



Vasavi Educational Trust

# V.E.T B.V.L POLYTECHNIC

ವಿ.ಇ.ಟಿ ಬಿ.ವಿ.ಎಲ್ ಪಾಲಿಟೆಕ್ನಿಕ್

(Recognised by Dept. of Collegiate & Technical Education, Govt. of Karnataka and AICTE, New Delhi)

No.18, 14th Main, 2nd Phase, J.P.Nagar,  
Bangalore - 560 078.

[www.vetbvlpolytechnic.edu.in](http://www.vetbvlpolytechnic.edu.in) E-mail : [vetbvlpoly362@gmail.com](mailto:vetbvlpoly362@gmail.com)

ಉದಯಂತಿ  
**Udayanthi**  
Excellent

2024-25



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 @vetbvlpolytechnic7672



## MISSION OF THE TRUST

To achieve the founding objective of the trust to impart quality education in all streams to all sections of the society by imbibing excellence in every aspect of teaching and learning.



**LATE. B.V. RATHNAIAH SETTY**  
**Founder President**



**LATE. BELAGODU KRISHNAIAH SETTY**  
**Founder Secretary**



**B R VISWANATH  
SETTY**  
**President**



**DR MANANDI N  
SURESH**  
**Hon. Secretary**



**AVS MURTHY**  
**Vice President**



**PATHI R  
SAMPATH  
KUMAR**  
**Vice President**



**TALLAM N UMESH**  
**Vice President**



**MANANDI N RAMESH**  
**Joint Secretary**



**B S ARUN KUMAR**  
**Treasurer**

## Vision

V.E.T B.V.L Polytechnic, JP Nagar, Bangalore, endeavors quality education to young minds of all sections of society, creating an opportunity to be a technocrat of distinction, create & develop innovative ideas in the ever changing global scenario and also become one among the top ten best polytechnic colleges in Bangalore

## Mission

Being one of the best polytechnic colleges in Bangalore, College's mission is to achieve the founding objective of the trust to provide quality technical education at Diploma Level to needy section of the society by imbibing excellence in all aspects of teaching & learning.

## GOALS & OBJECTIVES

- To promote quality in technical education so as to train the students to assume higher challenges in profession.
- To develop a balanced education system comprising of curricular, co-curricular and extracurricular activities for the overall development of the students and continue to be one of the best polytechnic colleges in Bangalore.
- To imbibe social, moral and ethical values in students to enable them to be a technocrat with human values

# ACADEMIC LEADERS



**Dr. R PARVATHI**  
Director  
VET INSTITUTIONS  
Principal,  
VET First Grade College

**Shri. B.K. VENKATARAJU**  
Principal  
VETBVL Polytechnic



# THE EDITORIAL BOARD



## CHIEF EDITOR

Sri B.K. VENKATARAJU  
Principal

## EDITORS

Smt. Anitha B.G  
H.O.D, Computer Science Engineering

Smt. Umme Salma  
H.O.D, Apparel Designing & Fabrication Technology

Smt. Sowmya C.R  
Lecturer, Commercial Practice

Sri. Mallikarjuna A  
Lecturer, Commercial Practice

Smt. Devika Iyer.V  
Lecturer, English

Smt. Shobha H.Y  
Asst. Lecturer, Computer Science Engineering

# **ACADEMIC TEAM**

| Sl.No | Staff Name           | Designation |
|-------|----------------------|-------------|
| 1.    | Sri. B.K.Venkataraju | Principal   |

## **COMPUTER SCIENCE ENGINEERING DEPARTMENT**

|    |                 |                        |
|----|-----------------|------------------------|
| 2. | Smt. Anitha B.G | Head of the Department |
| 3. | Miss. Rashmi.D  | Lecturer               |
| 4. | Smt. Jahan Ara  | Lecturer               |
| 5. | Smt. Shobha.H.Y | Asst. Lecturer/Admin   |

## **COMMERCIAL PRACTICE DEPARTMENT**

|     |                      |          |
|-----|----------------------|----------|
| 6.  | Smt. Sowmya C.R      | Lecturer |
| 7.  | Sri. Mallikarjuna. A | Lecturer |
| 8.  | Smt. Kavitha T.S     | Lecturer |
| 9.  | Smt. Devika Iyer.V   | Lecturer |
| 10. | Smt. Asha.S          | Lecturer |

## **APPAREL DESIGN AND FABRICATION TECHNOLOGY**

|     |                               |                        |
|-----|-------------------------------|------------------------|
| 11. | Smt. Umme Salma               | Head of the Department |
| 12. | Smt. Sumithra J               | Lecturer               |
| 13. | Smt.Sowmya Krishna Priya .P.J | Lecturer               |
| 14. | Miss. Nagashree.C             | Asst. Lecturer         |
| 15. | Sri. Mallesh N                | Mechanic               |

### OFFICE & ADMINISTRATION STAFF

|     |                     |                    |
|-----|---------------------|--------------------|
| 16. | Sri. Munesh K       | Admin/Supintendent |
| 17. | Sri. Darmappa C S   | Accountant/Cashier |
| 18. | Sri. Raghu. P       | Librarian          |
| 19. | Sri. Chikkarangaiah | Office Asst.       |

### SUPPORTING STAFF

|     |                  |        |
|-----|------------------|--------|
| 21. | Smt. Sarojamma   | Helper |
| 22. | Smt. Prabhavathi | Helper |
| 23. | Smt. Lalitha     | Helper |
| 24. | Smt. Radha       | Helper |

## **TEACHING STAFF**



## **NON-TEACHING STAFF/OFFICE**



**DISTINCTION/CLASS TOPPERS OF ODD AND EVEN SEMESTER**  
**BOARD EXAM 2024-25**

**CLASS TOPPERS ODD & EVEN SEM 2024-25**



| Computer Science    |                     |            |
|---------------------|---------------------|------------|
| Sl.No               | Name                | Semester   |
| 1                   | Tarang V Bapardekar | I Sem      |
| 2                   | Misba Fathima       | III Sem    |
| 3                   | Sandeep Gounder     | V Sem      |
| 4                   | Nandu.S             | II Sem     |
| 5                   | Ancy Mol            | IV Sem     |
| 6                   | Biki Gomango        | VI Sem     |
| Commercial Practice |                     |            |
| 1                   | Pooja.T             | I Sem      |
| 2                   | Meghana.R           | III Sem    |
| 3                   | Pooja.T             | II Sem     |
| 4                   | Mohith.N            | V & IV Sem |
| 5                   | Amrutha S V         | VI Sem     |
| ADFT                |                     |            |
| 1                   | Inchara.K.V         | I Sem      |
| 2                   | Ankitha Vajramuni   | III Sem    |
| 3                   | M.Vinutha           | II Sem     |
| 4                   | Madhumitha.M        | IV & V Sem |
| 5                   | Hitha N Gowda       | VI Sem     |

## DISTINCTION HOLDERS 2024-25



| SL.NO | NAMES               | SEM         | SL.NO | NAMES                 | SEM       |
|-------|---------------------|-------------|-------|-----------------------|-----------|
| 1     | Tarang V Bapardekar | I CS        | 36    | Sandeep Gounder       | IV & V CS |
| 2     | Yuvashree S         | I CS        | 37    | Krupa M               | IV & V CS |
| 3     | Niharika S          | I CS        | 38    | Keerthi.R             | IV & V CS |
| 4     | Sharmila R          | I CS        | 39    | Pandigunta Rakesh     | IV & V CS |
| 5     | G Ajay              | I CS        | 40    | Neha G                | IV & V CS |
| 6     | Roopashree H        | I CS        | 41    | Ancy Mol.M            | IV & V CS |
| 7     | Manasa M            | I CS        | 42    | Aishwarya R S         | IV & V CS |
| 8     | Likhitha H A        | I CS        | 43    | Deekshith B           | IV & V CS |
| 9     | Md Tahir Hussain    | I CS        | 44    | Deekshitha U          | IV & V CS |
| 10    | Chandan Kumar Pal   | I CS        | 45    | Gayathri E            | IV & V CS |
| 11    | Abhishek            | I CS        | 46    | Priyanka M            | IV & V CS |
| 12    | E Vedha Sree        | I CS        | 47    | Sharath J             | IV & V CS |
| 13    | Harsh K Pachapur    | I CS        | 48    | Yashwanth G C         | IV & V CS |
| 14    | Bhoomika N          | I CS        | 49    | Akshay P              | V CS      |
| 15    | Prajval Kumar R     | I CS        | 50    | Anusri Sharma         | IV & V CS |
| 16    | Chittaranjan V N    | I CS        | 51    | S.Jhansi              | IV CS     |
| 17    | Akshay N            | I CS        | 52    | Sujith Kumar          | IV CS     |
| 18    | Abdul Rehman        | II & III CS | 53    | Rakshitha M           | II CS     |
| 19    | Akashi Amod         | II & III CS | 54    | Likitha S             | II CS     |
| 20    | Azlan Sharieff      | II & III CS | 55    | Pooja R               | II CS     |
| 21    | Jamsheed K          | II & III CS | 56    | Hemanth C             | II CS     |
| 22    | Jaya Raj N          | II & III CS | 57    | Aamna Zubia Shariff A | VI CS     |
| 23    | Khatri Abid Anwar   | II & III CS | 58    | Abilash S             | VI CS     |
| 24    | Kishore M           | II & III CS | 59    | Aravind kumar S       | VI CS     |
| 25    | Misba Fathima       | II & III CS | 60    | Ayesha Shoukath S     | VI CS     |
| 26    | Muskan M            | II & III CS | 61    | Bhaves N              | VI CS     |
| 27    | N Vishnu Vardhan    | II & III CS | 62    | Bhavya P              | VI CS     |
| 28    | Nandu S             | II & III CS | 63    | Biki Gomango          | VI CS     |
| 29    | Rani S              | II & III CS | 64    | Chandana E.R          | VI CS     |
| 30    | Rohini N            | II & III CS | 65    | Dhanush S             | VI CS     |
| 31    | Sanjana A           | II & III CS | 66    | Krupa C               | VI CS     |
| 32    | Shashikala M        | II & III CS | 67    | Mahantesh             | VI CS     |
| 33    | Sushma G            | II & III CS | 68    | Manoj T               | VI CS     |
| 34    | Syed Owais          | III CS      | 69    | Navya R               | VI CS     |
| 35    | Vignesh R           | II & III CS | 70    | Prakash Chander       | VI CS     |

| SL.NO | NAMES               | SEM       | SL.NO | NAMES              | SEM      |
|-------|---------------------|-----------|-------|--------------------|----------|
| 71    | Pratik Manoj Karale | VI CS     | 98    | Varshitha R        | III ADFT |
| 72    | Sainath M           | VI CS     | 99    | Ishika Prajapath S | V ADFT   |
| 73    | Saraswathi R        | VI CS     | 100   | Poorvi A Jadav     | V ADFT   |
| 74    | Saurabh Gaur        | VI CS     | 101   | Madhumitha M       | V ADFT   |
| 75    | Usha M              | VI CS     | 102   | Ramyashree         | VADFT    |
| 76    | Prajwal Chaubey     | I CP      | 103   | Bhoomika K         | V ADFT   |
| 77    | Rakesh DM           | I CP      | 104   | Manasa A           | V ADFT   |
| 78    | Pooja T             | I CP      | 105   | Pavan N.V          | V ADFT   |
| 79    | Sandhya V           | I CP      | 106   | Charvi G Prasad    | VI ADFT  |
| 80    | Sudheer             | I CP      | 107   | Chandana P         | VI ADFT  |
| 81    | Meghana R           | III CP    | 108   | Akshaya G          | VI ADFT  |
| 82    | Lokesh              | III CP    | 109   | Chethan P M        | VI ADFT  |
| 83    | Pooja T             | III CP    | 110   | Keerthana N        | VIADFT   |
| 84    | Mohith N            | IV & V CP | 111   | Deepthi S          | VI ADFT  |
| 85    | Arbiya Sonam C      | IV & V CP | 112   | Suchithra S        | VI ADFT  |
| 86    | Shravani            | IV & V CP | 113   | Harish M           | VI ADFT  |
| 87    | Prema S             | V CP      | 114   | Savithya M         | VI ADFT  |
| 88    | Hemalatha E         | V CP      | 115   | Bharath H.V        | VI ADFT  |
| 89    | Preran H.R          | IV CP     | 116   | Hitha N Gowda      | VI ADFT  |
| 90    | Keerthan M          | IV CP     | 117   | Inchara K.V        | I ADFT   |
| 91    | Amrutha S V         | VI CP     | 118   | Tharuni S.D        | I ADFT   |
| 92    | Lavanya             | VI CP     | 119   | Aiman Juwairiah    | I ADFT   |
| 93    | Shereen N           | VI CP     | 120   | Ramya S.N          | I ADFT   |
| 94    | Namitha Prasad      | VI CP     | 121   | Divyashre S        | I ADFT   |
| 95    | Namratha S Mohithe  | VI CP     | 122   | Dimple A.B. Naidu  | I ADFT   |
| 96    | Ankitha Vajramuni   | III ADFT  | 123   | Bhavyashree.S      | I ADFT   |
| 97    | M Vinutha           | III ADFT  | 124   | Sadhana C          | I ADFT   |

Department of Computer Science & Engineering  
I Semester



**Tarang V Bapardekar**  
92%



**Yuvasree S**  
91%



**Niharika S**  
88%



**Sharmila R**  
87%



**G Ajay**  
84%



**Roopashree H**  
84%



**Manasa M**  
84%



**Likhitha H A**  
82%



**Mohammed Tahir  
Hussain** 82%



**Chandan Kumar Pal**  
91%



**Abhishek**  
80%



**E Vedha Sree**  
80%



**Harsh K Pachapur**  
79%



**Bhoomika N**  
77%



**Prajwal Kumar R**  
76%



**Chittaranjan V N**  
76%



**Akshay N**  
76%

Department of Computer Science & Engineering  
III Semester



**Misba Fathima**  
98.89%



**Muskan M**  
97.56%



**Sushma G**  
97.33%



**Shashikala M**  
97.11%



**Jayaraj N**  
96.89%



**Nandu S**  
96.44%



**Abdul Rehman**  
95.11%



**Sanjana A**  
94.22%



**Rohini**  
94%



**N Vishnu Vardhan**  
88%



**Khatri Abid Anwar**  
87.33%



**Akashi Amod**  
87.11%



**Azlan Sharieff**  
86.89%



**Rani S**  
86.22%



**Jamsheed K**  
85.11%



**Vignesh R**  
80%



**Syed Owais**  
75.78%



**Kishore**  
74%

**Department of Computer Science & Engineering  
V Semester**



**Sandeep M**  
**97.75%**



**Krupa M**  
**97.5%**



**Pandigunta Rakesh**  
**94.75%**



**Neha G**  
**94.25%**



**Ancy Mol.M**  
**94%**



**Aishwarya R S**  
**93.75%**



**Gayathri E**  
**92.75%**



**Deekshitha U**  
**92.75%**



**Deekshith B**  
**92.75%**



**Priyanka M**  
**92.5%**



**Sharath J**  
**92%**



**Yashwanth G C**  
**88.75%**



**Akshay P**  
**87.5%**



**Anusri Sharma**  
**85%**

**Department of Commercial Practice  
V Semester**



**Mohith N**  
**89.89%**



**Arbiya Sonam.C**  
**83.8%**



**Shravani**  
**83%**  
**III Semester**



**Prema.S**  
**82.6%**



**Hemalatha.E**  
**81.8%**



**Meghana R**  
**79.8%**



**Lokesh R**  
**78.6%**



**Pooja.T**  
**76.7%**

**I Semester**



**Prajwal chaubey**  
**72.56%**



**Rakesh.D.M**  
**78.56%**



**Pooja.T**  
**84.9%**



**Sandhya.V**  
**80.1%**



**Sudheer**  
**72.50%**

**Department of Apparel Design and Fabrication Technology**  
**I Semester**



**Incharaa.K.V**  
**89%**



**Tharuni.S.D**  
**89%**



**Aiman Juwairiah**  
**86.80%**



**Ramya.S.N**  
**79%**



**Divyashree.S**  
**77.7%**



**Dimple.A.B Naidu**  
**74.20%**



**Bhavyashree.S**  
**72.10%**



**Sadhana.C**  
**72.9%**

**III Semester**



**Ankitha Vjaramuni**  
**88.70%**



**M Vinutha**  
**87.90%**  
**V Semester**



**Varshitha R**  
**87.1%**



**Ishika Prajapath S**  
**84.1%**



**Poorvi A Jadav**  
**87.1%**



**Madhumitha M**  
**87.2%**



**Ramyashree**  
**84.3%**



**Bhoomika K**  
**76.2%**



**Manasa A**  
**77.1%**



**Pavan N.V**  
**74.1%**

## Department of Computer Science & Engineering

### II Semester



**Nandu S**  
97%



**Misba Fathima**  
96%



**Muskan M**  
96%



**Abdul Rehman**  
92%



**N Vishnu Vardhan**  
90%



**Rohini N**  
90%



**Sanjana A**  
90%



**Shashikala**  
89%



**Sushma G**  
89%



**Khatri Abid Anwar**  
87%



**Rani S**  
83%



**Vignesh R**  
83%



**Jaya Raj N**  
81%



**Pavan K**  
81%



**Akashi Amod**  
80%

## Department of Computer Science & Engineering

### II Semester



**Kishore M**  
80%



**Rakshitha M**  
80%



**Likitha S**  
79%



**Pooja R**  
79%



**Hemanth C**  
78%



**Azlan Sharieff**  
77%



**Jamsheed K**  
76%



**Nandhini S L**  
72%



**Akash Joshi**  
70%



**Neha .R**  
70%

**Department of Computer Science & Engineering**  
**VI Semester**



**Biki Gamango**  
**92.2%**



**Manoj T**  
**91.9%**



**Ayesha Shoukath S**  
**91.3%**



**Aamna Zubia Shariff A**  
**90.70%**



**Prakash Chandar**  
**90.8%**



**Pratik Manoj Karale**  
**90.7%**



**Chandana E R**  
**89.6%**



**Saurabh Gaur**  
**89.6%**



**Saraswathi R**  
**89.3%**



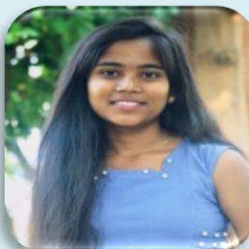
**Arvind Kumar S**  
**87.7%**



**Dhanush S**  
**86.7%**



**Krupa.C**  
**84.8%**



**Navya R**  
**84.8%**



**Sainath M**  
**82%**



**Mahantesh**  
**75.8%**



**Abhilash S**  
**70.10**



**Usha M**  
**74.8%**

**IV Semester**



**Ancy Mol**  
96%



**Deekshitha U**  
96%



**Sharath J**  
93%



**Gayathri E**  
92%



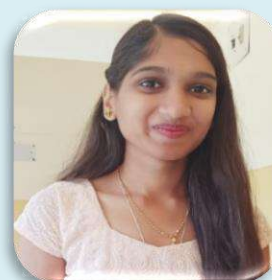
**Krupa M**  
92%



**Neha G**  
92%



**Keerthi R**  
90%



**Aishwarya R S**  
89%



**Pandigunta Rakesh**  
88%



**Priyanka M**  
88%



**Sujith Kumar**  
87%



**Deekshith B**  
79%



**Sandeep M**  
77%



**S.Jhansi**  
78%



**Yashwanth G.C**  
73%



**Anusri Sharma**  
85%

**Department of Commercial Practice  
IV Semester**



**Mohith N**  
**89.89%**



**Arbiya Sonam.C**  
**83.8%**



**Shravani**  
**83%**

**Preran.H.R**  
**79.3**

**IV Sem**

**II Sem**



**Keerthan.M**  
**72.5**



**Pooja.T**  
**73.6**

**VI Semester**



**Amrutha S V**  
**98.8%**



**Lavanya**  
**83.4%**



**Shereen N**  
**93.4%**



**Namitha Prasad**  
**79.8%**

**Namratha S Mohithe**  
**78.8%**

**Department of ADFT  
IV Semester**



**Ishika Prajapath S**  
84.4%



**Poorvi A Jadav**  
87.9%



**Madhumitha M**  
88.10%



**Ramyashree**  
84.6%  
**II Semester**



**Bhoomika K**  
76.9%



**Manasa A**  
77.9%



**Pavan N.V**  
74.3%



**M Vinutha**  
86%

**VI Semester**



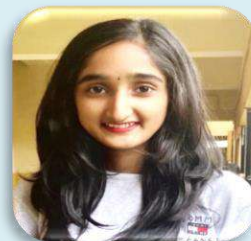
**Akshaya G**  
84.2%



**Bharath H.V**  
73%



**Chandana P**  
84.5%



**Charvi G Prasad**  
88.9



**Chethan P.M**  
82.9%



**Deepthi S**  
75%



**Harish M**  
72.4%



**Hitha N Gowda**  
89.2%



**Keerthana N**  
80.3%



**Savithya.M**  
72.2%



**Suchitra S**  
78.2%

## Distinction Holders



## SCHOLARSHIP

Scholarship Awards given by the Management for the Meritorious students on 8-11-2024



## ADD ON CERTIFICATE COURSE

### Department of Computer Science

Add on Certificate on Motion Graphics conducted for I Sem CS @Arena animation center, VET Campus from 18-09-2024 to 28-09-2024.



Online webinar on Framer tools by Elewayte held on 23/7/2024. Framer is a powerful tool that allows you to build entire websites without writing any code. The freeform canvas in Framer allows you to express your creative ideas freely, as it does not impose any constraints on pre-set layouts or box models, thus giving you the flexibility to design in the way you want.



## **Department of Commercial practice**

Add on certificate course for CP Banking by Mr. Sashikumar, trainer, Sambhav Foundation in the month of January 2025.



# **INDUSTRIAL VISIT**

## **Department of Computer Science**

Final Year CS Students visited J.P.Morgan Pvt Ltd on 13/09/2024. Students are exposed to see real life working of industries. It aims to provide the practical know-how of an industry work. Students get an opportunity to visit industry manufacturing units and will understand the application of the knowledge in global scenario.



## **Department of Commercial Practice**

Industrial Visit on 13th September 2024.. to KMF, Mandya... by students of 3rd sem and 5th sem commercial practice.



## **Department of ADFT**

Cottage industry visit for the IV sem ADFT students on 24-02-2025 @Weavers service center- Bangalore



## WORKSHOPS & SEMINARS

### Department of Computer Science

Seminar on Full stack development for V Sem CS Students conducted on 19-10-2024.



Seminar on Robotics conducted for CS students on 09-08-2024. The Robotics seminar was conducted by Mr. Saurab of "Robomanthan Pvt Ltd". The seminar was about the robotic technology and live robot model demonstration.



Soft skill sessions & Youth skilling program conducted for 4th Sem CS students in AV room by Nirmaan Organisation on 19-02-2025.



IBM Skills seminar held on 10-03-2025 for 2nd and 4th Sem CS students.



## **Department of Apparel Design & Fabrication Technology**

A two days Fevicryl workshop was conducted for I sem ADFT students on 9th and 10th September 2024.



Two days workshop on Traditional painting for IV sem ADFT students on 14-02-2025 & 15-02-2025



Students of the ADFT department attended a one day workshop on Fashion Illustration at Vidya Fashion Academy on 01-02-2025



### **Department of Commercial practice**

Corporate visit and one day workshop conducted by J.P. Morgan Chase &Co on 2<sup>nd</sup> sept 2024 for CP students to understand the concepts of communications skills required in corporate sector.



## General

Cybercrime awareness, Anti ragging, eve teasing seminar for all students on 31-07-2024



Seminar on Mental health initiative session by Ada hafeez Empower Indiranagar held on 12th August 2024



8th State Level Seminar by Vishwa Manava Yuva Vedike on topic "Transformation for the Nation" on 14th August 2024.



Counselling session was conducted on 25th February 2025 by Inspiron, a total of 45 students participated in this session.



Computer Science students along with faculty Rashmi.D L/CS visited the Science Exhibition held at National College Basavanagudi on 3rd January 2025.



## Parents Teachers Meeting

Periodical Parent Teachers Meeting: Parent Teachers meeting was conducted as a part of curriculum regarding the progress of their ward.



# Inter college Competition

## Department of Apparel Design and Fabrication Technology

Students of the ADFT department participated Intercollegiate cultural event and fashion show at Ramaiah Institute of Management on 04-02-25 & 05-02-25.



ADFT students won prize in Mehendi and Indo-Western-themed fashion show at Intercollegiate Cultural Events held at the Community Institute of Management Studies, Jayangar on March 28.03. 2025.



## Literary Activities -2025



## Cultural Programmes/ Talents Day-2025

Talents' day is a good opportunity for the students to hunt for their unique potentialities and to display them. The day was celebrated on 2nd February 2025 where the students showcased their talents.



## State Level Paper Presentation-2025

Technical paper presentation on recent trends in emerging areas was organized on 06-02-25 for polytechnic and engineering students of Bangalore to present their ideas on emerging fields of technology. 90 students from 28 institutions presented their ideas.



## VET Technova - 2025

VET Technova Project Exhibition 2024-25 was organised on 6-3-2025. Technova-25, a platform for the students to exhibit their innovative idea by using their talent and skill acquired in making live technical projects was conducted on 06-03-2025. Sixteen projects from 3 departments are presented by student. Students from high schools, VET institutions are invited to the function.

### Department of Computer Science

- **Smart RFID based attendance system:** This project is based on automatic RFID attendance system as you can just tap a chipset and register your attendance. It can be used for taking attendance in any colleges or school also can be used in office, companies, gym's etc. It is also used for scanning purpose, Node module for registering and transferring the data or information, Buzzer for sound detection and bread board with jump wires for connection with a power source. **Team Members: Akash Joshi.D, Khatri Abid Anwar, Nandu.S, Abdul Rehman.**



- **Radar (Object detector):** This project is based on object detector, in case if the captain cannot see obstacles in front of the boat from the cabin the Radar helps to detects in which makes the captain easy to sails the boat and it avoids accidents or crashes and it is easily to build and operate. It works as a virtual scanner it detects the object within a radius of  $180^{\circ}$  and range of 40 cm. The green lines represent that path is clear red lines are marks that this is obstacle is specific range the components used to build this mechanism are Aurdnio UNO, Servo Motors, Ultrasonic Sensor, Bread board, Jump wires. **Team members are N. Vishnuvardhan, Sanjana A, Akashi Amod, Likitha S.**



- **Fire Fighter:** The project is based on automatic sensing fire and pump the water to reduce the fire. It will sense by flame sensor. In this project we used Aurdino nano, motor, battery, water pump etc. It is useful in Restaurant, Kitchen. Where we can,t go some war place. We can make it any way like car tractor etc so that it can easily more around 360<sup>0</sup> and reduce fire extinguish while making model we have fixed water tank so it will pump water and make easy to save from fire. **Team members Rani.s, Rohini.N, Kavya, Misba Fathima.**



- **Ultrasonic sensor for third eye for blind person and smart home electricity:** Third eye for blind person is very useful model for the blind person it will detect the obstacles and gives buzzer sound. It is useful to cross the road and lifesaving project and smart home electricity Smart lighting allows you to control multiple lighting functions from a single device, such as a smartphone, tablet, computer, or even your voice. **Team members Gayathri E, Ancy mol, Jhansi**



#### Department of ADFT

- **Nights Nova:** A nova in astronomy is a dramatic brightening of the night sky that eventually returns to its initial brightness. The explosion on the star that changes its color shade, Inspiration by Gem stones such as Alexandrite, Bronze, Opal, Aurnight We employed a variety of materials, including satin, tissue, net, holographic, and lace beads. Since the designs are distinct, they won't conflict. We have embraced several styles, such as the hip cowl shape and the "C" cut skirts. The sleeves' patterns, which are in the draping method, differ from one another and make appearance look stunning. **Team members: Pavan N.V, Ramyashree, Madumitha M, Ishika Prajapath S, Manasa A**



- The Tourmaline:** The semi-precious crystal stone tourmaline exhibits a variety of colors. The tourmaline types that we have selected include chrome tourmaline, rubellite (red), indicolite (blue), and schorl (black). Using satin, net fabric, velvet, tissue fabric, and holographic sheet, the gowns were created from the ground up. Asymmetric, sweetheart, and halter necks were among the various neck styles featured in the high-low gown design. The garment was embellished with various kinds of beads to improve its appearance. **Team Members: Poorvi A Jadav, Yashaswini R, Harshini.L, Bhoomika.K.**



- Dream zone** -This garment is made of using denim and holographic fabric which gives impressive look which is embellished with jewellery, white pearls, here props were used such as balloons, mild lights and candles. Which highlight the display and this upholds dreamy effect. **Project member: Ramyashree.**



- **Cocktail-** The costume is designed using denim fabric with criss-cross pattern strip on neck, with a knee-length straight cut top embellished with buttons that makes more elegant.

**Project Member: Yashaswini. R**



- **Sports:** Garment is designed using denim fabric. It is typically associated with casual wear, sports wear particularly in the context of athleisure and street wear, which offers a distinctive fusion of comfort and style. Its adaptability enables it to be dressed in a variety of ways and its durability makes it appropriate for active wear. It is embellished with pins and the costume is designed using fabric paints. **Project Member: Poorvi A. Jadav**



- **DENIM VOLTRON** - This garment is made out of denim fabric it is a 2 piece outfit, that has a sleeveless top and knee length skirt embellished with buttons and sequins. Here props used are hardware mechanics which makes more impressive. **Project Member: Bhoomika.**



- **RUF AND TUF:** This garment is done using denim fabric with criss-cross pattern at the top and a circular skirt to match the top. The criss-cross top is highlighted with frayed pieces of denim to enhance its look. Project Member: Harshini.L
- **K-pop style:** The garment is inspired by Korean k-pop style. It is a simple tubular denim dress with rail stones embellishments paired with white turtleneck, full arm ribbed t-shirt. Project Member: Manasa



- **Winter Grace:** The costume is designed using denim fabric, constructed with top, skirt and jacket with fur, Embroidered on jacket and skirt at the bottom. Project Member: Pavan N.V



### Department of Commercial Practice

This model is about the structure of GST, which explains the 4 tier tax structure in GST consists of tax slabs at 5%, 12%, 18%, 28%. This aims to ensure uniformity in taxation while catering to the diverse needs of different sectors and segments. **This model is prepared by Lokesh.R., Chethan.S, and Charan.M.K. IV Sem**



This model is about Commerce city. It includes the exchange of goods and services which consists of malls, schools, or other things of value between companies or organizations. **This model is prepared by Meghana.R., Deeksha.M. Madhu.S. IV Sem**



This model is about Levels of Management, in a typical organisation structure management levels are broadly categorised as top level middle level and lower level each with distinct responsibilities and decision making. **This model is prepared by Pooja.T, Mahadevi.G. IV Sem**



This model is about Assets and Liabilities, in other words assets are what company owns, like cash, property and equipments while liabilities are what company owes like loans, and accounts payable. **This is prepared by Shashikala.S, Keerthana.S IV Sem.**



This model is about Consumer Rights, it is the legal rights that protect consumers from unfair trade practices and business miscreants this model consists of various types of consumer rights. **This is model is prepared by Rakesh.D.M., Prajwal Chaubey.B.U, Sudheer.G. Narayana.G. I Sem**



This Model is about Sectors of Indian Economy, sectors of Indian economy is categorized into three key sectors Primary, Secondary and tertiary services this explains in detail about the different sectors of Indian economy. **This is model prepared by Pooja.T., Aishwarya.U., Sandhya.V. I sem**



This Model about Income Tax , it explains about the various taxes, and tax rates on House property, Income from salary, Income from business or profession, Income from capital gains and income from other sources. **This model prepared by Mohith.N. Prema.S., Dhanush B.M., Keerthan.M, Arbiya Sonam.C., Pavani Yadav.K**



## **ENGINEERING FAIR 2025** **STATE LEVEL PROJECT COMPETITION**

Second & Final year CS students participated in State Level Project & Paper Presentation Competition held @Visvesvaraya Technological Museum organised by Government of Karnataka from 18th to 20th March.

Final year students Gayathri.E & Ancy Mol.M won Third prize for the Project & Paper presentation (Basic Home Security system using ESP32 CAM)



# Induction/Orientation Programme

VET BVL Polytechnic organized Induction/orientation programme for newly admitted students and their parents for the academic year 2024-25 was conducted between 24th June 2024 to 6th July 2024 for First Year Diploma Students.



## AYUDHA POOJA

Ayudha Pooja was celebrated on 10/10/2024. On this special day all the laboratories & office were adorned with plantain leaves, mango leaves & flowers and Pooja was performed. The active participation of all staff members & the students made the event a grand success.



## EXCURSION

A one day excursion for ADFT students was organised on 25th Feb 2025 to Wonder la Amusement park.



## NSS HUB ACTIVITIES

NSS wing and its related social activities have been conducted every year and NSS volunteers have been actively participating in various activities this academic year also with the guidance of NSS Co ordinator Smt. Kavitha K Lect/CP and the hard working NSS team.

### Glimpses of NSS activities:



**Independence Day**



**Clean Campus Drive**



**Mental Health**



**National Unity Day**



**Youth day**



**Library day**



**Townhall**



**Counselling session**

## Farewell 2024-25

“As you step into your future, remember that every ending is a new beginning. Embrace it with courage.”

Oath was taken by all the final year students, and symbolic Jyothi Dhan was lighted by the Principal, and advised the students to prepare for challenges and to nurture them to build Strong foundation for next level.



## **SPORTS DAY**

As the part of the curriculum calendar sports day was conducted, students participated with zeal & enthusiasm in various tracks and Team Events.



**Running Race**



**Running Race**



**Throw Ball**



**Kabbadi**



**Kho-Kho**



**Volley Ball**

# ARTICALS

## Cyber security: Protecting the Digital World

In today's increasingly connected world, where technology is at the heart of everything we do, cyber security has never been more critical. Whether we are shopping online, accessing sensitive information, or simply browsing the web, the risk of cyber threats is always present. For Computer Science (CS) students and tech enthusiasts, understanding the fundamentals of cyber security is not just a necessary skill—it's an essential part of keeping the digital world safe.

### Why Cyber security Matters



Cyber security refers to the practice of protecting systems, networks, and data from digital attacks, theft, and damage. As we rely more on technology for daily tasks, cyber criminals are finding new ways to exploit vulnerabilities. From phishing attacks to ransom ware, hackers constantly evolve their tactics, making the need for robust cyber security practices ever more pressing.

For CS students, cyber security is particularly important because the very systems and applications they build and maintain are potential targets. A single vulnerability in the code could lead to disastrous consequences, from financial loss to compromised personal data.

Moreover, the demand for cyber security professionals is skyrocketing, with job opportunities growing rapidly in fields like ethical hacking, security analysis, and information assurance.

### Types of Cyber Threats

The scope of cyber security threats is vast, but here are some of the most common types that every CS student should be aware of:

1. **Phishing Attacks:** Phishing is one of the most common and dangerous forms of cyber attack. It involves tricking individuals into revealing sensitive information, like passwords or credit card numbers, by pretending to be a trust worthy entity (e.g., bank or Tech Company). Phishing often takes the form of emails, texts, or phone calls.
2. **Ransom ware:** Ransom ware is malicious software that locks a victim's data and demands a ransom payment in exchange for releasing it. This type of attack can cripple both individuals and large organizations, leading to substantial financial and reputational damage.

3. **Malware:** Malware (short for malicious software) includes viruses, worms, and spyware designed to damage or steal data from computers and networks. These attacks can lead to system crashes, data breaches, and loss of valuable information.
4. **Distributed Denial of Service (DDoS):** A DDoS attack involves overwhelming a network or website with excessive traffic, making it inaccessible to users. This type of attack can disrupt services for hours or even days.
5. **Man-in-the-Middle (MitM) Attacks:** In this type of attack, hackers intercept and manipulate communication between two parties' without them knowing. This allows attackers to steal sensitive data like login credentials or financial information.

## Key Cyber security Principles

To effectively defend against these threats, cyber security professionals follow several key principles. These principles help ensure that systems are secure, even in the face of growing cyber threats.

1. **Confidentiality:** Ensuring that sensitive data is only accessible to those who have permission to view it. Encryption is one of the most common methods used to protect confidentiality.
2. **Integrity:** Maintaining the accuracy and reliability of data. Attackers' might alter or corrupt data, so it's important to verify data integrity regularly to ensure that the information hasn't been tampered with.
3. **Availability:** Ensuring that systems and data are accessible when needed. This is critical for preventing downtime due to attacks like DDoS, which aim to disrupt access to services.
4. **Authentication:** Verifying the identity of users, devices, or systems before granting access. Multi-factor authentication (MFA) is a powerful method of securing systems by requiring multiple forms of verification.
5. **Non-repudiation:** Ensuring that a user cannot deny having performed a particular action. This is often achieved by maintaining detailed logs of user activity.

## Tools and Techniques for Cyber security

The landscape of cyber security is vast, and as a CS student, you'll want to familiarize yourself with various tools and techniques to safeguard systems and networks. Here are some essential tools and techniques used in the field:

- **Firewalls:** These act as barriers between trusted internal networks and untrusted external networks (like the internet). Firewalls monitor and filter incoming and outgoing traffic based on predetermined security rules.
- **Antivirus Software:** Antivirus programs help detect, prevent, and remove malware and other malicious software from computers and networks.

- **Encryption:** Encryption converts data into a secure format that can only be read or decrypted by authorized users. It's crucial for protecting sensitive data during storage and transmission.
- **Intrusion Detection and Prevention Systems (IDPS):** These systems monitor networks and systems for signs of malicious activity and take action to prevent intrusions or alert security teams to potential threats.
- **Penetration Testing:** Also known as ethical hacking, penetration testing involves simulating cyber attacks to identify vulnerabilities in systems. CS students can learn to perform these tests to assess the security of their applications.

## The Future of Cyber security

As we move deeper into the digital age, the role of cyber security will only grow more important. With the rise of technologies like 5G, the Internet of Things (IoT), and artificial intelligence, new threats will continue to emerge. Cyber security professionals must stay ahead of the curve, constantly adapting to new challenges and innovations.

For CS students, the demand for cyber security expertise is high, and with the right skills and knowledge, a career in this field can be both rewarding and impactful. The ability to protect the digital world from malicious forces not only helps organizations and governments but also contributes to a safer and more secure online experience for everyone.

## Conclusion

Cyber security is a critical pillar of the digital world, and as a CS student, mastering its principles is essential for building secure, resilient systems. By understanding the various types of cyber threats, familiarizing yourself with the key tools and techniques, and staying current on industry trends, you can help protect valuable data and contribute to the safety of the digital ecosystem.

The future of cyber security is bright, and it offers countless opportunities for those ready to defend against the ever-evolving threats that come with our increasingly interconnected world.

**Chandan Kumar Pal**  
II Sem CS

## THE WAY TIME MOVES

I used to think days lasted forever,  
long summers stretching like golden thread.  
Mornings were slow, afternoons endless,  
and I never counted the minutes in bed.

But now the clock ticks a little louder,  
and years slip past like shifting sand.  
Friends move away, voices grow distant,  
plans unravel we once had planned.

I see my face in an old photograph,  
a younger me, wide-eyed and free.  
I wonder if they'd recognize me now—  
or if I've become who I'm meant to be.

Time doesn't stop to catch its breath,  
it doesn't wait for us to be ready.  
So I hold on tight to what I can,  
soft hands, warm laughs, love made steady.

**Incharaa KV**  
**II sem ADFT**





