



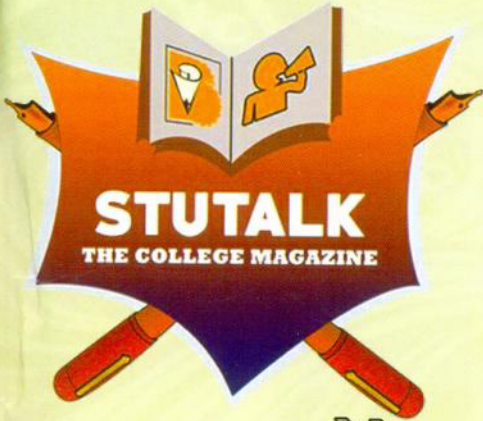
VIGNANA BHARATHI
Institute of Technology

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ON COGNITIVE INFORMATICS & SOFT COMPUTING

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STUTALK
THE COLLEGE MAGAZINE

इतुतार्क
वाचक ऑफ वडितार्कड

**"WE ARE INDIANS,
FIRSTLY AND LASTLY"**
-B.R.AMBEDKAR

REPUBLICDAY
EDITION

★ **TED^xVBIT** ★
COUPON FOR LUCKY DRAW
AVAILABLE INSIDE

17-02-18

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Our Special Thanks to Mr. D.K.M. Sharma, Assoc. Professor
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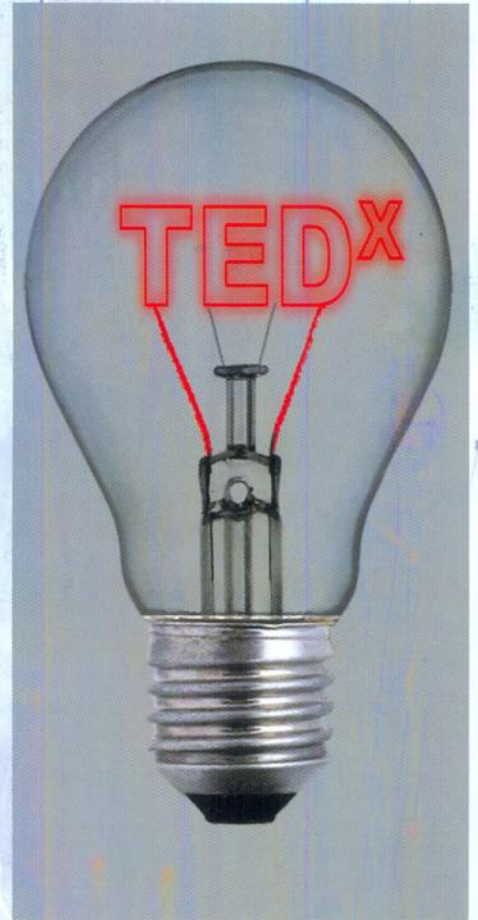
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PARLIAMENT



CISC
2017



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PARLIAMENT

SIGNIFICANCE

- ❖ One can make use of the platform to emerge/establish oneself as a leader.
- ❖ This inculcates and sharpens professionalism throughout the sessions.
- ❖ This will help the candidate identify the opportunity to solve any problem with ease.
- ❖ This will help tune the candidate to be diplomatic.
- ❖ This type of an exposure will reflect a proper parliamentary atmosphere.
- ❖ It stands as an opportunity for the student to have a chance in knowing more about the organizational operations.
- ❖ This will act as the best source for the college to find out the new buzz/issue in the campus with ease.

VBIT

PARLIAMENT

MINISTRIES OF CO

They look after and eradicate the student related co-curricular issues and shall act as a bridge between the students and the forums of the college. Also, they resolve any arising hostel issues.

The head, who is in charge of all the final decisions made and is responsible for any action the College Parliament takes, while all the ministries come under him in the hierarchy.

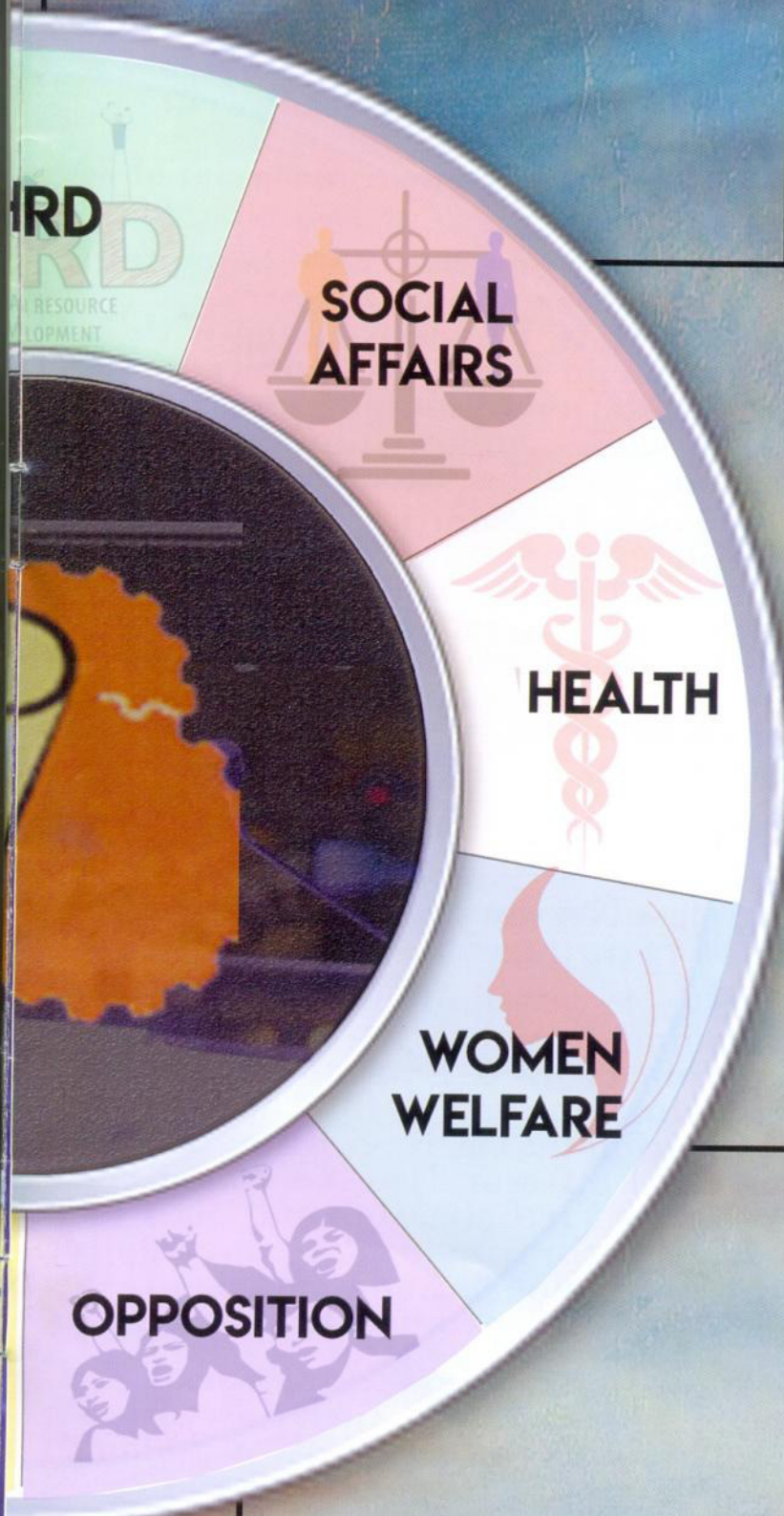
They shall take care of the happenings in the Inter-college championships and ensure that the students get enough training, with the right equipment in hand.

Manages and schedules the events conducted in the college and resolves corresponding issues.

Responsible for promoting greenery in and around the campus and takes charge of bringing about measures to focus on the environment.



LEGE PARLIAMENT



Looks after social events such as organization of blood camps, eye check-ups and activities of that sort.

Looks after the medical support provided in the college and ensures basic first-aid treatment is available to everybody in the campus.

Takes care of bringing in active participation of girls in all the events and enables them to share their problems and will do the needful.

Takes the opportunity to let the ministry know about the shortcomings in their functionality using criticism or any other alternative means for letting them know what needs more focus.

Faculty Development Program on Advanced Wireless Communications

Department of ECE & Electronics and ICT Academy, NIT-Warangal jointly organized a one-week Faculty Development Program on Advanced Wireless Communications and Networks from 11th December to 16th December, 2017 at college campus in which 60 faculty from various Engineering colleges participated. Dr. B. N. Bhandari, Professor & Director, Academic and Planning, JNTUH, was the key note speaker and chief guest for inauguration. The Program went on for 6 days where several prominent speakers talked about various topics related to ECE.

The event started off on day 1 with keynote lecture on MAC Protocol for Wireless Networks by Dr. B. N. Bhandari along with a hands-on session on Installation procedure of NS 2 and simulation of simple program on Wireless Networks. Followed by this, a talk on Random Variables, Stochastic

On Day 3, Dr. Samrat L. Sabat who is a professor in Center for Advanced Studies in Electronics Science & Technology, School of Physics, Hyderabad Central University, talked about Spectrum Sensing. Followed by a lecture on Routing Protocol for WSN by Dr. O. B. V. Ramanaiah who is a Professor in dept. of CSE from JNTUH. Lastly, the day ended with a hands-on Session on Simulation of Wireless Networks Tcl Scripting and AWG Scripting ASG Tool.

Day 4 started off with a lecture on Channel Equalization in Wireless Communications & Evolutionary Soft Computing approaches for Channel Equalization by Dr. Ravi Kumar Jatoth, Assistant Professor, NIT-Warangal. It was followed by Virtualization and SDN by Mr. A. Kranthi Kumar, Project Engineer, Wipro Technologies and a hands-on Session on WSN protocol using NS2.

Dr. N. V. S. Narasimha Sarma, professor at NIT-Warangal started off the fifth day with a session on Software Defined Radio-1 & 2 along with an introduction to Raspberry Pi and Python.

On the sixth and the last day of the program, a session on Interfacing Sensor with Raspberry Pi, Reading Data and building a Sensory Node & Deploying a PAN using Socket Communication and MQTT Protocol took place followed by Valedictory.



Pongal Pomp at VBIT



The celebration of National Youth Day in the premises of VBIT was one of the most spectacular events that VBIT ever witnessed. Swayam and Virinchi, the clubs known for the nourishment of personality development and extracurricular activities respectively came

together, hand in hand for the celebration of this special day, National Youth day. Swayam organised the MR. and MS. PUBLIC SPEAKER OF VBIT 2018.

This was a public speaking challenge amongst the students of VBIT. Ebin prakash, 3rd year



MECH bagged the 'MR. Public speaker of VBIT-18' title, while Anisha Raj, First year won the 'Ms. Public speaker of VBIT-18'. Virinchi conducted the Rangoli, Patriotic singing and Kite fest nurturing the traditionalism in the modern and young VBITians.

With the support and sponsoring of Splash events and Manam Telugu Daily and coverage of Sakshi TV, that special day was celebrated with much pride and happiness.



And after the results were announced a set of surprise celebrities from the Telugu Industry bashed the stage and the dance Pride of VBIT- TEAM FREAKS UNITED gave their extraordinary performance.

Every student left to their homes with happiness in their hearts and a feeling of gratitude to their country first and the college next, Leaving a smile on the Majestic Statue of Swami Vivekananda.



INTERNATIONAL CONFERENCE ON COGNITIVE INFORMATICS & SOFT COMPUTING (CISC -2017)

International Conference on Cognitive Informatics & Soft Computing (CISC -2017) :

The Conference was held for two days (20th & 21st December ,2017) at Vignana Bharathi Institute of Technology , Hyderabad .

Where people from across the globe have participated , About 350 papers were received and 250 were selected for the conference out of those , 143 papers were registered and finally 97 papers were presented in the conference . Dignitaries from prestigious institutions have given their keynote speeches , all in all the Conference was one of the best that VBIT has ever experienced .

The Chief Guest for the first day was Dr S Ramachandram ,who is the Vice-Chancellor of OU ,Telangana.

A Professor since June 2005 and Head , Dept of CSE from June 25,2007. He is also the Chairman,Board of Studies(Computer Science and Engineering),Osmania

Univresity ,from 20/7/2004. We also had ,Dr Gyoo-Soo Chae as the Guest Of Honour , who is a professor in the Divison of Inforamtion and

Communication ,Baekseok University ,Cheonan ,South Korea .His Keynote Speech was all about the role of 5G networks in changing the world.





Dr Satchindanada Dehuri and Dr.Kishor P Sarawadekar were also present to deliver their Keynote Speeches . Dr Satchindanada Dehuri, is a professor in the Department of Information and Communication Technology ,Fakir Mohan University ,Odisha .He has been awarded International Travel Support from Department of Science and Techonology ,India and also the Young Scientist Award from Department of Science and Technology,Orissa . His keynote speech was on Integration of

Soft Computing and Data Mining .Dr.Kishor P Sarawadekar has been a senior Research Fellow of IIT Kharagpur his research focus was on VLSI architectures for image processing applications .

he has also devised a new Compact Context Coding (C3) technique for implementing EBCOT architecture-algorithm in JPEG2000 codec – during his research tenureThe Second day had Dr.Mihir Narayan Mohanty as the Chief guest who is a member of

ITER ,SOA University ,Bhubaneshwar ,Odisha . Dr.Mihir Narayan Mohanty also delivered a keynote speech on Cognitive Infomatics .He has made a significant contribution in differencnt research areas like Software Engineering ,Wireless Communications,Neural Networks ,Genetic Algorithm and Support Vector machine



What is TED?

TED which stands for Technology, Entertainment and Design and goes by the quote #IdeasWorthSpreading, is a nonprofit organisation devoted to spreading ideas, usually in the form of short, powerful talks (18 minutes or less). TED began in 1984 by Richard Saul Wurman and Harry Marks, starting off as a one-off conference to become a viral video phenomenon and a worldwide community. TED welcomes people from every discipline and culture who seek a deeper understanding of the world. It aims to provide a platform for thinkers, visionaries and teachers, so that people around the globe can gain a better understanding of the biggest issues faced by the world, and feed a desire to help create a better future. Core to this goal is a belief that there is no greater force for changing the world than a powerful idea.

What is TEDx?

In TEDx, the “x” stands for ‘independently organised TED event.’ A TEDx event is basically a local gathering where live TED-like talks and videos previously recorded at TED conferences are shared with the community. TEDx events are fully planned and coordinated independently. The content and design of each TEDx event is unique and developed independently, but all of them have features in common. A TEDx event isn’t an industry or marketing conference. It isn’t limited to one topic or field. It isn’t used to sell something.

Theme : Road Not Taken

The theme for our first TEDx event is going to be ‘road not taken’. Speakers will deliver their stories and share their life experiences about how they ditched the conventional carrier paths and resorted to the ones of their interests. As this deed definitely takes loads of courage, their talks are expected to mould our mindsets in such a way that we start perceiving things in life, from a different angle. So this event would provide the audience with personal life stories about their experiences coupled with a pinch of inspiration.

VBIT

rganised TED event

TEAM TED^xVBIT



DIWAKAR
LICENSEE and ORGANISER



MANISH BEKKEM
CO-ORGANIZER



MOUNICA MALLADI
LOGISTICS



PAVANI PRATHYUSHA
DOCUMENTATION



HITASRI SIVARAPU
SOCIAL MEDIA PROMOTION



SHREYA
PRODUCTIONS



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DESIGNING



SHUBHAM RAJ
SPONSERSHIPS



PRAVEEN BHARATHI
MARKETING



KANCHAN TOMAR
SPEAKER RESEARCH



ADITYA TUMMA
COMMUNICATIONS

EVENT UPDATES

IETE-VBIT SB organized Vidhmaan-17 in which technical events like Disputandum, Disc etc and non-technical events like caricature, Logocazar, Grafico Presentationem etc were conducted. 80 students participated in this event.



“Tech with ARDUINO”, a hands – on session where the young minds were intended to comprehend on how to work with the ARDUINO in which 58 students participated.

Institute organized two day Central Hackathon on Internet of Things (IoT) for II & III B.Tech students in association with IDEA lab

IEEE-VBIT SB organized two day workshop on “3D Game Designing using Virtual Reality” on 20th & 21st September 2017 in which 50 students from various engineering colleges have participated



IEEE-VBIT SB celebrated IEEE Day by organizing Pre-IEEE Xtreme (CODEX) event which is a coding competition in which 80 students participated.

Institute of Student Engineering (ISE) forum of VBIT organized guest lecture on Cognize Entrepreneurship in which 90 students from various departments were participated

Department of EEE organized a guest lecture on “Overview of Machine Learning and Artificial Neural Networks” for students by Dr.G.Ravindranath, Professor & Head, Matrusri Engineering College.



Department of CSE & IT organized CISC 2017 in collaboration with Springer and IRD (Institute for Research and Development), India in which about 100 technical papers were presented.



Now that VBIT's first ever TEDx conference is approaching, here is a chance to double your excitement.

Win a free ticket or discounts up to 50% in our TEDxVBIT's conference ticket simply by answering these questions.

(Winners will be selected based on lucky-draw)

Follow the instructions below to know how to proceed:

Instructions

1. Fill in the coupon.
2. Cut the coupon
3. Drop the coupon in the box placed in Trupthi Block(canteen) or in the portico of Srujan Block

DROP THIS COUPON IN THE BOXES BEFORE FEBURARY 3RD



cut here



Name : _____ Branch: _____

Year : _____ e-mail: _____ Mobile: _____

Answer these questions and your ready to drop in the box :

1. Which TED has influenced you the most and why ?

2. Given a chance to be a TED speaker, what would you talk about?

3. What are your ideas for upcoming TED^x VBIT ?

AICTE SPONSORED FDP ON RESEARCH METHODOLOGY IN MANAGEMENT AND SOCIAL SCIENCES USING SPSS



Faculty Development Programme on "Research Methodology in Management and Social Sciences using SPSS" held at VBIT campus from 20-11-2017 to 4-12-2017 was successfully completed. Keeping in view the objective of FDP, the sessions are planned for two weeks. Eminent Personalities from various universities and reputed institutes came as resource persons. Each Session was held for two hours and each day had three sessions. Brain storming sessions were conducted among the organizing faculty and by taking suggestions from senior professors of renowned state and central universities.

The initial two to three days of the program concentrated on providing the basics of research like identification of problem, sample size, data collection etc. Later on fundamentals of data analysis, scaling techniques, basic statistical approaches etc have been exposed to the delegates.

Gradually the concept of SPSS has been introduced to this FDP for twelve sessions and also practical sessions. The second half of the FDP concentrated on the detailed approaches of SPSS, Testing of hypothesis, Report writing etc. Value added topics like how to avoid plagiarism, Ethics in Research, Role of a teacher in maintaining values among students, indset of a researcher etc. It is significant to note that all the delegates have participated actively and got their doubts about research methodology clarified by the resource persons.

The practical Sessions were the highlights of the two weeks Faculty development



The Beast among The Animals

New motorcycle manufacturers come and go, bikes come in and go out of popularity. But, there is only one brand that you can be sure, will still stick around. The brand is just as resistant as the bikes themselves. It is none other than 'The God Of All Bikes' *Harley Davidson*. Founded in the year 1903, Harley Davidson is the only motorcycle manufacturer to survive the great depression, two world wars and the great recession.

For almost 115 years, the brand has made it through every obstacle thrown at it. The Milwaukee - based company has managed to stay relevant by creating legendary bikes one after the other. Out of all those legendary bikes, my favorite is Harley Davidson Iron 883. It was launched recently and it became one of the best models in no time. The Iron 883 has a clutter free design with a peanut - shaped tank. It gets an LCD display in the instrument cluster which shows the gear position, reverse and other details.

As the name suggests, the Iron 883 is powered by an 883CC 'V - twin' engine, which produces maximum power of 50bhp @ 5,500rpm (brake horse power), maximum torque of 70Nm @3,500rpm and some of its specifications are,

Stroke : 96.8mm

Bore : 76.2mm

Drive type : Chain, 38/57 ratio

Valves per cylinder : 2

Ignition : Electronic Sequential

Spark plugs : 1 per cylinder

Port Fuel Injection

Gears : 5

Performance and Fuel Economy:

Mileage : 17 Kmpl

Top speed : 200+

Apart from manufacturing it, the brand has made appearance in movies, books and television. They are just so cool! You can be a part of that proud legacy by owning your own.

- P. Harsha Vardhan
II, CSE



The Ideal Smartphone

The solution for most of the problems of a man lies in his pocket, his smartphone. I believe the present world is a world of good smartphones and the future is them getting better. But what does "smart" in a smartphone imply to? What are the qualities that we may hope to find in a perfect smartphone?

Let us first understand the fact that there has never been a perfect smartphone. Every second there's an advancement in technology and there's always a competition in the market for making good use of such technologies. But as of today, we can categorize some of the qualities on which we can judge a smartphone. The five pillars for the present generation smartphones are Performance, Display, Build, Camera and Battery.

Performance : There was a time where a man bought a phone just by looking at it. But today performance has become one of the top priorities. It's all about speed, ease of access and fluent usage and all these depend on the hardware and the software. We've got excellent processors in various smartphones, Apple uses their own processors and even the Android players are seen donning great processors like the Qualcomm's Snapdragon chips, Kirin and Mediatek etc. These help support high quality graphics and running games without any lag. Even the RAM serves an important role in handling apps in the background. Coming to the software, the User Interface(UI) and the customization provided help users modify their smartphones according their daily needs and tasks.

Display : From a 2 inch screen in a Nokia phone the smartphone displays have gone upto a size equal to a complete human palm with their quality getting better and better with high resolution touchscreen LCD, full HD and Quad HD AMOLED displays.

Camera : Now here comes the most addictive part of a smartphone. There's no doubt, the manufactures have worked their heart out in improving the camera aspects and meeting the photo fantasy of people. The birth of dual cameras has already started and putting out amazing results capturing every detail with the combination of different lens.

Build : A great build and form factor is the base of a good smartphone. If one is not a techie, the first thing a person notices is the design and its durability. A metal design is much more durable and attractive.

Battery : Apart from all the features mentioned above the one essential thing which gives life to a smartphone is it's battery. A long lasting battery makes a happy user. Apart from processing and other features of a smartphone, 4G network, long hours of gaming and advanced applications drain out a lot of battery and most of the smartphones releasing today have at least 5 to 6 hours of screen-on time which can last more than a day.

So, when we look at phones at a broader spectrum, there are companies all over the world which are striving to achieve this perfection. But, we can always see every phone has at least one flaw in any of the pillars. I hope that one day I can get my hands on such a phone which meets all my desires.

LETTING GO vs GIVING UP

Have you ever wondered what is the difference between 'letting go' and 'giving up'? There is a big difference.! Letting go means freeing yourself from something that is no longer serving you. It means removing toxic people and belief systems from your life so that you can make room for relationships and ideas that are conducive to your well-being and happiness. Giving up means shutting yourself out. Finally, being a victim and powerless.

"Giving up reduces your life. Letting go expands it."

Letting go is an action of freedom. We are all allowing ourselves the freedom to find something else or something else to find us. It's not one size fits all; as everyone is dealing with different issues, different relationship, different dreams. But in the end, it boils down to gratitude and trust. Grateful for the moment and trusting in the future, which is the essence of 'letting go'.

"We let go the present, which we have in our power and look forward to that depends upon chance, and so relinquish a certainty for an uncertainty".

Sowndarya Nookala
II CSE-D

VS



REVOLUTION IN HANDLOOMS

Telangana is one of the ancient Ikat weaving centers in India, along with Gujarat and neighboring Odisha. The weaving centers during ancient period was in Chirala and Jentrpeta towns situated between Vijayawada and Chennai but was discontinued for various reasons. Locally, Pochampally Ikat is known as Pogudubandhu, Chitki and Buddabhashi in Telangana where it is produced, in other parts of India it is popularly known as Pochampally, named after one of the village where it is produced. It has its own unique character of design, different from other Ikat producing areas in India. Today, most of weaving takes place in Pochampally village where there are over five thousand looms producing this textile. It has found place in UNESCO tentative list of world heritage sites as part of "iconic saree weaving clusters of India".

The weaving survives in a few villages like Pochampally, Koyalgudam, Choutuppala, Siripuram, Bhuvanagiri, Puttapaka and Gattuppala and few villages around them mostly in Nalgonda district. Pochampally Ikat uniqueness lies in the transfer of intricate design and ngly, the colours themselves are from natural sources and their blends.

But these days these weavers are not given so much importance cause the textiles we use are mostly imported. Our IT Minister Mr. Kalvakuntla Taraka Rama Rao garu initiated a new strategy for the handloom weavers of Telangana to grow eventually cause these ancient works that depict our culture should be given some exposure. And actress Mrs. Samantha Akkineni is dealing as the brand ambassador for the textiles produced by these weavers. She conducted a Fashion event for displaying these these textiles where Naga Chaitanya was the show stopper. Even a photoshoot was done by a magazine which featured Samantha on its cover page. And surprisingly there were many people who took interest in these "renewed" handlooms. Hopefully, our weavers get the same or more response that they actually deserve.

N. Alekhya
II CSE-A

REALITY

We celebrate our success,
We get disheartened at our failure.
We expect inspiration from others,
Not realizing we are capable of inspiring ourselves.

We weep at our failure,
Not realizing that it is the result of our choice.

We expect people to change our lives,
Not realizing that we can choose our life.

We expect chance,
But not ready to accept it.

We pray God to change our situations,
Not realizing God put us here to change us.

When Time Comes, Everything Unfolds.

Let Us All Be Prepared For Change
And Choose Our Path Wisely

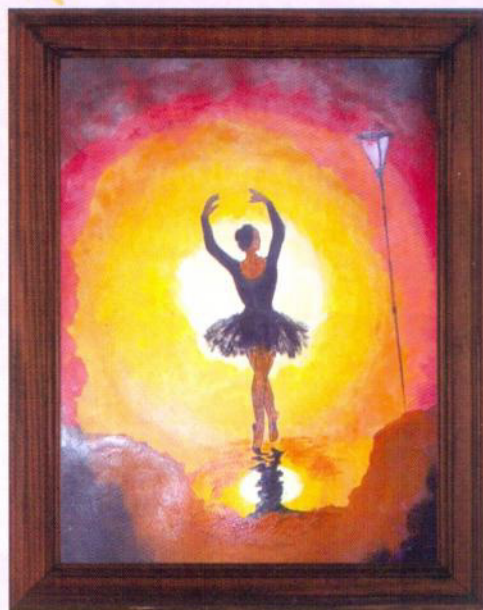
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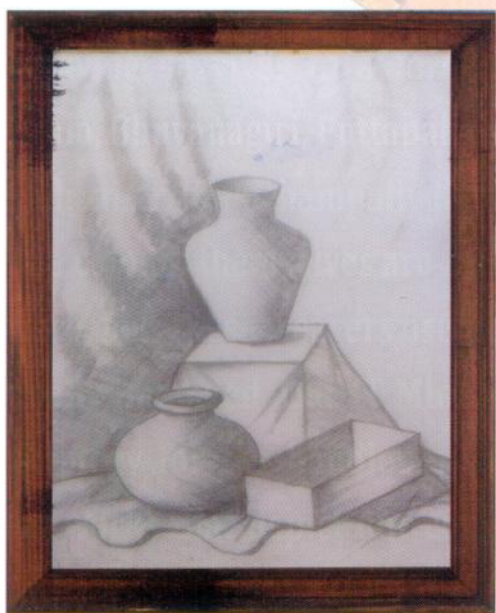
ARTWORKS



HETAL II CSE



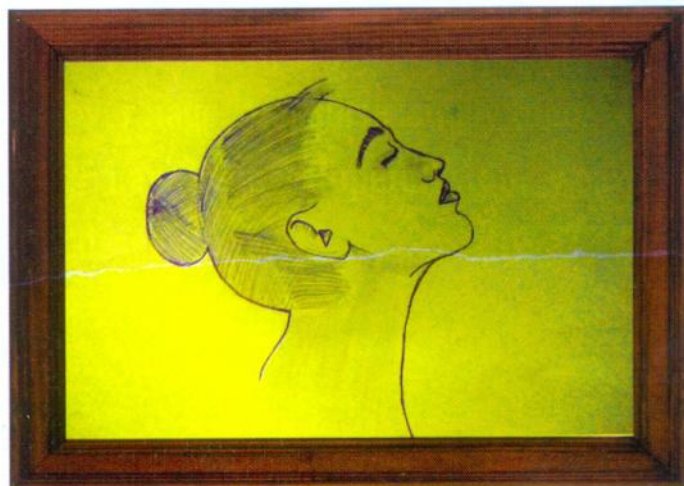
VARSHINI II MECH



JYOTHI II CSE



SINDHU II CSE

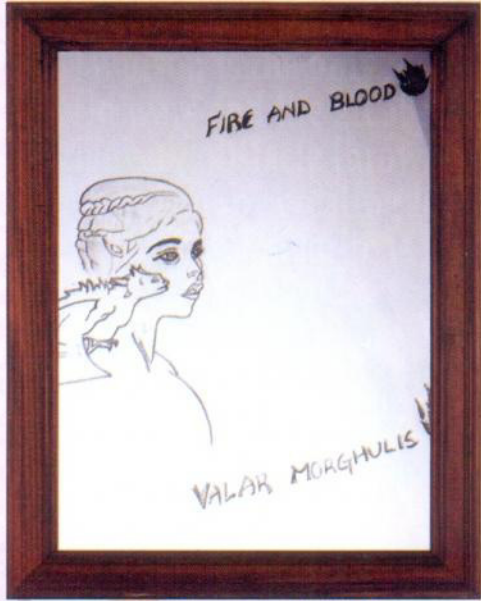


JAHNAVI II CSE

ARTWORKS



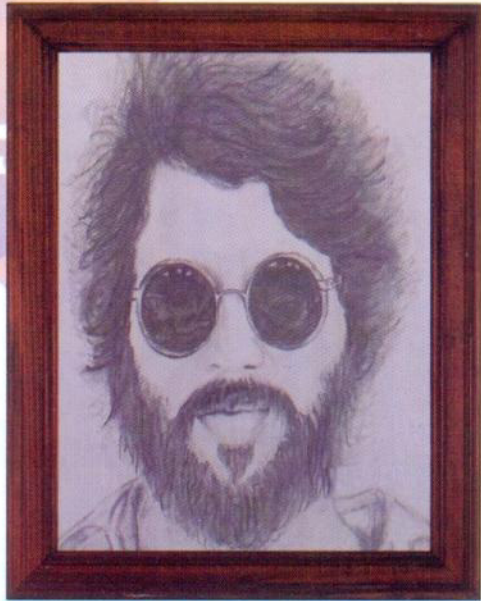
GAUTAMI II ECE



ALEKYA II CSE



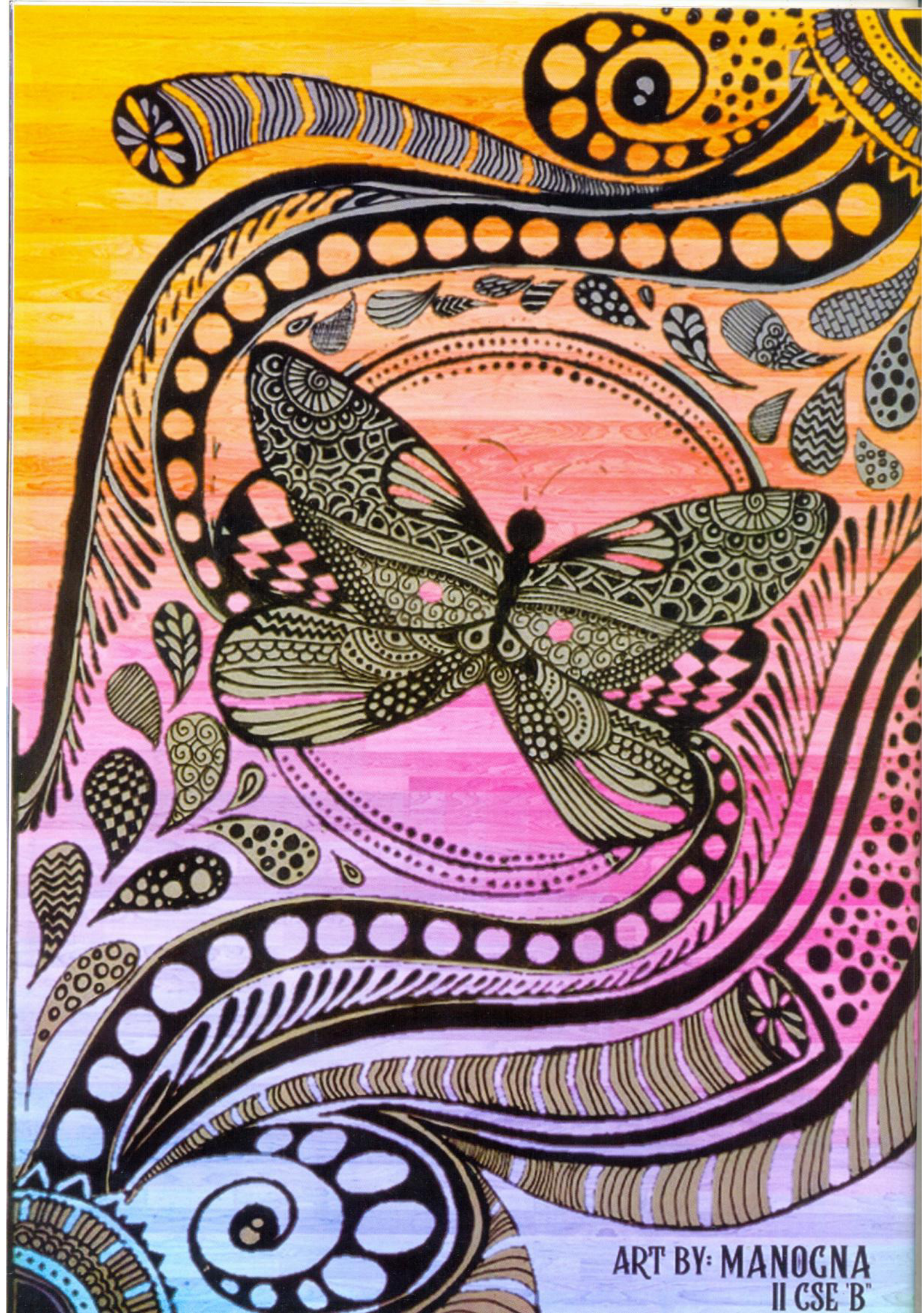
HARIKA II CSE



VINOD II CSE



MANVITHA II CSE



ART BY: MANOGNA
II CSE 'B'