Bapuji Educational Association ®

Bapuji Institute of Engineering and Technology

Davangere

TECHNO WAVE 42

2023 – 24

VISION

To be a centre of excellence recognized nationally and internationally, in distinctive areas of engineering education and research, based on a culture of innovation and invention

MISSION

BIET contributes to the growth and development of its students by imparting a broad based engineering education and empowering them to be successful in their chosen field by inculcating in them positive approach, leadership qualities and ethical values
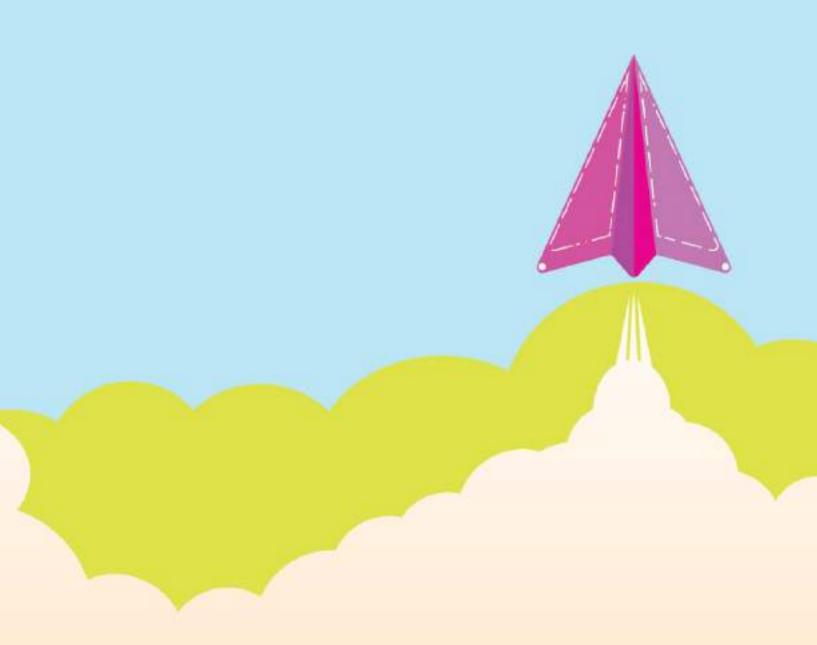
❖	Bapuji Educational Association	❖	S.P.S.S. P U Science College
❖	J.J.M. Medical College	❖	B.E.A. College of Education (B.Ed)
❖	S.S. Institute of Medical Sciences & Research	❖	Bapuji College of Physical Education (B.P.Ed)
❖	Bapuji Dental College & Hospital	❖	B.E.A. High School - (EM & KM) P.J. Extn.
❖	College of Dental Sciences	❖	B.E.A. Central Higher Primary School - (EM & KM)
❖	Bapuji Hospital	❖	B.E.A. High School - (EM) S N Layout
❖	Bapuji Child Health Institute & Research Centre	❖	Bapuji Higher Primary School - (CBSE)
❖	Bapuji College of Nursing	❖	Bapuji High School - (Kunebelkere)
❖	Bapuji School of Nursing	❖	S.P.S.S. Residential School - (Tholahunise)
❖	S.S. Institute of Nursing Sciences	❖	S.P.S.S. Junior College - (Tholahunise)
❖	Bapuji Pharmacy College	❖	S.H.S.S. Nursery Primary School - (Harihar)
❖	S.T.J. Rural Hospital (Channagiri)	❖	S.H.S.S. High School - (Harihar)
❖	Bapuji Institute of Engineering & Technology	❖	J.J.M. Medical College Boys Hostel
❖	B.I.E.T. & Management Studies (M.B.A.)	❖	J.J.M.C. Hostel for Women Sharavathi
❖	Bapuji Institute of Hi- Tech Education	❖	Smt. Rathnamma Hostel for Women
❖	Bapuji Polytechnic	❖	Bapuji Hostel for Women
❖	Bapuji Academy of Management & Research	❖	Bapuji Dental College Hostel
❖	D.R.M. Science College (Degree)	❖	B.I.E.T. Campus Hostel
❖	D.R.M. Pre University College	❖	Kaveri Women's Hostel
❖	D.R.M. Science College (Non-Grant)	❖	Hemavathi Ladies Hostel
❖	A.R.G. College of Arts & Commerce (Degree)	❖	Nethravathi Ladies Hostel
❖	A.R.G. P.G. Centre	❖	Vedavathi Ladies Hostel
❖	A.R.G. Pre-University College	❖	Bapuji School of Nursing Hostel for Girls
❖	A.R.G. College of Arts & Commerce (Non-Grant)	❖	Dr. S.S.D.J. Ladies Hostel (Amrutha)
❖	R.L. Law College	❖	Ganga - Bapuji Nursing College Hostel for Girls
❖	A.V.K. College for Women (Degree)	❖	Bapuji International Hostel
❖	A.V.K. Pre-University College	❖	Bapuji B - Schools Executive Hostel
❖	A.V.K. College (BBM)	❖	Bapuji Sabhangana
❖	M.S.B. Arts & Commerce College	❖	Dr. SSNPS School

Messages

- Thaawarchand Gehlot, Governor of Karnataka

- Dr. M.C. Sudhakar, Minister for Higher Education

- Dr. Shamanur Shivashankarappa, Hon. Secretary, BEA, Davangere

- Sri. S. S. Mallikarjun, Hon. Joint Secretary, BEA

- Sri Rajanahalli Ramanand, President, BEA, Davangere

- Dr. Prabha Mallikarjun, Governing Council Member, BEA, Davangere

No. GS 232 MSG 2024

MESSAGE

I am happy to know that, **Bapuji Institute of Engineering and Technology, Davanagere** is bringing out Annual Magazine, which documents the academic and other achievements and also provides a medium for creative expression and artistic talent of students & staff.

I send my best wishes and Warm greetings to the Management, Staff and Souvenir team and wish a great success in its future endeavours.

(Thaawarchand Gehlot)

ಡಾ. ಎಂ.ಸಿ.ಸುಧಾಕರ್, ಎಂ.ಡಿ.ಎಸ್.

Dr. M.C. SUDHAKAR, M.D.S.

MESSAGE

It with great pleasure that I extend my warmest greetings to the entire BIET family through your esteemed college magazine, Technowave.

In this rapidly evolving world. the value of education and lifelong learning cannot be overstated. Your dedication to academic excellence and your efforts in pushing the boundaries of knowledge inspire us all. As you continue to explore new frontiers and achieve remarkable milestones, remember that education is a journey that extends beyond the classroom, shaping not only your career but also your character and outlook on life.

As the Higher Education Minister of Karnataka, I am particularly impressed by your dedication to creating industry-ready graduates through innovative activities such as paper presentations, quiz Competitions, and project exhibitions. These initiatives not only enhance academic knowledge but also prepare students to excel in real world scenarios, bridging the gap between education and industry demands.

I commend the efforts of everyone involved in making Technowave a success and encourage you to continue nurturing the spirit of curiosity and lifelong learning. Your dedication to education and excellence will undoubtedly pave the way for a brighter future, not only for the students of BIET but for the entire State of Karnataka.

May Technowave continue to inspire, motivate and celebrate the achievements of the BIET community.

(Dr. M.C. SUDHAKAR)

Message

ಡಾ. ಶಾಮನೂರು ಶಿವಶಂಕರಪ್ಪ
ಮಾಜಿ ಸಚಿವರು ಮತ್ತು ಶಾಸಕರು
ದಾವಣಗೆರೆ ದಕ್ಷಿಣ ವಿಧಾನಸಭಾ ಕ್ಷೇತ್ರ, ದಾವಣಗೆರೆ

Dr. Shamanur Shivashankarappa
Hon. Secretary, BEA,
Ex. Minister & MLA,
Davangere South Constituency
Davangere

"Techno Wave celebrates the spirit of and academic excellence, inspiring us to push the boundaries of knowledge and shape a brighter future:."

I am delighted to extend my warmest greetings to each of you as we come together to celebrate another edition of Technowave. Since its inception, Bapuji Institute of Engineering and Technology (BIET) has been committed to fostering a culture of excellence in technical education.

Technowave, our esteemed college magazine, stands a testament to the creative, intellect, and unwavering spirit of our BIET community. In the dynamic landscape of education and industry, it is imperative to embrace innovation academic rigor, and a collaborative spirit.

Technowave not only showcases our academic prowess through articles, research papers, poetry, and artwork but also embodies our collective journey towards knowledge and discovery.

Wishing all Contributors a rewarding experience with Technowave. May it inspire us to push boundaries explore new horizons, and shape a brighter future.

(Dr. Shamanur Shivashankarappa)

Sri. S.S. Mallikarjun
Hon. Joint Secretary, BEA
Minister for Mines & Geology, Horticulture
and Davanagere District Incharge Minister

Room No. 305-305A
3rd Floor, Vidhana Soudha
Bengaluru - 560 001
Ph : 080-22255023 / 2203 3564
E-mail : mghminister@gmail.com

Message

It gives me great pleasure to witness the continuous evolution and achievements showcased in this edition of Technowave.

Our college magazine not only highlights academic but also celebrates the spirit of innovation and community engagement. It serves as a platform for students to express their creativity through articles, research papers, poetry, and artwork, reflecting our commitment to holistic education.

As we navigate through challenges and opportunities, let us uphold the values of integrity, Perseverance and innovation that define BIET. Together, let's inspire and empower each other to strive for excellence and make meaningful contributions to society.

"Empowering minds through education is the cornerstone of a progressive society. Let us inspire and innovate to build a brighter for all."

To our contributors, your dedication and passion shine through in every piece you create, reflecting BIETs commitment to nurturing future leaders, let us uphold integrity, perseverance, and innovation as we forge a path towards a brighter together.

May Technowave continue to be a beacon of inspiration, knowledge Sharing and community engagment.

(Sri. S.S. Mallikarjun)

Sri Rajanahalli Ramanand
President,
Bapuji Educational Association
Davangere

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P.j. Extension, Davanagere-577 002.
Karnataka - INDIA
Ph : 08192-254050
Mob : 98440 63750
E-mail : r.ramanand@yahoo.com

Message

Welcome to the new academic year at Bapuji Institute of Engineering and Technology. As we embark on another exciting year of learning, growth and discovery. As we reflect on the past Year I am proud of the many accomplishments and milestones achieved by our college Community. Looking ahead, we remain committed to providing a transformative educational experience that prepares our graduates for success in an ever-changing world. As we move forward , I Invite all members of our college community to stay engaged, get involved, and help shape the future. I extend heartfelt gratitude to our dedicated faculty and staff for their timeless efforts in educating and supporting our students.

(Sri R. Ramanand)

ಡಾ. ಪ್ರಭಾ ಮಲ್ಲಿಕಾರ್ಜುನ
Dr. Prabha Mallikarjun
Member of Parliament (Loksabha)
Davangere Constituency
Karnataka

No. MP/KAR/DEVG-131/250/2024

Date : 10-10-2024

MESSAGE

"Great dreams of great dreamers are always transcended."

\- Dr. APJ Abdul Kalam

Dear BIET Students,

As you embark on your journey as the architects of the future, remember that your knowledge and dreams are vital for technological advancement and sustainable development.

The annual magazine "Technowave" celebrates your talents and achievements, showcasing the remarkable progress driven by your enthusiasm and innovative spirit.

The responsibility to elevate India as a leader lies you. Congratulations to all staff and students for your contributions to this magazine. Best wishes for your future Endeavours.

Prabha Mallikarjun

(Smt. Dr. Prabha Mallikarjun)
Member of Parliament
Davangere Lok Sabha Constituency
Govt. of India
Governing Council Member
Bapuji Educational Association,
Life Trustee, S S Care Trust

DIRECTOR'S DESK

Prof. Y Vrushabhendrappa
Director, BIET

Dear Students, Faculty and Alumni,

As we continue on our journey of academic excellence, I am delighted to introduce this latest edition of our college magazine. This publication showcases the vibrant campus life, outstanding achievements, and inspiring stories of our community. I am proud of the progress we.ve made, and I appreciate the hard work, dedication, and teamwork that have made our institution a hub of innovation and learning. This magazine reflects our commitment to fostering creativity, critical thinking, and social responsibility.

Today's buzz word is internship. More emphasis is given in an institute for skill enhancement and internship which provides an opportunity for better employment. It showcases the diverse talents, interests and accomplishments that make our institution shine. I encourage you to stay connected, share your stories, and inspire one another. Together, we will continue to shape the future of education and empower the next generation of leaders.

Best regards,

(Prof. Y Vrushabhendrappa)
Director, BIET

PRINCIPAL'S DESK

Since 1979, Bapuji Institute of Engineering and Technology (BIET) has been committed to delivering exceptional technical education. Our focus on outcome-based learning and strong industry connections ensures our graduates are well-prepared for the professional world.

I am proud to share that under my leadership, BIET has achieved both NBA and NAAC accreditations with an 'A' Grade, reflecting our dedication to educational excellence. We have fostered a culture of innovation and research, leading to numerous faculty awards and increased engagement. Our progress towards autonomy, supported by strategic promotions and salary increases, has further motivated our dedicated staff.

Our magazine, "Technowave" exemplifies our commitment to creativity, knowledge and talent, serving as a vibrant platform for showcasing the spirit of innovation and academic excellence within our community.

Additionally, we have established the Skill Development Centre and enhanced inudstry, institute interactions, reflecting our focus on providing top-notch resources. The recent acquisition of advanced equipment, inclduing five-axis and three-axis machines from DMG MORI, and the construction of a new, beautiful canteen, highlight our ongoing investment in infrastructure and resources.

As we continue to evolve, I am proud of our achievements and excited about our future successes. Let's strive for excellence together.

(Dr. H.B. Aravind)
Principal
BIET

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(ವಿಟಿಯು ಅಧಿನಿಯಮ ೧೯೯೪ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
"Jnana Sangama" Belagavi-590018,

Prof. B.E. Rangaswamy, Ph.D.
Registrar

Phone : (0831) 2498100
Fax : (0831) 2405467

It is indeed a matter of pride and joy to know that Bapuji Institute of Engineering and Technology, Davangere is bringing out a college magazine **"TECHNOWAVE-42"** on the occasion of college day celebration.

Magazine serves as a testament to the creativity, intellect, and spirit of our vibrant college community. Through its pages, we witness the diverse talents and achievements of students, faculty and staff, reflecting the essence of institution's ethos.

May this edition of the magazine be a beacon of inspiration, illuminating the path of knowledge and enlightenment for all who engage with its contents. May each article, artwork and contribution spark curiosity, foster learning and ignite a sense of pride in the journey of academic excellence.

I would like to congratulate the students and the staff of the editorial committee for their efforts in bringing out this magazine and wish all the other students of Bapuji Institute of Engineering and Technology, Davangere the very best learning experience during their stay at this great institution.

(Prof. B.E. Rangaswamy)
Registrar, VTU Belagavi

Welcome to the spring 2024 edition of Technowave, the voice of Bapuji Institute of Engineering and Technology (BIET). We reflect on the remarkable achievemtns of our students, faculty and alumni. This issue showcases the innovative spirit, creativity and dedication that define our community. The magazine features key highlights and milestones from the institute, alongside captivating photographcs from notable events held throughout the year. As a hub for literary creativity, "Technowave" unlocks the hidden talents of students fostering a community of writers, artists and visionaries.

Original artwork by students and faculty, poignant essays and poetry from our writing community, photographcs capturing campus life and beauty. Thank you to our contirbutors, writers and designers for their tireless efforts. Your voices and talents make this magazine shine. Our sincere thanks to the Chairman and management committee members, Director and Principal of our institute for providing us the opportunity to bring out "Technowave" for the year 2023-24. We extend our sincere gratitude to the entire staff and students body for their invaluable support and contributions to making this magazine a realtiy. We measure our success by the spark this magazine ignites in students' imaginations, inspiring them to explore the world of literature.

(Dr. G.Manavendra)
Chief Editor
TECHNOWAVE (BIET)

GOVERNING COUNCIL MEMBERS

Sri. Rajanahalli Ramanand	President
K.A. Girijamma	Vice President
Dr. Shamanur Shivashankarappa	Hon. Secretary
Sri. S.S. Mallikarjuna	Joint Secretary
Sri. A.S. Niranjan	Treasurer
Sri. A.S. Veeranna	Member
Dr. Prabha Mallikarjuna	Member
Sampanna Muthalik	Member

GOVERNING BODY MEMBERS

• Dr. Shamanur Shivashankarappa	Chairman
• Sri. Rajanalli Ramanand	Member
• A.S. Veeranna	Member
• Sri. S.S. Mallikarjuna	Member
• Sri. A.S. Niranjan	Member
• Dr. Prabha Mallikarjuna	Member
• Regional Officer, SWRO, AICTE, Bengaluru	Member
• Industrialist/Technologist/ Educationalist, Nominated by AICTE	Member
• Nominee of AICTE	Member
• Nominee of VTU, Belagavi	Member
• State Govt. Nominee, DTE	Member
• Prof. Y. Vrushabhendrappa, Director, BIET	Member
• Dr. H.B. Aravind, Principal, BIET	Member Secretary

Jewels of BIET

VTU Rank Holders and Gold Medallist 2022-2023

Shrushti K. Shenoy
Textile Tech.
VTU Gold Medallist 1st Rank

Anusha G M,
Textile Tech.
2nd Rank

Sanjana K B
Textile Tech.
3rd Rank

Pavithra Patil
Chemical Engg
4th Rank

Shreyas S
Biotechnology
4th Rank

Malini S
Textile Tech.
4th Rank

Ranjitha S S
Textile Tech.
5th Rank

Rakshitha Chand
Textile Tech.
6th Rank

Prajwal Y Shirageri
Electronics &
Communication.
6th Rank

Yashaswini B H
Biotechnology
7th Rank

Amruthavarshini K G
Chemical Engg
8th Rank

Shubhadevi G
Textile Tech.
8th Rank

Chaitra N
Textile Tech
9th Rank

Anitha V
Textile Tech
10th Rank

Bapuji Educational Association (R)

Bapuji Institute of Engineering and Technology

Davangere-04

Hearty Congratulations to VTU Rank Holders (2023-24)

Prerana P
Textile Tech.
2nd Rank

Saathvi C S
Biotechnology
10th Rank

Shravya P S
Chemical Engg.
2nd Rank
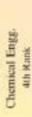
Nayana S N
Biotechnology
6th Rank

Pooja D M
Textile Tech.
VTU Gold Medalist 1st Rank

H S Bhavana
Biotechnology
5th Rank

Sahana G Naik
Chemical Engg.
VTU Gold Medalist 1st Rank

Hema B R
Chemical Engg.
4th Rank

Dr. H B Aravind
Principal, BIET

Prof.V. Vrushabhendrappa
Director, BIET

Hearty Congratulations from:

Sri. Rajanahalli Ramanand
President, BEA

Dr. Prabha Mallikarjun
Hon'ble Member of Parliament
Davangere

Sri. S S Mallikarjun
Hon. Joint Secretary, BEA
Minister of Mines & Geology and Horticulture
Govt. of Karnataka

Dr. Shamanuru Shivashankarappa
Hon. Secretary, BEA
MLA, Davangere South

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING (AI&ML)

HOD's DESK

The AI&ML program at BIET follows: "Effective Teaching and More Learning". Department aims to produce the graduates who will demonstrate world-class expertise in AI and ML and emerging technologies which help them to stands in crowd and grow careers in emerging technologies.

A four-year under-graduate B.E program in AI &ML aims to develop a strong foundation by using the principles and technologies that consist of many facets of Artificial Intelligence and Machine Learning.

Dr.S.B. Mallikarjuna
Prof. & HOD, AI&ML Dept.

The curriculum provides opportunities to learn modern AI and ML tools and technologies. Students tackle real-world problems in computer vision, robotics and natural language processing etc., gaining expertise in machine learning pipeline, data handling, knowledge representation and maximum practical implementations.

Overall, the curriculum more emphasizes on enriching the students learning, equip them by providing value added courses, Application development programs, skill development programs, technical and cultural competitions, Certification courses, Workshops, Hackathon at all levels through various platforms. The comprehensive industry-oriented curriculum along with project and application-based learning pedagogy coupled with mentoring from highly experienced faculty shall make the students industry ready.

ABOUT THE DEPARTMENT

The department of AI&ML started in the academic year 2022-23, with the intake of 60, approved by AICTE and affiliated to VTU Belagavi. From the academic year 2023-24 intake is increased to from 60 to 120. The department has full pledged faculty with 3 Doctoral and well qualified teaching and non-teaching staff.

MAJOR FACILITIES/RESEARCH FACILITIES

The department has got separate staff rooms both for teaching and non-teaching staff, well equipped classrooms with LCD projector facility and laboratory with high end Computing and Internet facilities.

Student Induction Program was conducted for 6 days from 11/09/2023 to 16/09/2023. Head of the AI&ML department addressed the students and gave an insight to how AI is rapidly becoming a mainstream technology, the challenges AI is facing that includes accuracy, bias, privacy, and ethical considerations. He stressed on the fact AI should be explainable for transparency, which is crucial for AI's success.

Major R & D Activities

Dr. Mallikarjuna S. B. is appointed as Dean Infrastructure and planning of the Institute.

Dr. Varsha M. participated in the training program on JAVA Full Stack conducted by TalentNext 27th Nov. to 15th Dec. 2023.

Prof. Jyothi G C completed Ph.D. in Bapuji Institute of Engineering and Technology Research Center, Davangere, Visvesvaraya Technological University, in Image Processing with the topic "Quantification and Assessment of Dental Caries and Alveolar Bone for Diagnosis and Treatment using Image Processing Techniques", during the year 2024.

Prof. Bhagya S G is registered for Ph.D. at Sri Siddhartha University, Tumkur, during the year 2024.

IMPORTANT EVENTS
CONDUCTED IN THE DEPARTMENT

A Technical quiz on AI&ML was conducted during forum function to First and Second year AI&ML students.

5 Days Student Training Programme on "Communicate with Confidence" was conducted to 3rd Sem students on 28/11/2023 in association with IS&E Department.

CREA (Campus Recruitment & Empowerment of Actions) Activity sessions

AI&ML Forum was inaugurated on 08/12/2023 2:30pm. The Chief Guest was DR. B M Sagar, Prof. and Head, Dept. of ISE, RVCE., Bengaluru, Alumni of CSE, BIET

Logo competition winners Spoorthi V S, Vinayaka G C and Siddhartha H

Manojkumar K S of 3rd semester participated in the Grand Finale of Smart India Hackathon – 2023 at Noida Institute of Engineering & Technology, Noida, State: Uttar Pradesh

TEACHING STAFF

Dr.S.B. Mallikarjuna
Prof. & HOD, AI&ML Dept

Dr. Varsha M
Associate Professor

Dr. Amjad Khan
Associate Professor

Jyothi G.C.
Associate Professor

Deepashri K.M.
Assistant Professor

Vijayalakshmi S Hallikeri
Assistant Professor

Bhagya S.G.
Assistant Professor

Swetha H U
Assistant Professor

Santhosha P
Assistant Professor

NON TEACHING STAFF

Abhishek J.J.
Foreman

Gopalakrishna R.
Peon

DEPARTMENT OF BIOTECHNOLOGY

ABOUT THE DEPARTMENT

The Department of Biotechnology was established in the year 2002, and it is full - fledged with state-of-the-art teaching & laboratory facilities. The NBA-AICTE accredited the department and VTU, Belgaum recognized department as a research center and had received permanent affiliation. The department has experienced and learned faculties and engaged in research activities on Aeroallergens, Bacteriophages, Bio-pollution, Bio-fuels, Phyto-chemical Studies, Tissue culture, fermentation technology, etc. Currently there are 7 research projects ongoing funded by DBT, DST, Govt. of India, AICTE, ICMR, New Delhi, KSCST, VGST, Govt. of Karnataka. The students of Biotechnology Department have bagged ranks from Visvesvaraya Technological University, Belgaum. The department also organized seven National Conferences, one International Conference, FDP's, Six Environment Awareness workshops. The Biotechnology students have been placed 70% and 85% in the year 2022-23 and 2023-24 respectively during the campus selection conducted by the esteemed companies like Aurobindo Pharma, Curateq, Zomato, and Optum.

MAJOR FACILITIES/RESEARCH FACILITIES

The department has important and unique facilities to take up the projects of various disciplines. With the help of existing facilities Microbiological, Environmental, fermentation, Genetic engineering, Immunological, photochemistry, biofuel related works can be carried out.

The Lab/Research facilities include: High Pressure Liquid Chromatography, Phase contrast and Fluorescence Microscope, Hyper Spectral Camera, Lyophilizer, Gel-doc system, ELISA reader, Nano drop, Fermenter, Ultrasonicator, Ultrasonic Cell Crusher, UV-Visible Spectrophotometer, Trinocular Microscopes with camera and computer display, High end digital balances (Shimadzu), Biosafety cabinet, Laminar air flow chamber, Autoclave (Completely automatic), Bacteriological Incubator (digital), BOD Incubator (digital), Hot air oven , Major distillation units, Anaerobic chamber, Electrophoresis units to conduct all Genetic Engg & Immunological techniques, Air samplers, Digital Air Quality Monitor.

Major R & D Activities

Sl. No	Project Title	Principal Investigator	Funding Agency	Year	Amount Sanctioned In Rs.
1	Development of Pesticidal Vermiwash from selected Medicinal plants	Dr. B.E.Rangaswamy	NAIN Centre, Dept. of IT, BT and S & T (Govt. of Karnataka)	2020-21	2.56 L
2	Phages as Natural Nano-Medicines to Target Superbugs	Dr Manjunath N S	VGST Dept.of IT,BT, and S&T, Govt.of Karnataka	2021-22	10 L
3	Microbial Cellulose a Natural Biopolymer: Production and its Biomedical application	Dr. B.E.Rangaswamy	VGST Dept.of IT,BT, and S&T, Govt.of Karnataka	2021-22	10 L

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

The Department of Biotechnology organized a one-week-long workshop on "Scope of IPR, Entrepreneurship & Bioreactor Design in Biotechnology" from 17th to 23rd May 2022

The Dept. has organized Five day Skill development programme on "Bimolecular Techniques and Bio- processing in Biotechnology" during 7th -11th August 2023.

The department has organized skill development programme on Communication in English for 3rd Semester Students during 22nd to 25th Jan 2024.

The department in association with MSME centre of excellence, IISc Bengaluru has organized Design Awareness Program for innovating MSMEs & Students on 16th Jan 2024

The department has organized an invited talk by Dr. Satkarni Makkapati, Director, Aurobindo pharma Hyderabad on 09.12.2023 in association with Chemical Engineering department.

The department has organized an inaugural function of forum activities "BIOLIT" on 01.12.2023.

Teaching Staff

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Shekharappa, SSLC
Peon

Syfuddin, SSLC
Peon

DEPARTMENT OF CHEMICAL

ABOUT THE DEPARTMENT

Department of Chemical Engineering, BIET, with an intake of 30 students, under Kuvempu University was established during the academic year 1996-97. At present, the department is permanently affiliated to VTU Belgaum. The department is recognized as Research Centre and offers Ph.D. in Chemical Engineering. Department is accredited by "The Institution of Engineers India, Kolkata" and two times accredited by National Board of Accreditation (NBA), New-Delhi. Department is housed in a permanent building, which has seven laboratories, two lecture halls, a seminar hall, one drawing hall, five faculty rooms and a departmental reading room cum library with a built-up area of 1000 sq. meters and a fixed capital investments of around Rs. 2.00 Crores.

Department has 1 Professor, 1 Associate Professor and 3 Assistant Professors. Two faculty members have PhD degree. Department is actively involved in research activities and received research grant to the tune of 65 lakhs from Govt. agencies. Development of bio fuels like bio diesel, bio ethanol from biomass, pyrolytic oil from municipal solid wastes. VGST, Govt of Karnataka has sanctioned Rs 30 lakhs under CISE Grants, Sophisticated equipment like Super critical Extractor and FTIR have been imported at the cost of 27 lakhs. Average pass percentage of the students is 93% and the department students have bagged 16 University ranks including 3 first ranks. 52 student's projects have been sponsored by KSCST with a total financial grant of around 1.5 Lakhs. Many of our students have qualified in GATE, GRE and GMAT examinations and are pursuing higher studies in India and abroad. The department has very good placement record with 90% of students placed in on/off campus recruitments. Students of the department are working in reputed companies like TCS, MCF, BIOCON, CIPLA, BASF, Reliance, Jindal, Syngene, etc. Department conducts many events for the benefit of the students. Every year National Level Students' symposium "Chemexcel" is being conducted. In addition guest lectures/invited talks, industrial visits, in-plant training and group discussions are regularly arranged along with sports and cultural competitions.

MAJOR FACILITIES/RESEARCH FACILITIES

The Lab/Research facilities include: UV-VIS Spectrophotometer, Bomb Calorimeter ,Flame Photometer ,Super Critical Fluid Extractor, Fourier Transform Infrared Spectrophotometer (FTIR) , P to I Trainer, I to P Trainer ,Temperature Transducers, Pneumatic Valves, Fuel Testing Analyzer, Packed Bed Columns, Vapor Diffusion Set Up, Reynold's Apparatus , Jaw Crusher and Drop Weight Crusher, High Vacuum Pump THVD-150 and THVD-600 Orsat Apparatus, Cloud Point Apparatus, Fermenter, BOD Incubator Evaporator and Double Pipe Heat Exchanger. CSTR, Plug Flow Reactor, Steam Distillation, Simple Distillation set up Tray Drier, Cabinet Tray Drier, Wetted Wall Column, Rotary Shaker, Steam Boiler, Horizontal Condenser

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Mr. Rama Krishna Naik, Industry expert gave lecture for students regarding continuous improvements in industries.

Dr. Satakarni Makkapati, President, CuraTeQ Biologics Pvt Ltd (a subsidiary of Aurobindo Pharma Ltd) gave lecture for students regarding opportunities for Chemical and Biotechnology students.

All the students of the department (2nd, 3rd and 4th Year) along with five faculty members visited JSW paints, Toranagallu.

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DEPARTMENT OF CHEMISTRY

ABOUT THE DEPARTMENT

Department of chemistry was established in this institute during the year 1979. The department was headed by an acclaimed Professor Dr.S.Manjappa a well-known academician and frontline researcher, Dr. B E Basavarajappa and Dr. H R Mallikarjuna. Presently the department is heading by Dr.Prasanna kumar J K.

The department is well established both in terms of infrastructure, qualified and dedicated faculty. The Chemistry department is also running a Technical Chemistry Lab of Chemical Engineering steam. The department is also providing the facilities to cater the needs of UG and PG students of different streams to carry out their academic project works. The department holds 4 faculty with Ph.D.

The Department was recognized as first Research Centre under Visvesvaraya Technological University, Belagavi in the year 2002.The department offers Ph.D program in the field of Nanotechnology, Corrosion Chemistry, Medicinal Chemistry and Dye and Coordination Chemistry. Total of 14 PhD's have been produced in association with ESTSC and 8 awarded 4 Ongoing from Chemistry Research Centre. The department faculty has published and publishing quality research papers in the journals of national and international repute.

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Student Induction Program-2024 Inauguration
Chief Guset: Dr. Prashanathkumar, Professor, Dept of MBA, PESITM, Shimoga

Student Induction Program-2024Invited Talk
Chief Guest: Dr. Prashanathkumar Professor, Dept. of MBA, PESITM, Shimoga

Student Induction Program-2024 Invited Talk Chief Guest: Sri. Tygeeshwarananda Head, Ramakrishnasram, Davanagere

National Science Day-2023
Chief Guest: Dr.S.Manjappa, Professor & Advisor, Jain institute of Technology , Davanagere

Invited Lecture :
Dr.B Nagaswaroop, Professor & Chairman, Department of PG Studies and Research in Chemistry, Davanagere University Davanagere

National Science Day-2024
Chief Guest: Dr.B P Nandeeshwarappa, Professor, Department of PG Studies and Research in Chemistry, Davanagere University Davanagere

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Instructor

Sri. Dhanyakumar K B, H.Primary
Peon

Sri Ramakrishana, L.Primary
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DEPARTMENT OF CIVIL

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year 1979. It possess state of art facilities to cater to the needs of students. Department offers UG Programme in Civil Engineering, PG Programmes in Environmental Engineering and Structural Engineering and two research centres. The department has well experienced faculties with major areas of civil engineering. The department provides testing and consultancy services to various Govt. and Semi-Govt. agencies, contractors, construction industries & to public in Davanagere. Department is accredited by NBA for three years from 2021 to 2024.

Department has all the necessary infrastructure and laboratory facility needed for UG, PG and Research programs. In addition to this, department has setup a Skill development lab. The skill development lab consists of high end UTM 100Tonne, Accelerated curing Tank, Compressive testing machines.

MAJOR FACILITIES/RESEARCH FACILITIES

The department has important and unique facilities to take up the projects of various disciplines. With the help of existing facilities Microbiological, Environmental, fermentation, Genetic engineering, Immunological, photochemistry, biofuel related works can be carried out.

The Lab/Research facilities include: High Pressure Liquid Chromatography, Phase contrast and Fluorescence Microscope, Hyper Spectral Camera, Lyophilizer, Gel-doc system, ELISA reader, Nano drop, Fermenter, Ultrasonicator, Ultrasonic Cell Crusher, UV-Visible Spectrophotometer, Trinocular Microscopes with camera and computer display, High end digital balances (Shimadzu), Biosafety cabinet, Laminar air flow chamber, Autoclave (Completely automatic), Bacteriological Incubator (digital), BOD Incubator (digital), Hot air oven, Major distillation units, Anaerobic chamber, Electrophoresis units to conduct all Genetic Engg & Immunological techniques, Air samplers, Digital Air Quality Monitor.

Major R & D Facilities:

Sl. No.	Name of the Instrument / Apparatus	Laboratory
1	Automatic soil compactor	Geotechnical engineering
2	Brick platen for CTM	Concrete and highway materials
3	Electric hot plate	Environmental engineering
4	Pestle and mortar	

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Sustainability in Construction using GGBS and Green Materials" in the Department on 27th September 2023

Hands-on-training on Total Station and Auto plotter" held from May to June 2023

Extensive survey Camp for 3rd year BE students (2020-2024 batch) was conducted from 10th March 2023 to 20th March 2023 at Hebbalu 22nd to 25th Jan 2024.

Department organized Technical Trip for 6th semester (2020-2024 batch) students on 13th April 2023.Visits made to Gajanur Dam, Sakrebailu Elephant Camp

The department has organized World Environment Day" on 5th June 2023. Dr. H B Aravinda Principal BIET, Dr. S Suresh HOD, Dept. of Civil Engineering and Chief guests planted a tree on the occasion.
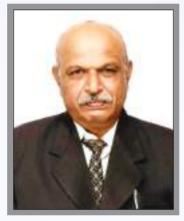
In association with Institution of Engineers (I), Davanagere local centre, Department celebrated "Engineers' day" on 20th September 2023

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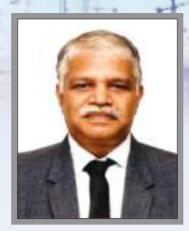30vijay65@gmail.com

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DEPARTMENT OF COMPUTER APPLICATIONS

ABOUT THE DEPARTMENT

The Master of Computer Applications (MCA) was established in the year 1992 with an initial intake of 30 students. Creating demand and the needs of present software industries and now the current intake is increased to 180 students. The duration of the course, from 2020 admission, is two years (Four Semesters) and the curriculum is aimed at interspersing a wide spectrum of practice and knowledge in the computing domain in the latest and emerging technologies with inputs and active support from industry experts and strong Alumni. The faculty is diverse, committed, highly qualified experienced with Doctorates in various specializations. Quality education, blended with rich research experience along with hands-on teaching is provided to students. The department has well-equipped laboratories with IT facilities. So far approximately more than 1500 students who graduated from the MCA department are well-placed in various National and Multinational companies. The department is responsible for producing top-grade software engineers with skill sets comparable to the best in the world.

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Faculty Development Program on "Python and its Applications" on 12th to 14th June 2023, Mr.Karibasavaraja J, Director, Sumukha Infotech, Davanagere

Workshop on "Startup and its Multiverse and National Startup day" on 30th January 2024, Pawan Ullas Revankar, Co-Founder, TREES Firm, Davanagere

Induction programme for first year students-2024 batch on 4th march 2024, organized by MCA Forum at MCA Department

Induction programme for first year students-2024 batch on 4th march 2024, organized by MCA Forum at MCA Department

Technical Talk on "Internship Programme using Flutter" on 07-03-2024 by Shivaprasad Kambalimath, CEO, Freshers Profile, Bangalore

Technical Talk on "Data visualization using python" for final year students on 28-02-2024 by Kotruswamy, Assistant Professor, ICCA, Davanagere

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DEPARTMENT OF COMPUTER SCIENCE

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Cloud Computing, Machine Learning, Artificial Intelligence,
Data Science, Mobile Agents

ABOUT THE DEPARTMENT

A Legacy of Excellence in Computer Science Education - With a rich history dating back to 1984, the Department of Computer Science and Engineering at BIET has established itself as a premier center for undergraduate studies in the field. The department boasts an impressive intake of 240 students, ensuring a vibrant learning environment. **A Hallmark of Quality** -The department's commitment to excellence is evident in its **three NBA accreditations** for the undergraduate program, a testament to the high quality of education provided. This recognition, valid until 2024, places BIET's CS program among the elite in the country. **Research Powerhouse** -Recognized as a research and development center by Visvesvaraya Technological University in the year 2000, the department fosters a thriving research culture. With a team of **6 dedicated research supervisors,** the department has successfully guided **13 scholars** to doctoral degrees and currently supports **17 Ph.D. students. Faculty and Infrastructure Excellence** -A team of well-qualified faculty, supported by exceptional non-teaching staff, leverages **best-in-class infrastructure** to deliver an exceptional educational experience. This combination empowers students to develop a strong foundation in computer science and engineering. **Shaping Future Leaders** -The

department goes beyond academics, actively preparing students for their chosen career paths. By fostering industry readiness, the department equips graduates with the necessary skills to excel in the professional world. Additionally, the department encourages students to pursue higher studies and develop entrepreneurial mindsets. **A Hub of Activity and Engagement** -The department remains at the forefront of innovation by hosting various events, including **international and national conferences, faculty development programs, workshops, learnathons, and Hackathons.** These events provide valuable learning opportunities for both students and faculty. **Strong Industry and Alumni Network** -The department benefits from a **supportive industry and alumni network.** This network opens doors for internships, placements, and fosters collaboration, ensuring students stay connected to the ever-evolving world of technology. The Department of Computer Science and Engineering at BIET is a leader in shaping the next generation of software engineers. With its focus on quality education, research, and industry preparedness, the department empowers students to thrive in the dynamic field of computer science.

MAJOR FACILITIES/RESEARCH FACILITIES

Department has all the necessary infrastructure and laboratory facilities needed for UG and Research programs. In addition to this, the department has set up a research lab under the grants received from Vision Group of Science and Technology, Govt. of Karnataka. The research lab consists of high-end server, Drone, high performance camera and high-end computing systems along with sensors for precision agriculture research projects like, soil moisture temperature meter, soil tensiometer, soil nutrient tester, weather stations and portable plant nutrition analyzer. Department has also got equipment like Arduino Boards and Raspberry Pi 3 kits for students to take up projects in the field of "Internet of Things."

Major R & D Activities

Licensed Software's Available in the Research Lab
1. Access to cloud computing Environments like Google, AWS, Microsoft Azure.
2. Licensed MATLAB and IBM Blue mix cloud Environment

Apple iMAC

Quad copter Drone

TP-Link Archer AX90 Router

Assembled Server

IMPORTANT EVENTS
CONDUCTED IN THE DEPARTMENT

**Glimpses of the
AI&ML Workshop**

**Inauguration of
the TECH-O-NET
Workshop**

Students demonstrating their projects during Internal Hackathon

Glimpses of the TCS-TechByte

Inauguration of ATAL FDP

Working with Hadoop cluster and DevOps

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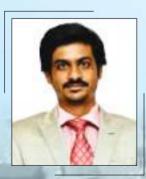
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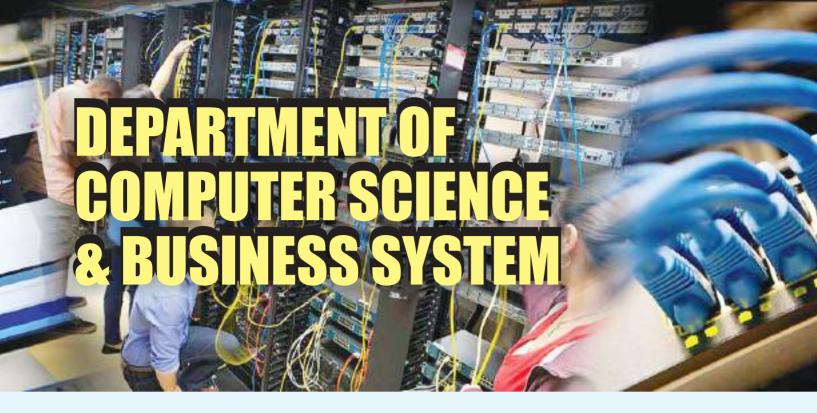
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DEPARTMENT OF COMPUTER SCIENCE & BUSINESS SYSTEM

ABOUT THE DEPARTMENT

VTU's B.E. in Computer Science and Business Systems, in collaboration with TCS, is designed to make students industry-ready by focusing on digital technologies such as Analytics, Machine Learning, and Cloud Computing. The curriculum emphasizes hands-on learning through real-life business projects, enhancing innovation and ethics. Faculty members are trained by TCS, ensuring a high-quality learning experience.

Students also gain a strong understanding of Technology Abstraction and are encouraged to develop their innovation ability. The program places a significant emphasis on ethics and life values, ensuring that graduates are not only skilled professionals but also responsible individuals in society. This collaboration with TCS provides a unique opportunity for students to be at the forefront of technological advancements in both Computer Science and Business Systems.

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Awareness program on Science

10 Days Hands on Web Development Workshop

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DEPARTMENT OF COMPUTER SCIENCE & DESIGN

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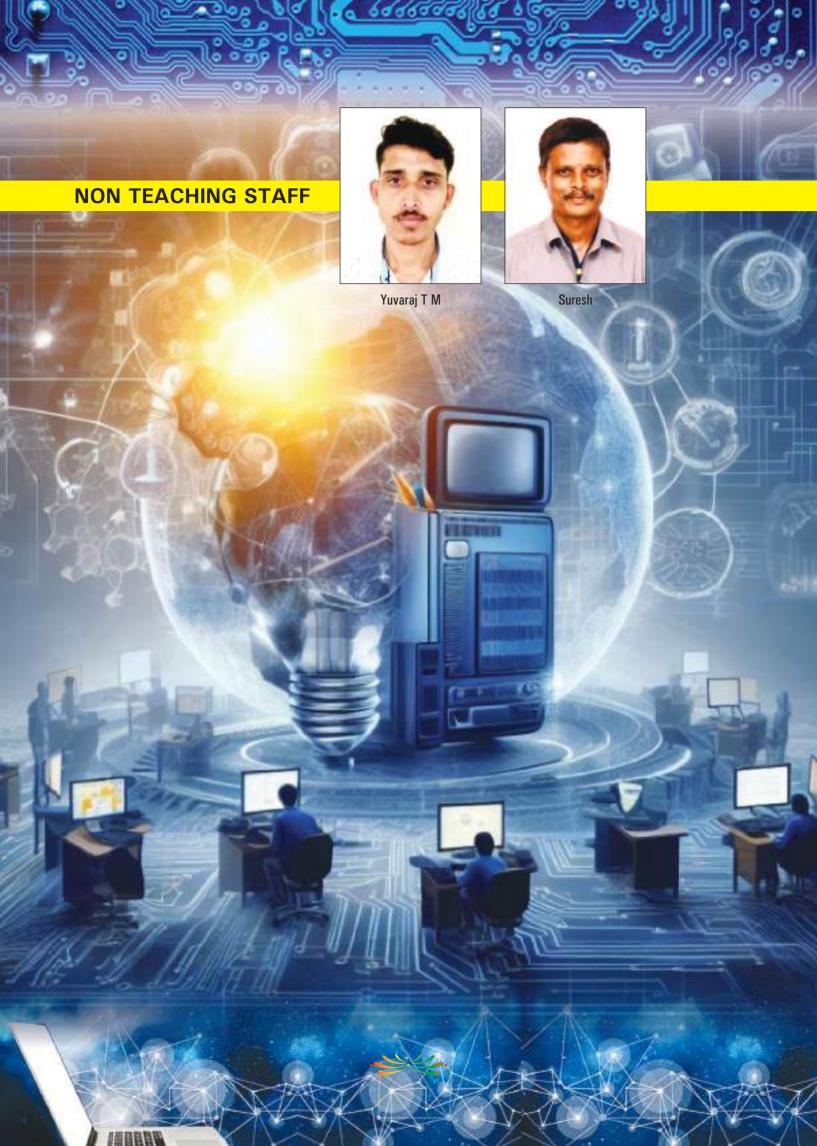
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (DATA SCIENCE)

ABOUT THE DEPARTMENT

The CS&E **(Data Science)** department established in the year 2022-2023 with six teaching staff, one technical staff and 2 supporting staff members, all the teaching staffs in the department having minimum 7 years of experience with well research profile. Data Science is an aligned branch of CS&E and integral to an organization, focusing on extracting actionable insights from complex data sets to guide strategic decisions. After the graduation students typically works in the roles such as data scientists, who develop predictive models and algorithms using statistical analysis and machine learning; data analysts, who interpret data and generate reports to inform decision-making; data engineers, who build and maintain data infrastructure; and machine learning engineers, who implement and optimize algorithms for scalability and efficiency. The department's core responsibilities encompass data collection, cleaning, preparation, and analysis, utilizing tools and technologies like Python, SQL, Tableau, and big data frameworks. With expertise in statistical analysis, programming, data management, and effective communication, the department, predicts future trends, provides customer insights, and improves operational efficiency.

MAJOR FACILITIES/RESEARCH FACILITIES

Qualified dedicated and experienced teaching staff members with well research profile and minimum of 7 years' of experience.

2 labs equipped with high-end i7 Dell and HP systems with one projector installed and 2 workstations.

2 classrooms, one with projector facility.

Major R & D Activities

Sl. No	Faculty Name	Title of the Research	Registration Year	University
1.	Dr. Pradeep N	He has completed Short Term **Post-Ph.D.** Pilot Research Project from Thu Dau Mot University, Thu Dau Mot City, Binh Duong Province, Vietnam in 2021 He is presently guiding **FIVE** research scholars **30 research article**s and also authored **13 book chapters** **Senior Member in IEEE** and has professional membership in **IEEE, ACM, IEI, MISTE, and IAENG.**	NA	NA
2.	Prof. Ranjana B Jadekar	Emotion Recognition and Analysis of Coma Patients from EEG signals using Deep Learning techniques.	2021	VTU, Belagavi
3.	Prof. Vinay M T	Resolved Oxygen prediction and fish disease detection using machine learning.	2021	Srinivasa University, Mangalore
4.	Prof. Gowramma B H	Transfer Learning based Non-destructive Gender classification and quality control of Silkworm Pupae.	2022	VTU, Belagavi
5.	Prof. Bharath H C	Explainable AI with Deep Learning Techniques for Classification of Alzheimer's Disease.	2023	VTU, Belagavi

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Department Inauguration
on 20-October-2023

Forum Inauguration
on 20th-December-2023

Forum Logo Reveal

Yoga Activities as part of MC

Davana Kuvari from
Data Science Department

DatIn forum organized
"KHELUTSAV"

Teaching Staff

Prof. Ranjana B Jadekar
Assistant Professor
CS&E (Data Science)
Experience: 08 years

Dr. Pradeep N
Dean Academics
Professor & Head
CS&E (Data Science)
Experience: 21 years

Prof. Gowramma B H
Assistant Professor
CS&E (Data Science)
Experience: 10 years

Prof. Vinay M T
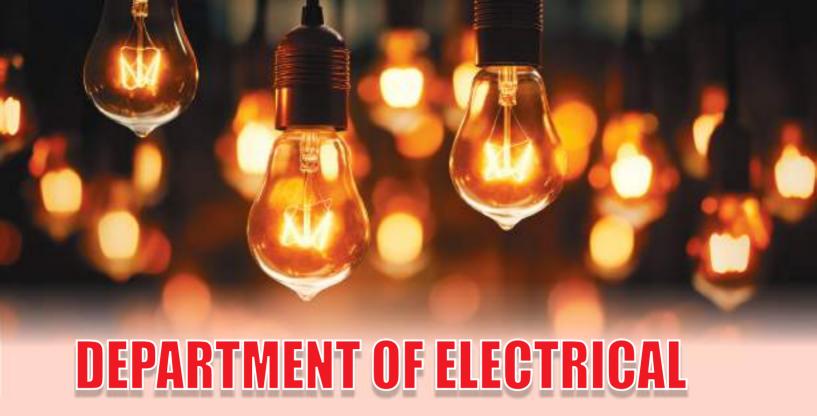Assistant Professor
CS&E (Data Science)
Experience: 07 years

Prof. Bharath H C
Assistant Professor
CS&E (Data Science)
Experience: 02 years

Prof. Sony V Hovale
Assistant Professor
CS&E (Data Science)
Experience: 05 years

Prof. Usha C
Assistant Professor
CS&E (Data Science)
Experience: 05 years

Non-Teaching Staff

Mr. Pramod H
Instructor
CS&E (Data Science

Mr. Prakash M S
Attender
CS&E (Data Science)

DEPARTMENT OF ELECTRICAL

ABOUT THE DEPARTMENT

The Department of Electrical & Electronics Engineering was started in the year 1979 with an intake of 40 students. Now the department has academic programme with an intake of 60. Department is duly recognized and accredited By National Board of Accreditation, AICTE, New Delhi and The Institution of Engineers (India), Kolkata.

The Department of Electrical Engineering, which has renowned as well as young and dynamic personalities as faculty, is involved in providing quality education to undergraduate (UG).

MAJOR FACILITIES

Department as a broad based UG curriculum & the syllabus of the courses are continuously updated and the laboratories modernized to reflect the rapid changes in technology. The department is equipped with the latest experimental and computational facilities meet the curriculum. The total expenditure on Instruments, Equipment's and Computers is Rs.52 Lakhs. The major laboratories in the department are Electronics, Microcontroller, Machines, Control system, Measurement, Power system simulation & High voltage & relay. Department has many major equipment's. Major equipment's are Digital trainer kits, Power Electronics Modules, 8051 Flash Programmable Microcontroller, Evaluation Board (MCB 51) with interfacing modules, DC and AC Machines sets, Transformers, Electrolytic Tank, Auto-Transformers, Servo Stabilizer, Air-Cooled Rectifier Unit, Phase-Shifting Transformer, HV Testing Transformer, 5-Stage Impulse Voltage Generator, Continuously Variable Auto-Transformer, 60kV HV Testing Transformer, Digital Storage Oscilloscope, HV Rectifier Unit, Computers,

UPS, 200kVA diesel generator. Department has Mi-Power software Packages with 6 user, Microcontroller- Keiluvision#3(C51), Lab view with 10 Users, PSPICE Student Version.

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Electrical Forum Organised INDUSTRIAL TRIP to 400/220kv GI substation, KPTCL, Jagalur on 06.01.2023.

Electrical Forum Organised célébration of National Energy Conservation week on 27.05.2023 at BIET Davangere.

Electrical branch students Raju.G.J and Sagar.G.G has been participated in Project présentation title 'Energy managemeny in Grid tied Microgrid' organized by Electrical and Electronics Department AIT Chikamagalur held on 03.05.2023 and won the THIRD place.

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Our Electrical branch 7th semester students has visited VARAHI HYDRO ELECTRIC POWER PLANT at Udupi on 8th December 2023.

Our Electrical branch students has been participated in Civil Big Blash Cricket Tournement on 10th October 2023 at BIET Davangere and won the FIRST place.

The department has organized an inaugural function of forum activities "BIOLIT" on 01.12.2023.

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Mr. M.S Deepak
Instructor

Mr.Mahaboob.Md
Electrical Technician

Mr.Manjappa. A
Attender

Mr.D.S Nijalingappa
Attender

Mr.Angadi
Attender

DEPARTMENT OF ELECTRONICS & COMMUNICATION

ABOUT THE DEPARTMENT

Department of Electronics & Communication Engineering was established in the year 1979 with a vision to promote and maintain academic and professional excellence in technical education and research field. The department has well qualified, self-motivated, experienced and committed teaching talent whose main focus is on the Teaching- Learning with the right balance in research. Presently the department has ten doctorates and six faculties who have registered for their Ph.D program are at different phases. The Institute is accredited by NAAC in 2017 with A Grade and the department has been accredited four times by NBA, AICTE, New Delhi. Since its inception, student intake for E&CE branch has gradually raised from 30 to 120. The pass percentage of final year students is above 95% consistently. The department has to its credit a total of 37 ranks under Mysore/ Kuvempu/ Visvesvaraya Technological University.

M.Tech started in the year 2023-2024 in IoT & Sensor Systems.VTU recognized research center since 2020.Under VTU 7 research supervisors are guiding research scholars in various domains. From the whole institute our department student Anushree B Y received BE honors from VTU, Belagavi.

Department has adequate infrastructure. The laboratory facilities include a sufficient number of personal computers with LAN connectivity, internet facility and state-of-the-art software packages and hardware worth approximately 1.5 Crores and are regularly upgraded. Department is equipped with LCD projectors for lecture delivery, seminars and demonstration purpose in addition to ICT enabled classroom. In addition to Central Library, Departmental Library has 3078 volumes with 525 titles, which includes academic and competitive related books that can be accessed by faculty and students. Five sponsored projects have been executed by the department under TAPTEC & MODROB of AICTE, New Delhi. The Karnataka State Council for Science & Technology (KSCST), Bangalore, has sponsored 145 projects from Department of E&CE of which 41 projects have been selected for State Level Project Exhibition and Seminar. Four times the department has won Best Project of the Year award, instituted by KSCST, Bangalore. Every year two to three projects are selected by KSCST. Consecutively for three years 2016 to 2018 final year projects have received BEST Project award from ISTE. Two Final year projects are also selected under VTU Foss. Proindo Keys, an On-

going project under New Age Incubation Network (NAIN) submitted a Proposal titled Electronic Assistive Devices to AICTE- ISTE ORIENTATION/ REFRESHER PROGRAM. Conducted one week FDP on Embarking on Open Source Software in an Engineering & Research journey in association with FOSS group, VTU, Belagavi. MOU has been signed with companies like Tessolve Semiconductors Pvt.Limited, Bangalore.Altilogic Technologies, Bangalore, VI Solutions, and Bangalore.

Under the Continuing Education Programme (CEP), few of the faculty members have submitted the course materials. The faculties are actively involved in research activities and have presented/published technical papers in various National & International Journals/Conferences. To keep updated with current technologies FDP/Workshop/Seminars are regularly organized in association with industries. Faculty interact with other institutions for delivering expert lectures, as resource person for workshop and Chairing sessions in Conferences. In-house Value Added Training programs will be organized by faculty for the students. Department has the credit of organizing First National Conference on Recent Advances in Electronics and Communication Engineering NCRAECE-17.Faculty are members of professional bodies like ISTE, IETE & IE.

The students are not only encouraged to excel in their academics but continuously motivated and encouraged to involve themselves in various co-curricular and extra-curricular activities. This is achieved through EC Forum by organizing various technical seminars, workshops and invited lectures exclusively for the students by renowned persons from industry, academics and R&D centers. This helps the students to be exposed to the emerging and state-of-the art technological developments in the EC arena. EC forum provides an excellent platform for students to exhibit their talent during E-Utsav, a Technical cum Cultural fest held every year and other such events. A State Level Paper Presentation Event-PAPYRUS has been organized under the forum since 2015. A State Level Mini Project exhibition Cognition has been organized under the forum since 2018 in association with IETE. EC forum has hosted the inter-department NB Cup Cricket Tournament for boys since 1999 and Throw ball for Girls from 2018.

Along with ISTE Students' chapter, IETE Students' forum (ISF) was initiated in the year 2017 under IETE Center, Shivamogga. Student activities are regularly conducted under this forum. Under IETE and EC forum, SIDDATHA in vision of preparing students for GATE, IES, PGCET & Campus Recruitment. Students are encouraged to take NPTEL courses, those are qualified in NPTEL course are awarded with cash prize under EC forum.

Department is proud to state that Prajwal Y Siregeri has bagged VI Rank for the academic year 2022-2023.Aishwarya K.M has bagged 10th Rank for the academic year 2019-20.Mr. Darshan Hadadi has bagged 10th Rank for the academic year 2018-19.

From the whole institute our department student Anushree B N received BE honors from VTU, Belagavi for the academic year 2022-2023.

 Scope for the higher studies in India and abroad in Electronics & Communication are excellent and diversified. Our alumni are spread across the globe and have pursued higher education both in India & abroad in various esteemed institutions and universities. Many of our alumni are doing well in their chosen areas and are well placed in excellent organizations like Qualcomm, iNube, Cadence, Texas Instruments, Cypress, ISRO, BEL, Mistral, TCS, HCL, Mindtree, Wipro, iNube Software Solutions Pvt. Ltd., CLEO, Radisys, Vids Info Solutions Pvt.Ltd., and so on. It is of great privilege to inform that few of our alumni have emerged as successful entrepreneurs, excelled in Civil services, working for NGOs.

MAJOR FACILITIES/RESEARCH FACILITIES

Department has all the necessary infrastructure and laboratory facilities needed for UG programs. In addition to this, the department also set up a new research lab. There are adequate numbers of personal computers with LAN connectivity, internet facility and necessary software tools for laboratories. Cadence tool for VLSI design, Microwave test bench,Microwave signal sources,Microstrip antenna trainer kit,Xilinx,IoT trainer kits,Labview,Ni myDAQ card,C5000 code compressor studio and TMS320C6713 trainer kits, Microcontroller & MSP 430 FG 4618 Models with accessories, Moku-Go 2 Device.Some of the open source softwares like Proteus, Scilab, LTspice, Multisim etc. are also available.

Major R & D Activities

E&CE Research center was established in the year 2020 and presently two Research Scholars have registered.

Research Guide:

Sl. No.	Name of the Research Guide	No. of Students enrolled	Center
1	Dr. G S Sunitha	04	VTU-RRCE
2	Dr. K G Avinash	02	BIET-ECE
3	Dr.Leela G H	--	BIET-ECE
4	Dr.Nirmala S O	--	BIET-ECE

Registration under VTU RC / RRCE, Belagavi (Part Time)

Sl. No.	Name of the Scholar	Supervisor Name	Year of Registration	Topic of Research	Status	Papers Published
1	Rakesh H M	Dr. G S Sunitha Professor & Head, Dept. of E & C E, BIET, Davangere	2014	Design,analysis and implementation of MAC unit for multirate signal processing and its applications	Awarded	6
2	Ranjith Patil N	Dr. Avinash K G Associate Professor, Dept. of E&CE, BIET, Davangere	2021	Study and Investigation of IRS (Intelligent Reflecting Surface) and its application	Pre-Registration Interview Completed, Partial course work completed	1
3	Shafiulla Shariff	Dr. Avinash K G Associate Professor, Dept. of E&CE, BIET, Davangere	2021	A Novel and effective framework for an early detection of lung cancer using Deep learning techniques	course work completed	--
4	Savithri G R	Dr. G S Sunitha Professor & Head, Dept. of E & C E, BIET, Davangere	2016	Design and Implementation of FPGA Based Pipelined Network on Chip Bidirectional Router	Course work : Completed Comprehensive Viva: Completed	2
5	Shwetha S	Dr. Jagadeeshachandra A P Professor, Dept. of E & C E, AIT, Chikamagalur	2016	Heuristic Algorithm to Explore the Geometrical Dimensions of Cracks in Structure through 3D Image Analysis	Course work : Completed	1
6	Kantharaj S P	Dr. G S Sunitha Professor & Head, Dept. of E & C E, BIET, Davangere	2016	Design and Implementation of Sampling Rate Converters	Course work : Completed Comprehensive Viva: Completed	2

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Infosys Springboard Application awareness programme conducted by Pruthvi Adishesha for IV semester students on 20th July 2023.

Skill Development Program for I year P-Cycle students on Simple Electronic Circuits and their Applications was organized from 24th July 2023 to 1st August 2023.

A technical talk on Emerging Trends in VLSI Design and Computer Architecture by Dr. Chetan Kumar Vudadha, Prof. BITS Pilani, and Hyderabad campus was organized on 11th March 2024.

Technical talk on Empowering Engineers: **The role of Lab View in core industry applications** by Sri Sunil Kumar, VI Solutions, Bangalore for III & V sem Students on 20th February 2024.

Technical talk by Adarsh B U, STOFO Technologies LLP on IoT Architecture;Real Demonstrations for Real World implementation on 23rd February 2024.

Online awareness Session on MATLAB and SIMULINK Tool application for Electronics and Communication Engineering by Corel Technologies, Bengaluru on 21st to 23rd May 2024.

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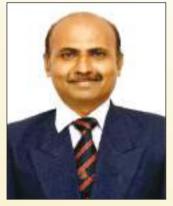Professor & Dean
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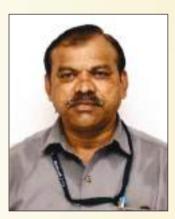
V S Patil
Instructor
Patilvs54598@gmail.com

Anusha G C
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anushachinna06@gmail.com

Girish M
Asst.Instructor
girishgowdarm@gmail.com

G Ramesh
Attender

K T Ramu
Peon

Duragappa
Peon

Nagaraj R
Peon
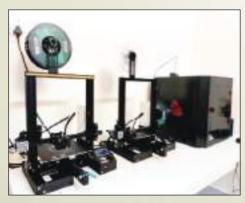
DEPARTMENT OF INFORMATION SCIENCE

ABOUT THE DEPARTMENT

The department was established in the year 2000 with an intake of 60 students, increased to 120 in the year 2007, 150 in the year 2021 and 180 in the year 2022. Information Science research centre was also established in the year 2021. The department is equipped with all necessary infrastructure and laboratory facilities. Keeping in view of the vision of the department, the department is working to achieve excellence in various aspects such as, students' performance, effective teacher-student relationship, imparting Qualificationity education to students, motivating faculty and students towards research and imbibing best human Qualificationities in students. The department has a strong and active Forum INSYNC helping in all-round development of the students through various Technical Workshops on Recent Technologies like Artificial Intelligence and Machine Learning, Big Data, Cloud Computing, Python, Android, IoT etc. Extensive placement trainings are conducted to improve employability of the students. The department has recognized by IIT Bombay as one of the remote centre. It uses an ICT enabled process to actually reach out and engage a large number of teachers and students. The department has established Industry 4.0 Centre of Excellence in collaboration with Rove labs, Bengaluru to adapt itself to the rapid advancements in various specialized fields.

MAJOR FACILITIES/RESEARCH FACILITIES

3D Printer

Automatic Hand Sanitizer

Under Water Robot

Major R & D Activities

KSCST Sponsored Projects 45th Series Student Project Programme: 2022-23

Sl. No.	Title of the Project & Sanctioned Details	Name of the Guide	Name of the students	Funding Agency	Sanctioned Year
1	Speech to Text App Customised for Police Functioning in Different Language	Dr. Vinutha H P	Monika H T Madhura G Neeraj S Ladwa Numankhan A S	KSCST	2022-23
2	Non-destructive Silkworm Pupa Gender Classification using Transfer Learning Approaches	Dr. Varsha M	Bhoomika Maladdara H Karuna Kannavara Kshama D R Yashoda V	KSCST	2022-23
3	Autonomous Fire Fighting robot	Hemashree H C	Namita M R Lavanya K R Shreeteja N Vijay Kumar V C	KSCST	2022-23
4	Rural Health Helper	Vinutha D	Supraja M R Dhanya V Sahana C Vaishnavi S S	KSCST	2022-23

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Two Days Workshop on "Database Application Development" was conducted for 5th semester students on 11th Jan to 12th Jan 2023.

Five Days FDP on "Data Analytics and Data Science" was conducted from 30th Jan to 03 Feb 2023 in association with ISTE and IEI.

Virtual Lecture Series" was conducted for 6th semester students during the period of 15th to 19th May 2023 in association with IETE and IEEE.

Three Days Workshop on "Android Application Development" was conducted for 6th semester Students during the period of 19th and 21th May 2023

Five Days STP on Communicate with Confidence was conducted for 3rd Semester students on 28th Nov to 2nd Dec 2023.pharma Hyderabad on 09.12.2023 in association with Chemical Engineering department.

Five Days Workshop was conducted on "GUI's for AIML" organized for 5th semester students in from 19th to 23rd Feb 2024.The department has organized an inaugural function of forum activities "BIOLIT" on 01.12.2023.

Teaching Staff

Dr. Poornima B., Ph.D
Professor and Head

Dr. Vinutha H. P., Ph.D
Professor & Head

Dr. Ashok K, Ph.D
Professor

Dr. Sreenivasa B. R., Ph.D
Associate Professor

Dr. Rekha C, Ph.D
Associate Professor

Dr.Anitha G, Ph.D
Associate Professor

Dr.Bhuvaneshwari K. V, Ph.D
Associate Professor

Dr.Patil N. S., Ph.D
Associate Professor

Teaching Staff

Shivamurthy D, M.Tech.
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Asst. Professor

Puneeth S.P., M.Tech.
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Hemashree H. C.
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Santhosh T.
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Kamala R
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Sushma C
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Vinutha D.
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Priyanka D V.
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Chaitra K. J.
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Asst. Professor

Madhuri Martis
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Nagashri J.A.
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Nomitha Chawla
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Mamatha S K
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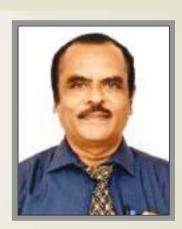
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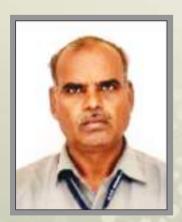
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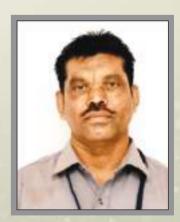
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Hanumanthappa D.
Peon

Rudreshi P.
Peon

Bakkeshwara G.
Peon

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

ABOUT THE DEPARTMENT

The Department of MBA was established in the academic year 1996. BIET-MBA Programme is a flagship of BEA, located on an extensive state-of-the-art campus in Davangere. Institute is offering a master's degree in management under MBA Programme – Bapuji Institute of Engineering & Technology (BIET-MBA) One of the very few exclusive campuses in the state of Karnataka, with world–class infrastructure and learning ambiance.

Dr. Sujith Kumar S H
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Corporates looking for skilled, self-aware managers who can take global problem, act creatively in uncertain, ambiguous environment, and getting things done in complex situations. To achieve these goals, BIET-MBA Programme emphasize three inter-related components; "knowing", "doing" and "being". SKILL DEVELOPMENT PROGRAMMES help them to build their profile through time tested pyramid approach of "Discover", "Understand" and "Practice" for success in EMPLOYABILITY and ENTREPRENEURSHIP.

One of the Oldest and most stylish and let's not forget most power packed Management Institute is now all poised to take on new challenges after 25 years of Its existence.

The student experience at Bapuji B-Schools is a voyage to the realms of knowledge burnished with practical exposure to the corporate world. All resources of the Institute are completely directed towards achieving a total transformation of students from raw B-School aspirants to consummate graduates. The endeavour is to provide students with the right touch of intellectual exposure to stimulate the students inquisitive mind in order that he/she explores the talents within and blossoms into successful Individual.

Powered by inspiring faculty coupled with world-class ambience, it has etched a benchmark in Management Education. It has opened the floodgates of opportunities to many rural students thereby transforming their lives.

All one needs to bring is an open mind and learning attitude. At Bapuji B-Schools, we believe in providing the students, a state-of-the-art infrastructure, quality education, hands-on experiences and an encouraging environment to develop ones skills. We welcome all those who have an urge to learn and be a part of this learning environment.

Industry Institute Interaction: Industry Institute Interactions is quite strong and as a part of curriculum students are visiting Manufacturing industries to do the internship. Industrial experts are regularly invited to the department to address the students through seminars and symposiums.

Major Facilities: The Business lab facilities and the infrastructure are excellent, regularly upgraded and well supported by the institute. The department is well equipped with latest configuration of personal computers. There are adequate number of personal computers with LAN connectivity, internet facility and software packages. Department is equipped with overhead projector, LCD projectors for Class rooms, separate department auditorium, library facility, seminar hall, Executive hostel facility, Green campus.
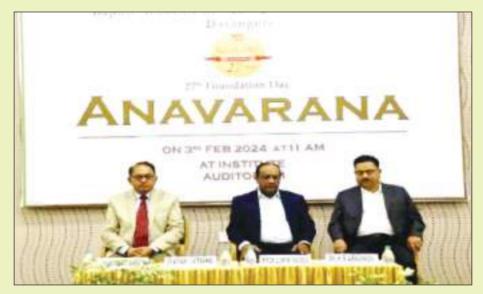
Training Programs: Skill development programmes, Excel training programmes, communication lab, workshops on career options in finance, seminar on Job ready certification programme are conducted at the department.

MOU's and Collaborations: Accutech Agro Pvt Ltd Davangere, P S K Pharma Private Limited, Velkast Foundries, Prashanth Industries Davangere, Synthite Industries Ltd, Dheya Events And Promotions, Focus 4-D Career Education Private Limited.

Seminars/FDP/Symposiums: Department invites eminent persons from various organization and arranges seminars on various thrust areas of management to enhance skills of students beyond the curriculum prescribed by the university. 25th Faculty Development Programme under Research Publication and Consultancy cell was organized on the Topic "Machine Learning" on 07-06-2024. Resource Persons: Dr. N V Uma Reddy, Professor & HOD, Dr. Sreejith S, Associate Professor, Mrs. Rajasree R S, Senior Assistant Professor, Department of Artificial Intelligence & Machine Learning, New Horizon College of Engineering, Bangalore.

R & D Activities: Dr. Sujith Kumar S H, Professor & Head of the department and Dr. Chaitra K S, Associate Professor, are guiding nine Research Scholars. FDPs are organised at the department, four faculty members of department have enrolled for Ph.D. work under various universities. As a part of their research work faculties have published papers in various journals.

Research Facilities: Business Lab Facilities, Library books, journals are provided for research work at the department.

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Bapuji B – Schools organized 27th Foundation Day on 03-02-2024. Presided by Dr. Athani S Veeranna, Chairman, Bapuji B – Schools, Chief guest and foundation day speaker Prof. Edwin Moses, Jagadish Sheth School of Management, Ex-president & COO Sasken Technologies Ltd.,

25th Faculty Development Programme under Research Publication and Consultancy cell was organized on the Topic "Machine Learning" on 07-06-2024. Resource Persons: Dr. N V Uma Reddy, Professor & HOD, Dr. Sreejith S, Associate Professor.

On the occasion of 94th Birthday Celebration of Sri Shamanuru Shivashankarappa, Secretary BEA, Blood Donation Camp in association with SS Care trust and JJMMC held at the campus on 01-06-2024.

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

A Workshop on the topic "Comprehensive study on Python Programming" was conducted by Dr. Geetha M, Associate professor, Department of MCA, BIET, Davangere for third semester Business analytics specialization students on 20-02-2024. 35 students attended the workshop.

Power BI and Excel Workshop for third semester students was conducted by Skillhacc EdTech Pvt Ltd., Bengaluru from 09-01-2024 to 11-01-2024

Excel Workshop was conducted for First year students on 24-05-2024 by Prof. Vijay K S.

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DEPARTMENT OF MATHEMATICS

ABOUT THE DEPARTMENT

I am delighted to know that Sixth Edition of Maths News-letter is ready for publication. It is to note that, applications of Mathematics concepts provide comprehensive through up-to-date treatment for various Engineering disciplines. It is intended to introduce the latest techniques of Mathematics in Engineering that are most relevant for solving practical problems. I consider that the driving force of Mathematics for Engineering is the rapid growth of Technology and Sciences. New areas- often drawing from several disciplines come in to existence. Electric Vehicles, Solar energy, Wind energy, Computer vision, Space travel, Communication systems etc are advancing rapidly. What does this mean for Engineering Mathematics? The Engineer has to take a problem to optimize the design and process from any diverse area and be able to mathematically model it and allow for maximum flexibility in selecting the suitability for physical interpretation for industry requirements. I strongly believe that significant knowledge of mathematics is essential to become a prominent Engineer. Faculty of mathematics department are actively involved in teaching learning and research activities to cater the needs of Engineering. I extend my sincere thanks to faculty involved in preparing Techno wave.

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

National Mathematics Day 2023-24

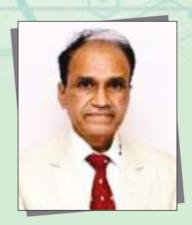Program for Mathematics High School Teachers

Student Induction Program 2023-24 Phase II

Student Induction Program 2023-24 Phase II

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Professor & Head
ksbraju@hotmail.com

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Professor
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Associate Professor
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Assistant Professor
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Dr. Vikas K
Assistant. Professor
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Kum. KAVYA P M
Assistant. Professor
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NON TEACHING STAFF

Sri. Amaresha C
Peon

DEPARTMENT OF MECHANICAL

ABOUT THE DEPARTMENT

We are delighted to inform you that our mechanical department in embarking on a transformative journey towards autonomy, marking a new chapter in our educational endeavor. This journey signifies boundless opportunities for innovation, excellence, and growth, and we couldn't be more excited embark on it together.

At the core of this transformation lies the principle of responsibility. As we move towards autonomy, we are dedicated to upholding the highest standards of academic excellence, accountability, and transparency in all endeavors. It is our unwavering commitment to these principles that will guide us as we navigate this path of evolution and progress.

We invite every one of you to join us on this journey towards autonomy. Your enthusiasm dedication, and contributions are invaluable as we strive to create a dynamic and responsive educational landscape that not only meets the needs of our students but also serves the broader interests of society.

Together, let us embrace this opportunity to shape the future of our department and pave the way for Innovation, excellence, and growth. With your support and commitment, we are confident that we will achieve great things on this exciting journey towards autonomy.

MAJOR FACILITIES/RESEARCH FACILITIES

DMU 75 mono BLOCK Five Axis Machine

Major R & D Activities

Grand Challenge for the Development of Technologies for Primary Processing Storage and Valorization of Tomato

S.M.A.R.T Portable Fruit Preservation System

Has won Rs 25, 000+00 for idea and Rs 50,000+00 for product development . The I stage is completed.

Team leader
Dr. G Manavendra

Team member
Dr. Sharan A.S

46S_BE_2589	INNOVATIVE APPROACH FOR DESIGN AND DEVELOPMENT OF LOW-COST ENERGY BATTERIES (AL-GR BATTERY)	Mr. BASAVARAJ B Dr. SHARAN A S	Mr. VIKAS A VASTRAD s. LEKHA S J KELUTH Mr. YUVARAJ T U Mr. SHIVASHANKAR G B	7,000.00	2022-23
46S_BE_2641	LIQUID NANO-CLAY : TRANSFORMING SOIL INTO FARMING " AN ENGINEERED SOIL"	Dr. SHARAN A S Dr. G. MANAVENDRA	Mr. VIJAY V KATTI Mr. DHANUSH S Mr. PRUTHVI K.G Mr. SUMEDH M	7,000.00	2022-23
46S_BE_3549	AN INNOVATIVE APPROACH FOR DESIGN AND FABRICATION OF SOFT AND STRETCHABLE ELECTRONICS	Dr. K. SADASHIVAPPA Dr. SHARAN A S	Mr. MANOJ N Mr. MANJUNATHA H M Mr. NAVEED AHMED D M Mr. VARUNKUMAR C N	6,000.00	2022-23
46S_BE_3667	DESIGN AND DEVELOPMENT OF DYE SENSITIZED SOLAR CELLS USING SYNTHETIC DYES	Dr. A.G.SHANKARA MURTHY	Mr. PUNITH S S Mr. CHETHAN S R Mr. PUNITH C DIXIT Mr. C SHANKAR NARAYANA	6,000.00	2022-23
47S_BE_1918	SYNERGY OF SUN AND WIND ENERGY: A HYBRID POWER GENERATION SYSTEM WITH DUAL AXIS SOLAR PANELS AND VAWT	Dr. A. B. VINAYAKA PATIL	Mr. S. R. JEEVAN Mr. VYSHAK KUMAR B. S. Ms. SHRUTI KULAGOD Mr. DEEKSHITH YADAV T. S	5,500.00	2023-24

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Technical talk was organised by Mech forum on the topic " Opportunities in Automotive industry for Mechanical Engineering " was held on 04-12-2023 in association with Institute of Engineers(IE) and ISTE students chapter BIET Davangere

Three-day Faculty Development Program on "Introduction to Modelling and Design for Manufacturing" Using Fusion 360 by AUTODESK

Sri Pradeep kallur Entrepreneur, Managing Director Medini Technologies Banglore, Inagurated.The Royal – Mech Forum Activities for the academic year 2023-2024 on 28-12-2023

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

The Royal Premier league (RPL) interdepartmental cricket tourment was conducted by ROYAL MECH FORUM in association with ISHRAE Hubli, Banglore Sub chapter was Inagurated by Dr.H B Arvinda, Principal, B I E T, Davangere on 04-03-2024

Sri M P Nagabhushan ,HVAC Manager DAIKINAirconditioning India Pvt ltd. Inaugurated the Students ISHRAE HVACR CLUB on 16-12-2023
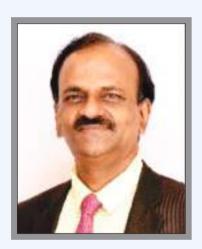
Team OMR" Winners of "Royal Premier league" cricket tournament 2023-24, champions of RPL 2023-24.

Dr. G Manavendra
ME PhD
Professor & Head

Dr. S Kumarappa
M Tech PhD
Professor

Dr. K C Devendrappa
M Tech PhD
Professor

Dr. A G Shankara murthy
M Tech PhD
Professor

Dr. Sharan A S
M Tech PhD
Associate Professor

M Krishna Murthy
M Tech
Asst. Professor

Teaching Staff

Umesh D E
M Tech
Asst. Professor

B S Umesh
M Tech
Asst. Professor
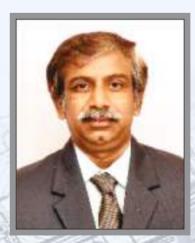
Dr S J Prashanth
M Tech Phd
Asst. Professor

Dr. T N Vijay Kumar
M Tech PhD
Asst. Professor

Dr. Ashoka E
M Tech PhD
Asst. Professor

Dr. Mohan T R
M Tech PhD
Asst. Professor

Teaching Staff

Hemanna K B
M Tech
Asst. Professor

Dr. Vinayaka Patil A B
M Tech PhD
Asst. Professor

Dr. Pradeep N R
M Tech PhD
Asst. Professor

Ravikumar H N
M Tech
Asst. Professor

Sushma A Patil
M Tech
Asst. Professor

Manjunath G M
M Tech
Asst. Professor

Santhosha M
M Tech
Asst. Professor

Non Teaching Staff

U M SURESH
DME
Instructor

V K MALLIKARJUNA
DME
Instructor
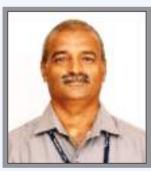
MRUTHYUNJAYA K
DME
Asst. Instructor

SHIVARAJU G N
Diploma (GT & TC)
Asst. Instructor
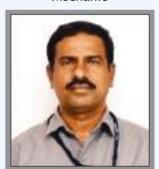
K R VEDAMURTHY
ITI
Mechanic

H N RAVIKUMAR
ITI
Mechanic

H HALISHI
2nd Standard
Helper

NINGAPPA H
PUC
Peon

BABA JAN S
ITI
Machine Operator

NAGENDRACHARI
ITI
Mechanic

JAGADISH A
ITI
Attender

DEPARTMENT OF PHYSICS

ABOUT THE DEPARTMENT

Bapuji Institute of Engineering and Technology was established in the academic year 1979-1980 and came in to being on 1st September 1979. Department of Physics, which was one of the very few earliest departments, started functioning on the same day itself in the textile block I-floor, with a floor area of 2700 Sq. The staff members of the department put hard efforts to train and motive the students, which bring about in average result of all these years is more than 95%. The department faculties are actively involved in publishing and presenting research papers in Journals and Conferences of National and International repute. Faculties are also involved in active research work in nano science, non-linear optics, crystal science, Bio-Physics etc. The department is also providing the facilities to cater the needs of UG and PG students of different streams to carry out their academic project works.

The Department was recognized as Research Centre and offers Ph.D. degree under Visvesvaraya Technological University, Belagavi in the year 2022 and presently 06 students are working for their Ph.D. degree. Department obtained the funding to conduct National level Seminar on Quantum Computing from Indian National Science Academy during October 2023 and also the faculty members are also actively involved institute level activities such as, National Service Scheme, CICC, etc.

MAJOR FACILITIES/RESEARCH FACILITIES

The department has crystal growth system by slow evaporation technique, Spin Coating Unit for thin films, basic facilities for nano materials synthesis.

The Department of Physics, is well equipped for students to understand the concepts physics which are applicable to Engineering field. The department has, Optical fiber expt. Setup, Laser Diffraction studies, Resonance studies, Oscillation studies expt. Setup, so on.

R & D Activities

The department of Physics, 04 faculty members were recognized as Research Supervisors/Guides from the Visvesvaraya Technological University, Belagavi, and Karnataka. The faculty members were actively in research and has published good research papers in esteemed journals in the field of Material Science and Mathematical modelling. There were 06 research scholars are actively involved in the above said field in the research center.

The department is actively involved in organizing the Conferences/Seminars for faculty and students. The Dept. of Physics organized the Two Days Seminar on "Quantum Mechanics", on 26th and 27th October 2023 in association with Indian National Science Academy (INSA), sponsored an amount of Rs. 50,000.00.

Important Events Conducted In The Department

Inauguration of Two Days Seminar on "Quantum Mechanics", Dr. S. P. Basavaraj, Professor, Dept. of Physics, Bengaluru as Chief Guest.

Student Induction Program-2024Invited Talk Chief Guest: Dr. Prashanathkumar Professor, Dept. of MBA, PESITM, Shimoga

Student Induction Program-2024Invited Talk Chief guest: Sri. Tygeeshwarananda Head, Ramakrishnasram, Davanagere

National Science Day-2023Chief Guest:Dr.S.Manjappa, Professor & Advisor, Jain institute of Technology , Davanagere

Invited Lecture :
Dr.B Nagaswaroop, Professor & Chairman, Department of PG Studies and Research in Chemistry, Davanagere University Davanagere

National Science Day-2024
Chief Guest: Dr.B P Nandeeshwarappa, Professor, Department of PG Studies and Research in Chemistry, Davanagere University Davanagere

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TEACHING STAFF

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Peon

Sri. C. B. Patil
Peon

DEPARTMENT OF TEXTILES

ABOUT THE DEPARTMENT

The Department of Textile Technology at Bapuji Institute of Engineering and Technology, Davangere, (BIET) (Karnataka), was established in the year 1981-82 with an initial intake of 30 students and later increased to 40 students. The Department of Textile Technology got its Research Centre status in the year 2000-2001 from Visvesvaraya Technological University, Belagavi. The department obtained 1st accreditation by NBA in the year 2001 for 3 years, 2nd accreditation in the year 2004 for 3 years and 3rd accreditation in the year 2008 for 5 years. The department offers B. Tech (Textile Technology) degree (4years) and Ph.D. (by research) Department is actively involved in research and consultancy projects with financial assistance from AICTE and DST, New Delhi.

The department has always excelled in imparting quality education to its students. The well-qualified faculty has a broad vision and dedication in shaping the careers of the students. In addition to the academic activities, national seminars, conferences and industrial visits have become a regular feature of the department. The students get trained not only for an attractive career but also for higher studies in and abroad.

Training & Placement: To touch the hearts and fulfilling the dreams of the students the department has much to offer. An in-house placement cell looked after by senior faculty members does all the hard work to conduct campus interviews for students by leading textile and garment industries. The conducive atmosphere in the campus and exclusive hospitality attracts many industries to visit the department. There is 100% placement in the department out of which 20% of the students are placed abroad in very good position and about 10% of them have become successful entreauprenaurs.

MAJOR FACILITIES/RESEARCH FACILITIES

The department of Textile Technology is furnished with well-equipped laboratories which are utilized as per VTU curriculum. All the equipment are procured from reputed organizations which manufacture them as per national and international standards. All the equipment are in working condition and are periodically calibrated.

Spinning Lab (OE Spinning M/c)

HIGH SPEED RAPIER LOOM (KING TEX)

Digital bursting strength tester

Spray tester

Digital wrap reel to find out count and lea strength of yarns

Electronic lea strength tester

Fabrofeel

High volume instrument (HVI)

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Workshop on Recent trends in Fabric Formation and Statistical Quality Control

Workshop on Production properties and application of Bast fibres

Texcreative-23

IMPORTANT EVENTS CONDUCTED IN THE DEPARTMENT

Add-on Course on Fashion and Apparel Design

Workshop on Textile fibres and its classifications

Tex Milana- Alumni meet-23
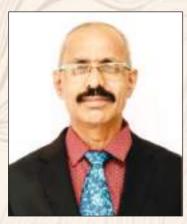
Teaching Staff
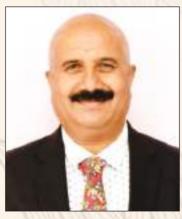
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Basavarajaiah
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Channabasamma P M
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Nagaraj M B
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Shanmukhaiah
Peon

Tayappa F
Peon

TRAINING AND PLACEMENT CELL

A paradigm shift in technology and innovation has made mandatory for an academic institute to foster a new generation of individuals equipped with divergent thought process, positive attitude, knowledge and technical skills to instigate new challenges for sustaining the increasing expectations of the industry. Hard work alone is no more the key to success, but individuals are expected to be consistent and work smart. Bapuji Institute of Engineering and Technology gives utmost importance in facilitating the students for felicitous placements in and off campus before their graduation. BIET strives hard to ensure that

Dr. Nirmala C R
Dean – Placement
Prof & Head, CS&E Department

every student gets the right skill & domain knowledge. The main objective of BIET is to create knowledge and competencies/skills required by the industries with strong academic foundations. Placement cell in association with various disciplines provides a conducive environment for students. The Institute organizes activities like industry expert talk, skill development workshops, Hackathons, coding competencies that enable students to be industry ready through its ties with alumni and industry. The institute also encourages students to accomplish projects that are societal, real-time and Industry relevant during their course of study. BIET nurtures young minds to acquire the required skill sets to seize the desired career.

Vision

To increase the employability skills of our students at institutional level; to furnish our students with conceptualized professional skills and guiding them towards the bright future and career all around the globe with hard work and justice.

Mission

1. To create maximum opportunities for the placements by establishing a rapport with the employers multinational companies.

2. To impart personality development training to the students to face the competitive era.

3. To motivate and guide students to make smart career choices.

4. To enable them to become ethical professionals with diverse skills.

Training & Placement Cell

Following staff members from various departments is assigned as Department Career Counseling Coordinators for the academic year 2023-2024.

Sl.No	Name	Designation	Status
1.	Dr. H B Aravind	Principal	Chairman
2.	Dr. Nirmala C R	Prof.& HOD, - CS & E	Dean, T&P - Convener
3.	Prof. Raghavendra N T	Asst.Prof, T & P	Placement Officer
4.	Dr. Chandrashekar S M	Asso. Prof., Textile	Dept. Coordinator
5.	Prof. Radhika Priya Y R, Prof. Yogesha K O	Asst.Prof., E& C E	Dept. Coordinators
6.	Dr. Ashoka E	Asst.Prof., Mech.	Dept. Coordinator
7.	Prof. Vishwanath V K , Prof. Arjun H,	Asst.Prof., CS&E	Dept. Coordinators
8.	Prof. Praveen Kumar G B	Asst.Prof., Civil	Dept. Coordinator
9.	Prof. Amaranath C H	Asst.Prof., Chemical	Dept. Coordinator
10.	Dr. Geetha M Prof. Roopa R	Asso. Prof., MCA Asst.Prof., MCA	Dept. Coordinator
11.	Prof. Madhuri Martis Prof. Chaitra K G	Asst.Prof., IS & E	Dept. Coordinators
12.	Prof. Karibasavaraju B	Asst.Prof., E & E	Dept. Coordinator
13.	Prof. Vasudeva Nayaka K.B.L	Asst. Prof., Biotech.	Dept. Coordinator
14.	Dr. Sreenivasa B R	Asso. Prof., CS & Design	Dept. Coordinator
15.	Dr. Varsha M	Asso. Prof., AI & ML	Dept. Coordinator
16.	Prof. Puneeth B H	Asst. Prof., CS & BS	Dept. Coordinator
17.	Prof. Bharath H C	Asst. Prof., Data Science	Dept. Coordinator

Placement Details - 2024 Batch

Sl.No.	Date	COMPANY	Selected	CTC in LPA
1	27-10-2022	SLK Software	11	2.9
2	11-07-2023	Vibs Infosol Pvt.Ltd	9	12
3	01-07-2023	Tessolve Semiconductors Pvt.Ltd	1	4
4	16-08-2023	Gigsky	3	9.7
5	05-10-2023	Aarbee Structures Pvt.Ltd	2	3
6	31-10-2023	Inube	11	4
7	13-12-2023	Destination Technology	15	5
8	09-12-2023	Zscaler	2	14.5
9	21-12-2023	Shahi Exports Pvt.Ltd	3	3
10	04-12-2023 & 05-12-2023	Accenture	35	4
11	15-01-2024	TCS-Ninja	24	3.3
12	15-01-2024	TCS-Digital	5	7.3
13	11-01-2023	Teachnook	27	4
14	18-01-2024	Talent Serve	95	5
15	05-01-2024	Indo-MIM	1	3.3
16	09-02-2024	Sansera Engg Ltd.	5	3.6
17	17-02-2024	Kasmo Technologies	8	3.25
18	12-02-2024	Intellipaat software solutions Pvt.Ltd	2	7.25
19	05-03-2024	Pentagon Space	15	CSR
20	11-03-2024	RSL Technology	2	4.29
21	14-03-2024 &15-03-2024	Sasken Technologies Ltd.	4	5
22	29-03-2024	MU Sigma	2	30
23	25-03-2024	ICSBIT LABS	2	3.5
24	18-04-2024	Shahi Exports Pvt.Ltd	12	3
25	18-04-2024	Palle Technologies	33	CSR
26	24 & 25-04-2025	CuraTeQ Biologics	27	3.6
27	22-05-2024	UHP Tech	1	3.29
28	01-06-2024	Delloite	1	4.5
29	03-06-2024	Echo Brains	3	3.2
30	13-05-2024	Tech Mahindra	3	3.25
31	19-07-2024	Cognizant	2	3.7
32	11-04-2024	TCS-Ninja	11	3.3
33	11-04-2024	TCS-Digital	9	7.3
34	22-05-2024	Global Quest	3	CSR
35	28-05-2024	Aravind Mills, Bangalore	5	3.6
36	12-06-2024	Laguna Clothing Pvt. Ltd.	2	4.37
37	28-05-2026	Gokaldas Exports Pvt.Ltd	3	3
38	18-07-2024	Vishwa Apparels	1	2.5
39	19-07-2024	Avery Dennision Pvt.Ltd	2	3.6
40	21-08-2024	Positex pvt. Ltd, Bangalore	1	3
41	12-08-2024	Wonderblues Apparels Pvt. Ltd	1	3
		Total	404	Average Salary 5.22 LPA
		Head Count	270	

Branch wise Offers Statistics is as follows (2023-2024) as of now:

Sl.No	Branch	Offers
1	Computer Science & Engineering	137 offers
2	Information Science & Engineering	83 offers
3	Electronics & Communication Engineering	30 offers
4	Electrical and Electronics Engineering	33 offers
5	Mechanical Engineering	33 offers
6	Civil Engineering	08 offers
7	Bio Technology	37 offers
8	Chemical Engineering	05 offers
9	Textile Technology	22 offers
10	Master of Computer Applications	16 offers

Placement Students-2024 Batch

NATIONAL SERVICE SCHEME
NSS BIET Unit

Dr. T. K. Krishna Kumar
Asst. Prof. in Physics
NSS Programme Officer, BIET Davangere

NSS programme Officer: T. K. Krishna Kumar,

Activities of undergone for the period
from April – 2022 to March - 2023

National Service Scheme – NSS BIET unit under the affiliated to the Visvesvaraya Technological University, Belagavi. NSS volunteers of BIET unit are actively participated in the Social services along with their studies.

Activities undergone for the year from April – 2022 to March - 2023 are;

1. NSS volunteers organized programme on **"Walkathon"** on a theme, **"Healthy World"** on the eve of **World Health Day on 07 – 04-2022,** in association with **Vijaya Vani** from BIET College to Jayadeva Circle There were 300 students were participated in the Jatha. **Dr. Prabha Mallikarjuna,** Governing Council Member, BEA, Davangere present on the occasion.

2. **An Awareness program** was organized on the theme **"Drug Free Karnataka"** for the students and faculty members at **Lord Basaveshwar Seminar Hall on 21-04-2022.** On this occasion **Sri. Rishyanth, Superintendent of Police, Davangere,** briefed the pros and cons of Drug and drug affected people. Sri. Manjunath, Police Sub Inspector, Davanagere delivered lecture on types of drugs, laws related drug etc.

3. NSS volunteers conducted and organized a **"Heart Checkup Camp"** on the eve of **"World Health Day" on 29-04-2022** at S.S.M Cultural Center, BIET, Davangere, and inaugurated by checked up by the Principal and Director of the college. On this occasion staff, students and family members were tested for ECG, ECHO, BP and Sugar test.

4. A **Blood Donation Camp** was organized on **09-06-2022** in association with Dept. of Mechanical Engineering, and Youth Red Cross Wing, Davangere. NSS volunteers and students and teachers were actively participated and donated the blood for the noble cause, **55 units of blood** was donated by the students and volunteers of Bapuji Institute of Engineering and Technology, Davangere.

5. NSS volunteers conducted and organized on **"8th International Yoga Day - 2022"** in association with Dept. of Textiles and Youth Red Cross Wing, on **21-06-2022,** Yoga

was performed by **Sri. Jnanachandra,** Yoga Teacher, Davangere and explained about importance of yoga to the students and faculty members.

6. NSS volunteers organized and actively participated in **"Tree Plantation and Jatha"** on the eve of **World Environment Day on 04-06-2022,** in association with Dept. of Electronics and Communication, BIET, Davangere.

7. NSS volunteers organized programme on **27-06-2022** on the eve of "World Environment Day". Dr. H. B. Aravind, created awareness among the faculty by delivering lecture on **"One Earth". Er. M Lakshmana, FIE, Chairman, IEI Karnataka Chapter, and Dr. Enti Rangareddy, Hon. Sec., IEI, Karnataka State** were present on the occasion.

8. NSS volunteers organized programme on **"Walkathon"** on a theme, **"Drug Free Karnataka" on 16 – 07-2022,** in association with **Vijaya Karnataka** from BIET College to Jayadeva Circle via Gundi Mahadevappa Choultry. There were 300 students were participated in the Jatha

9. Organized the **Two days (02) NSS Village Camp at Nandithavari, Harihara,Davangere from 23-07-2022 to 24-07-2022, under School Bell Program, Yuvaka Sangha, Bengaluru** on the theme **"Campus 2 Community".**

10. NSS volunteers organized, **An Awareness program Link the Aadhar Number in VHA portal on 08-08-2022** in the college campus. NSS coordinators of all the departments actively participated in the event and created awareness and help the students and faculties to Link the Aadhar number with Voter ID.

11. A **Blood Donation Camp** was organized on **18-10-2022** in association with S.S. Institute of Medical Sciences and Research, (SSIMRC), Davangere, Dept. of Textile Technology, and Youth Red Cross Wing, Davangere. NSS volunteers and students and teachers were actively participated and donated the blood for the noble cause, **102 units of blood** was donated by the students and volunteers of Bapuji Institute of Engineering and Technology, Davangere. **Dr. H. B. Aravind,** Principal, **Prof. Y. Vrushabhendrappa,** Director, BIET and **Dr. Shashikala Krishnamurthy,** Professor and Head, Dept. of Pathology, S.S. Blood Group were inaugurated the camp.

12. NSS volunteers organized, **"Koti Kanta Gayana program"** on the eve of **"67ᵗʰ Kannada Rajyotsava", at S.S.Mallikarjuna Cultural Center, BIET,** and Davangere on **28-10-2022. Six Kannada Patriotic songs were sung by the all the students and faculties and show their respect to the Kannada Nadu.** Dr. H.B.Aravida, Principal, Prof. Y. Vrushabhendrappa, Director, BIET, address the students and faculties on the occasion. Dr. G.P.Desai, Professor and Head, Dept. of Biotechnology, inspired the audience by his melodious songs.

13. NSS volunteers organized programme on **"Walkathon"** on a theme, **"Voter Awareness Program" on 09 – 11-2022,** in association with **CEO, Govt. of India, ZP, Davangere** and **ELC – BIET unit,** started from BIET College to High School Field via Gundi Mahadevappa Choultry. There were 100 students were participated in the Jatha

14. A unique program **"Udyamsheel -2022"** was organized in association with Dept. of Information science and Engineering for 5ᵗʰ semester students, to encourage their

innovative ideas into industry and commercial approach on **15-11-2022.** Principal and Director of BIET were present on the occasion.

15. NSS volunteers conducted and organized a **"Constitution Day"** in association with Dept. of Computer Science and Engineering on **26-11-2022, Dr. H. B. Aravinda,** Principal, BIET, read the oath and Preamble of Constitution and address the NSS volunteers on the occasion.

16. **Dr. T. K. Krishna Kumar, NSS Programme Officers, BIET,** presented a lecture on **"Aim and Activities of NSS"** of College and VTU-Belagavi on **01-12-2022** during the **Student Induction Programme – SIP-2022,** for the **I year B.E.** Students.

17. NSS volunteers conducted and organized a **"125th Birth Anniversary of Nethaji Subhas Chandra Bose"** in association with Srujana Cultural Initiate, Davangere, on **10-12-2022** Sri. Ravikiran J. P Convener, Srujana Cultural Initiate, Bellary address the students and faculty members.

18. Two NSS volunteers, Sushma H B and Hamsa H. R from first year B.E., has participated, the competition organized by **Student Welfare Council, V.T.U, Belagavi** on the topic **"Cooperative Movement" on 19-01-2023,** at V.T.U Belagavi.

19. NSS volunteers conducted and organized a **"National Voter's Day" on 25-01-2023,** in their respective departments by taking **pledge on Vote** and given awareness on importance of Vote and Voter ID.

20. NSS volunteers conducted and organized a **"Martyr's Day" on 30-01-2023, at 11am,** in their respective departments by taking Two minutes mourning to respect the freedom fighters and given importance of the freedom.

21. NSS volunteers conducted and organized a **"Cancer Awareness Program, Jatha, from High School field to Gundi Choultry Circle via Dange Park, Nittuvalli, Davangere"** in association with **Prajavani and Deccan Herald, on 04-02-2023.** There were more than 350 students were participated in the event.

Events Photographs for the year 2022-2023

Walkathon on the eve of World Health Day in association with Vijaya Vani on 07-04-2022

Drug Free Karnataka in association with Vijaya Karnataka and Davangere Police on 21-04-2022

Events Photographs for the year 2022-2023

" Heart Checkup Camp" in association with YRCW – BIET on 29-04-2022

Blood Donation Camp in association with Dept. of Mechanical Engg. BIET on 09-06-2022

International Yoga Day in association with Dept. of Textile Technology on 21-06-2022

World Environment Day - Go Green in association with Dept. E&C on 04-06-2022

World Environment Day in association with IEI on 27-06- 2022

Walkathon on the eve of Drug Free Karnataka in association with Vijaya Karnataka on 16-07-2022

Events Photographs for the year 2022-2023

NSS Village Camp at Nandithavari, Harihara,
Davangere from 23-07-2022 to 24-07-2022

Blood Donation Camp in association SSIMRC
on 18-10-2022

Koti Kanta Gayana program" on the eve of
"67th Kannada Rajyotsava" on 28-10-2022

"Walkathon" on a theme, "Voter Awareness
Program" on 09-11-2022,

"Udyamsheel -2022" in association with Dept. of
Information science and Engineering on 15-11-2022

"Constitution Day" in association with Dept. of
Computer Science and Engineering on 26 – 11-2022

Events Photographs for the year 2022-2023

"National Voter's Day" on 25-01-2023

" Martyr's Day" on 30-01-2023, at 11am

YOUTH RED CROSS WING
BIET unit

Youth Red Cross Wing- YRCW

Details of the Activities undergone for the period from April – 2023 to March – 2024 under Youth Red Cross Wing- YRCW BIET unit. YRCW affiliated to the Visvesvaraya Technological University, Belagavi. YRCW volunteers of BIET unit are actively participated in the social services along with their studies.

Activities undergone for the year from April – 2023 to March - 2024 are :

Dr. S M Chandrasekhara,
Assoc. Prof. in Textile Technology,
YRCW programme officer,
BIET, Davangere

1. YRCW volunteers were organized a programme on 05-06-2023 on the eve of "World Environment Day". Dr. H. B. Aravind, created awareness among the faculty by delivered a lecture on Solution for plastic pollution" at S.S. Mallikarjuna Cultural Center, BIET Davangere. Sri. Shivananda Kapashi, Deputy Commissioner, Davangere were present on the occasion.

2. YRCW volunteers were conducted and organized on "9th International Yoga Day - 2023" in association with Dept. of Textiles and NSS, on 21-06-2023, Yoga was performed by Sri. Jnanachandra, Yoga Teacher, Davangere and explained about importance of yoga to the students and faculty members.

3. An Awareness program was conducted by the YRCW volunteers on the theme "Drug Free Karnataka" for the students and faculty members at Lord Basaveshwar Seminar Hall on 06-07-2023. On this occasion Dr. K. Arun, Superintendent of Police, Davangere, briefed the pros and cons of Drug and drug affected people. Sri. Manjunath, Police Sub Inspector, Davanagere delivered lecture on types of drugs, laws related drug etc.

4. YRCW volunteers organized programme on "Kargil Vijay Diwas" on a theme, "Role of Engineers in Defense sector towards Nation building" on 26 – 07-2023, in association with IQAC, IIC YRCW, NCC and Science Forum- BIET. Capt. Naveen Nagappa Anaberu, Param Veer Chakra awardee and supdt. Engineer, Ministry of Defence, Bengaluru addressed the students.

5. YRCW volunteers organized a "Special Lecture" on a theme, "India Meditates" on 26 – 07-2023, in association with IQAC, IIC YRCW, NCC and Science Forum- BIET. Sri Pavan Kumar, Software Engineer, Bengaluru and Teacher, Art of Living, Bengaluru addressed the students and faculties.

6. Dr. S M Chandrasekhara, YRCW Programme Officer, BIET, presented a lecture on "Aim and Activities of YRCW" of College and VTU-Belagavi on 25-06-2023 during the Student Induction Programme – SIP-2023, for the I year B.E. Students.

7. YRCW volunteers organized A Blood Donation Camp on 22-08-2023 in association with S.S. Care Trust, Davangere, Dept. of Textile Technology, and NSS, Davangere. YRCW volunteers and students and teachers were actively participated and donated the blood for the noble cause, 65 units of blood was donated by the students and volunteers of Bapuji Institute of Engineering and Technology, Davangere. Dr. H. B. Aravind, Principal, Prof. Y. Vrushabhendrappa, Director, BIET were inaugurated the camp.

8. YRCW volunteers participated in the programme on "Walkathon" on a theme, "Drug Free Karnataka" on 30 – 08-2023, in association with Vijaya Karnataka from BIET College to Jayadeva Circle via Gundi Mahadevappa Choultry. There were 300 students were participated in the Jatha.

9. YRCW volunteers actively involved in the programme on "56th Engineer's Day - 2023" on a theme, "Engineering innovation for a more resilient world" on 20 – 09-2023, in association with IEI, ISTE. Er. D.G. Benakappa, Executive Director, Vijay Technologies Pvt. Ltd. Were present on the occasion.

10. YRCW volunteers actively involved in the creating awareness and making them registration for campaign of MY BHARATH, Autonomous body of Govt. of India. Dr. Krishna Kumar T K, NSS program officer, registered as Verifier. Nearly 500 students were register in the portal.

11. YRCW volunteers conducted and organized a "Constitution Day" in association with Dept. of Computer Science and Engineering on 26 – 11-2023, Dr. H. B. Aravinda, Principal, BIET, read the oath and Preamble of Constitution and address the NSS volunteers on the occasion.

12. YRCW volunteers conducted and organized a "National Voter's Day" on 25-01-2024, in their respective departments by taking pledge on Vote and given awareness on importance of Vote and Voter ID.

13. YRCW volunteers conducted and organized a "Martyr's Day" on 30-01-2024, at 11am, in their respective departments by taking Two minutes mourning to respect the freedom fighters and given importance of the freedom.

Photographs for the year 2022-2023

World Environment Day on 05-06-2023

9th International Yoga Day in association with Dept. of Textile Technology on 21-06-2023

Photographs for the year 2022-2023

Drug Free Karnataka in association with Vijaya Karnataka and Davangere Police on 06-07-2023

Kargil Vijay Diwas on 26-07-2023

Special Lecture on " India Meditates"

Blood Donation Camp in association with S.S. Care Trust on 22-08-2023

Walkathon on the eve of Drug Free Karnataka in association with Vijaya Karnataka on 30-08-2023

56th Engineers Day on 20-09-2023

"Constitution Day" in association with Dept. of Computer Science and Engineering on 26-11-2023

"National Voter's Day" on 25-01-2024

" Martyr's Day" on 30-01-2024

BIET Alumni Association

Prof. M C Patel
Secretary
BIET, Alumni Association

Dr. K C Devendrappa
Dean-Alumni affairs & Treasurer
BIET, Alumni Association

Bapuji Institute of Engineering and Technology, Davanagere came in to existence in the year 1979. About 25,000 students have successfully passed out from this institute and working in various organizations across the country and globe. These alumni have immensely contributed to the overall development of the institute. B.I.E.T. Alumni Association was started in the year 1994. Alumni Association includes all alumni as members who will elect its Secretary and the working committee time to time. Principal of BIET will be the president of the chapter.

Alumni have contributed lot to the growth of the institution. Many alumni have given invited talks about the recent development in the field. Those alumni who are in top position have helped our students in getting various kinds of employment through campus and off campus selections. Many alumni have helped our students for industrial visits and internship training. In addition to this, with the contribution of alumni, a guest house with construction cost of around 60 lakhs has been built in the campus. Many alumni have donated various equipment, LCDs computers etc. which are being used by the students. Alumni have also helped in conducting various Seminars, Symposium, workshops etc. Some alumni have extended software training to our present students. It is the vast alumni network which gives feedback about curriculum and other activities conducted in the institute from time to time.

Articles

SOCIAL ENGINEERING IN CYBER SECURITY

Cyber security is the practice of protecting critical systems and sensitive information from digital attacks.Cyber-attacks are the fastest growing crime globally.With around 2,220 cyber-attacks each day, that equates to over 800,000 attacks each year. Total cost of cybercrime globally has added up to over $1 trillion in 2018.Approximately $6 trillion is expected to be spent globally on cyber security by 2022.95% of cyber security breaches are due to human error.

WASEEM KHAN
Assistant Professor
Department of Computer Science and Engineering
Bapuji Institute of Engineering and Technology

Motivesof Attack

- Theft of sensitive information
- Disruption of services
- Illegal access to or use of resources

Social Engineering is the art of manipulating people so that they give up confidential information or break standard security practices.

Facts about Social Engineering

- Everyone is a potential target!
- It's often easier for cybercriminals to manipulate a human than a computer network or system.
- Attacks can be relatively low-tech, low-cost, and easy to execute.
- Technology is rapidly accelerating along with the sophistication of attacks.

Social Engineering Attack Cycle

- Prepare the Attack
- Establish a Relationship
- Obtain Information
- Close the Interaction

Common Social Engineering Attacks

- **Pretexting:** Pretexting is a social engineering technique in which a fictional situation is

created for the purpose of obtaining personal and sensitive information from an unsuspecting individual.

- **Baiting:** Involves offering something physically or digitally enticing to a target in exchange for login information or private data.

- **Scareware:** Malicious computer programs designed to trick a user into buying and downloading unnecessary and potentially dangerous software, such as fake antivirus protection.

- **Ransomware:** Malicious software (malware) that prevents users from accessing their system or personal files and demands a ransom payment from the user in order to regain access.

- **Phishing:** A type of attack often used to steal user data, including login credentials, personally identifiable information or credit card numbers.

Security Tools

- Wireshark
- N-Map
- Nessus
- Kali Linux
- Burp Suite

New Technology Trends for 2024: New Tech Horizons

Dr. Santosh K C
Associate Professor
CSE Department, B.I.E.T., Davangere
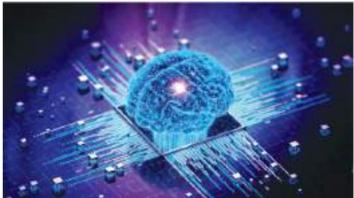
Technology today is evolving at a rapid pace, enabling faster change and progress, causing an acceleration of the rate of change. However, it is not only technology trends and emerging technologies that are evolving, a lot more has changed, and making IT professionals realize that their role will not stay the same in the contactless world tomorrow. And an IT professional in 2024 will constantly be learning, unlearning, and relearning

1. Generative-AI

Generative AI, a cutting-edge technology, has revolutionized various industries by enabling machines to create content that resembles human-generated work. It encompasses a wide range of applications, from text generation to image synthesis and even music composition.Some of the top job roles include:

- AI Researcher, where you can delve deep into the development of advanced generative models
- Data Scientist, using generative AI to extract valuable insights from data
- Content Creator, harnessing generative AI for innovative storytelling
- AI Ethics Consultant, addressing the ethical implications of AI-generated content

2. Smart(er) Devices

Artificial intelligence has played an essential role in making our world smarter and smoother. It is not just simulating humans but going the extra mile to make our lives hassle-free and simpler. These smarter devices are here to stay in 2024 and even further, as data scientists are working on AI home robots, appliances, work devices, wearables, and so much more! Almost every job needs smart software applications to make our work life more manageable.

Here are the best jobs you can venture into:
- IT Manager, Data Scientists
- Product Testers, Product Managers

- Automation Engineers, IT Researchers

3. Datafication
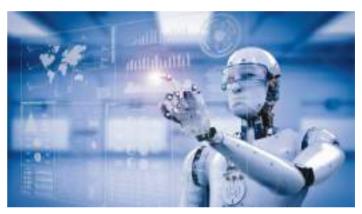
Datafication is simply transforming everything in our lives into devices or software powered by data. So, in short, Datafication is the modification of human chores and tasks into data-driven technology. From our smartphones, industrial machines, and office applications to AI-powered appliances and everything else, data is here to stay for longer than we can ever remember!

- Big Data Engineers, Robotics Engineers
- IT Architect, Business Intelligence Analyst, Data Scientists

4. Artificial Intelligence (AI) and Machine Learning

Artificial Intelligence, or AI, has already received a lot of buzz in the past decade. Still, it continues to be one of the new technology trends because its notable effects on how we live, work and play are only in the early stages. AI is already known for its superiority in image and speech recognition, navigation apps, smartphone personal assistants, ride-sharing apps and so much more. Mastering AI and machine learning will help you secure jobs like:

- AI Research Scientist, AI Engineer, Machine Learning Engineer
- AI Architect

5. Extended Reality

Extended reality comprises all the technologies that simulate reality, from Virtual Reality, Augmented Reality to Mixed Reality and everything else in-between. It is a significant technology trend right now as all of us are craving to break away from the so-called real boundaries of the world. By creating a reality without any tangible presence, this technology is massively popular amongst gamers, medical specialists, and retail and modeling. Check out the best jobs in AR, VR as well as ER:

- Extended Reality Architect, Front Lead Engineer

- Software Developer, AR/VR Support Engineers
- Game Designers, Pro Gamers, Creative Directors

6. Digital Trust

With people being accommodated and tangled with devices and technologies, confidence and trust have been built towards digital technologies. This familiar digital trust is another vital trend leading to more innovations. With digital conviction, people believe that technology can create a secure, safe and reliable digital world and help companies invent and innovate without worrying about securing the public's confidence. Here are the top jobs you can find in cybersecurity and ethical hacking:
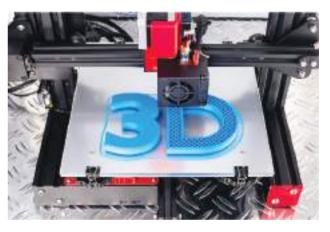
- Cybersecurity Analyst, Penetration Tester, Security Engineer
- Security Architect, Security Automation Engineer, Network Security Analyst

7. 3D Printing

A key trend in innovation and technology is 3D printing which is used to formulate prototypes. This technology has been impactful in the biomedical and industrial sectors. None of us thought of printing a real object from a printer, while right now, it's a reality. So, 3D printing is another innovation that's here to stay. For companies in the data and healthcare sector that require a lot of 3D printing for their products, various jobs pay well and are international.

- CX Program Manager, 3D Printer Engineer, Emulation Prototyping Engineer
- Robotics Trainer, AI Engineer, Operations Manager, Organ & Prosthetic Designer
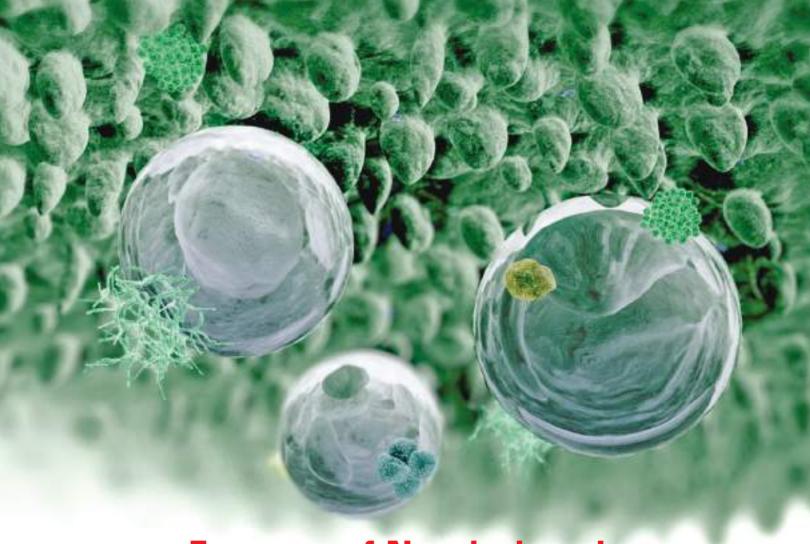
8. Robotic Process Automation (RPA)

Like AI and Machine Learning, Robotic Process Automation is another technology that automates jobs. RPA is the use of software to automate business processes such as interpreting applications, processing transactions, dealing with data, and even replying to emails. RPA automates repetitive tasks that people used to do. Mastering RPA will help you secure high-paying jobs like:

- RPA Developer, RPA Analyst, RPA Architect.
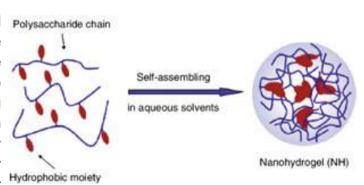
Features of Nanohydrogels

Nanogels are commonly defined as nanohydrogels with a three-dimensional nanosized structure formed by chemically or physically cross-linked swellable polymer network systems that can retain large quantities of water while maintaining their structural integrity.
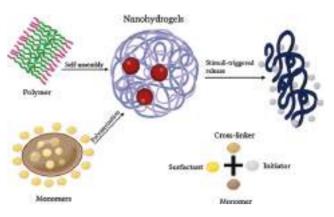
Nanogels are three-dimensional hydrogel materials in the nanoscale size range formed by crosslinked swellable polymer networks with a high capacity to hold water, without actually dissolving into the aqueous medium. Nanogels can be composed of a variety of naturally occurring polymers, synthetic polymers or a combination thereof. Their characteristics such as size, charge, porosity, amphiphilicity, softness, and degradability can be fine-tuned by varying the chemical composition of the nanogels. They are mostly spherical particles but the current advancement in synthetic strategies allow for the fabrication of nanogels of different shapes. They can be also designed to have either a core-shell or a core-shell-corona structure, with at least one of the layers crosslinked for structural integrity. Being mostly hydrophilic in nature, nanogels are highly biocompatible with a high loading capacity for

guest molecules and their unique physical properties offer them distinct advantages over other types of nanomaterials for biomedical applications. Nanogels not only protect the cargo from degradation and elimination but also participate actively in the delivery process due to their characteristic properties like stimuli-responsive behavior, softness and swelling to help achieve a controlled, triggered response at the target site.

The versatility of their architecture allows for incorporation of a plethora of guest molecules ranging from inorganic nanoparticles to biomacromolecules like proteins and DNA with suitable modifications of the materials used for their construction, without compromising their gel-like behavior. This multifunctionality and stability is hard to find in other types of nanoparticulate systems, especially the ability to incorporate entities with very different physical properties within the same carrier.

Inorganic nanomaterials have distinct material properties like optical activity, electrical conductivity and magnetic properties that make them suitable for in vivo diagnostic and imaging applications, but they suffer from limitations of poor colloidal stability, low aqueous solubility and rapid elimination by the mononuclear phagocytic system (MPS). Polymeric nanogels can be used as carriers for such imaging probes by imparting stability and increasing their utility. This lead to the evolution of a new class of agents termed 'nanohybrids' which are nanogels incorporating inorganic materials. Such nanohybrids can contain a wide variety of diagnostic and imaging agents for different types of medical conditions.

Nanogels prevent biomolecules like enzymes and genetic material from degradation while their own macromolecular properties help increase the circulation half-lives of small molecules, and serve as a highly convenient platform for combination delivery of therapeutic molecules. They can be targeted specifically to the site of interest by conjugation with a targeting ligand or due to the passive targeting that is a characteristic feature of their nanoscale size. Despite such diversity in their applications, nanogels are not yet a part of clinical use. Many comprehensive and more specialized review articles on synthesis and application of nanogels were recently published in the journals of international repute by many researchers.

Applications:

Nanohydrogels engineered from natural sources have drawn remarkable attention due to their vast applications in pharmacy, agriculture, medicine, tissue engineering, cancer therapy, and drug delivery. Natural source isolated polymers such as gelatin, chondroitin, alginate, pullulan, etc. These polymer-based engineered nanohydrogels were constructed with several different strategies such as ionic interaction-based nanohydrogels, crosslinking based nanohydrogels, etc. Here, we have classified natural source-based polymeric nanohydrogels and their constructive assemblies and functionalizations.

Quantum Computing: Bridging Science and Spirituality in the Digital Age

Quantum computing, a revolutionary concept, blurs the boundaries between science and spirituality, promising unparalleled computational power. Operating beyond binary constraints, it harnesses superposition for vast data capacity. Imagine a future where a smartphone-sized chip rivals entire data centers. However, building quantum computers requires meticulous control over the chaotic nature of quantum particles.

Innovative methods for building quantum computers include trapping and manipulating individual atoms or ions with electromagnetic fields to create qubits. Alternatively, superconducting circuits fabricated on microchips can also serve as platforms for qubits, manipulated by microwave signals. These approaches promise scalability and compatibility with current semiconductor technologies, facilitating the development of practical quantum computers.

The race towards quantum supremacy is in full swing, with major tech players heavily investing in research and development. Quantum computing's potential spans from revolutionizing biotechnology to unraveling the mysteries of the universe. Beyond its technological prowess, quantum computing hints at a future where science and spirituality converges, embracing the interconnectedness of existence and challenging binary limitations.

As we venture further into the quantum realm, it becomes increasingly clear that the future of computing is not merely a matter of technological advancement but a journey toward deeper understanding and enlightenment. It is a reminder that innovation is not confined to the realm of science alone but is intricately woven into the fabric of our collective consciousness.

In the end, quantum computing represents not just a leap forward in computational power but a leap forward in humanity's quest for knowledge and understanding. It is a testament to our relentless pursuit of progress and our capacity to transcend the limitations of the present. As we stand on the precipice of a new era in computing, one thing is certain: the journey into the quantum realm has only just begun.

Summary

Quantum computers represent a shift towards a more nuanced understanding of technology, embodying the concept of "both/and" rather than "either/or. "Unlike classical computers which operate on binary states (0 or 1), quantum computers utilize superposition, allowing for storage and processing of data between 0 and 1, exponentially increasing data capacity. Building quantum computers faces challenges due to the unpredictable nature of quantum particles, requiring control over chaotic conditions.

- **Dr. Sharan A. S.**
Associate Professor

ಭಾರತ ಒಂದು ದೊಡ್ಡ Nation

ಐದು ವರ್ಷಕ್ಕೊಮ್ಮೆ ನಡೆಯುತ್ತಿದೆ Election
ಮಾಡುತ್ತಿದ್ದೇವೆ ಕಳ್ಳರ selection
ಇವರಿಂದ ದೇಶದ ತುಂಬಾ Pollution
ಜನರಿಗೆಲ್ಲ Eduation
ಆದರಿಂದ ಬೆಳೆಯುತ್ತಿದೆ Population
ಬಡವರಿಗೆ ಸಿಗುತ್ತಿಲ್ಲ ಒಂದೊತ್ತಿಗೆ Ration
ಆದರೂ ಇಲ್ಲಿ ನಡೆಯುತ್ತಿದೆ Function
ಮಾಧ್ಯಮಗಳು ಮಾಡುತ್ತಿವೆ Confusion
ಇವರಿಂದ ಸಿಗುತ್ತಿಲ್ಲ ಸರಿಯಾದ Direction
ಕೊನೆಗಾಣಿಸಬೇಕಾಗಿದೆ ಈ Generation
ಅದಕ್ಕಾಗಿ ಹುಡುಕಬೇಕಾಗಿದೆ Solution
ಆಗ ಬೇಕಾಗಿದೆ Revolution
ಇದರಿಂದಾಗುವುದು ಭಾರತ ಒಂದು ಸುಂದರ Nation

By
Raghavendra V Revankar
4BD21EC072

CHALLENGES WE OVERCOME AS STUDENTS-I

One fine day I just came across a friend of mine who was absent for the college from past 2 weeks. When I asked her what was wrong, she explained the reason to me in detail. At that moment, I just thought of one thing. "What all challenges do students face during their period of education?" And that's when a bell rang in my mind to write an article on this topic.

College is a place where students and teachers come together to share their knowledge with each other leaving all the boundaries such as caste, religion, race and sex behind. And to be honest that's the best part of student life. Here we make mistakes, we fail and we learn to fight with our insecurities and succeed.

Every human face challenges in his/her life every day. And being a student myself, I would love to keep a few of them in front of you. There's a huge possibility that some situations which I mention here, might relate to a few of you reading this.

A student was heading back after a birthday celebration at a friend's place. On his way back, a drunk middle aged man, lost his balance and clashed with the student's bike. The student has his left hand fractured and a few wounds had made their mark on his body. Now, this student was staying in a separate room and had no one from his family who resided in this city.

How hard it must've been for him to manage such a disaster all alone?

A student finished her classes and was packing her bags to get back home. That was when she realised that the money her parents gave her to pay the college fee was missing. The girl searched for it everywhere. She couldn't even complain because she knew that she was being careless with her bag and could have dropped it somewhere even outside the campus. She informed this to her parents and she was punished for being that careless.

How difficult would it be for her to go through so many things all be herself?

These situations are just a glimpse. There are many such stories of our own batchmates. And being in our "RESPONSIBILITY CARRYING" periods, we should also learn from the mistakes made by others.

All of us have come across so many friends and family members who couldn't face the situations ahead of them and tried giving up on their life so many times. Moreover, in this gen-z era, suicide has become a solution to almost everything. To all the people who think that they are the only ones who face problems in their life, I would just tell them one thing. You are not alone in this "MAZE OF LIFE". It's just a phase and you have to go through it if you really want to see yourself succeed. Remember giving up on your life would be a great loss. Challenges are faced by everyone. It's just that some stay positive and always find a fruitful future and the rest end up giving up very easily and lose a luxurious life ahead.

Choice is totally yours!

Likitha C Pujar
6th Semester Dept. of EEE

ಪುನೀತ್ ರಾಜಕುಮಾರ್
ಬಾಲ್ಯದಲ್ಲಿಯೇ ಅರಳಿದ ಹೂವು
ಅಮರವಾದ ಬೆಟ್ಟದ ಹೂವು
ಲೋಕಹಿತನಾಗಿ ಜನ್ಮತಾಳಿದ
ಅಭಿಮಾನಿಗಳ ದೇವರಾಗಿ ಅಮರನಾದ...
ತ್ರಿವಳಿಗಳಾಗಿ ಇದ್ದರೂ
ಈಗ ಅವಳಿಗಳಾದರೂ
ಇದೇ ಅಲ್ಲ ಜೀವನ
ಜೊತೆಗಿರದ ಜೀವ ಎಂದಿಗೂ ಜೀವಂತ...
ನಟಿಸಿದ ಚಿತ್ರಗಳೆಲ್ಲಾ ಒಂದೊಂದು ಅರ್ಥ ಕೊಟ್ಟರೆ
ಇವರ ನಿಜ ಜೀವನ ಎಲ್ಲತರಹದ ಅರ್ಥ ಕೊಟ್ಟಿತು
ವಯಸ್ಸಾದವರಿಗೆ ದಾನ ಮಾಡುವ ಗುಣ
ಯುವಕರಿಗೆ ಸ್ಫೂರ್ತಿಯ ತಾಣ
ಮಕ್ಕಳ ಕಲಿಕೆಗೆ ಕಲ್ಪಿಸಿಕೊಟ್ಟ ಆಶ್ರಯ
ಅಪ್ಪು ಎಂದೇ ಖ್ಯಾತಿ ಆದ......
Appu forever ♥

— jyoti holi

ನನ್ನ ಗೆಳೆಯನಿಗೊಂದು ಕವನ
ಯಾರಲ್ಲಿಯೂ ಕಾಣದ ಸೆಳೆತ ನಿನ್ನಲ್ಲಿ ಕಂಡೆ
ನಾ ಬೆರೆತು ಹೋದೆ ನಿನ್ನ ಆ ಮನಸ್ಸು ನೋಡಿ
ಯಾವಾಗ ಹೇಳಲಿ ಈ ಪ್ರೇಮದ ಪಯಣ
ನಿನ್ನ ನೋಡಲು ಹಾತೊರೆದಿದೆ ನನ್ನ ನಯನ
ಮುಗುಳ್ನಗೆಯ ನಸ್ಮೊಡೆಯನು
ಕಾಯಕದಲ್ಲಿ ಬಹಳ ಜಾಣನು
ನನ್ನ ಜೀವನದ ಅರಸನು
ನಾ ಇನ್ನೂ ಮರೆತಿಲ್ಲ ನಿನ್ನ ನೆನಪನು
ನೀ ದೂರ ಇದ್ದಾಗ ನನ್ನ ಮನಸ್ಸು ಮಿಡಿಯಿತು
ಮಾತನಾಡಿಸಲು ಮೌನ ಮರೆಯಾಯಿತು
ನಮ್ಮ ಪ್ರೀತಿಯ ಪಯಣದಲಿ
ನೀ ಒಪ್ಪಿದರೆ ಒಂದಾಗೋಣ ಜೊತೆಯಲಿ
ಖುಲಿ ಸಾಗುತಿದೆ ಜೀವನ ಸಂಚಾರದಲಿ
ಹೇಳಲು ಬಯಸುವೆ ಪ್ರೀತಿಯನು
ಕಾಯುವೆ ನಿನ್ನ ಆ ಮರುಳುತ್ತರದ ಹಾದಿಯನು
ಬೆಸುಗೆಯ ಸಮಯ ಬಂದಾಗ
ನಿನ್ನ ಆ ಸೊಬಗು ನಾ ಕಂಡಾಗ
ನನ್ನ ಪ್ರತಿಯೊಂದು ಕಥೆಯ ಆರಂಭ ನೀ
ಈ ಕವನದ ಸಾರಾಂಶ ನೀ..... ❤
-Jyoti holi

Jyothi Holi
4BD23MC057
I Sem 'A' Section

ಶಾಲಾ ಜೀವನ ಹೈಸ್ಕೂಲ್

ಬಟ್ಟ ಬಯಲು ಪ್ರದೇಶದ ಆವರಣ
ವಿಸ್ತೀರ್ಣದ ಅನಾವರಣ
101 ಅಂಕಿಗಳ ಕೌರವರ ಸೈನ್ಯ ನಮ್ಮದು
ಪಂಚಪಾಂಡವರು ಯುದ್ಧ ಮಾಡತೊಡಗಿದರು
ಅವರೇ ನಮ್ಮ ಶಿಕ್ಷಕರು
ಪಾಠ ಹೇಳುವರ ಕೊರತೆ ಇರಲಿಲ್ಲ
ಪಾಠ ಕೇಳುವವರಿಗೆ ಮನಸೇ ಇರಲಿಲ್ಲ
ಪ್ರೇಯಕನಿಗೆ ಪ್ರೇಯಸಿಯ ಚಿಂತೆ
ಆದರೆ ಓದುವುದಿದೆ ಕಂತೆ ಕಂತೆ
ಕನ್ನಡ ತರಗತಿ ಶಿಸ್ತು ಬದ್ಧ
ತರಗತಿಗೆ ಕೂರುವರು ಎಲ್ಲದಕ್ಕೂ ಸಿದ್ಧ
ಶಾಲೆ ಇರುವುದು ಏಳು ತಾಸು
ಫಲಿತಾಂಶದಲ್ಲಿ ಬರಬೇಕು ಎಲ್ಲಾ ಪಾಸು
ನಿದ್ದೆಗೆ ಜಾರುವ ವೇಳೆ
ಗಣಿತ ತರಗತಿಯ ಪಾಳಿ
ಎಲ್ಲದರಲ್ಲೂ ಪಾರಾಗುವುದು ನಮ್ಮ ಬಾಳೆ

ಸಂಜೆಯ ಹೊತ್ತಿನ ಆಟ
ಇನ್ನೂ ಮರೆತಿಲ್ಲ ಆ ತುಂಟಾಟ
ಕಳೆದೆವು ಆ ಮೂರು ವರ್ಷ
ಆದರೆ ಆ ಕ್ಷಣ ಮರೆಯೊಲ್ಲ ನೂರು ವರ್ಷ
ತುಂಬಾ ಒಳ್ಳೆಯ ಸ್ನೇಹಿತರು
ಆಗ ಇದ್ದೆವು ಗೊತ್ತಿಲ್ಲದ ಅಪರಿಚಿತರು
ಹೇಗೋ ಕಳೆದೆವು ಆ ದಿನ
ಈಗ ಕೊರಗುತಿದೆ ನಮ್ಮ ಮನ
ಎಂದಿಗೂ ಹೀಗೆ ಇರಲಿ ಈ ಗೆಳೆತನ
ಆ ಶಾಲಾದಿನ ನೆನಪಿಗೆ ಬರುವುದು ತಕ್ಷಣ
ಅಚ್ಚಳಿದಿದೇ ಆ ಸವಿ ದಿನದ ಕ್ಷಣ.......

Jyoti Suresh holi
4BD23MC057
I Sem 'B'Sec MCA

ಪುನೀತ್ ರಾಜಕುಮಾರ್

ಬಾಲ್ಯದಲ್ಲಿಯೇ ಅರಳಿದ ಹೂವು
ಅಮರವಾದ ಬೆಟ್ಟದ ಹೂವು
ಲೋಹಿತನಾಗಿ ಜನ್ಮತಾಳಿದ
ಅಭಿಮಾನಿಗಳ ದೇವರಾಗಿ ಅಮರನಾದ
ತ್ರಿವಳಿಗಳಾಗಿದ್ದರು
ಈಗ ಅವಳಿಗಳಾದರು
ಇದೇ ಅಲ್ಲ ಜೀವನ
ಜೊತೆಗಿರದ ಜೀವ ಎಂದಿಗೂ ಜೀವಂತ
ನಟಿಸಿದ ಚಿತ್ರಗಳೆಲ್ಲ ಒಂದೊಂದು ಅರ್ಥ ಕೊಟ್ಟರೆ
ಇವರ ನಿಜ ಜೀವನ ಎಲ್ಲ ತರಹದ ಅರ್ಥ ಕೊಟ್ಟಿತು
ವಯಸ್ಸಾದವರಿಗೆ ದಾನಮಾಡುವ ಗುಣ
ಯುವಕರಿಗೆ ಸ್ಫೂರ್ತಿಯ ತಾಣ
ಮಕ್ಕಳ ಕಲಿಕೆಗೆ ಕಲ್ಪಿಸಿಕೊಟ್ಟ ಆಶ್ರಯ
ಅಪ್ಪು ಎಂದೇ ಖ್ಯಾತಿ ಆದ

Jyoti Suresh holi
4BD23MC057
I Sem 'B'Sec MCA

"ECLIPSING HORIZONS: A COLLEGE JOURNEY"

In the dawn of new beginnings,
a college tale unfurls,
Fresh faces, eager hearts, as life whirls.
Lecture halls echo with wisdom's call, a dance of
Knowledge, where minds enthrall.

Friends forged in the crucible of classes,
Shared laughter, dreams, as time passes.
Library's hush, a sanctuary of thought,
Canteen chatter, where friendships are sought.

Bunks of classes, a rebellious spree,
Teacher's scolding, lessons from there experiences.
Exams loom large, deadlines draw near,
A Frenzy of preparation, mingled with fear.

Projects, records, a relentless race,
In the College crucible,
we concluding the journey, each smiling face.
A college of moments, laughter tears,
In the college journey, we find our room.

Priyanka Suladi
4BD22MC073
IV Sem 'B'Sec, MCA

ಆಗೊಂಬೆ

ಓ ಮಲೆನಾಡಿನ ಆಗೊಂಬೆಯೇ
ಮೃಗ–ಖಗಗಳಿಗೆ ಆಸರೆ ನೀನು
ಮಳೆರಾಯನಿಗೆ ಮಡಿಲಾಗಿರುವೆಯೇನು?

ಶಾಂತಿ ಸೌಹಾರ್ದತೆಯ ತಾಯಿಯೇ....
ಝರಿ–ತೊರೆಗಳ ಉತ್ಸಾಹ ನೀನು
ಕರುನಾಡ ಚಿರಾಪುಂಜಿಯಾಗಿರುವೆಯೇನು?

ವಿಶಾಲ ಮೌನದ ತಂದೆಯೇ....
ಸ್ವರ–ಸಂಗೀತಗಳ ಸ್ಫೂರ್ತಿ ನೀನು
ಕೋಗಿಲೆಯ ಗಾನ ಲಹರಿಯಾಗಿರುವೆಯೇನು?

ನಿಗೂಢ ಕತೆಯ ಕಾಂತಾರವೇ....
ಪ್ರಶ್ನೆ–ಉತ್ತರಗಳ ಕೌತುಕ ನೀನು
ವಿಚಾರತೆಯ ವಿಸ್ಮಯವಾಗಿರುವೆಯೇನು?

ಜೀವಿಗಳ ನೆಚ್ಚಿನ ಕಾನನವೇ....
ಶಕ್ತಿ–ಯುಕ್ತಿಗಳ ಅರಿವು ನೀನು
ಕಲಿಯುವ ಆಸಕ್ತಿಯಾಗಿರುವೆಯೇನು?

ನಿನ್ನ ಕುರಿತು ಏನು ಹೇಳಲಿ ನಾನು....
ಎಲ್ಲರನು ನಿನ್ನಲಿಗೆ ಸೆಳೆಯುವ ಸೆಳೆತ ನೀನು
ನಿಜವಾಗಿಯು ಸೆಳೆತವಾಗಿರುವೆಯೇನು?

JNANESHWARI N
4BD22CS062
4th SEMISTER

First Rain of the Monsoon

The pathway is deserted
The crickets are chipping
Here I'm at my balcony
Simply admiring.
The cold gentle breeze touches my cheeks
That pinch of coldness is heavenly as it could be.

It flows between those branches and leaves
Making each leaf and branch dance on its own.
I notice a bird sleeping beside
Sleeping, unbothered by the cold or dancing.

Far far away, poured the first rain of the monsoon.
Neither I could see it nor feel it.
But smell the ground of those very drops
Of first rain of the monsoon.

I chin up to gaze few stars
But here they are those clouds filling the sky.
Moving as gentle and elegantly as the word elegant itself.
The moments are so slow, as slow as it could be.

I find a blindspot in the sky and graze.
I see one star, two star and more
I just stare and stare, and sky seems to get wider
feels as if I'm flying towards them
Or they are coming towards me.
Before i could admire more
Here comes a cloud between us.

Completely unaware about the hot soup beside me,
I pick it up, stear and take a sip
As the cool breeze touch my skin and
The layer of soup travel my food pipe
And warms whole of my chest.

I treat my dog beside me
for letting me enjoy this peace and beauty.
He sits there like a lion admiring his kingdom.
I wonder if he has the same thought of mine
Or just patiently waiting for another treat.

Then i see few drops of first rain falling
The heavenly smell of ground, seduce me
It has been the same for generations now
And still been everyone's favourite.

My dog comes and snuggles between my arms
As it gets colder with the rain.
I gently tap and comb his hair and
Continue to admire this beauty.
Only poets could fantasy stuff like this
But only God could create this beauty.
This beauty of
First rain of the monsoon.

- Shreekanth.k

Drawings & Paintings

Art by Divya A Hiremath-4BD21CS041

Art by Prajwal H P-4BD21CS097

Art by Ananya Praveen Anvekar-4BD21CS013

Art by Ananya T- 4BD21CS014
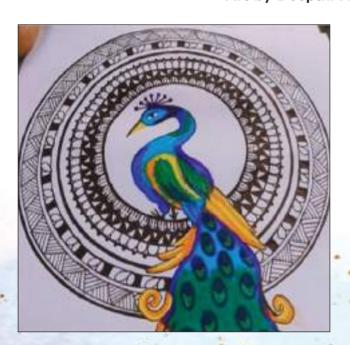
Art by Darshitha R 4BD21CS034
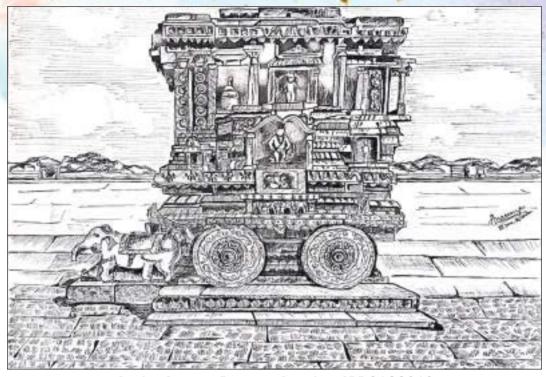
Art by Deepthi A S - 4BD21CS03

Art by Vibha G S-4BD22CS183

Art by Ananya Praveen Anvekar-4BD21CS013
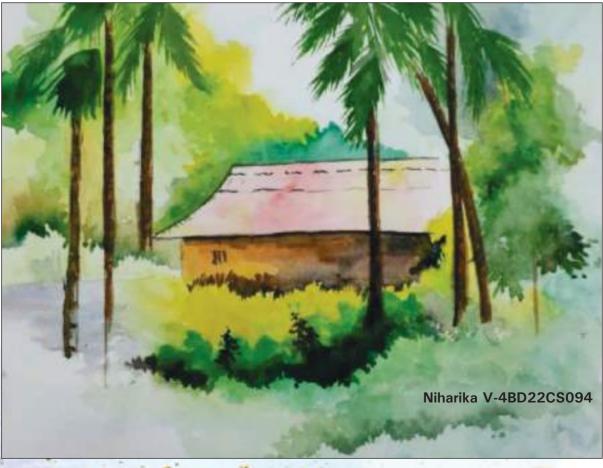
**Art by Kavana TN
- 4BD22CS066**

Niharika V-4BD22CS094

Niharika V-4BD22CS094
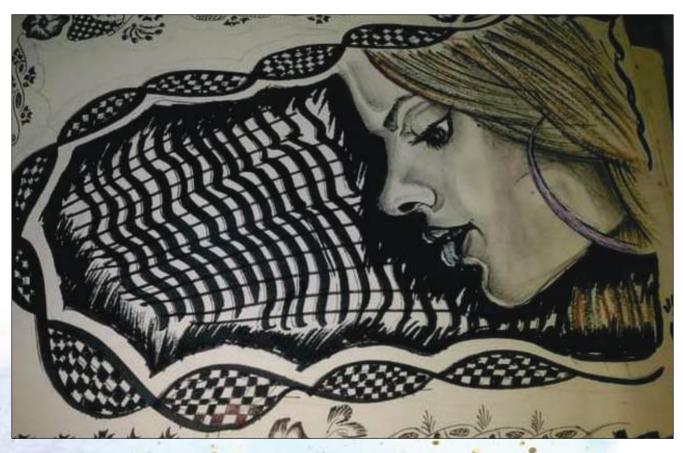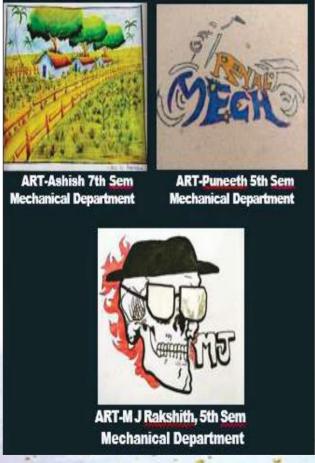
Ananya S Guled 6th Semester Dept. Of EEE

ART-S.R. Jeevan, 7th A
Mechanical Department

DIGITAL ART-M J Rakshith, 5th Sem
Mechanical Department

ART-Ashish 7th Sem
Mechanical Department

ART-Puneeth 5th Sem
Mechanical Department

ART-M J Rakshith, 5th Sem
Mechanical Department
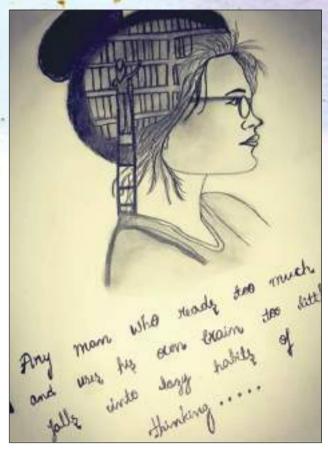
LITERARY CONTRIBUTIONS (EC)

DIGITAL ART-M J Rakshith, 5th Sem
Mechanical Department
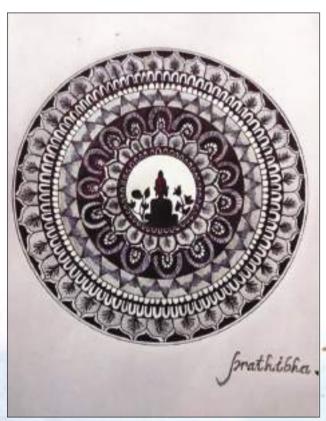
Bhumika N (4BD20EC402)
VIII Sem 'B' Sec

Ruchita P (4BD19EC093)
VIII Sem,'B' Sec
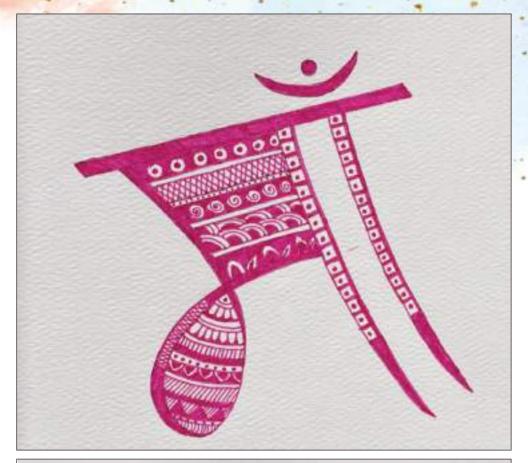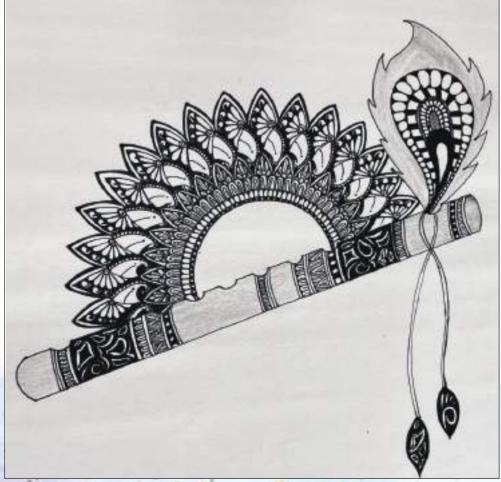
Prathibha P (4BD20EC053)
VIII Sem,'B' Sec

PRAJWAL . S
21 JUNE 2024

Shravya P S
8th Semester
4BD20CH015
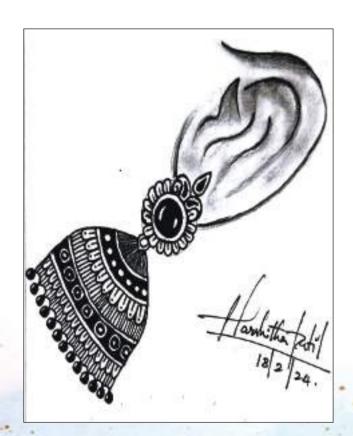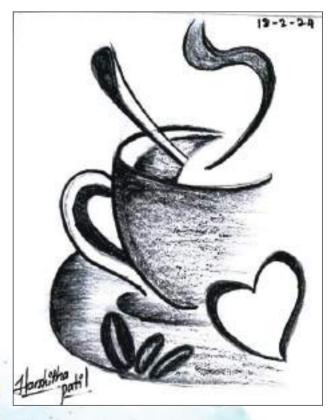
Shravya P S
8th Semester
4BD20CH015

Art by: Harshitha Patil, 4th sem, Textile Technology

Activities:
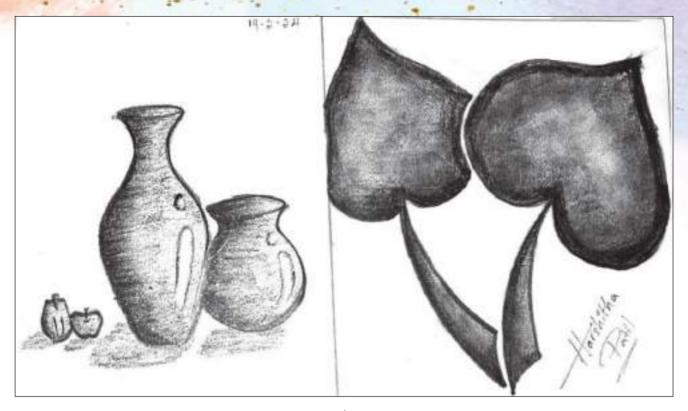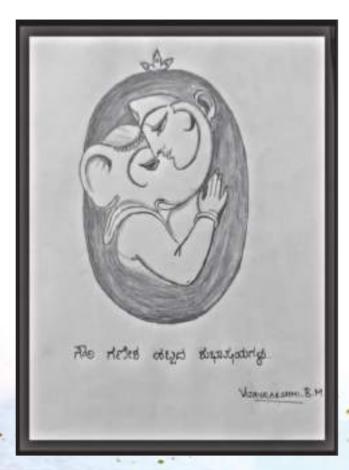
Art by: Harshitha Patil, 4th sem, Textile Technology

Art by: Harshitha Patil, 4th sem, Textile Technology
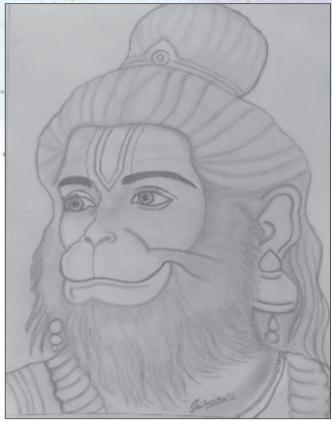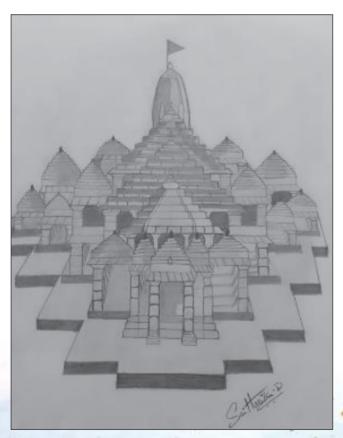
Art by: vijayalakshmi B M, 8th sem, Textile technology
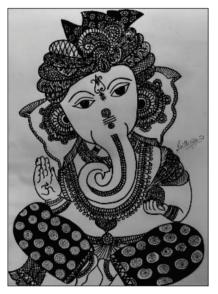
SaiHarika D (4BD22MC087)
IV Sem 'B' Sec MCA
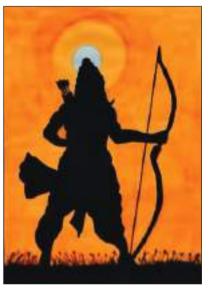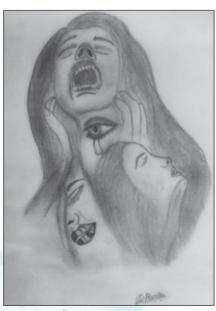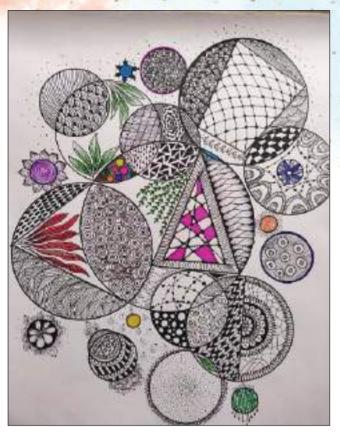
SaiHarika D (4BD22MC087)
IV Sem 'B' Sec MCA
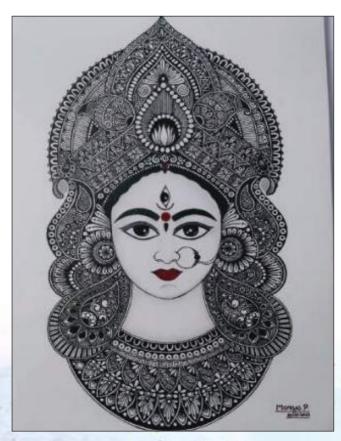
Priya G K (4BD23MC109)
I Sem 'B' Sec MCA

Manu G B (4BD22MC045)
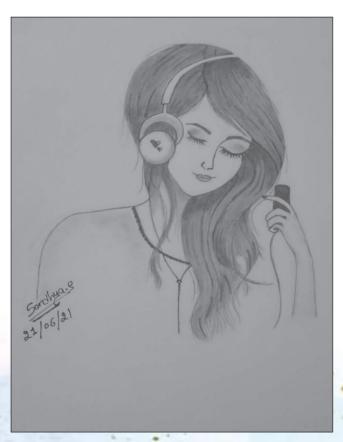**IV Sem 'A' MCA**
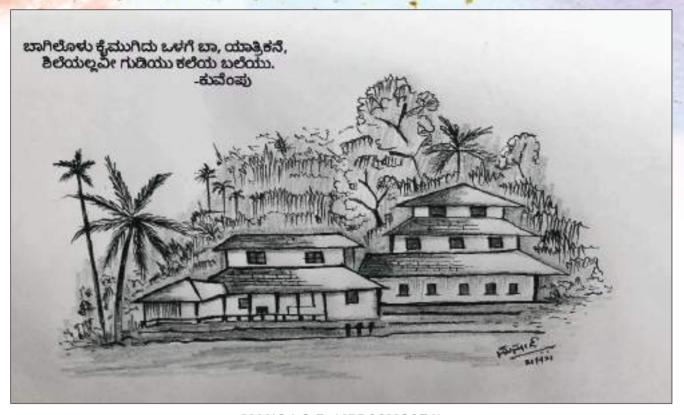
Manasa P (4BD22MC037)
IV Sem 'A' MCA

Pratiksha Natikar (4BD23MC071)
'B' Sec MCA

ಬಾಗಿಲೊಳು ಕೈಮುಗಿದು ಒಳಗೆ ಬಾ, ಯಾತ್ರಿಕನೆ,
ಶಿಲೆಯಲ್ಲವೇ ಗುಡಿಯು ಕಲೆಯ ಬಲೆಯು.
-ಕುವೆಂಪು
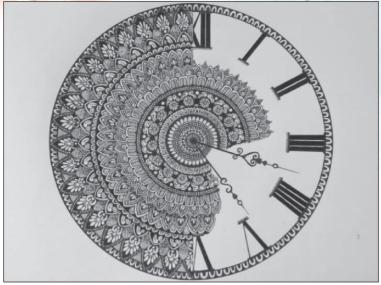
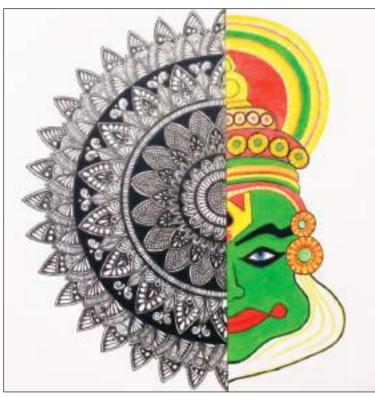**MANOJ G E (4BD23MC071)**
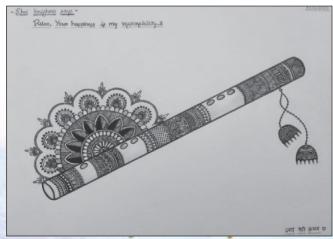**I Sem 'B' Sec MCA**

Lord rama

Sandhya S (4BD23MC132) I Sem 'C' section MCA

Manasa P (4BD22MC037) IV Sem 'A' MCA

Photography

Srinidhi R Kulkarni
Assistant Professor
Department of Chemical Engg.