



# vaatchai

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THE OFFICIAL VIT NEWSLETTER

**August - September Edition**



## Independence Day

As we move into 71st year of independence, India has progressed leaps and bounds in the field of Science and Technology. At VIT, we consider Independence Day as an opportunity to remember the difficulties our nation had to overcome, to emerge as the nation it is today and the same time, we focus on working towards a better future.

This year we dedicated this day to all the Leaders, Engineers and Scientists who have worked hard to achieve the notion of 'Digital India'. The venue for the event was the 'Volleyball Court' and the timings were 7 am onwards.

Our Honorable Dean, Prof. N.B Patki, spoke on the



occasion about how India had progressed in the field of technology over the past 70 years and how we as engineers can contribute towards this progress in the future. As the tricolor flag was unfurled all sang the national anthem in unison as an



expression of joy towards the freedom of our country. The sweet distribution which followed the flag hoisting marked the conclusion of the event.

Vishwakarma Institute of Technology organized a glorious welcome for the First Year students on **20th August 2017** in the Sharad Arena; the timing of the event was 4pm-7pm. The event was a formal introduction of our FY Students to the various activities in college and it was also a platform for them to interact with one another and also to showcase their skills. The evening was studded with mesmerizing performances from our First and Second Year students. The amazing

performances by college's musical band HMU and a power packed dance performance by the official dance group of VIT were amongst the highlights of the night.

The freshers were introduced to the various clubs of our college and the various opportunities they can explore over the span of their engineering life. Another aspect of the evening which was highly anticipated was the declaration of the title of Mr.

and Ms. Fresher's. Numerous first year students went through four rigorous rounds until two of them emerged victorious. Pratham Regundwar won the title of Mr. Fresher and Dhara Advani wore the coveted crown of Miss Fresher.

The effort put-in by the second year students, as well as the Student Council Members, along with the enthusiasm of the fresher's made the event an absolute success.

## F. Y. Welcome



*Ms Fresher  
Dhara  
Advani*



*Mr Fresher  
Pratham  
Regundwar*



## Student Council Interviews

The Core Council interviews of the VIT Pune Student Council were conducted on 31st July 2017. Applicants who were highly experienced with college functioning were applying for the core council posts, and it was a position such that anyone that got appointed would be the best fit for the role. Post this, the Core Council members that were selected conducted the interviews for the remaining Council secretaries on the 5th August 2017. The applicants were tested on the basis on past experience, situation-response, and problem-solving abilities. In this way, the induction of the Council was done in college and finally, a team of 75 would take up the mantle of conducting all the major activities in college.



### Mahavitaran



●● "Digital India, Smart India is my dream India". Dreams don't work unless we do. "Mahavitaran-one step towards Digital India". Launched by MAHADISCOM make India a Digital, smart India. Vishwakarma Institute of Technology, Pune also took the initiative with them and participated in the most important and needful activity, "Mavitaran-online bill payments". The activities like 'awareness by streetplay, demonstration was organized at various societies in Pune. On 31 August '17, it was carried out at Rastha peth.

The VIT Pune's Socials Team took up this opportunity to work for the nation and help for

one-step towards Digital India mission, Prof.S Kale & secretaries Samruddhi Mane & Shivam Walaskar guided the VIT Socials team.

**Eklavya**, the official PathNaty team of VIT Socials in collaboration with Maharashtra State Electricity Distribution Co. Ltd., Pune performed a street play on creating awareness about e-payment of Electricity Bills. The audience included Prof. Rajesh Dhake, Dean: Student Activities, VIT-Pune, Shri M.G. Shinde, Chief Engineer of Pune Zone and many other designated people along with the general public. The street play was performed on Thursday, 31/08/2017 at MSEB Power House, Rasta Peth, Pune.

### Swatcha Bharat Abhiyan

●● "Clean city, green city is my dream city". Dreams don't work unless we do. "**Swatcha va Swasth Bharat Abhiyan**", launched by Shri. Narendra Modi, Hon' Prime Minister of India, is a *Swacha Bharat* Mission led by the Government of India to transform India into a 'Clean India'. The drive was organized in Pune by **National Service Scheme (N.S.S.)** in co-ordination with **Savitribai Phule Pune University (S.P.P.U.)**. Many institutes from the city participated in the drive. **Vishwakarma Institute of Technology, Pune** also took part in the initiative and contributed towards making the drive a success. The drive was organized at various historical places in and across Pune. On Friday, 11<sup>th</sup> August, 2017, it was carried out at **Shaniwaar Wada** very zealously under the guidance of Mr. Nitin Karmalkar, the *Kulguru* of the

### Police Mitra

●● '**Help one inspire many**'. Police Mitra is an initiative by the Maharashtra Police to make the police administration more friendly. '**Police Mitra are the friends in need**'. **Vishwakarma Institute of Technology** took an initiative to do something for the society by helping Police in their work for 10 days of Ganapati festival.



VIT\_Socials took the initiative to help police with it's 65 volunteers. The activity was started on 25<sup>th</sup> August, the first day of Ganapati festival and conducted till the day after last day of Ganapati festival, 6<sup>th</sup> september, police Mitra from VIT, Pune worked under two police stations namely Bibwewadi Police station and Swargate Police station. There are 24 volunteers under swargate police station and 39 under Bibwewadi police station. Police Mitra help police basically for crowd management. From this activity youngsters got a chance to know how police work for the nation.

The police Mitra activity was conducted under the guidance of socials secretaries Shivam Walskar and Samruddhi Mane. VIT socials got a positive response from the volunteers and crowd also help them at there level by following rules.

S.P.P.U, and Dr. Prabhakar Desai, Director, NSS.

The **Team VIT Socials** took up this opportunity to work for the nation and to save and restore the beauty of historical places by cleaning the Shaniwaar Wada & the area surrounding it. Prof. S.A. Kale & Socials Secretary Samruddhi Mane & Shivam Walaskar guided the 35 volunteers of the VIT contingent. The Volunteers cleaned the Shaniwaar Wada with the objective of restoring its beauty and majesty. Various Programme Officers from

various other colleges also took part with their NSS Candidates.

The Professors and Volunteers, while taking this step towards "Swachha Bharat Abhiyan" had a common wish of hope of enlightenment of the people around, so that there is awareness regarding the cleanliness of our beautiful historical places in India, and thus the preserving of our heritage. The program ended with a thank-giving function for Kulguru, all the Professors and the Volunteers with the traditional NSS clap.



●● "Spread Happiness" event was conducted by VITSOCIALS for three days before Diwali vacations i.e. 12, 13 and 14 October 2017. The main motive of this event was to donate certain things among the orphan children and old-aged people to see the intense happiness in them this Diwali.

The donation was collected in the form of gifts and money from the students and teaching and non-teaching staff of VIT. We got great

support from the students and the teaching and non-teaching staff of our college. The gifts were in the form of stationary items, daily need items, sweets, etc. In total 167 gifts were collected and Rs.2,392 were collected in the form of money. The gifts were distributed in Janseva Foundation in association with the NGO "World Peace Promoting Helpless People Organisation".



### Spread Happiness



### TRF: Inaugural



●● A robot that dances, talks and follows you! - What an exhilarating idea, isn't it? While building something like this might seem a tough task to many, The Robotics Forum of our college has made it possible. B.H.A.U- Brilliant, Helpful, Autonomous, Unique - a robot with vision, sound recognition, arm movement walked in on the 30<sup>th</sup> of August, for the Inauguration Ceremony of TRF.

Mr. Amit Bhingurde, COO, TAL Manufacturing Solutions Ltd., graced the event with his presence as the chief guest. The event flagged off with the arrival of the dignitaries, Mr. Bhingurde, Dr. Rajesh Jalnekar, Director, Vishwakarma Institute of Technology, Deans, Prof. Rajesh Dhake and Prof. N. B. Patki, HODs, Dr. C. M. Mahajan, Dr. Vijay Gaikwad, and faculty mentors of TRF, Prof. Harshawardhan Khare, Prof. Milind Patwardhan and Prof. Dr. Girish Kotwal.

The audience was thrilled to see B.H.A.U performing a dance sequence shortly after that he presented a bouquet to our chief guest. "I'm hungry. I need to go and eat some electrons to

recharge myself", said B.H.A.U and followed the anchor to the exit.

Mr. Amit Bhingurde spoke to the students. Contradicting the popular belief that Robotics will hamper employment, he said, "Developments in the Robotics will not generate unemployment, rather will help achieve skilled and precise workforce" and encouraged the students present there to take up robotics. Prof. Dr. Girish Kotwal spoke about the workshops conducted by the forum and the kind of insight they provide to its attendees. Dr. Jalnekar appreciated TRF saying the efforts that are taken here will surely help VIT excel.

The event ended with Prof. Harshawardhan Khare giving a vote of thanks to all the dignitaries.

The event was a huge success and thus marked the beginning of yet another year filled with activities The Robotics Forum conducts. In addition, just as B.H.A.U said, anyone who is enthusiastic about robotics is welcome to join.

●● How much you know about a pump unless you meet an expert? The Chemical Engineering Student Association on 21<sup>st</sup> September 2017 had organized a workshop for VIT students to understand the concept of pumps and know them well. The motivation behind the workshop was to add on to the curricular skills of the students. The association

invited Mr Pankaj Khandelwal (IITian, 30 years of Industrial experience) to guide the students through the journey. Why pumps? How do they work? How to select the right one? How to use them? What to do on its breakage? These are the basic questions an engineer has on cite while handling with

the crucial element of process industries. Here, knowledge of pumps, logical thinking and presence of mind saves a big disaster. The workshop was inaugurated by then HoD of Chemical Engineering Prof Dr. Bhatkhande and ChESA head Prof Dr. Satpute. The workshop started with the brief introduction of Mr Pankaj

Khandelwal by Prof Dr Satpute followed by honoring him with a memento by Prof Dr. Bhatkhande. The workshop was concluded by General secretary of ChESA Mr Shubham Dahiphale. The audience responded satisfactorily. The event marked the beginning of all the core events ChESA organizes every year.



### Veloce

●● Veloce Racing is the official Formula Student team of Vishwakarma Institute of Technology, Pune. Veloce racing is a team of 45 students studying at VIT from all 4 years of study spread over various disciplines of engineering. The team comprises of 17 members with experience of more than two Formula Student events and 28 new team recruits. We attempt to build a stable team dynamics by combining the experience of senior members and passion of new members. We are fully aware of the challenges faced while preparing for a project or competition like design challenge, innovation, funds, deadlines, manufacturing and more. We are ready to overcome these challenges and generate a professional

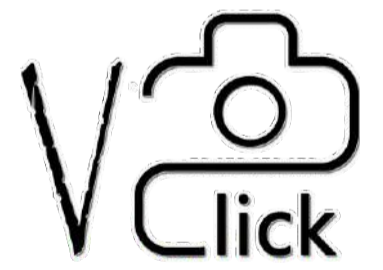


design and manufacturing oriented attitude. Our alumni are doing very well in their respective careers and students who completed Formula Student activities are one of the top preferred candidates during campus placement drives. Our students have received offers for Kirloskar Industries, John Deere, Tata Motors, Eaton, Alfa Laval, etc. to name a few. Our team members are not only well

versed with their theoretical knowledge but also have diverse experience of CAD-CAM design, analysis, manufacturing, project planning, managing finances, marketing product. Thus Formula Student event is not just and vehicle design and racing event but leads to all over development of individuals and team.

### V-Click

●● The Photography Exhibition held by V-Click, the Photography club of VIT-PUNE, at Seminar hall in the campus itself was a great success. The Dean, Prof.Dhake and their associates performed the opening ceremony of the Exhibition. The Exhibition was not only admired by students but also by the teachers and staff of the college who were amazed. The exhibition had approximately 200 photographs by almost 22 students on display. It contained photographs from the core team as well as the members of the club. The exhibition covered various types of



Photography such as fine arts, food, portraits, functions, low light, astro, etc. Dean Dr.Jalnekar described the exhibition, "a fine collection of photos." Overall the exhibition brought a great effect on the minds of the visitors and made them feel interested in Photography!



### VIT Poet's Society

●● A platform where poets recite, a home where poetry lovers reside!

VIT Poets Society, the poetry club was founded for all the poetry and literature lovers. The club appreciates all types of writings with no language barriers. The founders of this club are **Ram Dhobley and Ishan Natu**. The core team consists of about 20 members. "Mehfil" an event which provides a platform for all writers, poets, musicians to showcase their talent through their articles, shayaris, excerpts, poems



,songs etc.

We had 3 seasons of events.

Mehfil 1.0, held in seminar hall, marked a grand start of VIT poets society on 14<sup>th</sup> Feb., 2017. Hindi, Marathi and English articles and poems were recited. There were gazals which added beauty to the event.

Mehfil 2.0, an improvised season, held in auditorium

on 11<sup>th</sup> April, painted the stage with different shades of artforms. Along with poetry, we had short films, a poem beautifully composed as a song.

Mehfil 3.0, held on 8<sup>th</sup> September in seminar hall, streamed performances live on insta page. There were breath-taking performances by singers along with a band,

beautiful shayaris, poems, slams etc. For all those performers who've hit a hat trick, we've rewarded them with bookmarks as token of appreciation.

Photos of events are available on our fb and insta page "VIT poets society". Poems are also available on blogs and on our youtube channel.

Another event named "Irshad" took place on 6<sup>th</sup> November, on VIT lawns. Not every event has to occur within 4 walls with mics and bunch of audience. Sometimes nature gives a better ambience for poets to share their poems. This idea gave birth to "Irshad" which turned out to be a

memorable and auspicious event wherein all poets recited their poems sitting in a circular formation.

VIT Poets Society aims to provide maximum exposure for all writers. It provides a great opportunity to cultivate your writing hobby. We never held any competitions because we strictly believe that each poem and article has its own beauty which by no means can be compared.

**We don't create opponents, we create a family of writers.** VIT Poets Society don't just aim to make its event grand, but looks forward to make it a poetic brand.

VIT Poets' Society

(-Swarali Patil)

### Antariksh

●● A public talk on the discovery of one of the largest superclusters of galaxies, the Saraswati Supercluster, was organized by Antariksh Club in the Vishwakarma Institute of Technology, Bibwewadi, Pune on 9<sup>th</sup> September, 2017.

The whole research team of Saraswati Supercluster discovery were invited for the event. Prof. Dr. Joydeep Bagchi was the chief guest of the event. Event was conducted as per the schedule. Some core committee members went to pick up the guests from IUCAA and escorted them to the venue at 5:30pm in the evening. Then the staff in-charge of the club, Prof. Dr. Manisha Mhetre took the guests to the board room to welcome and introduce them to the director of the college Prof. Dr. Rajesh Jalnekar, dean of student activities, Prof. Rajesh Dhake and the head of the Department of Science and Humanity, Prof. Dr. Chandrashekar Mahajan. Meanwhile other core committee members were preparing the auditorium for the event.

All the guests along with Jalnekar Sir, Dhake Sir, Mahajan Sir and Mhetre Ma'am arrived in the auditorium in a loud applause of audience at 6:15pm. The hosts of the event, Akash Naikwade and Rushikesh Kulkarni started the event with a brief introduction of the discovery of Saraswati Supercluster and then they introduced the Antariksh Club. Then Prof. Mhetre introduced all the guests and along with that,

Jalnekar Sir felicitated all the guests. Then Jalnekar Sir took over the mic, welcomed the guests and audience and he gave the introduction of the college and all the programmes that are being organized in the college. Later the hosts requested the chief guest Prof. Dr. Joydeep Bagchi to elaborate about the discovery of Saraswati Supercluster.

Prof. Joydeep Sir started with how big and vast the universe can be. He elaborated this fact with one mesmerizing video clip showing how vast and dense the universe can be. Then he focused on all the big discoveries done yet in the universe. Next he came to the discovery of Saraswati Supercluster. While talking about it, he explained how long it took to get a clear view of Saraswati which is located 4000 million light years away in the constellation of Pisces having 650 million light years width and which is roughly 10 million years old, all the challenges his team faced during the long period of the discovery. Further he added up about few more superclusters discovered till the date and gave a comparative study of Saraswati Supercluster with them. Lastly, Joydeep Sir exclaimed that our Milky Way Galaxy can also be a part of any such supercluster not yet discovered.

When Joydeep

Sir's talk was going on, small paper chits were circulated in the audience to have their questions written on them. Then volunteers collected them and the questions were filtered out. Only talk related questions were selected and handed over to the hosts.

After that, Mr. Shishir Sankhyayan shared some technical aspects about the discovery, what procedure they followed during the whole work, what kind of technical difficulties they faced etc. This way, he summarized the talk given by Joydeep Sir in a short and sweet way.

All the guests again came on the dias to have an interaction with the audience. Hosts read the questions written on the chits along with the questioner's name. Many good questions were asked about the discovery and whole researchers' team answered them in a very nice and easy-to-understand way.

The event was summarized with the vote of thanks by Antariksh Club Secretary, Mr. Hamza Saify. Further some time was reserved for the interaction of core committee members and volunteers with the guests along with some refreshment. While interacting, questions were asked like what career opportunities will this discovery create in future, how could the researchers distinguish between extraterrestrial signals and the signals coming from other sources on the earth, the scope of engineering in the field of astronomy or how to publish a discovery paper etc. with this interaction, the event ended.

### Mirage

●● The first screening for Mirage campus film society was scheduled on 19<sup>th</sup> August. The movie selected was Julian Schnabel's the diving bell and the butterfly (2007) Language: French. It falls into the drama/biography genre. Based on Jean-Dominique Bauby's memoir of the same name, the film depicts Bauby's life after suffering a massive stroke that left him with a condition known as locked-in syndrome.



MIRAGE

CAMPUS FILM SOCIETY

There were around 120 students in attendance. The session began with an introductory speech about what is mirage and the message we wish to impart. This was followed by the screening of the movie after which an open forum was conducted. The audience was attentive and enthusiastic.

### Speaker's Club

●● The Speaker's Club is an extracurricular club of the college dedicated to improvement of oratory skills and self-expression through the medium of conversational or speech-oriented artistry. Its introductory meet was held on 24<sup>th</sup> August in the Seminar Hall where there was an icebreaker session conducted for the familiarization of the members. The previous Head of the club, Ankit Chopda, attended the session as other committee members explained the purpose and regulations of the club to registrants.





### Abhivridhi



●● Computer Science is driving a revolution in Technology. Internet of Things, Artificial Intelligence, Cloud Computing, and Data Analysis are the Technologies, which have taken businesses by storm. The objective behind arranging this session was to create awareness among students about these emerging technologies.

Prof. Rajesh Dhake, Dean Student Activities welcomed the speaker for this session on Emerging Technologies. Our speaker Mr. Shubhabrata Mohanty

was eager to enlighten students about the importance, implications and applications of these technologies. Mr. Shubhabrata Mohanty is Vice President- Engineering and Centre head at CDK Global, Pune.

He presented a couple of use cases during lecture giving the students a clear idea about the basic concepts behind these high-end technologies. Final year students from Computer, IT and MCA departments were highly benefited. This session was an opportunity for them to get insights on the new emerging technologies

and to think about career opportunities in these domains.

A team of 10 co-ordinators of Abhivridhi executed the logistics for the session. Around 100 students, Majorly from Computer Science, Information Technology and MCA Department attended the session.

CDK Global wishes to conducts many more sessions in the future, enlightening students in different domains of knowledge. Abhivridhi is looking forward for a similar response and enthusiasm among students for the upcoming sessions.



### From the Editor's Desk

●● From its very foundation, Vaatchal has always aimed to be the source of information of even the smallest of the activities that take place in the college and provide a far-reaching platform.

After an overwhelming response to the first volume and the special edition, Team Vaatchal is truly boosted to try out some amazing variations to bring out all the hidden talents of the college and showcase them to the masses.

All you people need to do is, send us anything that you feel needs a bigger recognition at the official Vaatchal email ID i.e. [vatchalvit@gmail.com](mailto:vatchalvit@gmail.com) and we shall be at your service to portray it in the next edition with great pomp and show. Any article regarding to the talent or even mere information is all we require to have you feature.

We hope to have a large turnout in this column and see you come out with flying colours.

#### A world of difference

●● you ever wake up and feel disoriented? Today, this is a collective feeling for humanity in general. Disorientation.

News outlets, newspapers, multimedia news... they all emphasise on how dark these times are. Somewhere world leaders threaten to bombard atoms together to wipe out their own race, whilst somewhere else, people fight over the legitimacy of a state capital, or religion, or reservation, or political inclination; or literally any other difference that one can find.

Sometimes people forget the fine line between divergence and diversity.

We have mistaken diversity for difference and that threatens everything that makes us human.

Talking for the Indian perspective, the Maharashtra band is a burning example (sadly, that's a pun). The British ruled over us using the policy of divide and rule for more than 200 years. They played our diversity as difference. More than 60 years after we freed ourselves, if we still fight over our differences, are we truly free yet?

Yes, we are different. We are divided by religion, borders, colour, caste, creed, genders, sexualities, living standards, etc. But we are also united by the colour of our blood, warmth of our tears, and the essence of humanity.

Let's not lose our essence of humanity because of everything else we are born with. A world of difference can bring about a world of difference. What kind? That's for us to decide.

-Debismita Dutta

#### Contact Us:

If you've got talent and are hunting for a platform to showcase, the hunt's over!!

Send us your work at

[vatchalvit@gmail.com](mailto:vatchalvit@gmail.com)

and you might get featured in the next edition of the official newsletter!!

If you are interested to join the team, fill in the given form:

<https://goo.gl/forms/QLceo9JxWV2nAF803>

### Reader's Wall



#### YOU ALWAYS FLOW NATURALLY OUT OF YOURSELF..

If you don't have enough confidence in the diagnosis, you won't have confidence in the prescription.

We have such a tendency to rush in, to fix everything with the right and sometimes the wrong. But we often fail to take time to diagnose, and to understand what's really wrong.

Don't think about what others think who you

are or what others may want you to change about you. What others think does not matter, because what exists is you. It is clearly noticeable or let me say that it is evident in how you experience yourself and what you experience about who you are inside.

Sometimes life brings you to such circumstances when you do not listen to your inner voice as you are influenced with your outer world, and the result is, your inner peace does not square with your outer peace. At that time, it is tough to communicate with yourself and to recognize what is peaceful. Then, as much as you need to feel yourself and more to understand, you do not feel sure about who you are. However, unless you

listen to yourself, unless you understand your inner voice, you will not know how to face circumstances and how to fight some battles of life and improve yourself.

-Vrushali Nangare



### The Mystery of The Indian Human Computer.

We all love to juggle numbers. Would like to dive in for one:

C a l c u l a t e  
7686369774870\*2465099745779

How long did it take you to attain the answer without using a calculator? May be an hour or so if you are fast enough. Do you guarantee the authenticity of the answer?

Ever wondered the fastest time in which this was accurately done?

28 seconds...

If you think this is some programmed machine that is popping in the answer, you are mistaken. It was computed by the human computer, "The Wonder-Women Shakuntala Devi". India, a land of talent which has contributed in the field of mathematics by giving prodigies who have brought laurels to the nation despite the odds. Shakuntala Devi mesmerized the mathematical community of the world by her unique talent of calculation. Her problem-solving power came to the limelight with her performances at various institutions where she answered complex mathematical questions with great ease. The unbelievable feat of hers earned her a place in the 'Guinness Book of Records' in 1982 for multiplying the two 13 digit numbers at the speed of lightning. In the year 1977, at Southern

Methodist University, Shakuntala Devi was asked to give the 23rd root of a 201-digit number; she answered in 50 seconds. Her answer 546,372,891 was confirmed by calculations done at the US Bureau of Standards by the UNIVAC 1101 computer, for which a special program had to be written to perform such a large calculation. Apart from being an unparalleled mathematician, Devi was also an astrologer, activist and a prolific writer, whose works went on to inspire millions of people. She used her arithmetic skills for astrological calculations and formulating interesting puzzles which are cherished by the masses till date. Some of her best-known works are 'Figuring: the Joy of Numbers', 'Astrology for You', 'Perfect Murder' and 'The World of Homosexuals'.

No, she wasn't much educated -- just a matriculate.

To solve the mystery of this ability, the psychologist, Arthur Jensen noted her score on the APM (advanced progressive matrices). It was 'unexceptional', indicating her score was comparable to average adults and college students. She scored between 90-110, which is average. Jensen, a notable

proponent of human genius, admits that her remarkable ability is not attributable to IQ, but a powerful long term memory system.

The brain is a Turing machine and certainly has immense processing power. Most of that in normal humans is hardwired to things like face recognition. There is some evidence that just walking on two legs needs a big brain and that is why we evolved such a complicated one. From a computational perspective, the algorithm to get the square root of a 1000 digit number or generate 1000000 digits of PI is much lesser than say recognizing a face among 100 with 90% accuracy, which even a six year old can do. Therefore it is obvious that the brain has computational power, locked away into the unconscious part. For some people like her, some of that raw processing power is unleashed and it becomes natural. A few thousand neurons, should be enough to do such math feats. The one common factor among many savants and other geniuses is synesthesia - one sensory input causes another to trigger - such people "smell" words or see a color for each number.

So what is it that exactly goes on in the head when doing complex arithmetic calculations - Some human computers claim that they are able to visualize a "landscape" where every place was a number. All they do is just move along the landscape to find the "place" where the answer lays. The brain is able to map a math problem to a topological space where the solution has some particular spatial significance. Most of our brains cannot do such complicated mapping and modeling. In Devi's case, we don't know what techniques she used for this demonstration. Why? Because she never told people. She had made a living since kindergarten as a performer. Professional performers don't reveal their magic. If they do, it's not magical any more.

Even when Albert Einstein was alive, she was in for a demonstration with him. And it was pretty strange. She would sit with a chalk in her hand before the board: you would ask any kind of question about mathematics or arithmetic. Before giving you the chance to even finish the question, she would have started writing the answer. The figures were so big that it took the whole board for her

to write the answer. Albert Einstein gave her a certificate which says, "I asked this woman a question which I take three hours to solve because I have to follow a whole method; I cannot just jump from the question to the answer. I know that nobody can do it in less time than I can, and that is three hours. Others may take even six hours or more. But the whole procedure has to be followed. If you miss even a single s t e p . . . . ." He was puzzled, absolutely amazed because it was impossible. Finally he probed, "How do you do it?" She said, "I don't know how I do it -- it simply happens. You ask me and figures start appearing before my eyes, somewhere inside. I can see 1, 2, 3, and I just go on writing." Ever believed in the unbounded power and perils of intuition and the voice emanating from a source deep within? That woman was born with her intuition and instincts fully functioning. She strongly believed that the human minds are better than any computers. It was per passionate interest in exploring and increasing the learning capacity of the human mind that led her to build up the concept of mind dynamics. Shakuntala devi challenged and spelled bounded the world with her exceptional capabilities while she lived and is continuing to be the inspiration even today, years after her demise.

-Aditi Pote TY-S



### *Chinmay Wyavhare*



*Nikhil Saoji*



*Nikhil Saoji*

### *Chinmay Wyavhare*



Brought to you by:

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Committee**  
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Debismita Dutta  
Pooja Yadav