

# JB BYTE BARD



The Voice of JBIETians - Creative Minds



IN THIS ISSUE: January highlights in JBIET

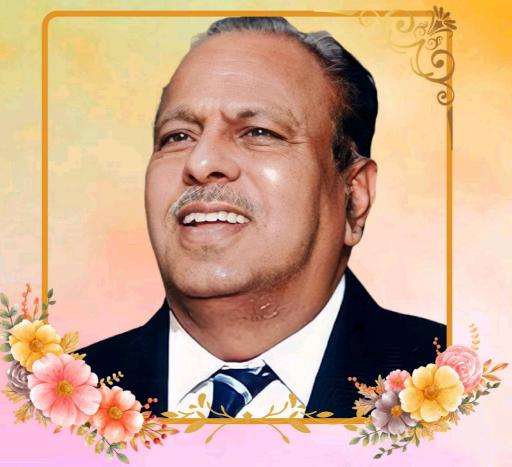
"IN THE MIDDLE
OF DIFFICULTY
LIES AN
OPPORTUNITY."

- ALBERT EINSTEIN

#### **JANUARY HIGHLIGHTS**

Discover excellence at JBIET, part of Hyderabad's esteemed JB Group. Discover your potential, embrace innovation, and become a part of our vibrant community committed to shaping tomorrow's leaders. Together, let's embark on an exciting journey of growth and achievements with JB's BYTE BARD.





## LATE SHRI. J. BHASKAR RAO

May 12, 1940 - June 17, 2014

### **FOUNDER**

#### J.B. GROUP OF EDUCATIONAL SOCIETY

Your life was a blessing as a mentor
You are missed beyond measures
You always had a smile to share
A loving nature, kind and true
Is the way we'll remember you
May we all strive to uphold your legacy!

A great soul does not die because they leave a mark with their way and vision on people who keep looking up to them as inspiration.

IN REVERENCE

Management, Staff & Students of JBIET

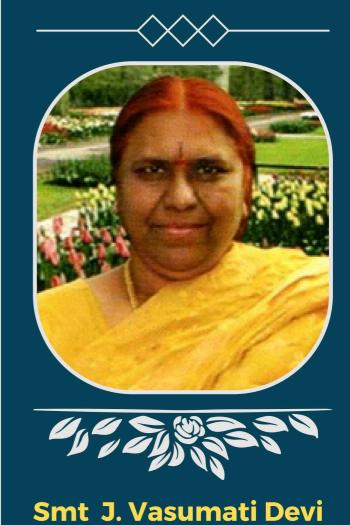
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# CHAIRPERSON'S MESSAGE

Greetings to all students of the JB Group of Educational Institutions. As Chairperson, I extend warm wishes. Founded in 1998 by Late Shri J. Bhaskar garu, **JBIET** Rao flourished, offering modern facilities and dedicated faculty. We prioritize excellence in engineering and education management while nurturing ethics. Initiatives like JBIIAI foster innovation. Join us in realizing our founder's vision for societal betterment. Through initiatives like JBIIAI. we foster innovation entrepreneurship, in line with our founder's vision. I urge you to join us in realizing this dream, advancing towards excellence and societal betterment together. Thank you.



Chairperson, JBES

# SECRETARY'S MESSAGE

I am glad to know that JB Institute of Engineering and Technology is bringing out its monthly e Newsletter "Byte Bard" in the subsequent Silver Jubilee year.

Our Institute has stepped over its Silver Jubilee year with standards flying high. We are proud of the achievements of our students and the rapid progress of our institution in all spheres. The Institute has carried a name for itself in of total holistic its pursuit and education and its alumni have made their alma mater proud by becoming very responsible citizens and thorough professionals doing yeoman service to Society at large.

I appreciate the devotion & dedication for nurturing future generations by fostering knowledge and social skills and your caring and concern for all round development of the students. I am sure it will help students to develop a wide mental horizon to be successful and will inspire the faculty & students to make greater efforts to achieve excellence and perfection in every field so that they may be a source of pride for their Alma mater and their country.





# MESSAGE OF THE CHAIRMAN, BOG

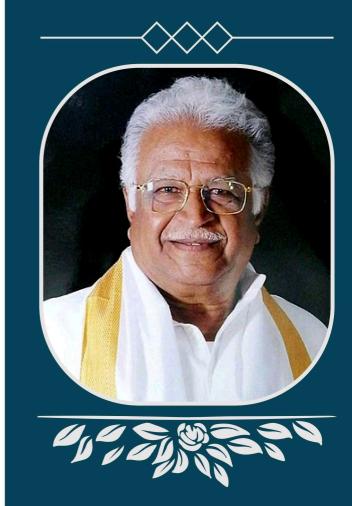
Dear reader.

I am happy to hear that you are going to start a Newsletter -Byte Bard. I congratulate the team for their dedication and commitment in bringing the best on board.

This endeavour will enhance experimental learning and the enhancement of writing skills.

The Institute has grown to become not an option for students but a priority to help them reach their fullest potential.

My sincere wishes and blessings! Grow up and shine like stars.



Prof. Kolakaluri Enoch, Padma Shri Awardee, BOG Chairman, Former Vice-Chancellor, Venkateswara University Tirupathi.

# DIRECTOR'S MESSAGE

The Institute is committed to creating atmosphere for an nurturing innovation, creativity, and excellence in its students. The embers of great minds ignite, cultivate, and yield toward the betterment and growth of knowledge. The search for evergreen knowledge enlightens ignorant, dormant, and static beings. The process of creating a newsletter involves creativity, leadership, aesthetics. effective interpersonal skills. teamwork, planning, and skills. which organizational are qualities long-lastingly ingrained in minds of the students. newsletter always gives you glimpses of academic achievements, student innovation. events. research and collaborations. alumni and contributions.

We believe in continual improvement, and publishing the newsletter gives us a chance to reflect on how close we are to achieving our goals. I appreciate and congratulate the efforts of all the students and the faculty members for their wholehearted commitment to this newsletter.

Warm regards Prof.CH.SANJAY



# PRINCIPAL'S MESSAGE

Dear Reader,

lt is with great pleasure and excitement that I welcome you to the inaugural edition of our college newsletter. This marks a significant milestone in our journey together as a learning community. As we embark this endeavour, we aim strengthen connections, enhance transparency, and promote a culture of collaboration within our school community.

I congratulate the team for their dedication and hard work in bringing out the Newsletter and looking forward to the continuation of the same.

Principal



Dear reader.

We are elated to move on with the first edition of the Byte Bard, the voice of JBIETians. It has been a great journey so far and this month had been bubbling up with events, examinations and lots of educational webinars where the students and the faculty got a chance to reflect and introspect on their learnings.

Many new initiatives were taken up in the campus which are well covered in this edition.

Our vision for this newsletter is to carve a niche, explore and expedite the scholastic excellence of the JBIETians in the fields of academics, technology, skilling and sports.

We hope to continue our journey in the same way with memorable moments, creative articles and mesmerizing artwork.

Have a euphoric reading!!



## MOU'S

# CAMBRIDGE UNIVERSITY



WITH THE PRESTIGIOUS
CAMBRIDGE UNIVERSITY
PRESS AND ASSESSMENT

• Empower and Linguaskill assessment



## MOU'S

# CYBERSECURITY CENTRE OF EXCELLENCE



#### Collaboration in the areas of

- RESEARCH
- INNOVATION AND INCUBATION
- MARKETING
- HACKATHONS
- TRAINING PROGRAMS.



## MOU'S

# SOLVIX SKILL DEVELOPMENT CENTRE





SKILL TRAINING PROGRAMS IN PHARMACY, ITI TRADE AND IT INDUSTRY.







Certificate of Excellence

# Certificate of Excellence

## INDIA ACADEMIA RANKINGS 2024

This certificate is proudly presented to

J.B. Institute of Engineering & Technology

Positioned in the **Diamond Band** in India for RESEARCH EXCELLENCE

RANKING

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#### NPTEL COURSE ACHIEVEMENTS

- EXCELLENCE IN ACADEMIA
- RESEARCH
- EMPLOYABILITY

#### ESER 2024 Employability and Startup Ecosystem Rankings 2024

This certificate is proudly presented to

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Positioned in Diamond **Band** in India for Employability and Startup Ecosystem Excellence



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# Departmental Achievements



01

Department of Electrical and Electronics Engineering



02

Department of Artificial Intelligence and Machine Learning

# Department of EEE

#### NETWORKS AND TWO PORT NETWORKS

8

BY MRS. LAXMI PRASANNA

Assistant professor- EEE, JBIET

Venue: K.G.REDDY COLLEGE, HYDERABAD DATE: 11TH JANUARY, 2024

Title: Unveiling the Significance of Networks and Two-Port Networks in Electrical Engineering

Venue: K.G. Reddy College, HYDERABAD

Date: 11th January, 2024

At K.G. Reddy College, on 11th January, 2024, the profound significance of networks and two-port networks in electrical engineering was illuminated. Networks, comprising interconnected components for functions like signal processing and power distribution, are pivotal in modern technology. Behind their seamless operation lies intricate analysis and modelling, offering engineers crucial insights.

Mrs. K Laxmi Prasanna, an eminent figure in Electrical Engineering, highlighted their importance. Various models, including impedance/admittance parameters and scattering parameters, enable accurate description of inputoutput relationships.

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in conclusion, networks and two-port networks are indispensable in electrical engineering, unraveling the complexities of interconnected systems. Mrs. K Laxmi Prasanna's insights
underscore their role in driving innovation and progress in this
ever-evolving field.

• Papers Presented by faculty in Conferences:

Electrochemical
Spectroscopic
Impedance Study of
Solid Polymer
Electrolyte Application
to Sodium Ion Batteries

"International Conference On Nanotechnology in Emerging Fields(ICNEF2023)",
Vardhaman College Of Engineering, Hyderabad.29-30
Dec-2023

#### **Book Chapter**

Dr.P. Duraipandy, EEE DEPT,
Title of the book: Performance Analysis Of IPM and SPM- Based BLDC Motor Using
JMAG Software,

**Book Chapter** 

ISBN NUMBER: 978-981-99-7382-8

Lecture Notes in Electrical Engineering,

Springer

(23-jan-2024)

Pages: 99-110

#### • Patents Filed/Published/Granted:

Device for Electricity Generation From Waste Water Treatment	Dr.P.Duraipandy	EEE	Design No:397072- OO1 Intellectual Property India19/01/2024	Granted
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# ARTIFICAL INTELLIGENCE & MACHINE LEARNING

#### • Trainings attended as Resource Person

Title/Topic	Organiser	Date	Venue	No. of Participants	Name of the Resource Person	Outcome
Al for Healthca re	AI&ML Department	13th Feb – 26th Fe b'24	Bhaskar Medical College, Moinaba d, Hyderab ad	14 MBBS Students	Dr. Ravi Sayyaparaju, Associate Professor, Al&ML Department, JBIET	· Pursuing higher education in Centre of Excellence regarding healthcare .· Being a Smart doctor using Al Technolog y in Healthcae.

## AI ON HEALTH CARE

BY- RAVI SAYYAPARAJU

Event: AI in healthcare

Date: 13th Feb to 26th Feb 2024

JBIET, Moinabad, Hyderabad, Telangana

How to be a smart doctor in the supermacy of excellence towards healthcare

Dr. Ravi Sayyaparaju and Dr. Arun Sampaul Thomas G, together published a research article on "Future of Medical Research with a Data – Driven Federated learning approach" in a handbook on Federated learning: Advances, Applications and Oppurtunities(1st ed). They together published another research article named "Broad Framework of Digital Twins in Agriculture Domain" in Predictive Analytics in Smart Agriculture(1st ed). CRC press.

#### Guest lecturer:

Dr. Ravi Sayyaparaju, Associate professor Al&ML department, JBIET has delivered a guest lecture on AI in healthcare to Bhaskar Medical College, Moinabad, Hyderabad. He delivered the lecture to MBBS students. He accentuated on pursuing higher education in centre of excellence regarding healthcare and being a smart doctor using AI technology in healthcare.

With the introduction of more innovative and new generation AI tools, healthcare is more advanced in the sense of more awareness and efficiency in delivering care.

Students really appreciated the use of AI in the medical field.



# INDUSTRIAL VISIT

Department of MBA

To COCO-COLA COMPANY

# PUSHING. Students

- AN INDUSTRIAL VISIT TO HINDUSTAN COCO COLA BEVERAGES .PVT.LIMITED, HYDERABAD,INDIA . EVENTWAS SUCCESFULLY ORGANISED MY THE DEPARTMENT OF MBA.
- STUDENTS AND FACULTY HAVE VISITED TO KNOW THE PRODUCTION ACTIVITY MANAGEMENT PROCESS AND ASLO KNOW ACQUIRE KNOWLEDGE AND EXPERIENCE.
- THE GUIDE BRIEFLY EXPLAINED ABOUT THE PLANT AND MACHINERY AND ALSO THE PROCESS OF WATER TREATMENT.



to the FOREFRONT

# CAREER COUNSELLING



New Edge, a platform aiding professionals in overseas education, orchestrated a captivating workshop featuring James Collins from Swinburne University, Australia. Having resided in India for two years after a stint in London, UK, Collins delved into Indian culture. His presentation dissected student life in India, intricately analysing pressures stemming from parents, society, friendships, and personal passions. Engaging the audience with his accent and intriguing trivia questions, Collins left a lasting impact. The event culminated with Collins being felicitated by the esteemed chief guest. This workshop exemplified New Edge's commitment to providing valuable insights for aspiring international students.

SWINBURNE UNIVERSITY James collin



uditorium, įbiet, Telangana 500075, Ind

GPS Map Ca

# ALUMNI

**TALK** 



## Mr. Shiva Ram

#### **Alumnus Details:**

**BRANCH: ECM** 

YEAR OF GRADUATION: 2018-2022



1) INTERVIEWER: Tell us something about yourself.

SHIVARAM: Hello, this is Shivaram Reddy. I graduated from J.B. Institute of Engineering and Technology in the year <u>2022</u> under the course of Bachelor's of Technology of Electronics and Computer Engineering. I am currently working as a software engineer with Sapiens InfoTech Private Limited.

2) INTERVIEWER: How do you feel now that we are going to make you reminisce about your college days?

SHIVARAM: Well, it feels really good and quite surreal. Honestly, I never thought I would be getting a call from my college someday. It will be really great to remember those good old days.

3) INTERVIEWER: During your study years in JBIET could you tell us about your experiences there that helped to make yourself successful in the career you chose?

SHIVARAM: There are quite a lot of things I have experienced throughout the four years of my college days. Of course the first year was quite strict and academic oriented. The whole year was to make our base strong and prepare us for the next 3 years. The next two years we had to restrain ourselves because that was the time when the pandemic hit and we had to attend our classes through our laptops. And the fourth year we utilised it for the major and minor projects and then for internships. Finally we made ourselves prepare for the placements.

**4)** INTERVIEWER: Considering the academic environment at JBIET, can you highlight a course or project that you initially found challenging but ultimately played a crucial role in your skill development and career trajectory?

SHIVARAM: I was under the ECM branch so the major course I had to take up was Computer science. Under that i tried to improve myself with C language, python and Java. I took up many online courses from the NPTEL website, which our college has suggested to us.

5) INTERVIEWER: In a rapidly changing job market, adaptability is the key. Can you discuss a situation during your college years where you had to quickly adapt to unexpected changes, and how did it shape your ability to thrive in your current professional role?

SHIVARAM: Adaptability was not a problem with me. I really admired changes. I have always tried to be unique, trying things out of boundaries. Whenever I was bound to a sudden change, I tried to take up the necessity of the change and learn the ways in which I can adapt to the change. It helped me a lot because when there is a sudden change of plans in my workplace, I can adapt myself to the change and contribute myself accordingly rather than panicking over the situation. So, I think adaptability is going to be a big section for work performance.

**6)** INTERVIEWER: JBIET College is known for its collaborative culture. Can you share an example of a group project or collaboration that pushed you out of your comfort zone, and how did it contribute to your personal and professional growth?

SHIVARAM: Of course collaboration is one of the main trends in JBIET. And I think it's a very statistic plan which is quite advantageous in many aspects. There are many internships that will push u quite out of your comfort zone but it is also going to help you to get yourself prepared for the real corporate world where comfort is not a much known thing. Taking part in these internships I got a very accord experience on how it feels to be working in offices and how u get to prepare yourself to learn many new things.

7) INTERVIEWER: JBIET's alumni network is known for its strength. How have you leveraged your connections with fellow alumni to enhance your career, and can you share an example of a mentorship or collaboration that proved valuable in your journey?

SHIVARAM: I had a very good friend circle. As said communication is the key to everything. It helps you learn about new things and trends. We were also in touch with our seniors who helped us a lot about placements and sorting out things which was

going to help us a lot when it comes to being engineers.

**8)** INTERVIEWER: Since you said u had to spend two years of your college time at home because of the pandemic. Did it pose as a disadvantage to you because you were only able to engage virtually with your college and not being present there physically?

SHIVARAM: When a pandemic hits, it's only normal to have disadvantages because a lot of things slow down to zero. But it has its own advantages too. Time can be one of the most important advantages during lockdowns. I could make myself a lot of free time where I could learn more things. I took a lot of online courses which could not have been possible if we had classes and assignments. These online courses helped a lot in the future and it also added experience to my resume. So on one point, to me, it was more advantageous than being a disadvantage.

9) INTERVIEWER: Reflecting on your journey from JBIET to your current position in Delhi, what advice would you give to current students aspiring to achieve success in their academic and professional pursuits?

SHIVARAM: Focus. Focus is always the greatest of all advices we ever get. While being a good student when it comes to academics, try making yourself excellent on practical things. When you try to bring out the level best of yourself in any field you opt, it's not very hard to succeed. Being concentrated and devoted is all u need. Also courage. Keeping a positive attitude of "I can do it" is important too.

**10)** INTERVIEWER: Getting onto one personal question I would like to ask you. If u had to chance where u were sent back to time, would u have done things differently than u did then?

SHIVARAM: Definitely. As an alumnus, if I was given the chance to go back in time, I would certainly have made some different choices. I would work upon the aspects of my academic and personal development which I always wanted to improve with the benefit of the experience I have gained.

# Events & Student Affairs

JBIET NEWSLETTER

# -SPORTS -NSS

Byte Bard

**Editorial** 

# REPUBLIC DAY

MNR OPEN AUDITORIUM-









JANUARY | 2024 29



# sankranti highlights



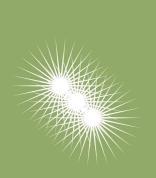
"Harvest Heralds Joy: Celebrating Sankranthi Festival"







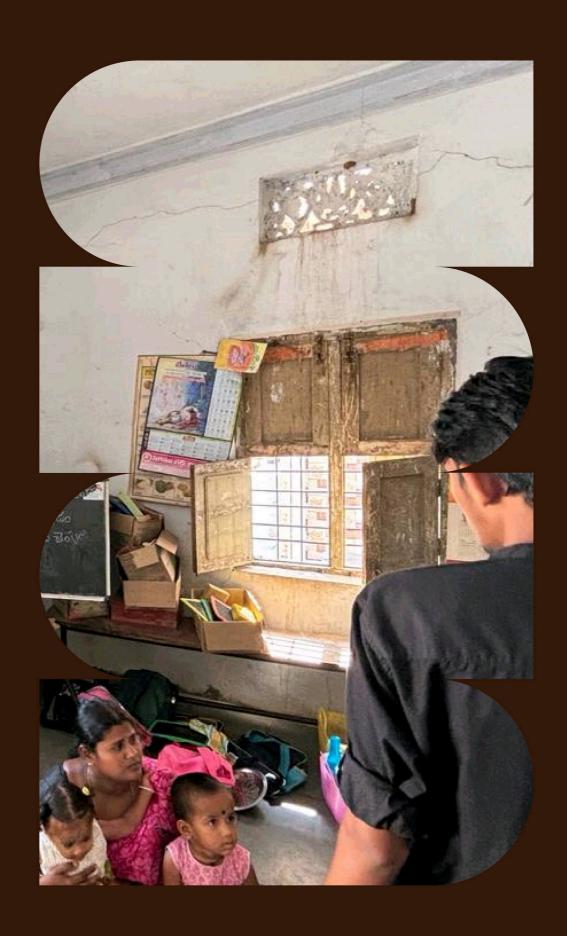
'Sankranthi Splendor at JBIT: Embracing Tradition and Unity'











# 1) "Survey on localization of sustainable developmental goals"

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location: Murthazuguda



The survey on the localization of Sustainable Development Goals in Murthazuguda represents a significant step towards building a more sustainable and resilient community. By addressing local needs and aligning with global sustainability targets, we can create positive and lasting change for the betterment of all residents.





#### location: Murthazuguda

Community Needs: Identified primary needs and challenges in Murthazuguda encompassing areas such as healthcare, education, infrastructure, environment, and livelihood opportunities.

Action Planning: Developed SMART goals and action plans tailored to address the identified needs and contribute to the achievement of relevant SDGs in Murthazuguda





# D) Breakthorugh with Krishnaji





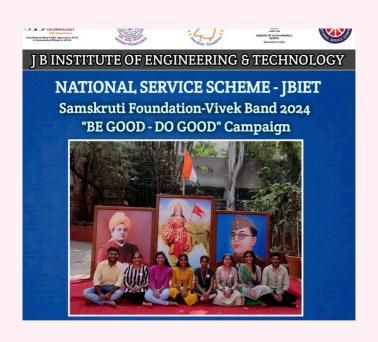
Young oneness leader is a charitable initiative created by Sri Preethaji, Sri Krishnaji and their Daughter Lokaa, Their motive is to build fearless young minds and to have them massive potential and help them to take a massive action.

Our students of JBIET, The NSS team participated and gained a lot of mental awareness experience through this enlighting session

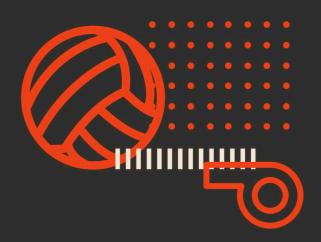
# 3) Samskruthi Foundation - Vivek Band

#### "Be Good - Do Good Campaign"









## SPORTS ACHIEVEMENTS

"EMBRACE THE JBIT - THE JOY, THE BEAUTY, THE INTENSITY, AND THE TRIUMPH - FOR IN EVERY GAME, IT'S NOT JUST ABOUT WINNING, BUT ABOUT THE JOURNEY THAT FUELS OUR PASSION FOR SPORTS."



#### J.B.INSTITUTIE OF ENGINEERING & TECHNOLOGY

(UGC AUTONOMOUS)

Accredited by NAAC & NBA approved by AICTE Permanently affiliated to JNTUH

#### **Department of Physical Education**

SPORTS CLUB JBIET

**CONGRATULATIONS** 



#### **RATHOD BANTHILAL**

B.TECH ECE IV YEAR JBIET
To Nationals JNTUH BaseBall Men Team

lubjbiet

Mr..N.V Physical 77021

#### J.B.INSTITUTIE OF ENGINEERING & TECHNOLOGY

(UGC AUTONOMOUS)

Accredited by NAAC & NBA approved by AICTE Permanently affiliated to JNTUH

## Department Of Physical Education SPORTS CLUB JBIET



#### **RATHOD VASANTH**

B.TECH CSE III Year JBIET
Selected To Nationals JNTUH BaseBall Men Tean

portsclubjbiet

Mr.N.\ Physica 7702

# Byte Bods iterary space

#### **POEMS**

#### 1. NEPHOPHILE

-Name: CH. Pranathi I - B.TECH, CSM - A And at the end of the day, I look up.

To see a cottony white cloud pass by again.

Blowing each of my burden away like dandalions.

Making my heart light.

I smile a little more wide.

The cool breeze feels like a warm hug.

I sometimes wonder if you're alive,

'Cause you always comfort me when I whine.

You are ever-changing convas of colours.

The orange tinge of setting sun

And when the sun is below the horizon,

you're covered with tiny little diamond and silver ball.

Shinning so bright like city lights.

You let me know there's more to life.

And the bad times, meant nothing all this while.

Giving the moments to love myself.

Showing the beauty even when life sucked.

The scent of bliss I smell.

as the air hits me.

your effort to make me feel free.

Because of you I found it.

The peaceful me.



#### **POEM**

#### 2. NO TIME

Name: Sthiti I - BTECH, ECE.

#### NO TIME

What is this life, if full of care We have no time to, stand and stare No time to stay beneath the boughs And stare as long as the sheeps and COWS

No time to see the woods we pass Where the squirrels hide their nuts in grass.

No time to see in broad daylight,

Strams full of stars, like skies at night.

To turn at beauty's glance And watch her feet, how they dance.

No time to wait till her mouth can Enrich the smile her eyes began. A poor life this is, if full of care There is no time to stand and stare.









1) ANUSHKA II BTECH, CSE- A

2) AMBADI SHIVA SRI III BTECH, CSE



3) SREEJA II BTECH, AI&DS

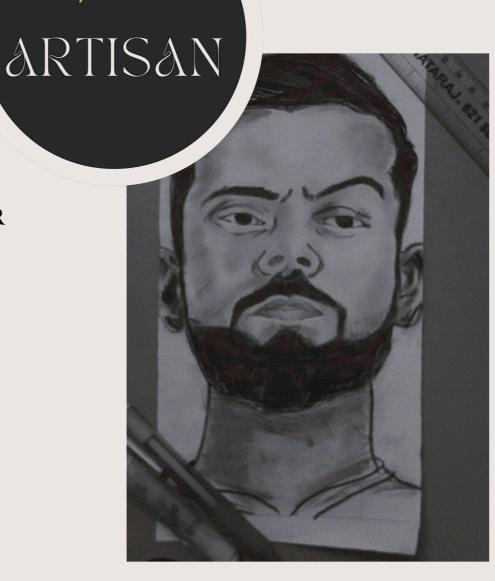


4) STHITI I BTECH, ECE



BALAKRISHNA III BTECH, AI&ML

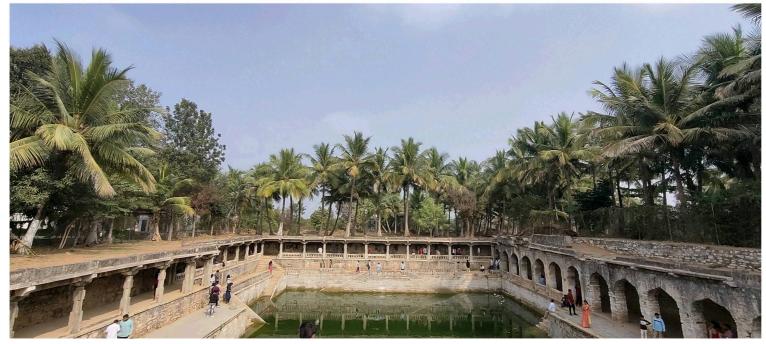
E.PUNEETH KUMAR I BTECH, CSE-B



# PHOTOGRAPHY

SPACE





K.Shivasai Goud ECE-A 1st year

#### SARVABHOWMA

 $AI \ \mathcal{E} \ ML$   $3RD \ \Upsilon EAR$ 







ABHISHEK

AI&ML 3RD YEAR



# THANKS TO >>>>> OUR MENTORS



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ECE department





### Meet The Team Leads







**ZOE BERNADINE** 

(NEWSLETTER TEAM LEAD)

**BHEEMA ADITHYA** 

(TECHNICAL TEAM LEAD)

**THODE VINUTNA** 

(RADIO TEAM LEAD)





(HUMAN RESOURCE MANAGER)



**A.PRANAY SAI** 

(PUBLIC RELATIONS MANAGER)



# Meet our team members



**Sheelam Agnivesh** 



**Abhishek** 



**MANDULA PRANEETH** 



Sthitipragyan Pradhan



**Adarsh Srivastav** 



JohnBalla Jessica



**Abhijeet Somashila** 



P. Karthik Reddy





Nidhi Sherkhane



J. Navanitha



"IN A WORLD OF NOISE, MAY OUR WORDS RESONATE, SPARK THOUGHT, AND INSPIRE ACTION. LET US CONTINUE TO NAVIGATE THE CURRENTS OF CHANGE WITH WISDOM, COMPASSION, AND UNWAVERING INTEGRITY."

# THANK YOU

JANUARY EDITTION