


PUBLICATIONS OF THE INSTITUTE

- **Journal of Multi-Disciplinary Engineering Technologies (ISSN-0974-1771):** It is a peer reviewed bi-annual International research journal being published since 2005 by Bharati Vidyapeeth's College of Engineering, New Delhi. The journal intends to disseminate original scientific research and knowledge in the field of all interdisciplinary streams of Engineering, Sciences and technologies. This journal focuses on cutting edge multi-disciplinary research and publishes novel research papers, articles, case studies, review papers, research project synopsis, recently completed Ph.D./M.Tech, thesis reports and reviews of books in the fields of engineering, science and technology. The journal serves as a window for students, Scientists, professionals and researchers to participate and share their research expertise/activities.
- **EUREKA Magazine (Published every Year):** The college publishes **EUREKA Magazine** every year where the staff & students show their talents in the fields of literature & technical activities.
- **CHAKSHU – Newsletter (Bi-annually):** **CHAKSHU - A Biannual Newsletter of BVCOE New Delhi's** is published in recently during September, 2022 and February, 2023. It briefly covers Students & Faculty Achievements including their publications Events organized by College and other activities conducted throughout the year.
- **BVEST - Technical Fest Souvenir (Annually):** The first edition of BVEST Souvenir was published in the previous A.Y. 2013-2014 and its second edition is published in the current A.Y. 2014-2015. The College organizes BVEST, the annual technical fest in which all 11 student chapters (BVP IEEE, ACM, ISA, BVP ISTE, BVP CSI, IET, GDG BVP, Google Student's Club, BVP Inc., Prayaas & Finishing School, Entrepreneurship development Cell and Digital Art Society) and departments unite to organize different technical events like LAN Gaming, Techno-battle, Code Fight etc. and students from the College and outside the College participate & showcase their talent. The souvenir briefly covers the details of all the technical events including the Judges of the events & the students' achievements in those events.
- **BVCOE NSS Parivartan (Annual):** The first edition of NSS Annual Magazine Parivartan, Vol. 1 is published recently in 2017. The NSS Group is headed by Dr. Anil Kumar, Asst. Professor (Applied Science – Department), Editor of Parivartan Magazine. The magazine includes various social & cultural activities conducted by NSS Group from time to time, volunteered by large support of Staff & Students.
- **Inspiring Roots Magazine** – It is the magazine of BOVCE which publishes the journey of entrepreneurs. This magazines are publications that focus on providing information and resources for individuals who are starting or running their own start-ups.
- **XTASY'23 Newsletter** – The XTASY'23 News letter is all about official cultural festival organized by Bharati Vidyapeeth's College of Engineering in New Delhi, took place on the 26th and 27th of May, 2023. The magazine not only helps our students to know about the entrepreneurs but helps them to learn from the experience of the alumni in starting their startup. The guidance of the entrepreneurs lets budding entrepreneurs to know the Do's and Dont 's in this field. Entrepreneurs also provide the guidance in every field a student requires. This helps the students to have a great connection which helps them. This way a student has strong communication skills and exposure which may help them a lot in future. Students also get a chance to work with them through internships and various other options.


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ISSN(P) : 0974-1771

ISSN(Online) : 2581-9372

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Welcome to Journal of Multi Disciplinary Engineering Technologies
Bharati Vidyapeeth's College of Engineering, New Delhi



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professionals and researchers to participate and share their research expertise/activities.

Authors are invited to submit their research paper in the coming issue. All the submitted manuscripts are subjected to a peer review process. There is no charge for publication of manuscript. Bharati Vidyapeeth's College of Engineering, New Delhi is committed to improve the overall research impact through this journal.

- Subject Category: Engineering Science and Technology
- Frequency: Bi-Annual, Twice a Year
- Published by: Bharati Vidyapeeth's College of Engineering, New Delhi

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Journal Of Multi Disciplinary Engineering Technologies

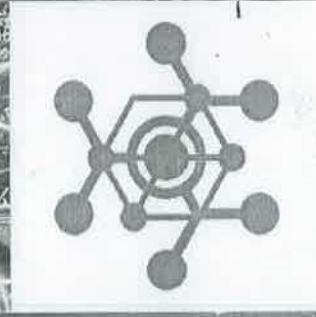
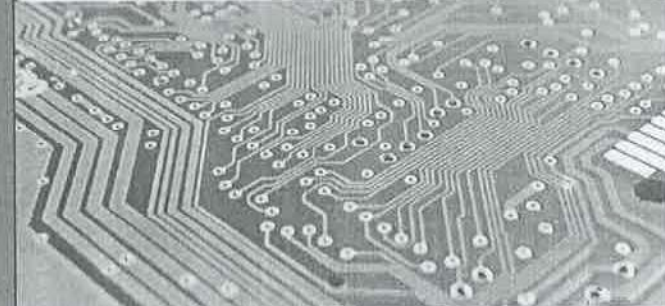
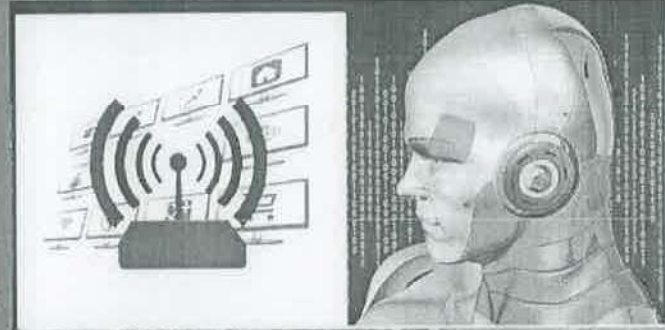
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ARTICLES

Smart Guiding Application For Visually Impaired People Using ML

Review Paper on Design of a Solar Based Air Quality Monitoring System

An IOT Based Patient Health Monitoring System



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NEW DELHI**

ISSN(P): 0974-1771

ISSN(e): 2581-9372

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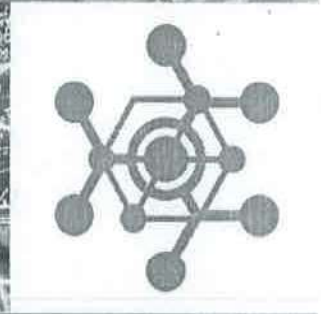
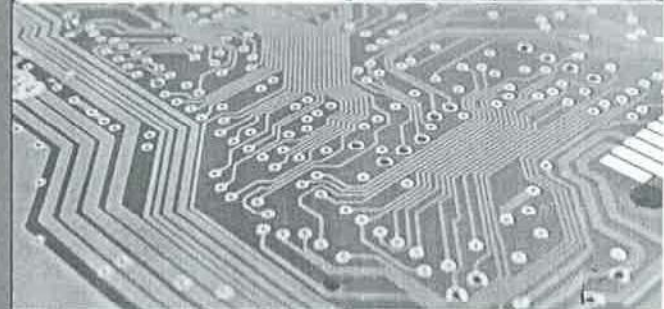
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Study on oxidation and hot corrosion by HVOF in various AISI steels & superalloys: A Review

ANDROID CONTROLLED FIRE FIGHTING ROBOT

A Reliability Allocation scheme for Component Based Software using Fuzzy Analytic Hierarchy Process and Dynamic Programming



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Annexure-23



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2022-2023

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*BVCOE NSS Annual Magazine Vol. 2
Year : 2018*

Celebrating 50 Years of Bharati Vidyapeeth



Volume 7
2022-2023



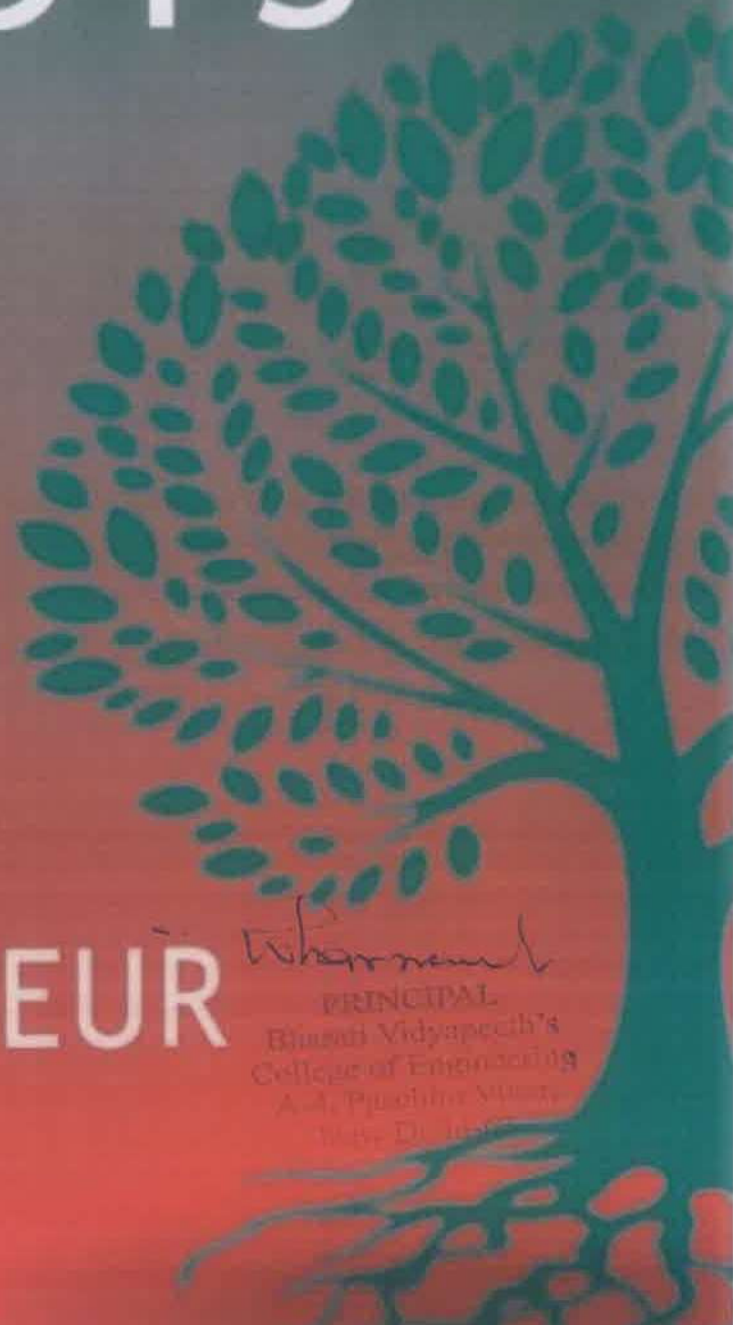
INSPIRING ROOTS

BVCOE, NEW DELHI

Dedicated to foster the startup ecosystem through entrepreneurship related articles.

EMERGING YOUNG ENTREPRENEUR

Discover the incredible story of those who refuse to give up.



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SOUVENIR

26th-27th
may 2023



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING

PASCHIM VIHAR, NEW DELHI



ABOUT

Bharati Vidyapeeth's College of Engineering at New Delhi, since its establishment in 1999, has strived to provide the best engineering education to its students through well-qualified and dedicated faculty and the provision of well-equipped modern labs.

The college affiliated with Guru Gobind Singh Indraprastha University, New Delhi, and approved by the All India Council for Technical Education (AICTE), Ministry of HRD, Govt. of India, BVCOE is steadily striding forward in its quest of establishing itself among the top engineering colleges in North India.

The vision of the college is to continuously excel and thus coming together enlivens the research themes, creates awareness about upcoming technologies, and provides a platform for budding research workers for achieving their rightful place in the scientific community.

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TASY



XTASY

ABOUT

Xtasy is the cultural festival organized by the students of Bharati Vidyapeeth's College of Engineering, New Delhi. The festival is a celebration of music, dance, drama, art, and various other forms of cultural expression. The festival attracts students from different colleges and universities across the country. It is an opportunity for the students to showcase their talent and creativity in various cultural events such as singing, dancing, poetry, and drama competitions.

Xtasy is a highly anticipated event for students of Bharati Vidyapeeth's College of Engineering, as well as for those from other colleges and universities. It provides a platform for students to showcase their talents, learn new skills, and interact with their peers. The festival promises to be an exciting and memorable experience for everyone involved

OUR THEME

The theme for Xtasy is "Retro Rainbow", and is an interesting blend of two contrasting ideas.

"Retro" represents a nostalgic look back to the past, specifically the 60s, 70s, and 80s. This era is characterized by a unique sense of style, fashion, music, and art that is still admired and celebrated today.

On the other hand, the "Rainbow" represents a colorful and diverse spectrum of ideas and cultures. The rainbow theme is often associated with inclusivity, acceptance, and diversity, where every color represents a unique identity and perspective.

The combination of these two themes in "Retro Rainbow" for the Xtasy cultural fest at BVCOE, New Delhi, creates a unique and exciting atmosphere that celebrates the past while embracing the diversity of the present.

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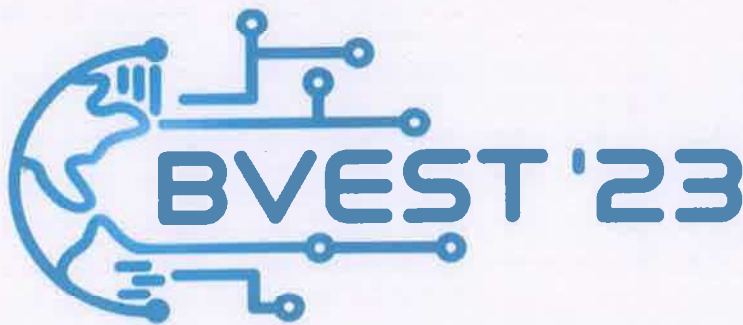
Retro Rainbow



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, NEW DELHI

DEPARTMENT OF INFORMATION TECHNOLOGY

presents



28th -29th March 2023

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BVEST'23:

The Annual Technical Festival

Souvenir

OUR MOTIVATION



Hon'ble Dr. Patangraoji Kadam
Founder, Bharati Vidyapeeth, Pune



Hon'ble Dr. Shivajirao Kadam
Chancellor, Bharati Vidyapeeth
(Deemed University), Pune



Hon'ble Dr. Vishwajeet Kadam
Secretary, Bharati Vidyapeeth
, Pune

A handwritten signature in blue ink, appearing to read 'Whanum'.

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Prof (Dr.) Dharmender Saini

Principal
Bharati Vidyapeeth's College of Engineering
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Professor and HOD, Dept. of Information Technology

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Dept. of Information Technology


Ms. Sarita Yadav
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Shivam Jain



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FROM THE DESK OF PRINCIPAL



Bharati Vidyapeeth's College of Engineering has done growth in all dimensions. Sincere efforts have been made to create state-of-the-art infrastructure, build a team of excellent teachers, and adopt world-class teaching practices. The management and administration are continuously striving hard to provide student-focused activities and best teaching practices. All departments are toiling hard to provide a holistic environment for the overall growth of students by organizing technical, cultural, and sports activities regularly.

BVEST, our annual Technical Fest brings students from within and outside the college to one platform to test their technical and managerial skills. This year also students from Delhi and NCR participated wholeheartedly in this fest. This year, many renowned Industrial experts like Mr. Rajat Sikka, Mr. Rizwan Uddin, Mr. Pankaj Bhardwaj enlightened students and all staff members with their valuable words.

BVEST'23, organised by the Department of Information Technology has been a collaborative effort of various student chapters which came together to organize various events such as 24-hour flagship Hackathon - Hack.IT@BVP 2.0, Unsighted, Anveshana B-Plan Competition, Kamikaze, Concorde 2.0, UXtreme Case Study, Robo Soccer, Robo Rumble, Light Painting Photography, Tech-A-Thlon 2.0, Tri-Psych-EI and multiple other fun events. Students and Faculty Coordinators worked across the teams and exhibited excellence and team spirit.

I render thanks and congratulations to all staff members and students for this achievement and hope to add new feathers to this fest in years yet to come.

Best Regards,

Prof (Dr.) Dharmender Saini
Principal,
BVCOE, New Delhi



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FROM THE DESK OF THE CONVENER



It was an honour for the Department of Information Technology to host the technical festival of Bharati Vidyapeeth's College of Engineering, New Delhi, BVEST'23. This 2-day technical festival surpassed all expectations, showcasing the exceptional efforts put forth by the staff and students involved.

The highlight of the festival was the 24-hour hackathon, HACK.IT@BVP 2.0, which was a resounding success. It provided an excellent platform for students to showcase their technical skills and creativity.

BVEST'23 was the result of a collaborative effort by more than 25 societies, who organized 15+ diverse events catering to the interests of all participants. From programming competitions and robotics events to quizzes and business case study challenges, BVEST'23 offered something for everyone.

This event was a true demonstration of the teamwork, cooperation, and dedication of all involved. I extend my heartfelt appreciation to the faculty, staff, and students of the various societies for their hard work and commitment, which made BVEST'23 a grand success. I am confident that future editions of BVEST will continue to raise the bar and inspire students to explore their potential.

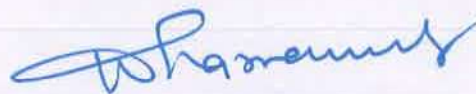
Best Regards,

Prof. (Dr.) Prakhar Priyadarshi
Convener, BVEST'23
Head Of Department, Information Technology
BVCOE

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ABOUT Bharati Vidyapeeth's College of Engineering, New Delhi



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ABOUT BVEST 2023



BVEST'23, with its tagline "Where Tech Meets Talent," was initiated to promote technology, scientific thinking, and innovation, providing a platform for the students to showcase their technical skills. This two-day annual technical festival, organized by the Department of Information Technology, Bharati Vidyapeeth's College of Engineering, New Delhi, was held on 28th and 29th March, 2023.

The TechFest was a perfect blend of innovation, brains, and hard work, facilitating technology for the future. The festival consisted of numerous activities ranging from robotics, programming competitions and gaming to quizzes and other engaging events.

BVEST'23 was an exceptional event that brought together talented individuals who shared a passion for technology and innovation. It was a resounding success and a true demonstration of teamwork, collaboration, and dedication.

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BHARATI VIDYAPEETH EDUCATIONAL CAMPUS, NEW



TECH-A-THON 2.0

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CONCORDE 2.0

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KAMIKA

ANVESHANA: B+PLAN

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COLLABORATING SOCIETY

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DEPARTMENT OF INFORMATION TECHNOLOGY,
PRESENTS

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WHERE TECH MEETS TALENT

8TH - 29TH MARCH

25TH MARCH

25TH MARCH

Dr. Anamika
PRINCIPAL

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Volume 10, Issue 2
September 2022

Bharati Vidyapeeth's College of Engineering Presents

Chakshu

Eyes of BVCOE

A Biannual newsletter of BVCOE



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DIGITAL
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CONCLAVE

TECH TALK

Speaker:
SANDEEP JAIN
Founder and CEO at Geeks For Geeks

11 JAN '23
1 p.m. onwards

Faculty Coordinator:
Mr. Mahesh Kurse
Asst. Prof. (IT department)

Student Coordinator:
Anjali Manota
Chairperson - BVPISTE

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PRESENTS
TECHNO QUIZO

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6 PM Onwards

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