper and it's blankness
And the ink that moves over it
For every real word that came out
Turned into tear or silence
No true emotion ever makes it here
Everything in the coffer of truth
Are words unwritten

-Alefiya Kothari
I Year

Autumn

Departed early this morning
I left my home in haste
I grabbed whatever I found around
In a worrying tiresome distaste
As I had held the door ajar
Seeped into my home
A gush of cold biting envelope
My hands clanked against the freezing knob
And every sliver in the wooden door
Had hurt me more than before
Forever as it was, my home welcomed me to leave
Trusting the wind to love it's kin
I walked miles in search of a serape
In the cold violation of my old lover
My winter and it's animosities
I walked long distances in search of the tree I had fallen from
Wondering if the other maples too felt equally lost
But I'm not saying it was Autumn,
My dear ,it was frost.

Alefiya Kothari
I Year

The Untrodden Path

It is duIl,it is dark,
I don't know which way to go.
My life is in the doldrums,
Swinging and swaying from head to toe.

You have to choose what you want to be
You must decide what you want to be
And I am left to take my life or flee
I om in a fix with my mind shuttling to and fro

My dreams I have to fulfill,
But I have to work very hard still.
It's an un-trodden path I have to tread,
But how do I select the best from what has been said?

But I need to be guided; I need to be told,
For life is a mystery, which I have to unfold.
I keep my aspirations high,
For who knows, one day I might touch the sky!

-Muskan Hoondlani
I Year

Words

Like a flutter of wings
Like a nascent thought
Transient,
I live.

Uttered by an afflicted heart
A soft touch
On his muse's lips
Sensuous
Enticing
I enrich life.

Moving mobs
Halting the jostling mayhem
Proffering purpose
Granting unrest,
I fuel, and drain.

A mute child's desire
Sheen to a mother's eyes
A tacit man's earnest want
Warmth
To an unfeeling heart

A crutch to the living
Lament of the deceased
A song,
To the labyrinth that's life.

-Tanvi Agrawal
II Year

Ephemeral Eternity

When the night has fallen and I hear your grieves,
I'll be there to extenuate the pain of your withered leaves.
With my light, your congenital beauty to the world
I'll manifest,
Put all your self-doubts and insecurities to rest.
A skosh more hours and I'll recede,
Paving the way for the sun to succeed.
But don't you lose your charm, don't you forget that
I love you.
Every night under this starry sky, is where we'll
have our rendezvous.

-Akshat Gupta
II Year

Friends

All I can say is that friends oren't bod
Even when they're annoying or driving you mad.
They'll pick you up when you are down,
They are even ready to give you their crown.

They laugh at your jokes, even if they aren't funny,
True friends just do it to sweeten your heart like honey.
They are honest to you, as flower to dew,
Both helpful and loyal, friends are always true.

So put your friends to the ultimate test,
And in the world's eyes, they might not be the best
But in your nest,
They'll always be better than best!

-Muskan Hoondlani
I Year

Time

Time heals
As the watch ticks by
We learn to laugh
And we learn to hide

True faces are revealed
As the watch ticks by
We learn to deal
And we learn to be sly

Wounds are scratched
As the watch ticks by
Because history repeats
But to cope, we try

Future becomes present
As the watch ticks by
Present becomes past
Time we can't buy

So many dreams
As the watch ticks by
are left untouched
And some fly high

One day, everythinx`g stops
Still the watch ticks by
Memories remain
and an urge to say goodbye

-Kajal Shrivastava
II Year

The splendid thing about falling apart silently... is that you can start over as many times as you like.

-Sanober Khan

Rachyitra

Extroverts

Can you tell me about the most dangerous drug? A drug which is necessary for survival but at the same time its addiction can make you insane ,drive you crazy, makes you the happiest and the most vulnerable, all at the same time .And guess what? This drug is the most easily available thing on the planet EARTH, you don't even need to inject it or take a puff, its company all alone can destroy you.

It is often seen that we sympathize with introverts considering that they may not be vocal enough to put their points, opinion. Also, somewhere this generation has become so obsessed with introvertism that every other individual who is shy, nervous, not confident for any reason finds himself safe with this term introvert, and therefore with this rising support for introvertism , In the air of introverts all around extroverts have lost their charm.
For introverts always have a choice, they can plug in earphones, get into their favorite pajamas, get some coffee, read the bestselling novel and they be the happiest. But an extrovert need people, and every time an introvert is given privilege of choice, extrovert finds it hard to confine ,you may not really understand the plight of an extrovert but I being a extrovert have experienced it all.

Many times I probably knew that you really don't like me much, but I as an extrovert find acknowledgement as the need, even after knowing all I try to greet. It is not always that I get a lot to speak but the presence of people around me makes me happy. Even if they all try to ignore me I prefer them over my loneliness, probably ignorance is better than loneliness for me.
And amidst all the ignorance and greets I have always found the best in correct mix of introverts and extroverts around me. So, with the rising adaption of introvertism don't be insensible for extroverts please. Even, extroverts like to read books, watch web series, get into their favourite pajamas & get coffee but for all this they need a Introvert beside them hearing all the stories.

-Mansee Verma
III Year

BitCoins: A Controversial Cryptocurrency

What is the bitcoin? Is it the actual coin? Did someone cite off a piece of a coin making it a "Bit" coin? Can it be only cashed out in coins? OK OK I promise that's the end of the terrible Bitcoin jokes.....though I personally, did like the second one if may say so. So, what the heck is the bitcoin? Bitcoin is a decentralized digital currency. What this means is that there are no banks or governments that manage the currency and its transactions. When you think about currency, most people think about the currency they are used to using almost every day. This can be Dollar, the Euro, the Pound, the Yen, the Peso and so on and so forth. These types of currencies that can come in the form of both coins and paper and can also be used digitally by the means of credit cards and or online transaction systems like PayPal, Venmo, etc. Bitcoin works similarly to the latter and there is no such thing as a physical Bitcoin.

How Bitcoin transactions work? Bitcoin transactions are digitally signed for security. Everyone on the network gets to know about a transaction.
A transaction contains 3 pieces of information. The first part contains thebitcoin wallet address of the sender, the second part contains the amount that has been sent, and the third part contains the bitcoin wallet address of the recipient. A bitcoin can also be considered as an invisible currency with only the transaction records between different addresses. Every transaction ever made using Bitcoin is stored in a public ledger called a Blockchain.

How Bitcoins come in the market? Since Bitcoins is a decentralized currency, they aren't printed, like rupees, they're produced by people, and big companies, running computers all around the world, using software that solves mathematical problems. Bitcoins are mined using computing power of distributed network. This network also processes transaction made using Bitcoin. Since the Bitcoins are mined on the basis of computing power, so they take time to be generated. At present, value of 1 bitcoin is 530886.89 Indian Rupee. To keep it valuable, it has been stated that only 21 million bitcoins can be created by miners. By the year 2140, all the bitcoins will be created. Around the world, thousands of computers with very high computing power are processing transactions and securing the network by solving complex mathematical calculations and are collecting new bitcoins in exchange.

Can Bitcoin be stopped? So, will Bitcoin ever go away? It doesn't look

like it. More merchants are accepting the online currency regardless of what the SEC (U.S. Securities and Exchange Commission) thinks. Will it just become so unstable that it finally collapses from within? Or will it stick around until 2140 when the last Bitcoin is mined, and we're left with a finite, hopefully, more controllable amount of the money.

-Chetna Kumbhare
III Year

How social media hacks your life

The disclaimer is right up front. All the facts used in the article are collected from my paper reading and internet resources and are true to my knowledge. Now for almost two transforming decades of this neo-liberal turn due to the mindboggling introduction of so called GAFA (Google, Apple, Amazon and Facebook) in our life. How often do you ask "Why the heck they are free?" Most of us are so indulged in this eternal socialising event that we neglect the eccentric truth about the whole idea of free service.

People are unaware of the data they are creating every time they click like or share is actually putting money in the pocket of these 'Bohemian Blue chips'. This is only one perspective which known to everyone who have technical background. What about the details and access we provide with good faith that it will not be misused? I am not going after the socioeconomic impact because it will be counterintuitive to my whole perspective. We will sought out only the modus operandi.

Let's look out what Google has turn out from the search engine to a massive advertising medium which collect all the data from the user and sell it to the big corporates so that they can target their customers precisely. Even recently the record €2.4bn fine imposed by the European Union on Google for wilfully manipulating the search result so that the choices of the user get limited and they get paid for that prioritising.

Facebook too manipulate the news feed we think we are getting unfiltered in such a way that it maximise the clicks and taps whether we enjoy it or not. They got truckloads of money for ever page you like or share so why will they care for your likes and dislikes.

If that is also not worth of your concern then what you think about this "In near future 25% of global revenue and 60% of online advertisement will be in the possession of two giants without producing any content of their own: Google and Facebook".

Aren't you people afraid of the breach in our privacy? According to the amount of data provided by users they can actually sell you without giving a penny in return.

Think about it this way: Why it is so addictive? - may be a threat of being left out of from the updated generation but what is the most subtle incentive – the psychological reward such as 'likes' which uses same trickery of beguilement as they use in the casinos to ensnare the customer. Economists suggests that the very technologies we suppose increase our productivity are actually responsible for the plateau in the growth of the productivity of workers all over the world.It is not the reason for my outburst. My real concern is that our generation is somehow so plunged in this thoughtless enthrallment. Why it is so subtle and still we don't have solutions? The real question is why India is not creating its own Google and Facebook. This is not a solution for this dilemma but at least it will help to solve the unemployment quest of the youths as well as for the government itself. At least in this way we can provide our self a proper regulating body to take care of our best interest.

-Pushpendra Sastiya
II Year

Why India is not creating its own Google and Facebook?

Some of you might have the expression of incredulity in your face "Why you need another one if you already have one?" I must say I am aghast by the sheer lack of awareness and our government's lack of vision over this very strategic issue. You must disagree with me and why not we are in a free country.

Recently union minister Jayant Sinha urged Indian entrepreneurs to develop product and services that will solve "the problem of our own" while speaking at India Ideas Conclave 2017.

India is a huge market of 140 crores plus. With data becoming the new oil and the explosion in data driven business and the monetary value of those. Sadly, the entire internet service market is captured by the American and Chinese giants. We handed over entire market to the foreigners, without any complaint..

We have already missed the chance of industrial revolution due to colonial powers and also missed the last few decades of independence to boost our manufacturing industries. It is our only chance and still we are missing this opportunity.

We are heading towards a new virtual world run by big tech giants. It is not surprising that over the course of just ten years the top three companies according to the market capitalisation are Apple, Alphabet and Google all three are American. Amazon and Facebook are 6th and 7th respectively. Do you see India anywhere, yes we are the biggest consumer base for this capitalist predators. What a joke? What are we waiting for? What it is that talking us too long to evolve from the consumer mind-set to the ownership mind-set? Well this is very harsh truth but someone have to speak otherwise it is absolute futile to dream of becoming world power.

Talking about China. They have a very clear aim of becoming superpower nation. They started nourishing their own digital brands from 1980's onwards. Now they have arrived strongly Tencent and Alibaba are among the most valuable public companies. In India our biggest three IT firms TCS, Infosys and Wipro. Their market capitalisation is just 10% of the top three IT firms of China. They were a great success from 1992 to 2010 and they are the biggest failure going forward. You will have no companies left by 2025. It will all American or Chinese. We are at the edge of extinction. May be it is too early to say that but the way we are heading is leading us nowhere. They are happy with their quarterly profit while stashing millions of dollars. They are too afraid of investing it. Initiatives at this scale can only be done by government only and it is not worth of asking private tech companies to do so.

The opportunity has been lost what it seems impossible in 2005 is a reality now. Data is a new oil and we are losing this new oil at very fast pace. There is no ecosystem in India as tech giants in the Silicon Valley are run by Indians (Sunder Pichai and Satya Nadella) and there are thousands more in almost every company. So talent is not the issue here nor the market is the issue because as I said earlier we are about 140 crores plus.

So finally why worry at all? There are much more incentives involved. These tech giants have been "Super Corporation" of valuation running into 100s of billions. These provide great financial strength, great influence on public opinion, all data under their control, strategic control over national agenda and finally hollowing out over own commerce and trade.

The good news is we got all the prerequisite provisions to begin with. We have talent, market, reasons and capability to start a new revolution. If our great leadership decides we will be in the topmost internet brands in less than 10 years.

-Pushpendra Sastiya
II Year

Do We Need 'A Wednesday' In Real?

Hey! What are those?
That looks beautiful.
Oh! Are they hopes?
Yes. In flames of candles.
But wait, are we fighting?
Yes. Against scandals.
Haha. That's impossible.
The anger will burn down even before the candles do.

Well this is how we are! One excruciating incident shakes us all over. We get onto the roads for justice. We shout, we protest and then we forget. The air remains heated for a few days and then we all know what is the after-effect. Few years back it was Damini, now it's Asifa. Has the scenario really changed except for the girl and her name? This is very shameful to say but since 2012 we have not been able to come up with laws which could create even little fear in minds of such devils. We have been so unsuccessful in protecting our women and here we are now once again seeking justice for an innocent little girl who was brutally raped by monsters who call themselves saviour of religion.
But will this create any difference? Or do we truly need *A Wednesday* now to answer these scoundrels who think they can use women for their pleasure anytime, anywhere? Is it required by a common man to wake up, keep aside his household for a while and finish this task which has so far been neglected by the Government or the Police who are capable but not willing to do that or may be they don't find this

as important as maintaining relations with other nations. The entire focus is on becoming more and more powerful in nuclear terms, defeating Pakistan, growing stronger than China, making friends with Russia, Israel and other mighty nations, introducing bullet train and other such useless contracts. What is that all for? To save us from outside attacks? But we are not really very safe inside our own homes and those who are responsible don't realise or may be they do but just don't care. Why is it that the Prime Minister is always keen to speak on what they have done for nation's progress but is never concerned about commotions caused by antisocial elements which in reality, pulls us down. After all a small leak can sink a great ship.

But if the people in power are not ready to fix this, someone amongst us will have to take the charge and force some good to happen in these times when we are surrounded by gloominess and face melancholic situations everyday . It seems like we do need *A Wednesday.* Had this been a film, it would have been so easy!

-Padmesh Shahari
IV Year

Just To Pass

From an excellent, laborious and hard-working student to careless & last moment studying, we all have done one thing common: the way we took our studies. We knew that it was never meant to be deferred or thought upon as gargantuan task but the pressure that the "CORRECT" education system gave us till higher secondary; it escalated the desire to open, to flow, to free ourselves from the shackles of peer pressure and the studies. The immense competition that everyone went through either broke the die-hard attitude to solve any complex problem or it sucked the desire to do anything. The gates of the dam were now open and everyone wanted to enjoy their life. The differentials and integrals were now shifted from mathematics to the college groups; with each day, new dimensions adding and subtracting. Clubs and internal politics were now the new points of discussion with studies kept at bay. No one ever noticed it till the exam dates got released and then group study thrived. Everyone knew what they needed to do to pass but forgot what

they learnt as the next paper started. Really? Did we ever learn anything? We just passed. Our legs were meant to be strong enough to stand straight but at the end of four years, the majority of engineers merely knew how to crawl. The base was never set. No one actually cared. But then the eye-opening rejections in placements, GATE & CAT helped few understand what they lacked, but the time was gone. Efforts were now made to make up for the lost time but the concrete which was meant to be set in four years was hurried upon to be set in 4 months.

But it was never our fault. We were just the buds being plucked from plants and were expected to flourish without it. But did we ever get the support we wanted? We knew things were going to be different, somewhat difficult, somewhat scary, but we never knew we had to find the path in dark. We never knew what our pity actions would have had but we just waved hands to get out. Ever those hands got noticed. Ohh, actually we never know like how dark the room was. Everyone wondered how you achieved success; simply, by finding a path in this maze. A maze that we were ourselves got stuck in. But one thing after all this we learned was how to do things that we never knew. We had potential and we used it to its utmost in the very exam days that we studied. We covered huge portions of text in a blink. New concepts and theories evolved; actual doubts came, which were never a subject to be asked. The motive was never to learn, just to pass.

But after all these years, college actually strengthened my will, it gave me the courage to do anything. What we lacked was desire. The college taught us how to figure out solutions in situations we saw for the first time. Life lessons learned. I now realize that since I had the desire my base was built; built to an extent that I can withstand real situations. So the desire to do things should never be lost; the personality should never be lost. Because at the end of the day, personality matters. Life can never be passed the way we pass our college exams.

No one really gives damn about this but deep down, we know what we are doing. We have reasons for justifying, for acting, but it's important that we ponder and act early.

PS: Life is about learning. If you miss it, you will miss your life.

-Suryansh Soni
IV Year

Working Anything but 9 to 5

Narrated account of my Neighbour's fight with the "Hours of Chaos"

BHOPAL — In a typical last-minute scramble, Iram Khan, a 29-year-old Café Coffee Day barista and single mother, scraped together a plan for surviving the month of July without setting off family or financial disaster.

In contrast to the joyless work she had done at a Store 99 store and a KFC franchise, the ₹15000-a-month Café Coffee Day job gave Ms. Khan, the daughter of an alcoholic and an absentee father, the hope of forward motion. She had been hired because she showed up so many times, cheerful and persistent, asking for work, and she had a way of flicking away setbacks — such as a missed bus on her three-hour commute — with the phrase, "I'm over it."

Newly off public assistance, she was just a few credits shy of an associate degree in business and talked of getting a master's degree as some of her co-workers were. Her bimonthly bonus rarely topped ₹20000 to ₹25000; since starting in November, she had set aside ₹45000 towards a car — her next step toward stability and independence for herself and her 4-year-old son, Zafar.

But Ms. Khan's fluctuating hours, combined with her limited resources, had also turned their lives into a chronic crisis over the clock. She rarely learned her schedule more than three days before the start of a workweek, plunging her into urgent logistical puzzles over who would watch the boy. Months after starting the job she moved out of her aunt's home, in part because of mounting friction over the erratic schedule, which the aunt felt was also holding her family captive. Ms. Khan's degree was on indefinite pause because her shifting hours left her unable to commit to classes. She needed to work all she could, sometimes counting on dimes from the tip jar to make the bus fare home. If she dared ask for more stable hours, she feared, she would get fewer work hours over all.

Last month, she was scheduled to work until 11 p.m. on Friday, July 4; report again just hours later, at 4 a.m. on Saturday; and start again at 5 a.m. on Sunday. She braced herself to ask her aunt, Fatima Hassan, to watch Zafar, hoping she would not explode in annoyance, or worse, refuse. She vowed to somehow practice for the driving test that she had promised her boyfriend she would pass by the previous month. To stay awake, she would formulate

her own behind-the-counter coffee concoctions, pumping in extra shots of espresso.

Scheduling Chaos

Like increasing numbers of low-income mothers and fathers, Ms. Khan is at the center of a new collision that pits sophisticated workplace technology against some fundamental requirements of parenting, with particularly harsh consequences for poor single mothers. Along with virtually every major retail and restaurant chain, Café Coffee Day relies on software that choreographs workers in precise, intricate ballets, using sales patterns and other data to determine which of its 130,000 baristas are needed in its thousands of locations and exactly when. Big-box retailers or mall clothing chains are now capable of bringing in more hands in anticipation of a delivery truck pulling in or the weather changing and sending workers home when real-time analyses show sales are slowing. Managers are often compensated based on the efficiency of their staffing.

Scheduling is now a powerful tool to bolster profits, allowing businesses to cut labour costs with a few keystrokes. "It's like magic," said Charles DeWitt, vice president for business development at Kronos, which supplies the software for American Starbucks and many other chains.

Yet those advances are injecting turbulence into parents' routines and personal relationships, undermining efforts to expand preschool access, driving some mothers out of the work force and redistributing some of the uncertainty of doing business from corporations to families, say parents, child care providers and policy experts.

In a parallel world in Delhi, Archana Sharma often works "on call" hours at Raymond, a plus-size clothing store, rushing to make arrangements for her 5-year-old daughter if the store needs her. Before Shweta Verma was promoted to manager at a Big Bazaar in Connaught Place, she had to work any time the store needed; her mother "ended up having to move in with me," she said, because of the unpredictable hours. Aditi Silva is often dismissed early from her shifts at a McDonald's in Juhu, Mumbai, when the computers say sales are slow. The same sometimes happens to Ms. Khan at Café Coffee Day.

By Saturday afternoon of the Fourth of July weekend, Ms. Khan had made it through "clopening," closing late at night and opening again just a few hours later. But she had not yet worked up the courage to ask Ms. Rivera, for help the next day with Zafar.

She had repeatedly given her safe

harbour over the years: when Ms. Khan's mother abandoned her at the age of 17, and then died of liver failure; when Zafar's father disappeared. But since Ms. Khan started at Café Coffee Day, her job had often spilled over into the lives of Ms. Hassan so that she had trouble juggling her own job, as a dental assistant and making plans with her two toddlers.

Weekends, when Zafar's day care center is closed, were particularly charged; on top of that, the couple disapproved of Ms. Khan's boyfriend, Rahul Desai. The tension culminated one-night last winter, with all three adults screaming at one another on the front lawn. After that encounter, Ms. Khan moved in with Mr. Desai, 31. But months later, she still depended on her aunt for help, and Zafar tended to cling to her, crying and asking to stay at her house.

"You're not working tomorrow, are you?" Ms. Hassan finally asked. She had already watched Zafar all of Saturday morning, she had made market plans for Sunday, and when she heard the answer she grew exasperated. "We can't even do our own thing," she told Ms. Khan, who felt guilty and then surprised: Her aunt folded, saying she would take Zafar again.

With the crisis averted, Ms. Khan reported to work before dawn the next morning, napping on the sidewalk for a few minutes before it was time for her to open the store.

Two days later, on July 8, she had to tug her son out of bed just as early, rousing Zafar before 5 a.m. for their long commute. But this time her boyfriend, Mr. Desai, helped her get ready for the day. He had been a supportive force, inviting her and Zafar to share the bedroom he had in his sister's apartment, enjoying moments of surrogate fatherhood with the little boy. In turn, Ms. Khan had helped Mr. Desai get a job at her Café Coffee Day store, and together they had become a team, both poor but pooling their resources to get ahead.

Ms. Khan hated waking Zafar so early, but the trip from home to day care to work took a mile-long walk, two trolleys, a bus ride and over three hours.

At the day care center, her scattered schedule created a perpetual blizzard of paperwork, with Ms. Khan documenting her ever-changing hours, lest she lose the precious placement. She knew Zafar was fortunate to attend a preschool with live fish aquariums and Play-Doh clay models. Many other parents with unstable work schedules rely on ragtag coverage, paying neighbours or relatives small sums to watch their children.

Child care and policy experts worry that the entire apparatus for helping poor families is being strained by unpredictable work schedules, preventing parents from committing to regular drop-off times or answering standard questions on subsidy forms and applications for aid: "How many hours do you work?" and "What do you earn?"

"Some families drop their kids at 7:30 and then come back at 10:30 saying there was no more work for the day," said Deepti Sharma, principal of the Seedlings Playschool, the government-funded day care school Zafar attends.

Once Zafar was settled at the playschool, Ms. Khan raced onto another bus, panicked when it skipped her stop, got off and ran back to Café Coffee Day, and walked in 10 minutes late.

Her co-workers asked her how she was, pointedly but not unkindly. Through the grapevine, they had heard the news that Ms. Khan was struggling to accept: Mr. Desai was breaking up with her, and she and Zafar would lose another home.

Mr. Desai had told her the evening before, explaining that he had been feeling too weighed down and that he could not do what he wanted — go back to school and get a better job — amid the whirl of Ms. Khan's last-minute logistics. "I bit off more than I could chew," he said later.

Her failure to find time to practice driving and get her license had sealed his decision: The deadline on the refrigerator had been his final one, and she had missed it. With no child of his own, he did not feel as stymied by the shifting hours as she did, and he blamed Ms. Khan for failing to move ahead fast enough. "If you want something badly enough, you'll get it done," he told her.

She had spent the night on the couch, sobbing, panicking, envisioning how every bit of her hard-won progress could disappear. She and Zafar would have no place to live. He could be kicked out of day care for having no home address. With no day care playschool, she would not be able to work.

"Things were finally starting to come into order," she said, thinking back to how the month had started. She had believed in Mr. Desai, in her own momentum, in her ability to put together the basic pieces of a life.

"I just want to be able to live happily and comfortably," she explained in a text message afterward.

Tuesday evening, the three shared a final dinner, Ms. Khan visibly trembling with anxiety and anger.

Zafar had no idea he was about to lose his second home in six months, or the man who had been treating him like a son. “What’s the drink I like to get?” Mr. Desai asked Zafar on the way back from dinner. “Half-cutting Chai (A small glass of tea in half)!” said the small voice.

Not Alone

Ms. Khan’s erratic hours had not caused the crisis, but their effects had radiated outward, eroding nearly all of her plans and relationships.

Jaydev Sethi, a senior vice president of retail at Café Coffee Day, said that an experience like Ms. Khan’s was an anomaly, and that the company provided at least a week’s notice of work hours, as well as stable schedules for employees who want them. However, in interviews with current and recent workers at 17 Café Coffee Day outlets around the country, only two said they received a week’s notice of their hours; some got as little as one day.

“If for some reason we haven’t lived up to what we aspire to, it’s really disappointing,” Mr. Sethi said. “We want to know about it, we want to fix it.” Another spokesman said the company would reiterate its scheduling policies to managers across the country.

Like many employers, Café Coffee Day also says that its variable hours can be a plus, adding that the coffee chain provides benefits — like health care, 401(k) matching, stock and tuition for online degrees — that many retailers do not. (Ms. Khan said she was three classes shy of being able to transfer and take advantage of the tuition offer.)

But flexibility — an alluring word for white-collar workers, who may desire, say, working from home one day a week — can have a darker meaning for many low-income workers as a euphemism for unstable hours or pay checks. Legislators and activists are now promoting proposals and laws to mitigate the scheduling problems. But those who manufacture and study scheduling software, including Mr. DeWitt of Kronos, advocate a more direct solution: for employers and managers to use the software to build in schedules with more accommodating core hours.

“The same technology could be used to create more stability and predictability,” said G.M Bhargav, a professor at I.I.M.J who studies retail operations.

Ms. Khan turned out to be a case in point.

By August, she and Zafar were staying on an air mattress at the home of a former co-worker, with occasional nights at her aunt’s house, and no idea where they would go next. Zafar was crying more than usual, exhausted and unsure of where Mr. Desai had gone. Over the past month she had downgraded her ambitions; the best she now hoped for was to be promoted to shift supervisor. The only happy news was that she had somehow passed her driving test.

Then her wallet was stolen, leaving her without even a bus pass. Ms. Khan was so desperate that she finally threw herself on her manager’s mercy, taking her into the back room to explain the misery of her situation and plead for more and better hours. “I need the full 40,” she said, slumped on the floor because she was too tired to stand.

Later, asked by a reporter about Ms. Khan’s situation, a Café Coffee Day spokesman said the company would work to stabilize her schedule.

Even before then, Ms. Khan’s manager was taking a closer look at her hours. A few days after their discussion, a new schedule appeared. Ms. Khan would still have to arrive before dawn on the weekend. But she would now work nearly 40 hours a week, which happened rarely before. And for three precious weekdays, her job at Café Coffee Day, her job as a mother and the day care schedule would be in alignment: She would start around 8 in the morning and finish around 4.

-Syed Mustafa Haider
II Year

Fatema

Beep

Beep boop beep boop...roll and repeat until happy.

Light yourself up! Empty all those internal backend processes and flush them out! Bring at LEAST some exasperated amusement, if not a smile on your face?

I asked my friends about what i could write on. So I started with an undefined word- a combination of random consonants and predefined vowels.
Beep. Boop. Beep. Repeat. A sound we've practically been accustomed to throughout the labs we've attended these four years. From startup to shutdown. Ejecting a USB drive. A download completed. Boop! You just signed into Gmail from a new Linux computer.

"Hello! I'm Siana. How can I help you?", comes a stranger with a smile, disguised as an optimised mix of Siri and Cortana.
"Help me with this problem, Siana.", you say. "Here is my past, present and current data. Now help me figure out the next best thing for me, please".

Siana computes. She is a stranger, but she still smiles. "Your future results have varied since your last course of action. Except, of course, the constants."
"Constants?"

"Yes.
While you were busy preparing for the interview, Disha called to check if you were still alive.
Fatema has collected souvenirs to share of another trip.
Sakshi is calling since morning because she's been summoned in the Dublin airport without visa.
Karishma's son's PhD is finally complete and wants you at her headquarters.
And Rini is still waiting for your treat at the army base."

"Oh."

"Deepali sent over 10 more dresses, now from Milan, Paris and Rome.
Anil and Kalpana still expect you in Indore, if you'd like to visit their school again.
And baby Anuj, well... he's still in that Google based company he said he'd leave last year!
...
Anything else?"

Beep. Boop. Beep.
The devilish smiles, uncontrollable laughters.
The classes, the weekends.
Bunked lectures, delayed assignments.
Stolen pens, scribbled drawings.
And, oh god, the lame jokes cracked every so often...
The comfort with which we troubled each other with our troubles.
The tears through which came out the most honest and bare souls flying.
They all come rushing back!
...
Wait a minute.
"Siana, who am I?"

"You're the idealistic life everyone wanted! Shaped by the adventures and experiences of college. People have named you 'Dream'.
Sure, you're not the most perfect algorithm for a perfect life, but if I were you, even as an AI, I'd take it up for grabs!" :)

-Padmesh Sahari
IV Year

Stephen Hawking - The Black Hole Hero

Stephen Hawking, the English cosmologists and black hole maven , liked to say he was born 300 years after the day Galilieo died and he was born 139 years after Albert Einstein was born. He was hero,not just for what he thought about the universe but for what he thought us: how to live. Whether or not he overturned the universe,he did overturned imagination.To public, however,he was in Homer Simpsons words "The wheelchair guy", who despite being and slowly paralyzed by Gehring disease ,amyotrophic lateral sclerosis,to the point where he could only move only an eyeball ,roamed the world and figuratively the universe , married twice ,fathered three children, wrote best sellers and nurtured generation of graduate students.
He was kind of person who showed up at his own 60th birthday party with a broken leg after flipping his chair trying to take a street corner too fast.To scientists, however ,he will be forever known for finding a relation between gravity that blends cosmos and determines its destiny and the atomic rendomness that lives inside it, swept helplessely along in the river of time.
He simply quotes: "I am not afraid of death, but I am in no hurry to die .I have so much I want to do first".

-Kirti Mandloi
I Year

PUZZLE TIME

PUZZLE 1

Two MIT math grads bump into each other at Fairway on the upper west side. They haven't seen each other in over 20 years.
The first grad says to the second: "how have you been?"
Second: "great! i got married and i have three daughters now"
First: "really? how old are they?"
Second: "well, the product of their ages is 72, and the sum of their ages is the same as the number on that building over there.."
First: "right, ok.. oh wait.. hmm, i still don't know"
Second: "oh sorry, the oldest one just started to play the piano"
First: "wonderful! my oldest is the same age!"

How old are the daughters?

PUZZLE 2

There are two tribes in Mars, Lie tribe and Truth Tribe.Lie tribe always speaks lie, True tribe always speaks truth.You meet three mars people and ask from the first Person:

Q: What tribe do you belong to?

He replies something in his language which you don't understand.Second person tells you that he is saying that he belongs to Lie Tribe.Third person says that second person is lying.

What tribe does the third person belong to?

PUZZLE 3

You have three jars that are all mislabeled. One contains peanut butter jelly beans, another grape jelly jelly beans and the third has a mix of both (not necessarily half-half mix).How many minimum jelly beans would you have to pull out to find out how to fix the labels on the jars?Labels on jars are as follows

Jar 1 : Peanut butter
Jar 2 : Grape
Jar 3 : P.b. / Grape

PUZZLE 4

In your cellar there are three light switches in the OFF position. Each switch controls one of three light bulbs on floor above. You may move any of the switches but you may only go upstairs to inspect the bulbs. When upstairs, you cannot access the switches. What is the minimum number of times you need to go upstairs to determine the switch for each bulb?

SOLUTIONS

1 The fact that the first person still does not know even after knowing the sum means that there are multiple possibilities for that sum as S and product as 72. This should limit the sum to 14.

2 Lets assume that first person is from Truth tribe, then he will claim that he is from the truth tribe, in which case the second person is lying.Now assume that first person is from Lie tribe. Even then, he will say that he belongs to the truth tribe (as he is a liar), so second person is lying again in this case as well.Thus third person is correct in both the scenarios, hence he belongs to Truth Tribe. (asked in amazon)

3 Only one jelly bean from the p.b./grape jar will do the trick.The trick here is to realize that every jar is mislabeled. Therefore you know that the peanut butter jelly bean jar is not the peanut butter jelly bean jar and the same goes for the rest.You also need to realize that it is the jar labeled p.b./grape, labelled as the mix jar, that is your best hope. If you choose a jelly bean out of there, then you will know whether that jar is peanut butter or grape jelly jelly beans. It can't be the mix jar because i already said that every jar is mislabeled.
Once you know that jar 3 is either peanut butter, or grape jelly, then you know the other jars also. If it is peanut butter, then jar 2 must be mixed because it can't be grape (as its labeled) and it can't be peanut butter (that's jar 3). Hence jar 1 is grape.If jar 3 is grape, then you know jar 1 must be the mix because it can't be p.b. (as its labeled) and it can't be grape (that's jar 3). Hence jar 2 is peanut butter.(Microsoft)

4 Turn light switch 1 to the ON position for a few minutes, then turn it off. Then turn on switch 2, and go upstairs. The light bulb that is off and hot is attached to switch 1. The one that is on is attached to switch 2, and the one that is off and cold is attached to switch 3.

-Shivam Somani
III Year

Art Gallery

A picture is a poem without words

-Horace

- Mrunali Patil
I Year

-Akshat Gupta
II Year

-Akshat Gupta
II Year

- Pooja Choudhary
III Year

- Pooja Choudhary
III Year

- Mrunali Patil
I Year

- Mrunali Patil
I Year

-Palak Agrawal
II Year

-Palak Agrawal
II Year

- Mrunali Patil
I Year

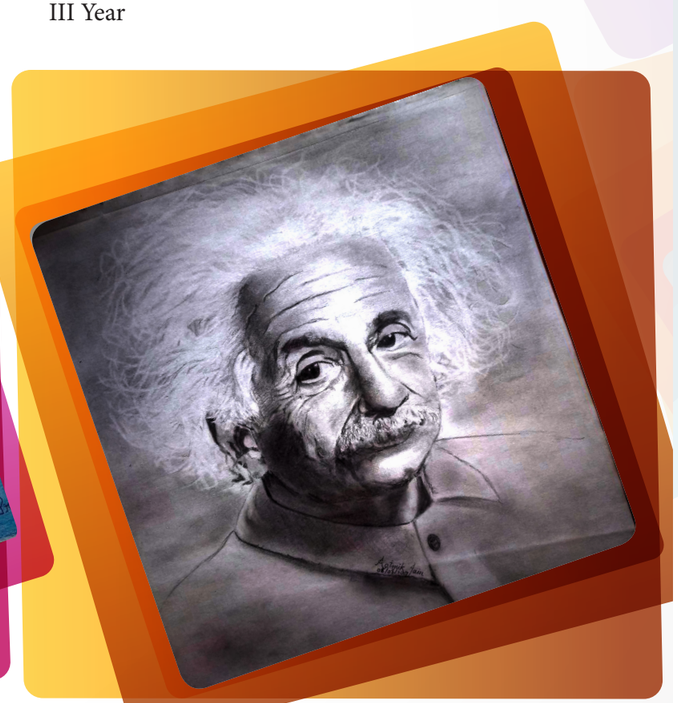
- Aditi Paliwal
III Year

- Sukhda Jamidar
III Year

- Akshat Gupta
II Year

- Pooja Choudhary
III Year

-Prateek Narsinghani
I Year



-Aatmik Jain
I Year

- Pooja Choudhary
III Year

-Palak Agrawal
II Year

-Palak Agrawal
II Year

There is always room at the top.

-Daniel Webster

Achiever's Section

GATE-2018

NAME	ALL INDIA RANK
Tasneem Lightwala	9
Somil Jain	105
Karishma Demla	223
Gunjan Balde	260
Srajan Soni	414
Lalit Chouhan	1401
Chandra Prakash Singh Sengar	1572
Parth Natu	1644
Ameya Jain	1976
Jitendra Singh Soujanya	2712
Renuka Ahirwar	5444
Shubham Menkudle	5976
Chetna Vishwakarma	6167
Abhinav Jain	6369
Anand Sajankar	6369
Lavish Mishra	6369
Uditi Sodhani	6564
Tanvi Jain	6777
Anuj Bhai Mehta	10056
Ashutosh Garg	10374
Rini Singh	13185
Rohit Kumar Bhandari	16475

Insights from the Ingenious

Gunjan sharing his thoughts on preparing for GATE says that if a person has a keen interest in upcoming technology or is willing to get thier hands on current technology, they must go for a job. But if one wants to achieve strong technical knowledge and enhance their knowledge base, then they should opt for higher studies. He also said that the faculties helped them a lot throughout the journey by suggesting good study materials and improvising their practical knowledge about the concerned subjects.
Gunjan aims at joining IIT Kanpur or Kharagpur for further studies

Gunjan Balde
GATE: AIR-260

Harshit talking about taking higher studies over jobs says that "I prefer going to higher studies because I feel that this is the time when we can study. It is difficult to come back to study after one starts earning money. Plus, there is this energy that resides in the people who are in young 20s, so that can be utilized to improve your knowledge in any desired field". He quotes that "Correct investments always have a great result" when asked about how he managed time for the preparation of the competitive exams.

Harshit Koolwal
GRE: 326/340 CAT: 97.6%

Srajan states that one should prefer higher studies over jobs because it helps you gain greater knowledge and better placements. In order to achieve this, he dedicated a part of his day specifically for preparations and followed a daily routine religiously. He says that faculties also helped by building the base of important subjects.

Srajan is looking forward to courses in IIT Bombay and Delhi.

Srajan Soni
GATE: AIR-414

Tanya recommends that one should first work for at least 6 months in their relevant field to gain knowledge of current trends which would help in them in figuring a well thought out decision. Talking about the preparations Tanya says that a one-month study in the semester break helped her in scoring good. She adds that the faculties assisted in filling the Letter of Recommendations.

Tanya intents on joining The University of Sydney for higher studies.

Tanya Shroff
GRE: 326/340

Rishabh says that If one aspires for more technical knowledge, then higher education is compulsory. He says that he took GRE because it offered him a lot of opportunities. Telling more about his preparations for GRE he says that he took it in his semester break which not only provided him with ample amount of time but also helped in tackling college academics.

Rishabh is willing to pursue his studies at The Carnegie Mellon University.

Rishabh Panwar
GRE: 329/340

Vini believes that going for a job or higher studies is a personal choice and depends on what the person wants. Her key to success was regularity and time management, with which she studied daily for at least 30 minutes. She adds that the faculties were always understanding and took the simultaneous burden into consideration.

Vini plans on joining The Faculty of Management Studies, Delhi.

Vini Swajiani
CAT: 98.9%

SPORTS

Uday Mewada - Kho Kho

State Level Chess Team

Kho Kho Team

Rubin Shah - Best Player Badminton

Sports representatives

1. Parth Natu
2. Sonam Verma

RGPV Inter Nodal State Level

1. Winners - Kajal Shrivastava & Team, Chess Tournament

Indore Nodal Level

1. Winners - Lokesh Dohare, Uday Mewada & Team, Kho Kho Tournament
2. Winners - Aatmik Jain, Chess Tournament
3. Runners Up - Kajal Shrivastava, Chess Tournament

College Inter Branch Tournament

1. Winners - Badminton (Men)
2. Runners Up - Basketball (Women)

RGPV State Level Representatives

1. Parth Natu- Batminton(M&W)
2. Ritik Gupta -Volleyball(M & W)
3. Priyanshu Joshi -Volleyball(M & W)
4. Aditi Paliwal - Drop Roball(W)
5. Owais Khan- Softball(M & W)
6. Mayank Pandey- Softball(M & W)
7. Owais Khan- Drop Roball(M)

AAYAM 2K18

Anshul Bhatia(I Year) - Winner
Sense Your Senses

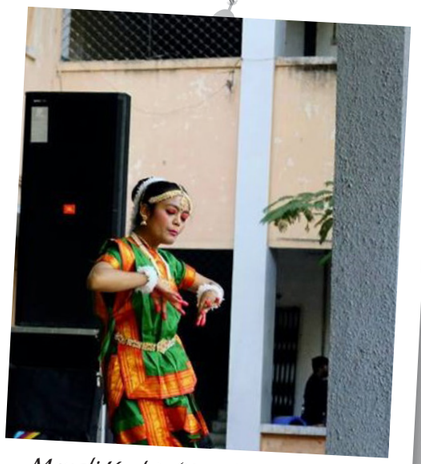
Jahnvi Sisodiya(I Year) - Runners Up
Mr. And Miss Aayam

Mrunali Patil(I Year) - Second Runners Up
Mr. And Miss Aayam

Shikhar mahajan(I Year)-
Second Runners Up
Mr. And Miss Aayam

"Fun's Villa Hit & Roll"
III Year

Mustafa Haider (II Year) - Hosting Mr.
and Miss Aayam



Monali Koshta(I Year) performing in
Roobaroo - Club Kshitij

Students of Computer Science excelling at E-Cell's
Scam

FAREWELL 2K18

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