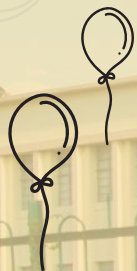


SPANDAN



UNIVERSITY POLYTECHNIC BIT MESRA, RANCHI



EDITION- 1
March'22 - March'23



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Table of Contents

Sl.No	Contents	Page.No
1	Director's Message	1
2	Message On World Water Day	2
3	About University	3
4	Vision And Mission	4
5	Program Outcome	5
6	Academic Performance	6
7	Articles	11
8	Poems	18
9	Placement	22
10	Innovative Idea	29
11	Alumini	31
12	Guest Lecture	35

Table of Contents

13	Exhibition On National Science Day	36
14	Unifesto	37
15	Sports Meet	40
16	Industrial Visit	45
17	Saraswati Puja	48
18	Republic Day	50
19	Freshers(2k22) cum Farewell(2k19 BMLT)	52
20	Convocation	53
21	Induction Program	
i)	Roti Bank	55
ii)	Human Values	56
iii)	AICTE IdeaLab Visitt	57
iv)	Rocketry Department visit	58
22	Vishwakarma Puja	59
23	Plantation Drive	61
24	Independence Day	63

Table of Contents

25	Geoinformatics Drone Technology	64
26	International Yoga Day	66
27	Freshers(2k21) cum Farewell(2k19)	69
28	Blood Donation camp	70
29	Srijan - THE TECH EXPO	71
30	Department of Computer Engineering MODROB-POLY SCHEME	84
31	Student Life at University Polytechnic-Opportunities UNLOCKED!!!	86
32	The Art of Facing Fear	88
33	Overview of University	89
34	Disclaimer	96
35	News	97



From The Director's Desk



I am delighted to introduce the very first edition of our institute's e-magazine "SPANDAN". As we move forward with our vision of creating a world-class institute, this magazine will be a vital tool to keep us informed and engaged with the latest developments in our community.

This magazine is a reflection of the hard work, creativity, and innovation of our team. We are thrilled to bring you articles on various topics related to our institute, including project updates, student achievements, alumni success stories, and events. The magazine also provides a platform for our students and faculty to share their experiences, ideas, and insights with the wider community.

We believe that this magazine will not only inform but also inspire and motivate our community to push boundaries and achieve excellence. We are proud of the progress we have made so far, and we are excited about the opportunities that lie ahead. Our goal is to create a dynamic and inclusive community that fosters innovation, collaboration, and academic excellence.

I would like to take this opportunity to thank our editorial team, contributors, and sponsors for their hard work and dedication to making this magazine a reality. We hope that you will enjoy reading it as much as we enjoyed creating it.

Thank you.

Sincerely

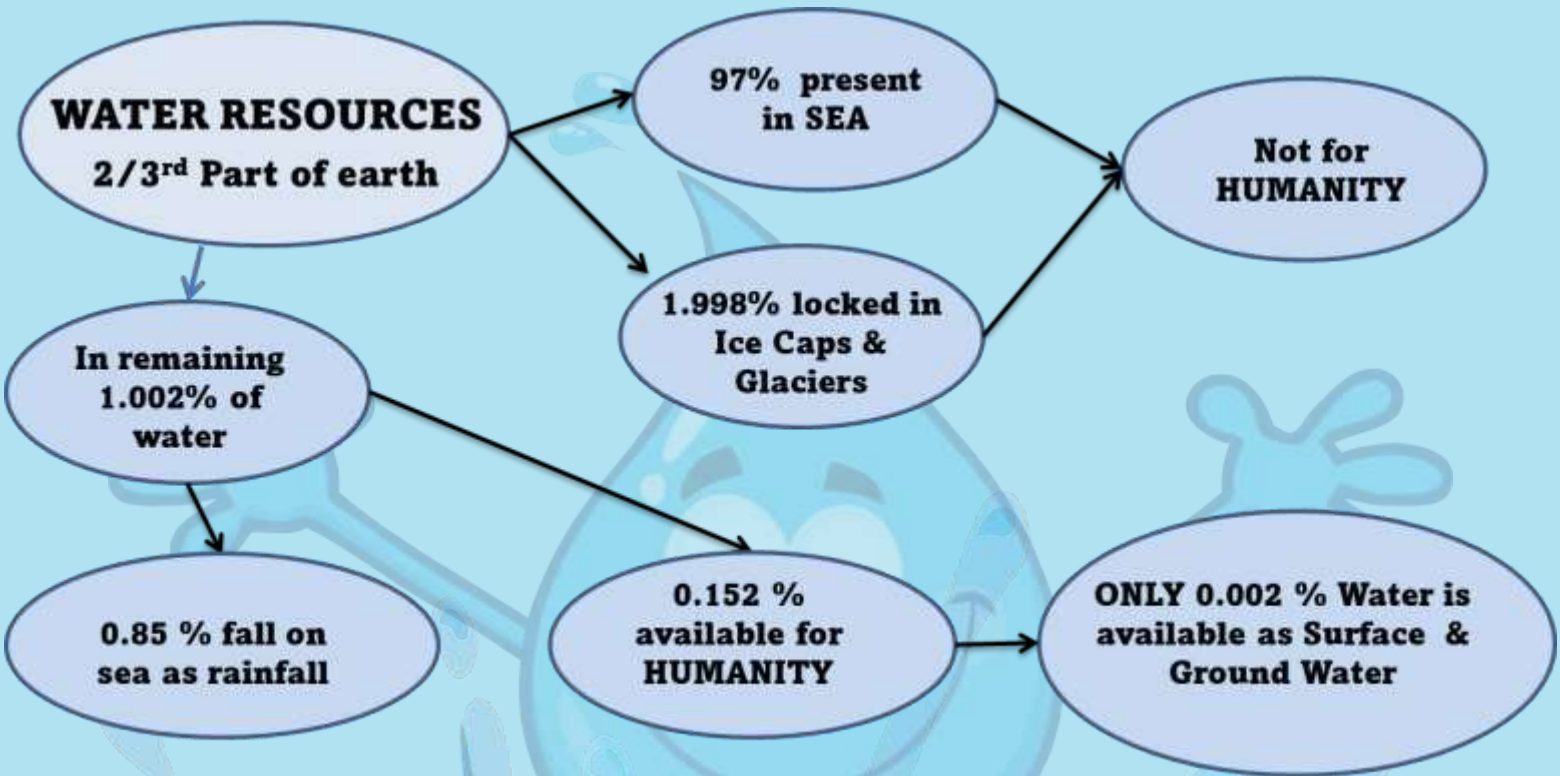
**Prof.(Dr) Vinay Sharma
Director**



MESSAGE ON WORLD WATER DAY (22 MARCH)



Water is Precious



Only one teaspoon (5ml) of fresh water is available for every 250 litres of global water

SAVE SINGLE DROP
OF WATER

By : Dr. Satish Kumar

UNIVERSITY POLYTECHNIC

BIT MESRA



The University Polytechnic was established in 2001, as a joint venture of the Department of Welfare, Government of Jharkhand and BIT, Mesra to impart Diploma and B. Sc (MLT) level technical education amongst the youths of Jharkhand. The campus of the University Polytechnic is located close to the National Highway 33 in the vicinity of the BIT Main campus. Spread over an area of 16 acres (64,750 m²), it is on the outskirts of Ranchi, surrounded by green forests.

The University Polytechnic is fully residential with three large hostels, (two for boys and one for girls), accommodating about 700 students. It has twenty five full-time faculties and an equal number of visiting faculties from BIT Mesra. It has a library, laboratories, training and placement cell, NSS, sports and games facilities.

The University Polytechnic conducts the following 3-year courses:

- B. Sc. in Medical Laboratory Technology (BMLT)
- Diploma in Technology (Automobile)
- Diploma in Technology (Electrical)
- Diploma in Technology (Electronics)
- Diploma in Technology (Computer)
- Diploma in Technology (Manufacturing)
- Diploma in Technology (Mechanical)

UNIVERSITY POLYTECHNIC BIT MESRA



• VISION

To emerge as a leading technical training institution in the country and serve the nation and engineering profession with distinction by developing the most skilled human resources with comprehensive and modern training and skillsets in selected engineering disciplines and trades.

• MISSION

- To administer a technical training institute of highest standard of education and training commensurate with modern engineering practices.
- To offer technical diploma and certificate courses to cater to contemporary demand and relevance to the engineering industry.
- To adopt and implement modern curriculum of technical education and training.
- To continuously upgrade the infrastructure necessary for practical training with new and contemporary machines and methods.
- To arrange on job training and internships for the students and staff members with proper supervision.
- To liaise with industry for internship and collaboration, and also, for arranging periodic review of infrastructure and training methods and modernizing teaching and training curriculum.
- To create special program for the youth of the State of Jharkhand to help them acquire entrepreneurial and managerial skills, manufacturing capability, career advancement training and professional confidence.

UNIVERSITY POLYTECHNIC BIT MESRA



• PROGRAM OUTCOMES

1. **Basic and Discipline Specific Knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. **Problem Analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
3. **Design/Development of Solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
4. **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
5. **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. **Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
7. **Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.

ACADEMIC BEST PERFORMERS

M022



Diploma in Engineering

2k20 batch (5th sem)

Automobiles Engineering



Diptanshu anand
gpa:8.73



Mohit kr shukla
gpa:8.00



Rahul dev
gpa:7.91

Computer Engineering



Nandani priya
gpa:9.42



Aquib alam
gpa:9.35



Ravi kant
gpa:9.27



Yash vanshraj
gpa:9.27

Electronics and Communications Engineering



akansha singh
gpa:7.83

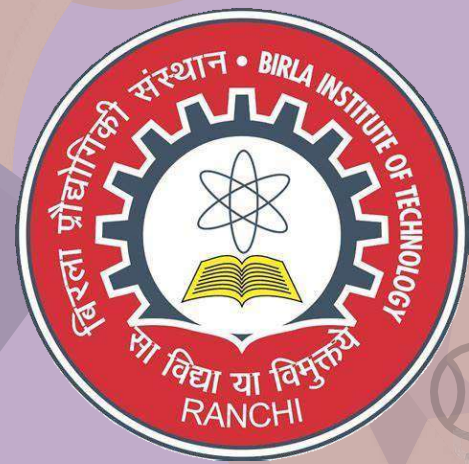
ACADEMIC BEST PERFORMERS

M022

Diploma in Engineering

2k20 batch (5th sem)

Electrical and Electronics Engineering



Simple baraik
Gpa:9.83



Alisha singh
Gpa:9.70



ranjit kr mahto
Gpa:9.35

Mechanical Engineering



Gaurav kumar
Gpa:9.88



Baban kr choudhary
Gpa:9.84



Manish kr mahto
Gpa:9.20

Mechanical Production Engineering



Shubham kr gupta
Gpa:9.04



Shubham kumar
Gpa:8.74



Habibur rahman
Gpa:7.48

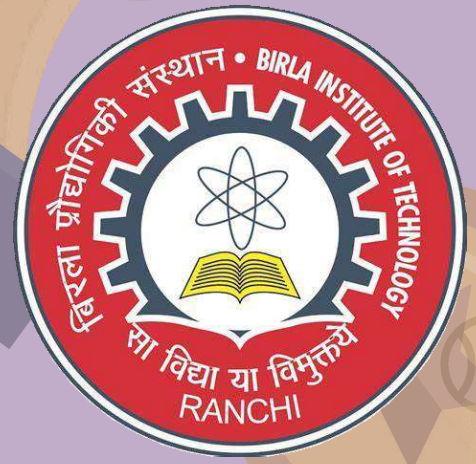
ACADEMIC BEST PERFORMERS

M022

Diploma in Engineering

2k21 batch (3th sem)

Automobiles Engineering



Aditya raj mahto
Gpa:7.42

Computer Engineering



Piyush kumar
Gpa:9.52



Rohan soni
Gpa:9.26



Shivam kumar
Gpa:9.09

Electronics and Communications Engineering



Syed sibtain ahmad
Gpa:8.34



Neha rajshree tirkey
Gpa:8.00

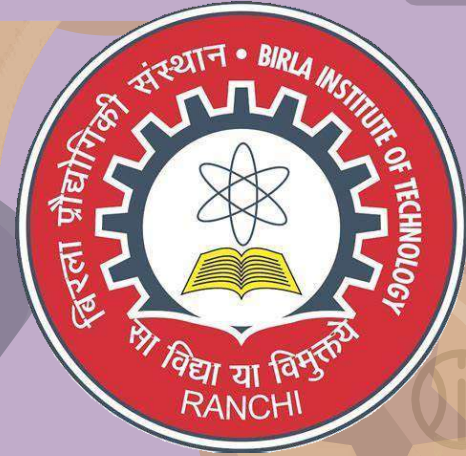


Rounak anand
Gpa:7.93



ACADEMIC BEST PERFORMERS

M022



Diploma in Engineering

2k21 batch (3th sem)

Electrical and Electronics Engineering



NITESH KUMAR
Gpa:9.65



AMRIT RAJ
Gpa:9.43



ISHIKA PATHAK
Gpa:9.04

Mechanical Engineering



Ishank raj oraon
Gpa:8.79



Utkarsh ekka
Gpa:8.58



Sumit mondal.
Gpa:8.21

Mechanical production Engineering



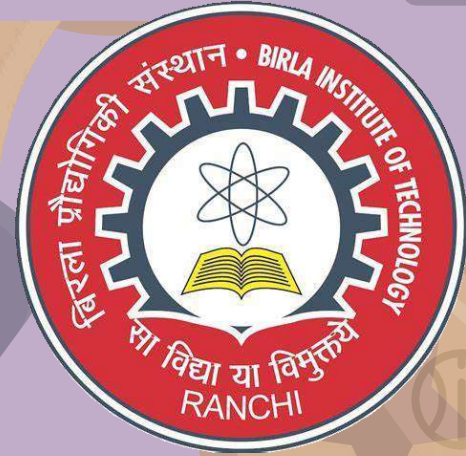
Ajay kumar
Gpa:6.63



ACADEMIC BEST PERFORMERS

M022

B.sc in medical lab technology



2k20 batch (5th sem)



Poonam kumari
Gpa:9.93



Jimmy kumari
Gpa:9.81



Amita minz
Gpa:9.59

2k21 batch (3rd sem)



Ankita giri
Gpa:9.90



Shailya preeti
Gpa:9.33



Raj oraon
Gpa:8.90



Electronics and Communication Engineering: 2023 and Beyond

Nirupam

**Course Coordinator Electronics and Communication Engineering
University Polytechnic Birla Institute of Technology Mesra, Ranchi.**

This article is based on a Survey conducted by the world's largest professional organization dedicated to advancing technology for the benefit of humanity. The results released by IEEE on a new survey, "The Impact of Technology in 2023 and Beyond: an IEEE Global Study" indicates the most critical technologies in 2023 and future technology trends.

Future technology trends are viable for a more connected, sustainable, and virtual world. Communication Engineering is found liable to attain more than one-third of the Sustainable Development Goals (SDGs) identified by world leaders. 5G has already been rolled out in India, and research over 6G is predominant in the technology domain. The IEEE Survey Report said, "The top industry sectors that will be most impacted by technology in 2023 are: Telecommunications, Automotive and Transportation, Energy, Banking and Financial Services."

Rolled-out 5G and ongoing research over 6G are like a catalyst in the field of Electronics and Communication Engineering. Fast and high data throughput is essential for vehicle connectivity and automation. IEEE Survey respondents agreed that 5G is in a deterministic role in the following areas: remote learning and education, telemedicine including remote surgery, health record transmissions, entertainment, sports, and live event streaming, personal and professional day-to-day communications, transportation and traffic control, and manufacturing/assembly.

Lifestyle has undergone tremendous changes to improve the quality of life across the globe. Connectivity has contributed significantly to the realization of these goals. And clearly, telecommunication is prevalent to adaptation in most of the technological changes all over the world. Electronics and Communication is the most demanding engineering discipline catering to the modernization of the world through the Internet of Things.

Introduction to Filter Antenna and Its Challenges for Wireless Application

Md. Maqubool Hosain

Department of ECE, University Polytechnic, Birla Institute of Technology, Ranchi, Jharkhand, India.

INTRODUCTION

Due to rapid development in the field of wireless communications, the demand for RF front-end sub-systems or devices pertaining to the properties of compact size, light weight, low cost and versatility has been ever increasing. Conventionally, separate functional units are designed using passive components for different functions such as filtering, power dividing/combining and radiation. The designed functional units are subsequently integrated by cascading the functional units into a system through matching networks. The major drawback of such cascading scheme is the resulting bulkiness and complexity of the system at the front-end. The enormity and complexity of the system leads to mismatch between the passive components, which in turn depreciates the insertion loss in the frequency response of the front-end [1]-[3]. This compels to explore and reconfigure the design of modern RF front-end subsystems with the drawback under consideration.

One obvious approach to resolve the issue is to replace the cascading scheme by integrating the functional units, comprising of the passive components such as filters, power dividers and antennas, into a single module.

The novel integrated design scheme not only reduces the size but also improves frequency performance of the systems. The integration of these passive components is particularly important to investigate and use them in modern wireless communication systems. The integration of band stop filter, pass band filters and various types of antennas, acts like 'filtering antenna', and this concept has attracted significant research interests since the past few decades.

The integrated filtering antenna has inherently several advantages as compared to traditional antennas. Some advantages are as follows:

- Enhanced impedance bandwidth;
- Frequency selectivity;
- Harmonic suppression;
- Improved out-of-band rejection
- Reduced interference.

With the given advantages and in an attempt to further explore the possibilities of the integrated design scheme.

Microstrip antennas are one of the most widely used antennas, with several advantages, such as low profile, light weight and low cost. As an obvious choice, microstrip antennas are the preferred antenna element for integration with the filter elements. Hence, the researcher focuses on the integration of microstrip antenna with the filtering elements. Several filtering antenna designs, based on microstrip monopole patch antenna are proposed concerning impedance bandwidth improvement, high-order frequency selectivity, single band, dual-band operation, and multi band operation.

DESIGN CHALLENGES IN FILTENNA

'Filtenna' is derived by combining the two basic functional units, 'Filter' and 'Antenna'; where 'Antenna' is primarily

responsible for the transmission and reception of signals and the filtering of frequencies is achieved through the use of band-pass and band stop filters. The purpose of the band pass filter is to select the required signals in the operating band while rejecting the unwanted bands and the band stop filter or notched filter is used to eliminate the unwanted signal in the selected band of frequencies.

As already discussed earlier, the need for reduction in system size, cost and complexity has necessitated the integration of the filter and antenna into a single structure in order to perform both radiation and filtering purposes. The filtenna brings about various benefits which include,

- Reduction of the signal transmission path.
- Elimination of additional losses along the antenna and filter transmission line .
- Elimination of interference between filter and antenna.
- Reduction in system size, complexity, and cost.

Designing a filtering antenna has its own challenges. The implementation and design of a filtering antenna comes with some trade-offs in terms of size, complexity, and performance. This has been addressed through various designs in literature. In designing a good filtering antenna, the filtenna structure must retain both, a good antenna operation, in terms of the radiation pattern, directivity, polarization; and good filter performance including high selectivity, good out-of-band rejection with fast roll-off. Reliable isolation between the radiating and filter structures[4] is also critical to the performance of the filtenna. A filtering antenna is achieved by either mounting the filter directly on the feed line or by using filter synthesis technique

Mounting the filter directly on the feed line involves a filter design with good skirt selectivity and proper matching to the antenna during integration. While filter synthesis technique involves integration of a filter indirectly on the feed line through coupling, ensuring good skirt selectivity[5-6].

Furthermore, the filtering antennas are designed which are best suited for wireless local area network (WLAN), aeronautical radio navigation (ARN) and ultra-wideband (UWB) applications[7-8].

As inferred from the extensive literature survey, the design and development of filtenna involving integration of the filter and antenna units into a single module, aimed to serve the wireless communication bands, is identified as the research problem to probe.

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Bleeding but still breathing.



It is rightly said, "where there is a will, there is a way." A successful person is not the one who has only seen one face of life i.e. VICTORY. He/She has a past and had also conquered or geared up to stand again after a lots of defeat.

"Yesterday is gone, Tomorrow has not yet came. What we only have is today, let's begin"

-Mother Teresa.

I am a child who started recognising myself and my surroundings at the age of 7 years old when I was in standard 1. Like every child I also did all common activities as they do. I felt comfortable between the high profiles and the low ones too. In the huge crowd of students, there was a hidden RACE. This race were common in all no matter whether its teachers, parents or students. God has created us with a hidden talent inside and the only thing which he/she wants is that we understand it and start working on it.

At a very small age I was taught the story of Ramanujan, Srinivasa Ramanujan an Indian mathematician whose contributions in the field of maths made him a great personality. The vigorous dedication to his work and the confidence of being acknowledged for his great made him stand away from the crowd. At the beginning, nobody valued his work. It was just a sheet of paper where the concepts of maths were all proven by him. Everybody denied to accept it, but he didn't stop. He believed that one day will surely come when all his hard work will pay.



He suffered from tuberculosis, in such a bad health condition, he would tell his family that maybe his health is not supporting but his brain is! And this dedication helped him to never stop. He contributed a small life span of just 32 years in this world and got recognised to this world after a long year of his death. He believed that one day this world will know his worth and so is today, we all remember him as a great mathematician. His story taught me the art of living through believe, determination, dedication, hard work and patience. His story still effects me a lot today. Still today, such great personalities inspires everyone of us.

Sometimes the situation does not get better, what gets better is how you face and handle it! How you make it possible to get passed through it- bleeding but still breathing

Thank you
Yours truly
Payal kumari
D/078/20 (EEE)



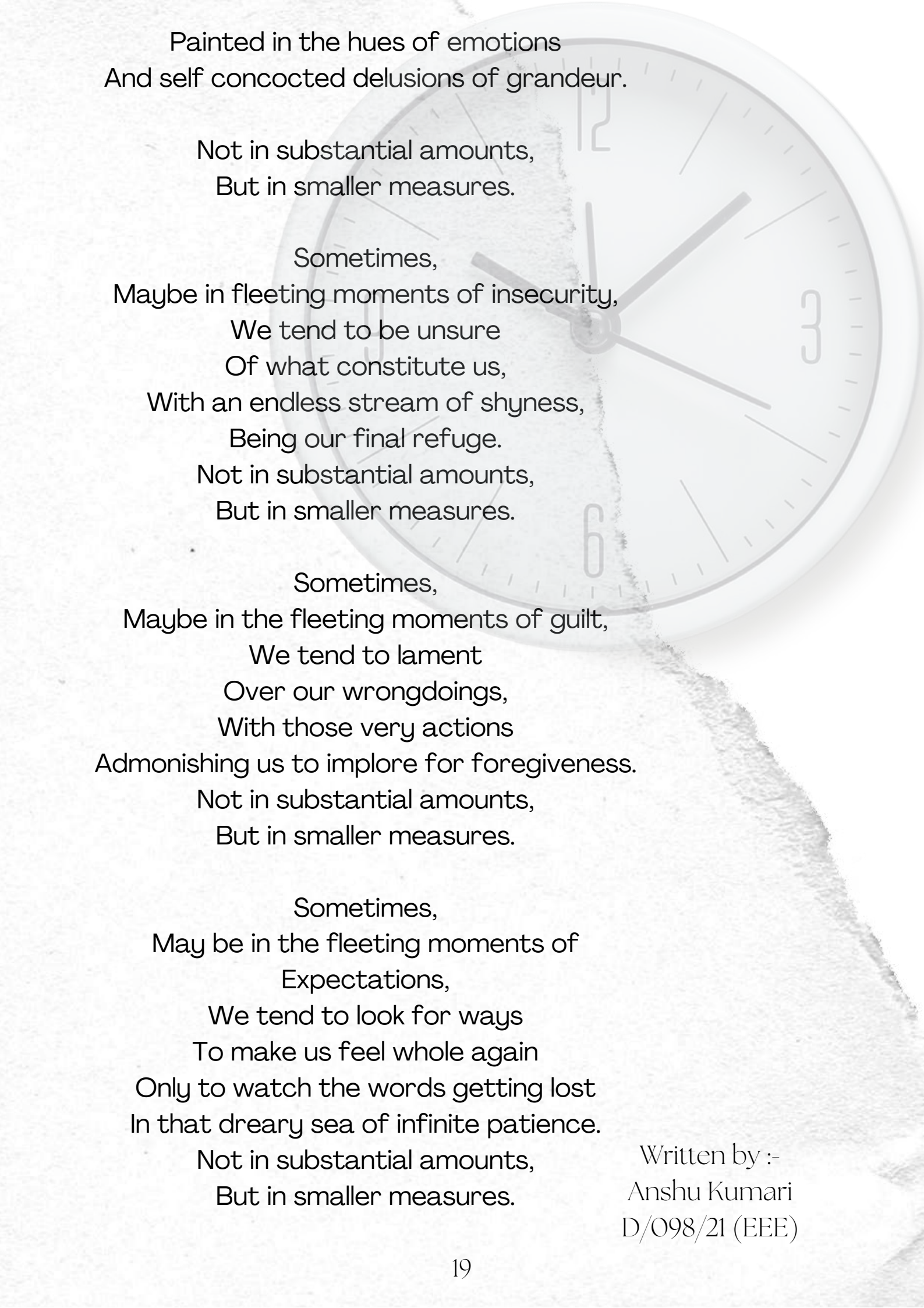
SOME TIME'S

Penned down a random string of coherent
Word woven into a poetic sequence of events .
It would have a bit different meaning if the context
Was be taken into consideration.
But yeah, whatever goes.

Sometimes,
Maybe in the fleeting moments of solace,
We tend to seek out ways
To be more humane,
With those incorrigible thoughts
Defining our very self.
Not in substantial amounts,
But in smaller measures.

Sometimes,
Maybe in the fleeting moments of drudgery,
We tend to fall prey
To the chains of time,
While the nib of the pen runs dry
And the pages remain forgotten.
Not in substantial amounts,
But in smaller measures.

Sometimes,
Maybe in the fleeting moments of excitement,
We tend to pen down ramblings
Of how we like to portray ourselves,



Painted in the hues of emotions
And self concocted delusions of grandeur.

Not in substantial amounts,
But in smaller measures.

Sometimes,
Maybe in fleeting moments of insecurity,
We tend to be unsure
Of what constitute us,
With an endless stream of shyness,
Being our final refuge.
Not in substantial amounts,
But in smaller measures.

Sometimes,
Maybe in the fleeting moments of guilt,
We tend to lament
Over our wrongdoings,
With those very actions
Admonishing us to implore for forgiveness.
Not in substantial amounts,
But in smaller measures.

Sometimes,
May be in the fleeting moments of
Expectations,
We tend to look for ways
To make us feel whole again
Only to watch the words getting lost
In that dreary sea of infinite patience.
Not in substantial amounts,
But in smaller measures.

Written by :-
Anshu Kumari
D/O98/21 (EEE)

SHE'S MY SCIENCE

SHE'S MY SCI

**IN A WORLD FULL OF EXPERIMENTATION,
I SAW SHE'S MY BEST EXPLANATION,
MY LAWS AND THEORIES,
SHE'S THE SCIENCE THAT I WANT TO DISCOVER.**

**I WANT TO BE PAR,
MY PHILIPPINE AREA OF RESPONSIBILITY.
I WANT TO BE YOUR PAGASA,
MY PHILIPPINE ATMOSPHERIC GEOPHYSICAL ,AND
ASTRONOMICAL SERVICES ADMINISTRATION.
AND LASTLY MY ITCZ,
INTER TROPICAL CONVERGENCE ZONE.**

**IN MOTION THERE ARE THREE LAWS,
LAW OF INERTIA,
LAW OF MASS,
LAW OF ACCELERATION,
BUT YOU I WANT TO BE YOUR LAW OF LOVE.**

**YOU ARE MY BASIC STRUCTURES,
THE CELLS ,WHOSE INTO ALL LIVING THINGS,
THE MINERALS , WHOSE INTO ROCKS,
THE ATOMS, NUCLEUS AND THE MOLECULES,
WITHOUT YOU I'M NOT EXISTED.**

**MY SCIENCE,
I WILL ALWAYS BE YOUR SCIENTIST,
I WANT TO BE YOUR PERFECT CHEMICAL REACTION,
AND HOPEFULLY YOU PERFECT CHEMISTRY.**

**WRITTEN BY
ANKITA MALICK
D/047/21 (EEE)**

RUN until you're DONE.

The quiet evening, had a GIRL
With hairs that always CURL
Her smiles were PEARL
And she can SQUIRL !!

Although, it was a winter DAY
She never stopped to PLAY
Her hands never had a TRAY
But a desire to SPRAY !!

The beautiful hands that always had a HUNK
Which was made from the Willow TRUNK
She was madly in love with that CHUNK
Like a drunkard fully DRUNK !!

A mind that never being COMPETITIVE
But being purely SUCCESSIVE
And her powers were INTERPRETATIVE
Because her mother gave the plate so DECORATIVE !!

She was born with a DESIRE
Always had a masculine ATTIRE
Favours only a bat and a ball with WIRE
And she would never stop the FIRE!!

The spirits of her always BURN
The soul is afraid of NONE
Want to die with the title WON
Run until you are DONE !!

Written by :-
Payal Kumari
D/078/20 (EEE)

TRAINING & PLACEMENT CELL CAMPUS PLACEMENT 2023 (DIPLOMA 2K20 BATCH)



Congratulations to all our 77 students for final selection in the Campus Placement Drive of Wheel India Limited. Job offer Letter distributed by The Director Prof. Dr. Vinay Sharma to all selected students. Dr. Satish Kumar, Convener TnP Cell, Mr. Ramkesh and Mr. Rakesh were also present.



Congratulations to all our 7 students for selection in the India's top company, Aditya Birla Group (Hindalco). Offer Letter distributed by The Director Prof Dr. Vinay Sharma, Convener TnP Cell Dr. Satish Kumar, Coordinator Mechanical Engineering Department Mr. Rakesh and Mr. Ramkesh were also present.



TRAINING & PLACEMENT CELL CAMPUS PLACEMENT 2022 (DIPLOMA 2K19 BATCH)



Congratulations to our Students Kunal Kumar, Vishwajeet Paswan, Saket Suman from ECE branch and Neetu Kumari, Rohit Kumar, Ritesh Munda from CSE branch for final selection in online Campus Placement Drive of Wipro.



38 students of University Polytechnic, Birla Institute of Technology (BIT), Mesra got selected in the campus placement drive organized by Hitech Next Engineering & Telecom Limited. These students are from the Faculty of Mechanical, Electronics, Manufacturing and Electrical & Electronics Engineering.



PLACEMENT DRIVE

2K19 BATCH



28 girl students of BIT Mesra Polytechnic have been placed in the online placement drive. 7 girl students have been selected in Anand Group's company Gabriel India Limited and 21 girl students have been selected in Mahle Filter, Pune.

बीआईटी मेसरा पॉलिटेक्निक की 28 छात्राओं का प्लेसमेंट

रांची, प्रमुख संवाददाता। बीआईटी मेसरा पॉलिटेक्निक की 28 छात्राओं का प्लेसमेंट ऑनलाइन आयोजित प्लेसमेंट ड्राइव में हुआ है। इसके तहत 7 छात्राओं का चयन आनंद ग्रुप की देवास में स्थित कंपनी गैब्रियल इंडिया लिमिटेड और 21 छात्राओं का चयन महले फिल्टर, पुणे में हुआ है।



बीआईटी मेसरा में कैम्पस ड्राइव में चुनी गई छात्राएं।

फैकल्टी मेंटर सम्मानित किए गए

रांची। औद्योगिक अनुसंधान और छात्र इंटरैक्शन के लिए सैमसंग प्रिज्म की ओर से बुधवार को बीआईटी मेसरा में फैकल्टी मेंटर्स का सम्मान समारोह आयोजित किया गया। इसकी शुरुआत करते हुए सैमसंग प्रिज्म के इंस्टीट्यूट समन्वयक डॉ विजय नाथ ने सैमसंग प्रिज्म के साथ संचालन, समन्वय और सफल कार्यक्रम रणनीतियों के बारे में बताया। समारोह में डॉ एमके मुकुल, डॉ अभिनव इरुलाम, डॉ विजय नाथ, डॉ आई मुखर्जी, डॉ बीके सरकार, डॉ अंकुर अग्रवाल, डॉ सुकल्याण चक्रवर्ती, डॉ भुति गर्ग, डॉ संजीत कुमार, डॉ जे राधुषी, डॉ पी सक्सेना सम्मानित किए गए।

बीआईटी मेसरा पालीटेक्निक के 46 विद्यार्थियों का गैब्रियल इंडिया लि. में हुआ कैम्पस प्लेसमेंट

रांची, 30 अक्टूबर : बीआईटी मेसरा यूनिवर्सिटी पालीटेक्निक के 46 विद्यार्थियों का चयन देश की प्रतिष्ठित आनंद ग्रुप कंपनी में हुआ। बता दें कि आनंद ग्रुप की बंगलुरु के निकट होसुर (तमिलनाडु) में स्थित कंपनी गैब्रियल इंडिया लिमिटेड के द्वारा आयोजित ऑनलाइन कैम्पस प्लेसमेंट ड्राइव में इन विद्यार्थियों का चयन हुआ है। इसमें 11 छात्रा तथा 35 छात्र शामिल हैं। मैकेनिकल से 27, आटोमोबाइल से 16 तथा मैनुफैक्चरिंग इंजीनियरिंग संकाय से 3 विद्यार्थियों का चयन हुआ है। संस्थान के निदेशक डा विनय शर्मा ने सफल छात्र-छात्राओं को बधाई तथा उज्वल भविष्य की शुभकामना देते हुए बताया कि गुणवत्तायुक्त तकनीकी शिक्षा के साथ साथ बेहतर प्लेसमेंट हमारी प्राथमिकता है। ट्रेनिंग एंड प्लेसमेंट सेल के संयोजक डा सतीश कुमार ने बताया कि देश की कई प्रतिष्ठित कंपनियों का कैम्पस प्लेसमेंट अभी भी जारी है। अब तक 6 विद्यार्थियों का चयन विप्रो तथा 38 विद्यार्थियों का चयन हार्ड टेक नेक्स्ट इंजीनियरिंग एंड टेलीकम लिमिटेड में हो चुका है। सभी सफल विद्यार्थियों को संस्थान के ट्रेनिंग एंड प्लेसमेंट सेल के संयोजक डा सतीश कुमार, मैकेनिकल के प्रो राकेश, इलेक्ट्रॉनिक्स की निरुपम तथा सभी शिक्षकों ने बधाई और शुभकामनाएं दी हैं।

बीआईटी मेसरा के 179 विद्यार्थियों का प्लेसमेंट

रांची, प्रमुख संवाददाता। बिड़ला प्रौद्योगिकी संस्थान (बीआईटी), मेसरा, पॉलिटेक्निक के 179 विद्यार्थियों को विभिन्न कंपनियों की ओर से आयोजित कैम्पस प्लेसमेंट ड्राइव में जॉब ऑफर मिला है। इनमें डिप्लोमा के कंप्यूटर साइंस,

इलेक्ट्रॉनिक्स एंड कम्युनिकेशन, इलेक्ट्रिक एंड इलेक्ट्रॉनिक्स, मैकेनिकल व. ऑटोमोबाइल इंजीनियरिंग संकाय के 169 छात्र-छात्राएं शामिल हैं। वहीं, बीएससी मेडिकल लैब टेक्नोलॉजी के 10 छात्र-छात्राएं शामिल हैं।

बीआईटी पॉलिटेक्निक के 38 विद्यार्थियों का प्लेसमेंट



रांची. यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा के 38 विद्यार्थियों का चयन हार्ड टेक नेक्स्ट इंजीनियरिंग एंड टेलीकम लिमिटेड में हुआ। इनमें डिप्लोमा इन मैकेनिकल इंजीनियरिंग के 22, डिप्लोमा इन इलेक्ट्रॉनिक्स इंजीनियरिंग के सात, डिप्लोमा इन मैनुफैक्चरिंग इंजीनियरिंग के एक और डिप्लोमा इन इलेक्ट्रिकल एंड इलेक्ट्रॉनिक्स इंजीनियरिंग के आठ विद्यार्थी शामिल हैं। चयनित विद्यार्थियों में रमेश त्रिवा, ओम प्रकाश कुमार

सिंह, प्रशांत इंदवार, विष्णु पावड़िया, सत्यम कुमार, निशिल उरांव, अर्भजीत कुमार कोडा, रोहित किशोर्वा, कुचर उरांव, अमित कुमार गुप्ता, ओम प्रकाश नाग, मनीष कुमार महतो, सत्य प्रकाश समेत अन्य शामिल हैं। संस्था के निदेशक डॉ विनय शर्मा ने सफल विद्यार्थियों के उज्वल भविष्य की कामना की। ट्रेनिंग एंड प्लेसमेंट सेल के संयोजक डा सतीश कुमार ने बताया कि कैम्पस प्लेसमेंट के पहले चरण में कुल 161 विद्यार्थियों का चयन हो चुका है।

छात्रा कविता को बेस्ट इंजीनियर ट्रेनी का अवार्ड



रांची. यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा की छात्रा कविता भारती को बेस्ट ऑपरिंग इंजीनियर ट्रेनी ऑफ द इयर का अवार्ड मिला है। यह अवार्ड पुणे आनंद-दाना कंपनी में मिला। कविता सत्र 2018-21 डिप्लोमा इन ऑटोमोबाइल इंजीनियरिंग संकाय की छात्रा रही है। अवार्ड के तौर पर कविता को 15000 रुपये नगद और ट्रॉफी सौंपा गया। निदेशक डॉ विनय शर्मा और प्लेसमेंट सेल के डॉ सतीश कुमार ने कहा कि इससे दूररे विद्यार्थियों को भी प्रेरणा मिलेगी।

CAMPUS PLACEMENT 2022 (DIPLOMA & BMLT)



S.NO.	COMPANY	JOB OFFER
1	Anand Mando eMobility, Bhiwadi, Rajasthan	16
2	GABRIEL INDIA LIMITED, HOSUR	46
3	GABRIEL INDIA LIMITED, DEWAS (MP)	11
4	HIGH-TECHNEXT ENGG & TELECOM LTD	38
5	HINDALCO-ADITYA BIRLA	6
6	MAHLE ANAND THERMAL SYSTEM, NOIDA	5
7	MAHLE FILTER SYSTEMS INDIA LTD, PUNE	21
8	WIPRO	7
9	GABRIEL INDIA LIMITED, GURGAON	2
10	MAHLE FILTER SYSTEMS INDIA LTD, CHENNAI	6
11	GE Aviation	2

CAMPUS PLACEMENT 2022 (DIPLOMA & BMLT)



S.NO.	COMPANY	JOB OFFER
12	YOKOHAMA TYRE, BHARUCH, GUJRAT	5
13	SPICER	1
14	DXT Technology	3
15	BMLT	10
16	APARNA CONSTRUCTION	2
	TOTAL	181

TRAINING & PLACEMENT CELL

CAMPUS PLACEMENT 2021

(DIPLOMA 2K18 BATCH)



COMPANY	Job Offered
SPICER (GALA) INDIA LTD	6
MAHLE FILTER , CHENNAI	14
CEAT TYRE, HALOL, GUJRAT	28
GABRIEL INDIA LTD, GURGAON	40
BAJAJ AUTO LIMITED	25
MAHLE ANAND THERMAL SYSTEM, NOIDA	8
MAHLE ANAND THERMAL SYSTEM, PUNE	6
GABRIEL INDIA LTD, HOSUR (TN)	2
Larsen & Toubro Limited	1
TOTAL	130

CAMPUS PLACEMENT 2021 (BMLT 2K18 BATCH)



PLACEMENT/NAME OF ORGANIZATION	NUMBER OF STUDENTS PLACED
T & M SERVICE CONSULTANCY PVT. LTD., RIMS, RANCHI	3
PULSE DIAGNOSTIC, BARIATU, RANCHI	1
BLOOD BANK, MEDANTA, IRBA, RANCHI	2
RANI HOSPITAL, RANCHI	2
CORE DIAGNOSTIC, MEDICAL COLLEGE, PALAMU	2
CORE DIAGNOSTIC, MEDICAL COLLEGE, HAZARIBAGH	1
PATHKIND LABORATORY, NEAR KOKAR, RANCHI	1
TOTAL	12



INNOVATIONS



$$E=mc^2$$

- *Best wishes to all the students of the institute who received a prize of Rs. 32000 at the Science Expo of "Vigyan Sarvar Pujyate" organized by the Ministry of Science and Technology, Government of India.*



INNOVATIONS



$$E=mc^2$$

- A group of 3 members under the guidance of their teacher DR. Sandhya Rani came up with their innovation and won ₹1,00,000. The students were from 2020 batch named Aditya Sharma from mechanical, Payal Kumari from electrical and electronics, Kumar srijan from computer science branch. They presented their innovation in which they made housekeeping hygiene solutions.





ALUMINI



UNIVERSITY POLYTECHNIC

BIT MESRA



Roll No	NAME	DETAILS OF HIGHER EDUCATION (IF ANY)	BRANCH	Current employer	Designation
D039/04	Hemant Kumar Pradhan		Automobile	Tata Motors Ltd Jamshedpur	Executive
D125/12	Mayank kishoram	B.tech	Automobile	Mecon limited	GET
D130/14	Tarique Aziz		Automobile	Ceat Ltd	Senior Tyre Test Engineer (R&D)
D132/11	Santosh Kumar Paswan	Diploma	Automobile	MAHLE ANAND Filter System India Limited	Junior Engineer
D15/09	Nilesh kumar rajwar	B.E, Mechanical	Automobile	T.V.N.L	Assistant Executive Engineer
D152/11	Anand Pahan	B.tech (Mechanical)	Automobile	Orient Craft Ltd.	Process engineer
D156/12	Manjay Puran		Automobile	Diara ford	Service advisor
D4/04	Kunal Kumar	Graduate Diploma	Automobile	Tata Motors Ltd	Executive
D44/04	Surjeet Kumar Mahto	Diploma in Automobile Engineering	Automobile	Tata Motors Ltd	Sr. Officer
D57/05	Ashutosh Kumar Mahto		Automobile	Hitachi Astemo	Production Engineer
D61/05	Kartick Kumar		Automobile	Tata Motors Limited	Executive
D64	Mukund Chandra Poddar	B.tech (AMIE)	Automobile	G R INFRAPROJECTS LIMITED	Dy Manager Maintenance
D66/04	Uma Kant Mahto	B. TECH	Automobile	TATA MOTORS LIMITED, JAMSHEDPUR	EXECUTIVE
D77/15	Ashish kumar		Automobile	Larsen & Toubro Ltd.	Service Engineer
BML34/15	Shubham Rajak	M.SC APPLIED MICROBIOLOGY	BMLT	RIMS RANCHI	Research scientist II



ALUMINI



UNIVERSITY POLYTECHNIC

BIT MESRA,



Roll No	NAME	DETAILS OF HIGHER EDUCATION (IF ANY)	BRANCH	Current employer	Designation
BMLT 05/14	Rahul Kumar	Master in Hospital Administration	BMLT	Pulse hospital Ranchi.	Operations Co-ordinator
BMLT/10/15	Kiran Kumari	M.sc in microbiology	BMLT	Vikas institute of paramedical science neori vikas ranchi	Lecturer
BMLT/10/2005	Rahul Kumar	MSc BMI	BMLT	Fujifilm India Private Limited	Territory Manager
BMLT/13/15	Sourabh Suman	M.Sc. in Forensic Science	BMLT	Delhi Police	FORENSIC EXPERT
BMLT27/05	Vikash Kumar	Masters in Criminology	BMLT	NGO	Project Director
D02/07	Mayank Pahan	B.E CSE	Computer	NathCorp Pvt Ltd	Team Lead
D103/13	Asmita Kumari	Btech in CS	Computer	HP	Technical engineer
D67/02	Satyam Kumaron Turkey		Computer	BSNL	Junior Telecom Officer
D25/11	Kaushik Suman	B.E. in Electrical	EEE	Cognizant Technology Solutions	Developer
D76/13	Shubham Kumar	B.Tech	EEE	Wipro Limited	Software Engineer
D10/05	Suveen Kumar Kasera	B. Tech	Electronics	Indian railways	SSE
D103/04	Ajit Kumar Yadav	B-Tech in Electronics and Communication	Electronics	Vedanta	Sr. Engineer
D124/14	Mohan yadav		Electronics	Suzaki	Supervisor
D13/07	Himanshu Mahto		Electronics	Indian Railways	Senior section engineer



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UNIVERSITY POLYTECHNIC

BIT MESRA,



Roll No	NAME	DETAILS OF HIGHER EDUCATION (IF ANY)	BRANCH	Current employer	Designation
D19/09	MIRTYUNJAY KUMAR	B. TECH	ELECTRONICS	ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTION PVT. LTD.	SENIOR SOFTWARE ENGINEER
D29/16	ANANYA PRIYA	DIPLOMA/ BTECH PURSUING	ELECTRONICS	MAHLE ANANYA FILTERS SYSTEM	OE
D34/08	KUMAR BHAWTARAN MAHTO		ELECTRONICS	JHARKHAND BIJLI VITRAN NIGAM LTD. (PROJECT) UNDER SECURE METERS LTD.	PROJECT ENGINEER
D39/07	NITISH BHARDWAJ	B.E. IN ELECTRONICS & COMMUNICATION ENGINEERING	ELECTRONICS	SERVICENOW	SR. SOFTWARE ENGINEER
D42/05	NIKHIL KUMAR RAJAK	B.TECH IN ELECTRONICS & COMMUNICATION	ELECTRONICS	HINDALCO INDUSTRIES LTD. MURI WORKS.	AUTOMATION ENGINEER
D52/07	PRIYANKA PRASAD	BE	ELECTRONICS	IBM	SECURITY CONSULTANT
D64/12	BUDHRAM MUNDA	NO	ELECTRONICS	YES, DEPARTMENT OF HEALTH & FAMILY WELFARE	BIOMEDICAL ENGINEER
D71/12	SAGAR HASSA	DIPLOMA IN ELECTRONICS AND COMMUNICATION	ELECTRONICS	TRIMED SOLUTIONS (I) PVT. LTD.	BIOMEDICAL SERVICE ENGINEER



ALUMINI



UNIVERSITY POLYTECHNIC

BIT MESRA,



Roll No	NAME	DETAILS OF HIGHER EDUCATION (IF ANY)	BRANCH	Current employer	Designation
D3/05	MANJEET KUMAR SEN	B.TECH IN MECHANICAL ENGG.	MANUFACTURING	INDIAN RAILWAY	SENIOR SECTION ENGINEER
D45	DR. DIPEN KUMAR RAJAK	PH.D (IIT DHANBAD)	MANUFACTURING	CSIR-ADVANCE MATERIALS AND RESEARCH INSTITUTE, BHOPAL	SCIENTIST
D84/07	KUMAR BUDDHIRAJ	NA	MANUFACTURING	TATA TECHNOLOGIES LTD.	DEPUTY ENGINEER
D89/04	SHAILESH KUMAR	DEGREE (AMIE), CHARTERED ENGINEER	MANUFACTURING	DIGITAL WEIGHING SYSTEM PVT. LTD.	SENIOR MANAGER
D92/07	BANSHIDHAR DAS		MANUFACTURING	TATA TECHNOLOGIES LTD	DESIGN ENGINEER
D92/07	BANSHIDHAR DAS		MANUFACTURING	TATA TECHNOLOGIES LTD	DESIGN ENGINEER
D11 /12	AVINASH KUMAR MISHRA	BACHELOR IN INDUSTRIAL ENGINEERING (PURSUING)	MECHANICAL	FUJITSU GENERAL INDIA PVT LTD	ASSISTANT MANAGER
D12/04	SANJAY KUMAR	B.TECH	MECHANICAL	ACCENTURE INDIA PVT. LTD.	TEAM LEAD
D124/10	RAVI CHANDRA	DIPLOMA IN MECHANICAL	MECHANICAL	GMMCO LIMITED	ENGINEER (CUSTOMER SUPPORT)
D180/17	ARYAN RAJ	DIPLOMA	MECHANICAL	B. TEACK	ENGINEER
D22/11	CHANDAN KUMAR SINGH	DIPLOMA IN MECHANICAL ENGINEERING	MECHANICAL	EXIDE INDUSTRIES LTD	OFFICER
D70/13	DEEPAK KUMAR GUPTA	AMIE FROM IEI	MECHANICAL	RANA MOTORS LTD BASED ON GHANA, WEST AFRICA	SALES EXECUTIVE



GUEST LECTURE

14TH MARCH 2023

Guest Lecture delivered by Prof. Dr. Surender Kumar, President, Indo-US Research Institute for Sustainable Development and Former Professor & Head, Department of Production Engineering, BIT Mesra on the topic of "Modern Manufacturing Strategies".



EXHIBITION

ON NATIONAL SCIENCE DAY

28 FEB 2023



Students exhibited their Innovative Projects on the occasion of National Science Day, celebrated by Institute innovation council BIT mesra, Ranchi.



UNIFESTO 2023

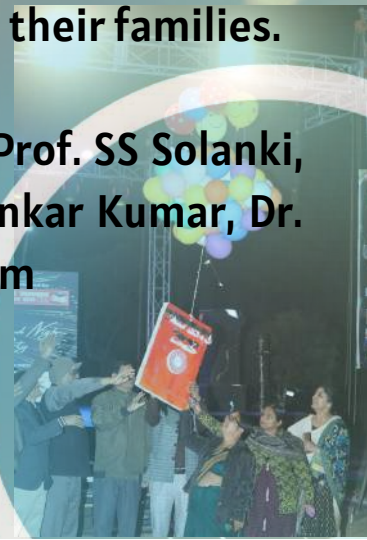
ON 15TH FEBRUARY



Farewell and fresher party was organized at University Polytechnic BIT Mesra.

The annual cultural festival "Unifesto 23" was organized at University Polytechnic BIT Mesra on Wednesday. On this occasion, Vice-Chancellor Dr. Indranil Manna said that events like Youth Festival work to give a platform to the extra talents of the students. The first performance of Unifesto started with Shiv Tandav. After this the group of students gave their presentation one by one. Sweety and group performed Nagpuri dance, Steffi and Preeti danced on South Indian song and Riya performed solo dance to enthuse the youth by presenting a song to the applause of the audience. On the other hand, Shivam Kumar Sahu presented the rap performance. On the other hand, Jagruti & Group presented a dance. Audience danced on Nagpuri song: After this, Animesh Nirupam arrived to make the audience dance on Nagpuri song, who enthralled the audience by performing dance on Nagpuri song. This Nagpuri dance was presented by Nishu & Group. Then the girl students of BMLT showed their talent by presenting dance. Sushila Kumari and Saloni Rani presented a dance and Pallavi and Ritika then Manjeet and then BMLT students also presented dance. The attraction of the program was the performance of DJ Kat, DJ Faizan and the students were present in large numbers. Enjoyed On this occasion, apart from all the students of the institute, teachers and non-teaching staff participated in the program along with their families.

Director Dr. Vinay Sharma, Bitosa Chairperson Dev Singh, Prof. SS Solanki, Prof. BN Sinha, Culture Coordinator Dr. Sandhya Rani, Shankar Kumar, Dr. Neeru Singh, Dr. Maqbool Hussain and others in the program







SPORTS DAY



FIT INDIA 

XIV ANNUAL ATHLETIC MEET (2023)

The annual athletic is one of the most awaited events in the campus. The students participate with great zeal and excitement. University Polytechnic BIT Mesra held its 14th Annual Athletic Meet on 9th and 10th February 2023 in the institute playground.

- Overall Champion(Winning Team): ELECTRICAL AND ELECTRONICS
- Runner Up Team: MEDICAL LAB TECHNOLOGY
- Individual Champion(Men): Deepak Mahto (MEDICAL LAB TECHNOLOGY)
- Individual Champion(Women): Arpana Khoya (Computer)



SPORTS DAY



DAY-1 [WINNERS] 09.02.2023

• SHOTPUT (MEN):- 1ST BARUN KUMAR MANDAL
2ND AYUSH PRAKASH
3RD ANSHUMAN KHALKO



• SHOTPUT (WOMEN):- 1ST PAYAL KUMARI
2ND ROSHNI KUMARI
3RD SUSHMA KUMARI

• DISCUS THROW (MEN) :- 1ST BARUN KUMAR MANDAL
2ND AYUSH PRAKASH
3RD AMITESH ORAON



• DISCUS THROW (WOMEN):- 1ST ROSHNI KUMARI
2ND PAYAL KUMARI
3RD ANISHA XAXA

• JAVELIN THROW (WOMEN):- 1ST AKANSHA LAKRA
2ND DIVYA KUMARI
3RD ANSHU KUMARI



• HIGH JUMP (MEN) :- 1ST ASHISH RUNDA
2ND ADITYA GARI
3RD AJAY KUMAR

• HIGH JUMP (WOMEN) :- 1ST SWEETY ORAON
2ND ANSHU KUMARI
3RD ARPANA KHOYA



SPORTS DAY



- **LONG JUMP (MEN)** :- 1ST DEEPAK MAHTO
2ND ASHISH RUNDA
3RD SAHIL NAYAK
 - **800 METERS RUN (MEN)** :- 1ST SHISHIR LAKRA
2ND NIPUN TIRKEY
3RD DHARMENDRA DEOGAN
 - **800 METERS RUN (WOMEN)** :- 1ST PURNIMA KUMARI
2ND NIDHI KUMARI
3RD MANISHA KUMARI
 - **1500 METERS RUN (MEN)** :- 1ST NIPUN TIRKEY
2ND SHISHIR LAKRA
3RD SUNIL KUMAR MAHTO
- DAY-2 10.02.2023**
- **3000 METERS RUN (MEN)** :- 1ST NIPUN TIRKEY
2ND SHIV RAJ KARMALI
3RD SHISHIR LAKRA
 - **JAVELIN THROW (MEN)** :- 1ST ANKIT TIRKEY
2ND CHANDAN ORAON
3RD MANISH KUMAR GUPTA
 - **TRIPLE JUMP (MEN)** :- 1ST ANKIT TIRKEY
2ND DEEPAK MAHTO
3RD ASHISH RUNDA
 - **200 METER RUN (WOMEN)** :- 1ST AKANKSHA LAKRA
2ND ANJU RANI ORAON
3RD PRIYANKA KUMARI



SPORTS DAY



• 200 METER RUN (MEN) :- 1ST ABHISHEK KUMAR
2ND ANUPAM KHAKHA
3RD VIVEK DHAN

• 1500 METERS RUN (WOMEN) :- 1ST ARPANA KHOYA
2ND MANISHA KUMARI
3RD AKANKSHA LAKRA

• LONG JUMP (WOMEN) :- 1ST SMRITI KUMARI
2ND NIRUPAM BAXLA
3RD RITU KUMARI

• 400 METER RUN (WOMEN) :- 1ST ARPANA KHOYA
2ND ANISHA EKKA
3RD LAXMI KUMARI

• 400 METER RUN (MEN) :- 1ST DHARMENDRA
2ND AMIT KUJUR
3RD ASHUTOSH TOPPO

• TUG OF WAR (WOMEN) :- 1ST EEE
2ND BMLT

• TUG OF WAR (MEN) :- 1ST EEE
2ND MECHANICAL

• 100 METER RUN (MEN) :- 1ST DEEPAK MAHTO
2ND CHANDAN ORAON
3RD ANUPAM KHAKHA



SPORTS DAY



• 100 METER RUN (WOMEN) :- 1ST ARPANA KHOYA
2ND PRIYANKA KUMARI
3RD JAGRITI PINGUA

• 4 X 100 METER RUN (WOMEN) :- 1ST EEE
2ND ECE
3RD CSE

• 4 X 100 METER RUN (MEN) :- 1ST BMLT
2ND ECE
3RD EEE





INDUSTRIAL VISIT

27th JAN 2023

Industrial Visit of students to Tata Motors Jamshedpur for understanding work culture of industry.



INDUSTRIAL VISIT

27th JAN 2023



INDUSTRIAL VISIT

6th FEB 2023

Industrial Visit of BMLT students in Sudha Dairy.



Swarswati Puja Celebration

26TH JANUARY 2023

On the auspicious day of Saraswati Puja, the students and faculty of University Polytechnic BIT Mesra came together to seek the blessings of the goddess of knowledge, music, art and culture. The event was celebrated with a lot of devotion and dedication by worshiping Goddess Saraswati, who is the fountain head of all learning and art forms. Students worshipped Maa Saraswati to seek wisdom, artistic and technical skills, academic excellence and a good heart. The ritual was graced with the presence of all the students, staff and faculty. The celebration concluded with 'prasad' distribution.







REPUBLIC DAY CELEBRATION ON 26TH JANUARY

Like every year, this year, also all the students and faculty members of our University had organized a grand program on the occasion of this Republic Day. Everyone was feeling very happy that day because it was a matter of great pride for all of us because on 26 January 1950 the constitution of India came into force and our country, India became a republic.

our hon'ble Prof. Dr Vinay Sharma hoisted the national flag and gave a motivational speech .After the National Anthem, which raised the patriotic fervour in the crowd, the event moved on with the performance of the cultural clubs of the university .The celebration of republic day ends with performances by students about our republic day.



On the occasion of Republic Day, Prabhat Pheri was taken out by the students of National Service Scheme, which was led by Program Officer Dr. Chanchal Kumar Mishra. NSS Volunteers used slogans to raise awareness. Many local people also joined volunteers for the Prabhat ferri.



FRESHERS{2K22} CUM FAREWELL PARTY {2K20 BMLT} ON 28TH NOVEMBER



A cultural event was organized at University Polytechnic bit msera, ranchi. the theme of which was AAGAAZ 2022, as Farewell was given to the outgoing batch 2k20 bmlt and fresher's party was given to welcome the new batch 2k22. On this occasion, the director of the institute, director Prof. Dr. Vinay Sharma encouraged the students and wished the outgoing batch all the best for their future, while welcoming the new students and said that "along with studies cultural programs are also very important ".The event was held in which **piyush raj** and **poonam kumari** of 2k20 batch of bmlt got the title of Mr. and Miss Farewell, and **sangam pandey** and **pallavi singh** of 2k22 batch were selected for Mr. and Miss Fresher. The program was coordinated by Dr. Neeru Singh and Mr. Shankar Singh. other teachers and staff were also present.



**MR & MISS FAREWELL
BMLT 2K20**



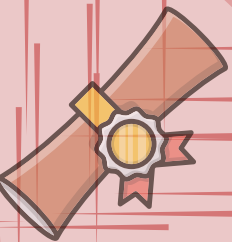
MR & MISS FRESHER 2K22



CONVOCAATION CEREMONY

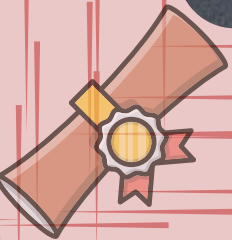
ON 4TH SEPTEMBER 2022

OUR 18th Degree and Diploma Awarding Ceremony 4th September 2022: Honorable Minister of Welfare, Government of Jharkhand Mr. Champai Soren grace the function as a Chief Guest. The convocation program includes the formal gathering of the past students and students of the current batch. The alumni and higher education authorities were also welcomed to motivate students for their future endeavors.





Gold medalist of BMLT branch Sharda Kumari with honorable welfare minister Mr. Champai Soren.



INDUCTION PROGRAM 2K22

23rd SEPT 2022



I. Mr. Vijay Pathak, Founder, Roti Bank Ranchi.



INDUCTION PROGRAM

2K22

22 nd sept 2022

2. Lecture on Universal Human Value (UHV) delivered by Dr. Sanjay Kumar .



INDUCTION PROGRAM

2K22

21st SEPT 2022



3. AICTE IDEA Lab, BIT Mesra.
Motto- motivating students towards Innovation.



INDUCTION PROGRAM 2K22

19th SEPT 2022



4. Space Engineering and Rocketry Department, BIT Mesra Motto- Igniting young mind for bright future.





Vishwakarma Puja Celebration on 17th September 2022

Vishwakarma Jayanti is celebrated, every year on the 17th September, in reverence of the Hindu God, Vishwakarma, the creator of the universe, also known as Swayambhu, who is entitled as the divine architect of the world. Indian traditions mark this date to worship the God because of whom we all exist.



University Polytechnic BIT Mesra also celebrates this event every year with the most joy and respect.





This year, the puja took place in the Automobile Workshop in the University premises of our campus in the prominent presence of our Hon'ble Director Prof. Dr. Vinay Sharma and all faculty members and students. Ritualistic puja and havan was performed to purify us and the environment. As the tradition goes, the tools and machines were also worshipped so that Lord Vishwakarma showers his blessing for their proper functioning and fruitful performance. The celebration concluded with 'prasada' distribution.




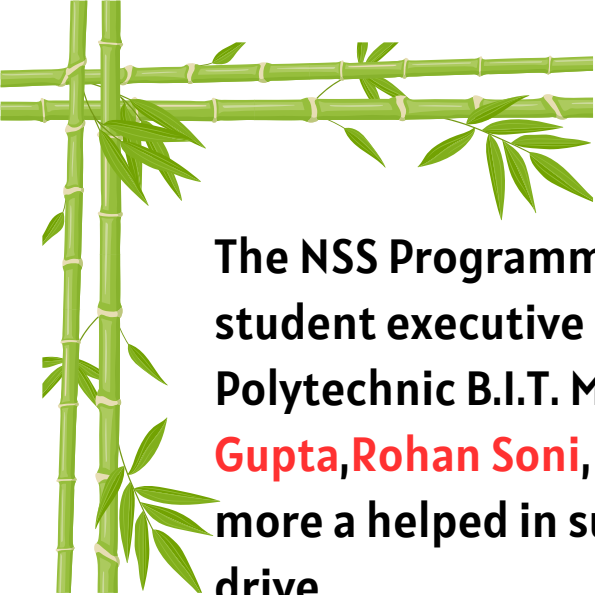


Plantation Drive


In 28th August 2022

Eminence and Inspiration were the words that resonated when NSS Unit conducted "Tree Plantation Drive". NSS volunteer of University Polytechnic BIT Mesra successfully organised a Plantation Drive which witnessed an enthusiastic participation from the NSS Volunteers and faculty members. All NSS volunteers gathered at the event and planted around 200 saplings. The program was in line with the environmental policies being promoted by both the institute and the government as well.

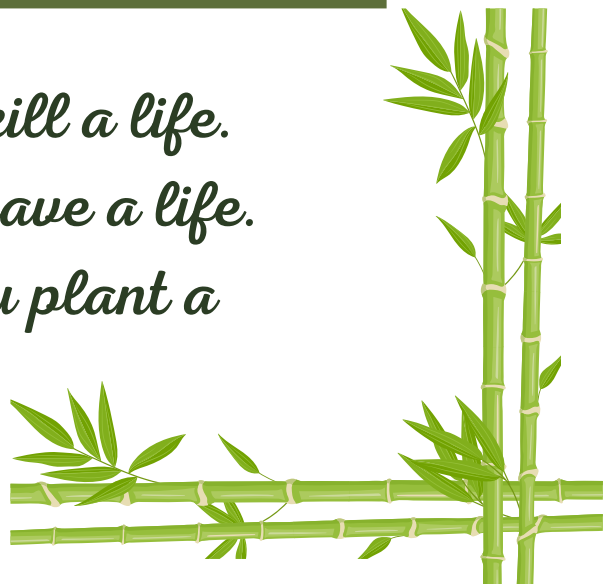




The NSS Programme Coordinator **Dr Chanchal Mishra** and student executive body members of NSS University Polytechnic B.I.T. Mesra lead by **Shekhar Singh, Manish Gupta, Rohan Soni, Piyush Kumar, Aditya Gupta** and many more helped in successful completion of the plantation drive.



*“If you cut a tree, you kill a life.
If you save a tree, you save a life.
If you plant a tree, you plant a
life.”*



INDEPENDENCE DAY CELEBRATION



Independence Day is significant as it commemorates the spirit of the freedom fighters who fought for the independence of the nation.

Independence Day Celebration in college is a day where students, faculties and staff pay tribute to the National and the freedom fighters of India. The day of India's independence is a day of pride, love and respect towards our Nation. India's Independence Day is celebrated 15th August every year. It's a remarkable day where we honor and respect all our Indian freedom fighters who fought for India's Freedom. Our Director Prof. Dr. Vinay Sharma delivered a motivational speech followed by flag hoisting and National Anthem. After the National Anthem, which raised the patriotic fervour in the crowd, the event moved on with the performance of the cultural clubs of the university. The celebration of independence day ends with performances by students about our independence day.



GEOINFORMATICS USING DRONE TECHNOLOGY



Government of India's initiative to use drone-based technology in the field of science and other sectors where drones can be used for production and maintenance. A short term certificate program is being started in University Polytechnic for training in the use of drones and its maintenance. . Short term training program on Geoinformatics using drone technology was formally inaugurated at University Polytechnic, Birla Institute of Technology. In the inaugural address of the program, Vice Chancellor of BIT Mesra, Dr. Indranil Manna expressed his views on the widespread utility of drone technology in the present times. He motivated the institute to work with the aim of making it the best polytechnic institute in the country.



GEOINFORMATICS USING DRONE TECHNOLOGY

The director of the institute Dr. Vinay Sharma said that the University Polytechnic is committed to provide quality technical education to the youth of the state. Dean Research Innovation & Entrepreneurship Dr. C. Jagannathan gave his views on the utility of drone technology in the field of geoinformatics and crop production survey in agriculture. Program coordinator MR. Abhay Kumar presented the vote of thanks. A 40-hour course based on this modern technology is being organized in collaboration with AICTE Idea Lab. Idea Lab Coordinator Dr. Priyank Kumar, participants from various educational institutions of the state as well as all the teachers and staff of the institute were present on the occasion.





INTERNATIONAL YOGA DAY 2022



On 21st June 2022, University polytechnic BIT mesra celebrated International Yoga Day. It was attended by many faculty member and Director Prof. Dr. Vinay Sharma.



Yoga is the ancient way to attain physical, mental, and spiritual practice. Yoga Trusted Source is an ancient practice that may have originated in India. It involves movement, meditation, and breathing techniques to promote mental and physical well-being.

All Faculties, Staff and children were taught the importance of Yoga in their life and how to maintain the harmony between body and mind. The students discussed the importance of yoga and also exhibited yoga postures and promised to introduce this activity in their daily lives.





**" YOGA IS A JOURNEY OF THE SELF,
THROUGH THE SELF ,TO THE SELF "**



FRESHERS{2K21} CUM FAREWELL PARTY {2K19}



6TH MAY 2022

Two years after the Corona period, an offline cultural event was organized at University Polytechnic, the theme of which was Fusion Night, as Farewell was given to the outgoing batch 2k19 and fresher's party was given to welcome the new batch i.e 2k21. On this occasion, the director of the institute, Prof. Dr. Vinay Sharma encouraged the students and wished the outgoing batch all the best for their future, while welcoming the new students and said that "along with studies cultural programs are also very important ".The event was held in which **Diwakar Singh** and **Shalvi Snehit** of 2019 batch got the title of Mr. and Miss Farewell, while **Srijan** and **Payal Kumari** of 2020 batch and **Amrit Raj** and **Riya Kumari** of 2021 batch were selected for Mr. and Miss Fresher. The program was coordinated by Dr. Neeru Singh and Mr. Shankar Singh. On this occasion Mrs. Neeta Sharma, Dr. Sandhya Rani, Mr. Abhay Kumar, Dr. Satish Kumar, Mrs. Nirupam, Mrs. Mridula Pathak along with other teachers and staff were also present.



MR & MISS FAREWELL



MR & MISS FRESHER 2K21



MISS FRESHER 2K20

CAMPUS ACHIEVEMENT



BLOOD DONATION CAMP

On the occasion of Amrit Mahotsav of Independence, on 9/3/22 University Polytechnic, B. I. T. Mesra's N. S. S. (National Service Scheme) Unit in collaboration with Sadar Hospital Ranchi concluded the two-day program with a blood donation camp. In which the chief guest was Director, Professor Vinay Sharma.

About 45 units of blood were collected by the blood centre.

On this occasion, Professor Vinay Sharma, Director of University Polytechnic, said that every person must donate blood once in life.

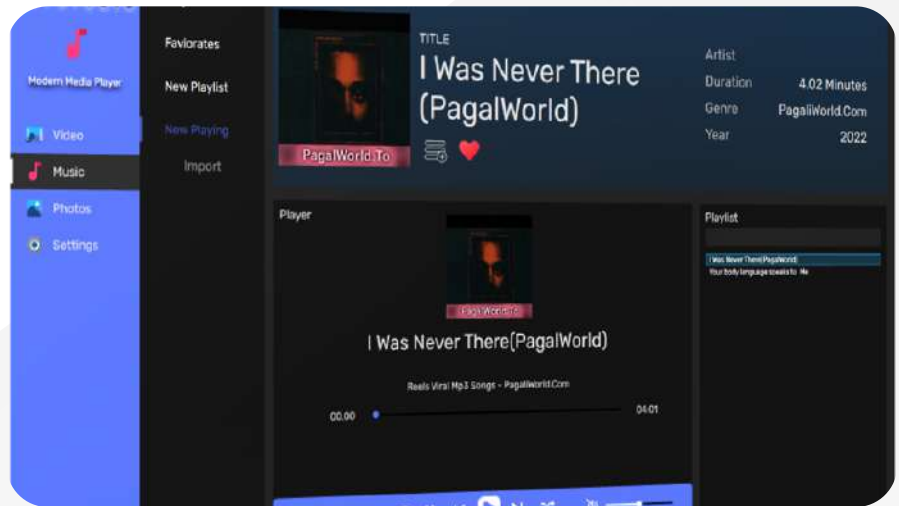
Youth should actively participate in blood donation.

Free blood pressure, diabetes and blood group tests were done on the occasion.



चलो रक्त दान को जीवन मे अपनाए हर एक जान को बचाए"

A.V.I STUDIO Media System



Design & Developed in Visual Studio Community 2022 using C#.A multipurpose and user-friendly software where we can enjoy our content without any limitations. Fully-featured music and video library that allows us to quickly browse and play, as well as create and manage playlists. The modern and simple UI helps to interact with this software easily and enjoy the experience of multimedia. Media Player includes full support for browsing, managing, and watching our local video collection too. All the content in the music and video folders on our PC will appear automatically in our library.

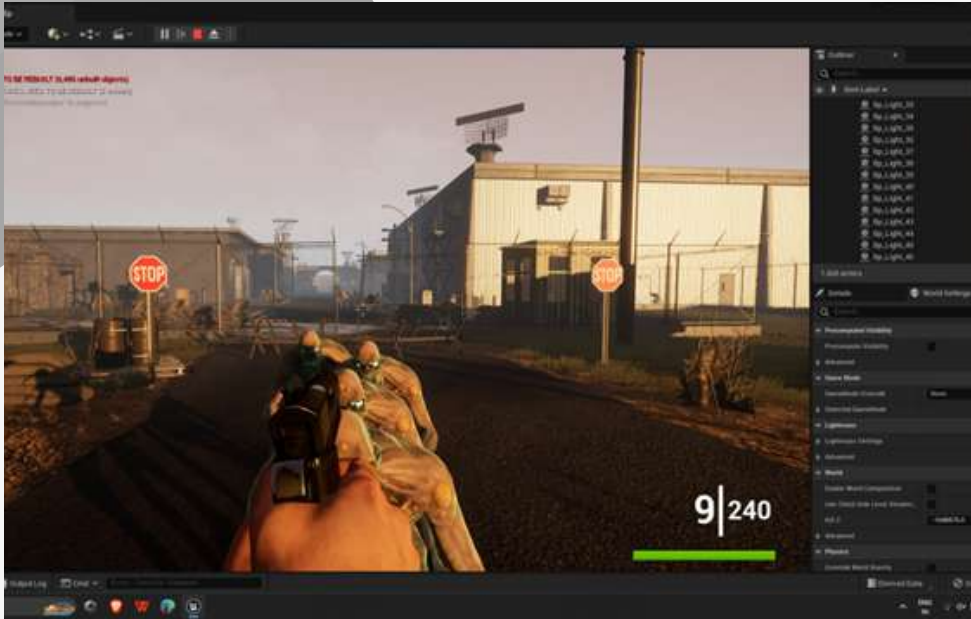
By – Ravikant(DL005/21)
Gopishwar Hembrom(D057/20)
Sonu Kumar Sah (D084/20)
Vikash Kumar(DL021/21)
Computer Engineering
Project Guide: Mr. Abhay Kumar



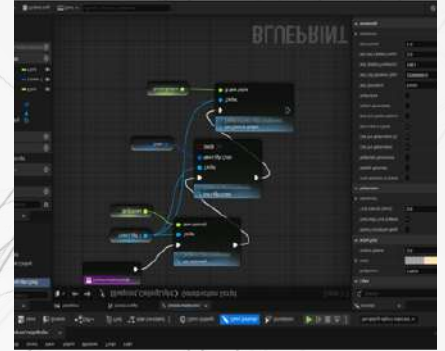
GenApocalypse



PC GAME



BLUEPRINT :-



GenApocalypse is a Immersive zombie-apocalypse-themed first-person shooter Game with survival horror and action role-playing elements.GenApocalypse provides various type of weapons and co-mission.

GenApocalypse gives players Immersive feelings.

Players can play with their friend. Players can use different strategies to make the gameplay interesting.

Players can enjoy the Game and it could reduce their Stress.

Developed in Unreal Engine 5

By:- Shivam Rana (D/072/20)

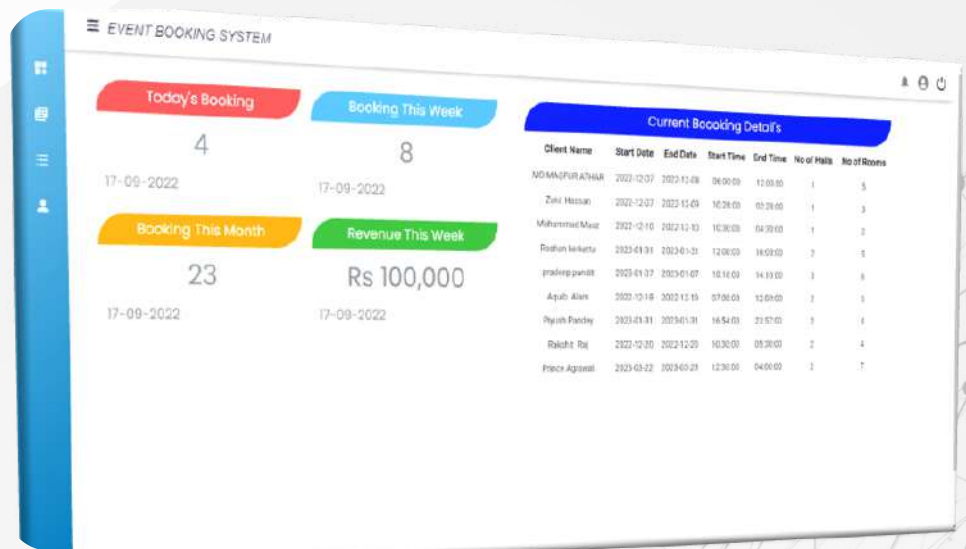
Wakar Mirdaha (D/054/20)

Yash Vanshraj (D/106/20)

Project Guide:- Mr.Rajendra Mahto



Event Booking System



Design & Developed by :- Language - React, JavaEE, MySQL
Platform VS Code, Spring Tool Suite, MySQL Workbench.

The main objective of this project on Event Booking System is to manage the details of Events or Activities. It manages all the information about the booked event. The purpose of the project is to build an application program to reduce the manual work for managing the booking Events and Activities. It also helps to track all the information related to the Event. It provides easy and faster user interface design, so that user can efficiently book the event. The dashboard page shows booking details and customer details automatically as the booking confirm.

By :- Prince kumar Agrawal (D/080/20)

Md. Magfur Athar(DL/049/21)

Piyush Pandey (DL/041/21)

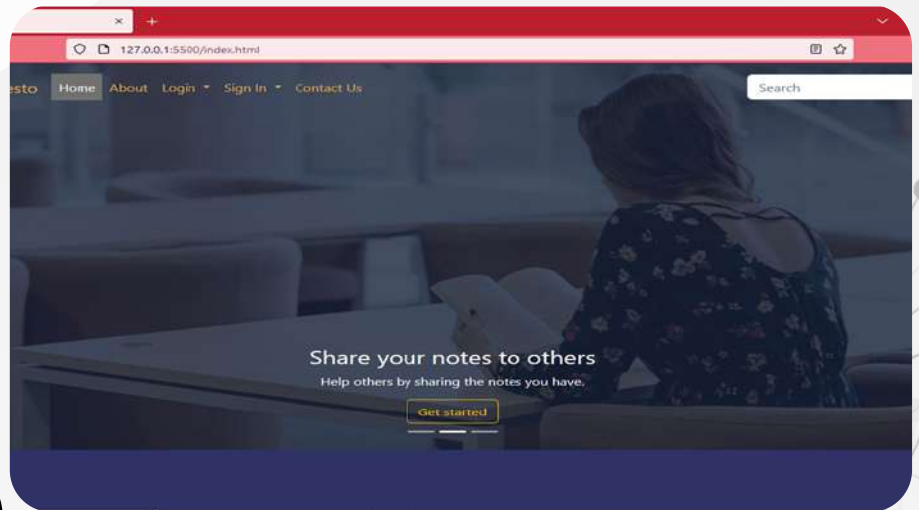
Pradeep Pandit (DL/027/21)

Computer Engineering

Project Guide :- Mr. Ramnish Sinha



EDUCATIONAL WEBSITE STUDENT MANIFESTO



It is an educational website that aims to provide free courses as well as notes to the students. It is a platform where anyone can have access. It offers easy to understand platform to students and teachers to learn various concepts. With this platform students from various universities can share their notes as well as the teachers too can share their courses and notes. Through this we can tell our viewers what courses and services we are offering. The design of our website grows interest to the viewers that will help them to learn and understand the concept in a better way.

Students can raise their question in the Q/A section and the course teacher can answer to those questions. This will provide easy interaction between students and teachers. Along with these features we have Quiz section that will help in enhancing students knowledge and they will know where they stand. Ultimately, the goal of our website is just not to learn but to gain the knowledge and concepts of the topic.

Platform:-

Designed and developed in Vs Code using languages like HTML, Javascript, PHP, CSS and for Database My SQL is used.

By- Nandani Priya(D/068/20), Pritha Kumari(D/033/20), Sejal Kumari(D/045/20), Jyoti Kumari(D/007/20)

Computer Engineering

Project Guide- Mr. Niraj Kumar

BLUETOOTH RC CONTROLLER WITH OBJECT DETECTION

Here is a simple to control your robot/robot car using Bluetooth module HC-06 with your android Smartphone device. The controlling devices of the whole system are an Arduino, Bluetooth module, and DC motors are interfaced. The data received by the Bluetooth module from an android smartphone is fed as input to the controller. The controller acts accordingly on the DC motor of the robot car. The robot car in the project can be made to move in all four directions using the android phone. The direction of the robot is indicators using LED indicators of the car system. The initial step of this is to pair the HC-05 Bluetooth module with a mobile. Once the connection is established we need to press connect so that it gets triggered with a default password. There will be a predefined lookup table coded in a program that contains the information of direction and ASCII code. Also, an Ultrasonic sensor is attached to the car. This sensor will help in sensing any object closer to the car and will change the direction of the car.

By-Aditya Nandan DL/010/21
Akanksha Singh D/059/20
Guide- Md. Maqbool HUSSAIN

Guess the name



The name of the project is “Guess the name”. It is a game based application in which we have to guess the answer from the shown images and fill in the blanks and complete the words. This game has some levels and we have to pass the level, when we pass the levels we get some coins for that to unlock other levels.

App development platform : Quick app ninja

- >Quick App Ninja is a game app builder with templates that allow us to easily create our own quiz games.
- >It is a platform to make games for androids .
- >We can create apps easily and at free of cost on this platform.
- >We can upload the apps in the google play store to download and play the games.

By:Aman Kumar D/048/21

Abishek Kumar RajakD/144/21

Surag Pahan D/075/21

NAME OF PROJECT- Automatic Plant Irrigation Water Sprinkler System.

• INTRODUCTION AND WORKING-

We made a Automatic Plant Irrigation Water Sprinkler System to be used in Agricultural Field . This System will help the farmers in many ways. In this system an LED display, Motor, Sensor and Arduino is the main part. When the power supply is given to the Arduino, our system becomes active. The soil sensor will sense the moisture level of soil, If the moisture level of soil will sensed as low, The buzzer starts making a beep sound and the motor will automatically turns on and start irrigating the plants. After the moisture level will become 100% in water, the motor will automatically turns off. The percentage level of water and condition of motor is displayed on the LED display.

• ADVANTAGES OF PROJECT-

1. Sometimes due to the high level or low level of water in fields the entire crops gets ruined, in such condition this model will maintain the level of water in the field by irrigating 100% water and not more than it in field.
2. It will also save water from getting wasted.
3. It will save plant from getting ruined.
4. It will work with both ac and dc conditions.

Project By-

Ishika Pathak D/024/21

Sakshi Gupta D/041/21

Shweta Kumari D/134/21

Siddhi Kumari DL/021/22

SRIJAN -THE TECH EXPO

NAME OF PROJECT- Musical Website

- **APPLICATION OF THE PROJECT**

1. The trending and latest songs in high quality.
2. In this musical website video's can also play.

- **ADVANTAGES OF PROJECT-**

- 1.High quality songs and free of cost
- 2.Chat with your friends and can talk with the owner.
- 3.Now,the musical website is upgraded to video's.

Project By-

Abhishek Ojha D/064/20

Ankita Mallick D/047/21

Anshu Kumari D/098/21

NAME OF PROJECT :- PIEZOELECTRIC EFFECT

• INTRODUCTION

Piezoelectric Effect is the ability of certain materials to generate an electric charge in response to applied mechanical stress.

When piezoelectric material is placed under mechanical stress, a shifting of the positive and negative charge centers in the material takes place, which then results in an external electrical field.

• ADVANTAGES OF PEIZOELECTRIC EFFECT

1. Simple structure
2. No need for external voltage source
3. High output voltage
4. Low maintenance

Project by-

Prince Kumar Yadav (D/021/21)

Harsh Sharma (D/146/21)

Anurag Sinha (D/052/21)

Rajeev Ranjan Saw (D/083/21)

NAME OF PROJECT :- BIT-MART APP

• INTRODUCTION

The name of the project is “BIT MART”. It is a online shopping based application .It is a form of electronic commerce which allows the consumer’s to directly purchase the goods or services from a seller over the internet using an application.

• ADVANTAGES OF APP

- > Simple and easy to use.
- > Personalised search option.
- > Complete Order details.
- >There will be a feedback feature also

Project by:-

Aman Kumar (D/048/21)

Surag Pahan (D/075/21)

Abhishek Rajak (D/144/21)

NAME OF PROJECT :- Brick collin

• INTRODUCTION

In rural areas coal is getting used thoughtlessly. Therefore we take off an idea to save the environment by soke small move. We are thinking of building brick collin in such a way that the environment will be safe and will be more cheap and useful to the small and big brick collin owners. As the several principal emissions result from coal combustion :- Sulper dioxide which contributes to acid rain and respiratory illness. Nitrogen oxides which contribute to smog. We will use heat energy produced by the heat coil to bake the brick.

• ADVANTAGES OF APP

- > There will be full-stop in the thoughtless use of coal.
- > There will be the stop in air pollution caused by the burning coal.
- > As making brick causes high labour cost for baking so this method can lead to the cheaper cost for the labour.

Project by:-

Ritu Kumari(D/061/21)

Rima Kumari(D/062/21)

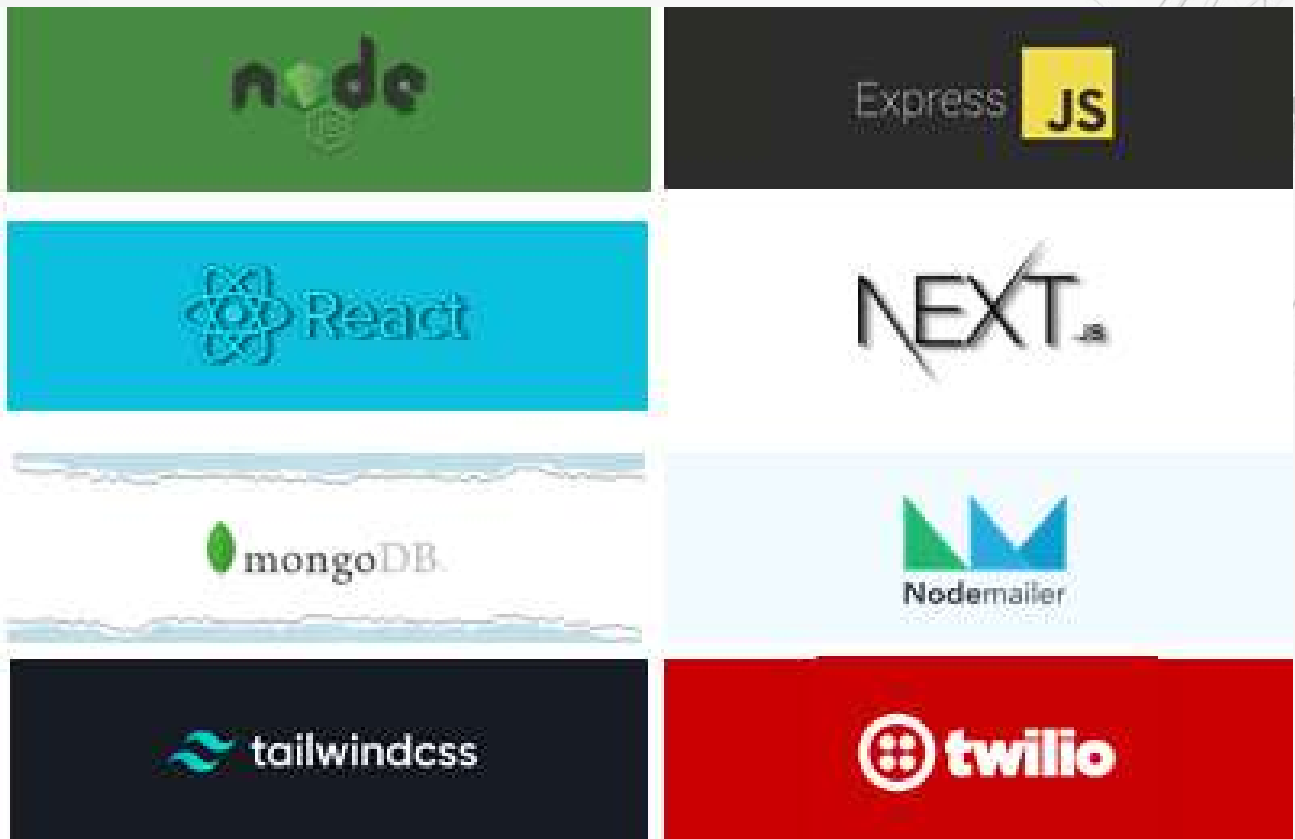
Purnima Kumari(D/063/21)

VOIP WEB BASED APPLICATION

INTRODUCTION

Voice over Internet Protocol (VOIP) is a technology that allows people to make voice calls over the internet instead of using traditional telephone lines. It enables people to communicate with each other using their computers, smartphones, or any other internet-connected devices. Some VOIP applications are Discord, Skype, and WhatsApp.

TECH STACK



FUNCTIONALITY

Voice Calling	Video Calling
Messaging	Conferencing
Group Chats	File Sharing
Encryption	APIs



Guide

Mr. Ramnish Sinha

Contribution

Rakshit Raj DL/25/21

Aquib Alam D/053/20

Piyush Kumar D/043/20

Priya Muskan Swansi DL/23/21

Department of Computer Engineering of University Polytechnic Received a Grant from AICTE under MODROB-POLY SCHEME

Computer Engineering Department of University Polytechnic received a grant of Rs 15,64,750/- from AICTE under MODROB - Polytechnic Scheme for “Modernization of Computer Hardware & Network Lab” vide letter no F.No.9-106/IDC/MOD-POL/Policy-1/2021-22 dated 20.1.2022.

1. Total Project Cost : Rs.1684750/-
2. Contribution from AICTE : Rs. 1564750/-
3. Contribution from Institute : Rs 120000/-

Under this project we are going to procure latest equipment for Computer Hardware Lab & Computer Network Lab.

Mr. Niraj Kumar is PI and Mr. Ramnish Sinha is Co-PI of the Project.

List of items to be procured under this project.



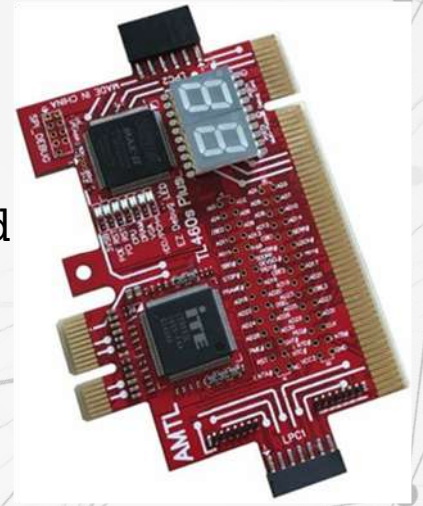
Server Machine

Managed Switch





PC Hardware Trainer



Diagnostic Card



Student Life at University Polytechnic- Opportunities UNLOCKED!!!

DR. SUMANA KUMARI

**ASSISTANT PROFESSOR,ECE, UNIVERSITY POLYTECHNIC BIRLA
INSTITUTE OF TECHNOLOGY MESRA, RANCHI**

Student life is one of the most memorable and transformational phases of a person's life. The phase of student life builds the foundation of life not merely on the books but the experiences we earn from the daily life. We learn to grow emotionally, physically, philosophically as well as socially.

Campus of University Polytechnic itself is a part of the learning course in a student's life. It helps students to be less reticent and convert their shortcomings into their forte. Campus life is beyond the infrastructural and academic training sessions and courses. It complements students with a unique opportunity to live through the experiences that otherwise is arduous.

The world is changing at an accelerated rate & we as educators need to pause & reflect on the entire system of education. At University Polytechnic, we review on how well equipped we are to prepare our students to face the challenges the future holds for them. These factors motivate us towards a continuous process of reflection. Thus we revise and revisit our syllabus and course structure on a regular basis and prepare a well balanced curriculum, facilities that nurture not only academic areas but co-curricular areas too. We aim at enhancement of skills and enrichment of knowledge base in our students through various extra-curricular, co-curricular and curricular activities. This is enabled through our faculty who update and upgrade to keep pace with the current developments besides contributing to the expansion of the body of knowledge in their field of expertise.

There are various dedicated committees and cells for the assistance and all-round development of students.

To prepare the young minds University Polytechnic has a well thought and planned sequence of events in profusion, throughout its academic year, related to the academic, sports, cultural, religious, entertainment or those related to social causes. In this context, Seminars, Workshops, Symposiums, Exhibitions, Cultural get-together and a variety of competitions become essential constituents of the Campus life at University Polytechnic.

There are some important panel discussions and workshops centred on debatable social issues, policy changes, arranged to update the students about the current happenings in the society. They are involved in the various activities arranged through NSS to realize and cater to the present day needs of the society.

The campus life of University Polytechnic prepares that platform for the student where they can invest their time and efforts to improve upon their skills and grow ahead on their own terms. This investment assures a good return on investment to the students who otherwise end up in the wrong profession their lives.

The Art of Facing the Fears

Abhay Kumar

Course Coordinator, Computer Engineering, University
Polytechnic Birla Institute of Technology Mesra , Ranchi

We all fear facing about something or the other and no , I am not talking about phobias, I am talking about the Lil things which makes u feel different from the others or stops you from achieving ur goals, most of you hesitate in asking questions in class , answering something , trying something new like public speaking , showing your skills or unleashing your true potentials out of fears of inferiority or being told you are not worth it! But hear me out the mighty universe began as something called a singularity: a point of zero but infinite density like you guys , know ur destiny work for it .begin again and again, No matter what you're facing, you have what it takes to figure it out and become the person you are meant to be, despite what your mind may have lead you to believe, you're not weak or incapable. you deserve everything. we aren't in a court of judgement so Let your fears out and face them.

“ वक्त बहुत कम है
और काम बहुत ज्यादा
हार नहीं मानेंगे पक्का है इरादा”

University Polytechnic-A hub of opportunities for the students of Jharkhand

Facilities

I. HOSTEL FACILITIES



The University Polytechnic is fully residential with three large hostels; two for boys (BH-1& BH-2) & one for girls (GH) providing accommodation for about 600 students.

II. LABORATORIES AND WORKSHOPS

The institute has fully equipped laboratories and workshops required for the various courses offered. The students are also exposed to the laboratories of the main campus for various sessional courses.



III. LECTURE ROOMS



There are 13 spacious, well lighted and ventilated lecture rooms/halls. The seating capacity ranges from a minimum of 60 to a maximum of 150 with all modern facilities for effective classroom teaching

IV. LIBRARY FACILITIES



It is the central facility of the institute to support studies, teaching, research and development. There are more than 13000 text and reference books. It comprises of hybrid resources, i.e. print as well as electronic. The library has extended resources with the help of BIT Main Centre.

It has separate Internet section consisting of a number of networked terminals for providing recent and most comprehensive access to online journals, online databases, nearly 1,47,000 e-books and other online reference resources.

V. TRAINING AND PLACEMENT



The TnP Cell ensures that the students receive thorough industrial exposure through visits and summer trainings and all eligible candidates get through the best placement options.

VI. SPORTS AND NSS



The campus life at University Polytechnic accommodates a prolific range of co-curricular activities. The games and sports facilities include ground for track and field events, cricket and football grounds and Basketball, Volleyball and Badminton Courts.

VII. SCHOLARSHIP FACILITY

Students from ST,PT,SC and OBC categories receive scholarship from Welfare Department, Government of Jharkhand every year as per norms of state Government .

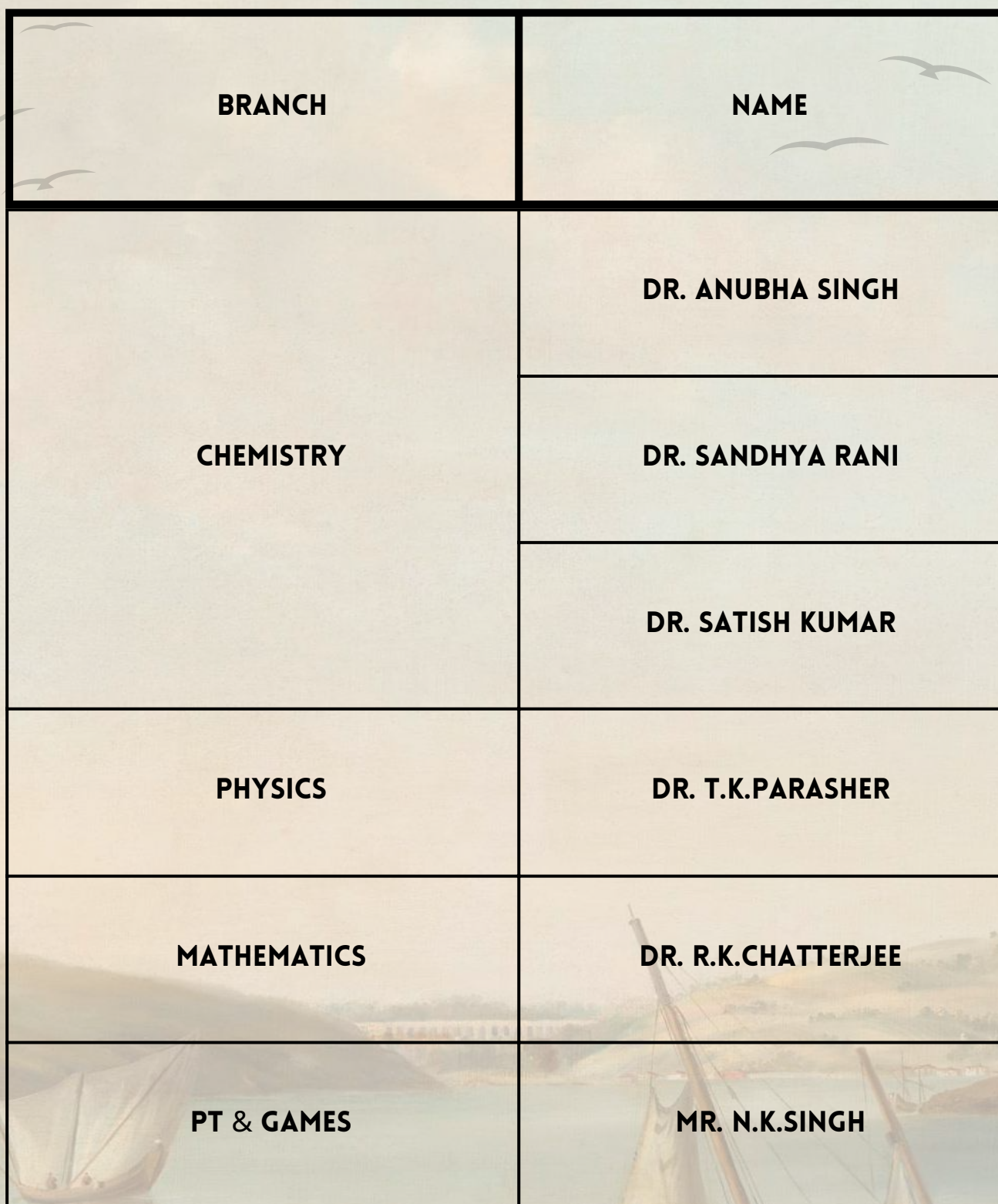
In order to avail the scholarship, students should meet the eligibility criteria as notified by the Welfare Department, Government of Jharkhand. For details, students can refer the following link: <https://ekalyan.cgg.gov.in>

VIII.FACULTY MEMBERS

University Polytechnic has highly qualified, sincere and talented faculty.

BRANCH	NAME
AUTOMOBILE ENGINEERING	MR. P.TOPPO
	MR. SHANKAR KUMAR
COMPUTER ENGINEERING	MR. ABHAY KUMAR
	MR. RAMNISH SINHA
	MR. NIRAJ KUMAR
	MR. RAJENDRA MAHTO
EEE	DR. MEENA SINGH
	MR. N.K.MUKHERJEE
	MR. SURENDRA KUMAR MAHTO

BRANCH	NAME
ECE	DR. SUMANA KUMARI
	MRS. NIRUPAM
	DR. (MD.) MAQUBOOL HOSAIN
MECHANICAL ENGINEERING	MR. RAMKESH
	MRS. REKHA KUMARI
	MR. MANOJ KUMAR
	MR. RAKESH
	MR. P.R.MAHTO MR. RAM KISHORE PRASAD



BRANCH	NAME
CHEMISTRY	DR. ANUBHA SINGH
	DR. SANDHYA RANI
	DR. SATISH KUMAR
PHYSICS	DR. T.K.PARASHER
MATHEMATICS	DR. R.K.CHATTERJEE
PT & GAMES	MR. N.K.SINGH

DR. SUMANA KUMARI

ASSISTANT PROFESSOR

ECE, UNIVERSITY POLYTECHNIC

SPANDAN



UNIVERSITY POLYTECHNIC BIT MESRA, RANCHI



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UNIVERSITY POLYTECHNIC B.I.T. MESRA IN NEWS



बीआईटी मेसरा पॉलिटेक्निक की 28 छात्राओं का प्लेसमेंट

रांची, प्रमुख संवाददाता। बीआईटी मेसरा पॉलिटेक्निक की 28 छात्राओं का प्लेसमेंट ऑनलाइन आयोजित प्लेसमेंट ड्राइव में हुआ है। इसके तहत 7 छात्राओं का चयन आनंद ग्रुप की देवास में स्थित कंपनी ग्रिनियल इंडिया लिमिटेड और 21 छात्राओं का चयन महल्टे फिल्टर, पुणे में हुआ है।



बीआईटी मेसरा में कैम्पस ड्राइव में चुनी गई छात्राएं।

फैकल्टी मेंटर सम्मानित किए गए

रांची। औद्योगिक अनुसंधान और छात्र इंटरशिप के लिए सैमसंग प्रिज्म की ओर से बुधवार को बीआईटी मेसरा में फैकल्टी मेंटरों का सम्मान समारोह आयोजित किया गया। इसकी शुरुआत करते हुए सैमसंग प्रिज्म के इरटीयूट समन्वयक डॉ विजय नाथ ने सैमसंग प्रिज्म के साथ संचालन, समन्वय और सफल कार्यक्रम रणनीतियों के बारे में बताया। समारोह में डॉ एमके भूकल, डॉ अभिनव...

हिडालको में यूनिवर्सिटी पॉलिटेक्निक बीआईटी के सात विद्यार्थियों का चयन

रांची. यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा के सात विद्यार्थियों का चयन आदित्य बिरला ग्रुप के हिडालको में हुआ है. इनमें डिप्लोमा इन मैकेनिकल इंजीनियरिंग के यश प्रताप सिंह, सिया कुमारी मेहता, गौरव कुमार, आस्तिक कुमार माझी, डिप्लोमा इन इलेक्ट्रिकल एंड इलेक्ट्रॉनिक्स इंजीनियरिंग की पायल कुमारी, राजशेखर और अंकित कुमार गिरी शामिल हैं. संस्थान के निदेशक डॉ विनय शर्मा ने शुक्रवार को चयनित विद्यार्थियों को कंपनी ऑफर लेटर देकर सम्मानित किया. ट्रेनिंग एंड प्लेसमेंट सेल के संयोजक डॉ सतीश कुमार ने कहा कि चयनित छात्र पहले ट्रेनिंग में शामिल होंगे. इस अंतराल में तीन लाख रुपये वार्षिक पैकेज दिया जायेगा. वहीं, एक वर्ष की ट्रेनिंग के बाद जूनियर इंजीनियर के पद पर उच्च वेतनमान पर पदस्थापित किया जायेगा. वर्तमान संचालित सत्र में अभी तक कुल 90 जीव ऑफर संस्थान के विद्यार्थियों ने हासिल किये हैं. आगे भी कैम्पस प्लेसमेंट की प्रक्रिया जारी रहेगी.

बीआईटी में छात्रों के लिए प्रतियोगिता

रांची। बिड़ला प्रौद्योगिकी संस्थान (बीआईटी), मेसरा पॉलिटेक्निक में अखिल भारतीय तकनीकी शिक्षा परिषद से निर्देशित तीन सप्ताह से चल रहे उन्मुखीकरण कार्यक्रम का समापन शुक्रवार को हुआ। समापन सत्र में इनोवेटिव आइडिया प्रतियोगिता हुई।

कार्यक्रम के संयोजक डॉ सतीश कुमार ने प्रतिभागियों को इनोवेशन के लिए जिज्ञासा, कल्पनाशीलता व रचनात्मकता पर जोर देने के लिए प्रेरित किया। संस्थान के निदेशक डॉ विनय शर्मा ने नवाचार और रोटी बैंक रांची के संस्थापक विजय पाठक ने समाज सेवा पर विचार रखे। कार्यक्रम में 105 विद्यार्थियों ने भाग लिया।

बीआईटी पॉलिटेक्निक में ड्रोन टेक्नोलॉजी कोर्स शुरू



ड्रोन टेक्नोलॉजी कोर्स की शुरुआत के मौके पर उपस्थित कुलपति प्रो इंदनील मन्ना।

रांची, प्रमुख संवाददाता। बीआईटी मेसरा पॉलिटेक्निक में ड्रोन के उपयोग व उसके रख-रखाव के प्रशिक्षण के लिए शार्ट टर्म सर्टिफिकेट कोर्स शुरू किया जा रहा है। भारत सरकार के ड्रोन आधारित तकनीक का विज्ञान, कृषि, जल संसाधन, परिवहन के क्षेत्र में इस्तेमाल के अंतर्गत ड्रोन के माध्यम से वृद्धत कार्य हो रहे हैं।

- कुलपति ने ड्रोन टेक्नोलॉजी की उपयोगिता पर विस्तार से चर्चा की
- सूचना विज्ञान व कृषि में फसल के उत्पादन सर्वे में ड्रोन की उपयोगिता पर बल

समय में ड्रोन टेक्नोलॉजी की व्यापक उपयोगिता पर विस्तार से चर्चा की। उन्होंने मेसरा पॉलिटेक्निक को देश के सर्वश्रेष्ठ पॉलिटेक्निक संस्थान बनाने के उद्देश्य से कार्य करने के लिए प्रेरित किया। संस्थान के निदेशक डॉ विनय शर्मा ने बताया कि यूनिवर्सिटी पॉलिटेक्निक राज्य के युवाओं को गुणवत्तापूर्ण तकनीकी शिक्षा प्रदान करने को प्रतिबद्ध है। ड्रोन रिसर्च इनोवेशन एंड एंटरप्रेनोरशिप डॉ...

रांची, बुधवार, 20 जुलाई 2022

बीआईटी मेसरा के 179 विद्यार्थियों का प्लेसमेंट

रांची, प्रमुख संवाददाता। बिड़ला प्रौद्योगिकी संस्थान (बीआईटी), मेसरा, पॉलिटेक्निक के 179 विद्यार्थियों को विभिन्न कंपनियों की ओर से आयोजित कैम्पस प्लेसमेंट

इलेक्ट्रॉनिक्स एंड कम्प्यूटेशन इलेक्ट्रिक एंड इलेक्ट्रॉनिक्स मैकेनिकल व ऑटोमोबाइल इंजीनियरिंग संकाय के 169 छात्राओं का चयन हुआ है। वहीं, बीएस

यूनिवर्सिटी पॉलिटेक्निक, बीआईटी मेसरा के सात विद्यार्थियों का हुआ कैम्पस प्लेसमेंट

सिटी रिपोर्टर | रांची

यूनिवर्सिटी पॉलिटेक्निक, बिरला प्रौद्योगिकी संस्थान के सात छात्र-छात्राओं का आदित्य बिरला ग्रुप की कंपनी हिडालको में कैम्पस प्लेसमेंट हुआ। दो चरणों में आयोजित कैम्पस प्लेसमेंट ड्राइव में मैकेनिकल ब्रांच के चार छात्र-छात्राओं, जिसमें यश प्रताप सिंह, सिया कुमारी मेहता, गौरव कुमार, आस्तिक कुमार माझी तथा इलेक्ट्रिकल एंड इलेक्ट्रॉनिक्स ब्रांच के

3 छात्र-छात्राओं जिसमें पायल कुमारी, राजशेखर तथा अंकित कुमार गिरी शामिल हैं। संस्थान के निदेशक डॉ विनय शर्मा ने चयनित छात्र-छात्राओं को वितरित किया गया। उन्होंने सभी छात्र छात्राओं को उज्ज्वल भविष्य की शुभकामनाएं दी। ट्रेनिंग एंड प्लेसमेंट सेल के संयोजक डॉ. सतीश कुमार ने बताया कि अभी ट्रेनिंग के दौरान सभी चयनित छात्र छात्राओं को 3 लाख वार्षिक का पैकेज दिया गया है।

UNIVERSITY POLYTECHNIC B.I.T. MESRA IN NEWS



पॉलिटेक्निक के छह विद्यार्थियों का विप्रो में हुआ चयन

बीआईटी मेसरा

रांची, बरीय संवाददाता। यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा के छह विद्यार्थियों का चयन विप्रो कंपनी में हुआ है। राष्ट्रीय स्तर पर दो चरणों में आयोजित ऑनलाइन कैम्पस प्लेसमेंट ड्राइव के माध्यम से इनका चयन किया गया। इसमें इलेक्ट्रॉनिक्स संकाय से कुणाल कुमार, विश्वजीत पासवान व

साकेत सुमन और कंप्यूटर संकाय से नीतू कुमारी, रोहित कुमार व रितेश मुंडा शामिल हैं।

इन विद्यार्थियों को कंपनी के द्वारा जॉब के साथ-साथ देश के प्रतिष्ठित संस्थान से उच्च शिक्षा का भी अवसर प्रदान किया जाएगा। संस्थान के निदेशक डॉ विनय शर्मा ने सफल छात्र-छात्राओं को बधाई देते हुए उनके उज्ज्वल भविष्य के लिए शुभकामनाएं दी हैं।



यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा के प्रोफेसर बुने गए छात्रों के साथ

यूनिवर्सिटी पॉलिटेक्निक में टेक्निकल फेस्ट 21

रांची, यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा में 21 मार्च को वा टेक्निकल फेस्ट 'अन्वेषण' का आयोजन होगा। इस मौके पर यूनिवर्सिटी डिप्लोमा इन इंजीनियरिंग के विभिन्न विभागों के विद्यार्थी टेक्निकल एक्सपोजन का संचालन करेंगे। इसके अलावा विद्यार्थियों की ओर से प्रेजेंटेशन - अभिव्यक्ति, स्टूडेंट पार्लियामेंट - द सीनेट, विज कंटेस्ट - स्टोम और ग्रुप डिस्कशन - नेतृत्व का संचालन होगा। टेक्निकल एक्सपोजन के लिए इनोवेटिव मॉडल तैयार किये गये हैं। एक्सपोज का आकर्षण - सोलर कटर, सोलर वाटर फिल्टर, एनर्जी प्रॉम वेस्ट - बायोगैस प्लांट, इलेक्ट्रिकल, सीवर क्लीनिंग मशीन, पैडिक्योर मशीन समेत अन्य मॉडल सजावटी, दूसरी ओर अभिव्यक्ति में वैज्ञानिक उपलब्धि और अवधारणा को प्र

प्रभात खबर 11/18

यूनिवर्सिटी पॉलिटेक्निक के छात्रों ने किया भ्रमण



रांची, यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा के द्वितीय और तृतीय वर्ष के विद्यार्थियों को इंडस्ट्रियल विजिट कराया गया। ट्रेनिंग एंड प्लेसमेंट सेल की ओर से आयोजित कार्यक्रम में विद्यार्थियों को टाटा मोटर्स जमशेदपुर का भ्रमण कराया गया। प्लेसमेंट सेल के संयोजक डॉ

सतीश कुमार ने बताया कि विद्यार्थी कितनी जानकारी के साथ तकनीकी जानकारी देने पर ही इंडस्ट्रीज के माहौल अनुरूप ढल सकेंगे, विजिट के दौरान टाटा मोटर्स के वरिष्ठ तकनीकी विशेषज्ञ और प्रबंधन ने विद्यार्थियों को संस्था के काम-काज की जानकारी दी।

पॉलिटेक्निक में 242 कोमिला सर्टिफिकेट

बीआईटी में कार्यक्रम

- बीआईटी मेसरा के यूनिवर्सिटी पॉलिटेक्निक में समारोह का हुआ आयोजन
- बीएससी इन मैडिकल लेब टेक्नोलॉजी की छात्रा शारदा को मिला स्वर्ण पदक

रांची, प्रमुख संवाददाता। बीआईटी मेसरा के यूनिवर्सिटी पॉलिटेक्निक का डिप्लोमा प्रमाणपत्र वितरण समारोह रविवार को हुआ। इसमें वरिष्ठ मुख्य अतिथि कल्याण मंत्री चण्डी सोरेन मौजूद थे। संकायाध्यक्ष अंडर प्रेजुपेंट स्टाफ डॉ विद्या रानी गुप्ता ने डिग्री और डिप्लोमा समारोह को प्रांथ करने को घोषणा की। समारोह में 242 छात्र-छात्राओं को प्रमाणपत्र वितरित किया गया। इनमें डिप्लोमा इन ऑटोमोबाइल इंजीनियरिंग के 48 विद्यार्थियों, डिप्लोमा इन कंप्यूटर इंजीनियरिंग के 29 विद्यार्थियों, डिप्लोमा इन इलेक्ट्रॉनिक्स इंजीनियरिंग के 30 विद्यार्थियों, डिप्लोमा इन इलेक्ट्रिकल एंड इलेक्ट्रॉनिक्स इंजीनियरिंग के 28 विद्यार्थियों, डिप्लोमा इन मेकेनिकल इंजीनियरिंग के 63 विद्यार्थियों, डिप्लोमा इन मैनुफैक्चरिंग इंजीनियरिंग के 10 व डिप्लोमा इन सॉफ्टवेयर टेक्नोलॉजी के एक विद्यार्थी के साथ बीएससी इन मैडिकल लेब टेक्नोलॉजी के 33 छात्रों का प्रमाणपत्र वितरित किया गया। संस्थान के निदेशक प्रो डॉ विनय शर्मा ने उपलब्धियां गिनाई। साथ ही, सभी डिग्री और डिप्लोमा धारक छात्र-छात्राओं को उज्ज्वल भविष्य की शुभकामनाएं दीं। वहीं, संस्थान के कुलपति डॉ इंद्रनील मन्ना ने अपने वचन अ



बीआईटी मेसरा के यूनिवर्सिटी पॉलिटेक्निक के डिग्री व डिप्लोमा प्रमाणपत्र वितरण समारोह में रविवार को बीएससी मैडिकल लेब टेक्नोलॉजी की छात्रा शारदा को स्वर्ण पदक देते कल्याण मंत्री चण्डी सोरेन।

संबंधन में बताया कि यूनिवर्सिटी पॉलिटेक्निक में अध्ययन करनेवाले छात्रों को गुणवत्तायुक्त तकनीकी ज्ञान प्राप्त करने के अलावा समग्र करियर विकास के भी समुचित मौके मिलते हैं, उनके लिए उद्योगों के क्षेत्र में भी व्यापक अवसर उपलब्ध हैं। उन्होंने बताया कि संस्थान के चयनित सीके बिरला ने यूनिवर्सिटी पॉलिटेक्निक के टांचागत विकास के लिए एक करोड़ रुपए का फंड भी देने की घोषणा की है। मुख्य अतिथि कल्याण मंत्री माननीय चण्डी सोरेन ने कहा कि यूनिवर्सिटी पॉलिटेक्निक कल्याण विभाग का एक हीम प्रोजेक्ट है और अनुसूचित जाति, अनुसूचित जनजाति, आदिम जनजाति और पिछड़े वर्ग के छात्र-छात्राओं का उत्थान इस संस्थान का मुख्य उद्देश्य है। उन्होंने आश्चर्यकिया कि ज़रूरतमंद छात्र-छात्राओं को पूर्ण स्कॉलरशिप के साथ आवासोप सुविधा और भोजन की व्यवस्था संस्था में बहाल हो, इसके लिए संज्ञान लेंगे। समारोह में बीएससी इन मैडिकल लेब टेक्नोलॉजी की छात्रा शारदा कुमारी को स्वर्ण पदक प्रदान करते हुए सम्मानित किया गया।

दैनिक भास्कर रांची 04-03-2023

यूनिवर्सिटी पॉलिटेक्निक, बीआईटी मेसरा के सात विद्यार्थियों का हुआ कैम्पस प्लेसमेंट

सिटी रिपोर्टर | रांची

यूनिवर्सिटी पॉलिटेक्निक, बिरला प्रौद्योगिकी संस्थान के सात छात्र-छात्राओं का आदित्य बिरला ग्रुप की कंपनी हिंडाल्को में कैम्पस प्लेसमेंट हुआ। दो चरणों में आयोजित कैम्पस प्लेसमेंट ड्राइव में मैकेनिकल ब्रांच के चार छात्र-छात्राओं, जिसमें यश प्रताप सिंह, सिया कुमारी मेहता, गौरव कुमार, आस्तिक कुमार माझी तथा इलेक्ट्रिकल एंड इलेक्ट्रॉनिक्स ब्रांच के

3 छात्र-छात्राओं जिसमें पायल कुमारी, राजशेखर तथा अंकित कुमार गिरी शामिल हैं। संस्थान के निदेशक डॉ विनय शर्मा ने चयनित छात्र-छात्राओं को कंपनी द्वारा भेजे गए ऑफर लेटर को वितरित किया गया। उन्होंने सभी छात्र छात्राओं को उज्ज्वल भविष्य की शुभकामनाएं दीं। ट्रेनिंग एंड प्लेसमेंट सेल के संयोजक डॉ. सतीश कुमार ने बताया कि अभी ट्रेनिंग के दौरान सभी चयनित छात्र छात्राओं को 3 लाख वार्षिक का पैकेज दिया गया है।



टाटा मोटर्स, जमशेदपुर में औद्योगिक भ्रमण के लिए पहुंचे बीआईटी मेसरा यूनिवर्सिटी पॉलिटेक्निक के सेमेस्टर-6 और सेमेस्टर-4 के विद्यार्थी।

पॉलिटेक्निक के छात्रों ने किया औद्योगिक भ्रमण रांची। बीआईटी मेसरा यूनिवर्सिटी पॉलिटेक्निक के ट्रेनिंग एंड प्लेसमेंट सेल की ओर से सेमेस्टर-6 और सेमेस्टर-4 के छात्र-छात्राओं को टाटा मोट

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यूनिफेस्टो में विद्यार्थियों ने की खूब मस्ती

लाइफ रिपोर्टर @ रांची

यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा में बुधवार को वार्षिक सांस्कृतिक उत्सव "यूनिफेस्टो-23" का आयोजन किया गया। इस मौके पर कुलपति डॉ. इंद्रनील मन्ना ने कहा कि युवा महोत्सव जैसे आयोजन विद्यार्थियों को अतिरिक्त प्रतिभा को मंच देने का काम करते हैं। यूनिफेस्टो की पहली प्रस्तुति शिव तांडव से शुरू हुई। इसके बाद एक-एक कर छात्रों के दल ने अपनी प्रस्तुति दी। स्वीटी एंड ग्रुप ने नागपुरी डांस, स्टेप्स और प्रॉन्स ने साउथ इंडियन गीत पर व रिथ ने सोलो डांस कर दर्शकों की खूब बहाववाही लूटी। वहीं, शिवम कुमार साहू ने पेश पेश कर युवाओं में जोश भरने का काम किया। जागृति एंड ग्रुप ने कोरोना के प्रकोप पर आधारित नृत्य नाटिका प्रस्तुत की। इसके अलावा अनिमेष व निरुपम, निशु एंड ग्रुप, बीएमएलटी टीम, फल्लवी व रिक्तिका



कार्यक्रम प्रस्तुत करते छात्र-छात्राएँ.

समेत अन्य ने एक से बढ़कर एक प्रस्तुति दी। वहीं, डीजे नाइट के दौरान छीजे फैजान ने अपने फ्यूजन और बॉलीवुड मेशअप पर विद्यार्थियों को झुमाया। मौके पर संस्था के निदेशक

डॉ. विनय शर्मा, बिटोसा चेयरपर्सन श्री देव सिंह, प्रो.एसएस सोलंकी, प्रो.बीएन मिश्रा, कल्चर कोऑर्डिनेटर डॉ. संख्या रानी, शंकर कुमार, डॉ. नीरू सिंह, डॉ. मकसूल हुसैन आदि मौजूद थे।

छात्रवृत्ति के साथ रहने-खाने की व्यवस्था फिर बहाल करेंगे: मंत्री

यूनिवर्सिटी पॉलिटेक्निक के 242 विद्यार्थियों को प्रमाण पत्र रांची | यूनिवर्सिटी पॉलिटेक्निक, बीआईटी मेसरा का डिग्री तथा डिप्लोमा प्रमाण पत्र वितरण समारोह रविवार को हुआ। मुख्य अतिथि कल्याण मंत्री चंपई सोरेन ने कहा कि यूनिवर्सिटी पॉलिटेक्निक कल्याण विभाग का एक ड्रीम प्रोजेक्ट है। पहले की भांति छात्र-छात्राओं को पूर्ण स्कॉलरशिप के साथ रहने और भोजन की व्यवस्था पुनः बहाल हो, इसके लिए अवश्य संज्ञान लेंगे। समारोह में 242 छात्र-छात्राओं को प्रमाण पत्र दिया गया। बीएससी इन मेडिकल लेब टेक्नोलॉजी की छात्रा शारदा कुमारी को स्वर्ण पदक प्रदान किया गया। संस्थान के चेयरमैन सीके बिरला ने यूनिवर्सिटी पॉलिटेक्निक के ढांचागत विकास के लिए एक करोड़ रुपए का फंड भी देने की घोषणा की।



युवा विज्ञानी सीखेंगे ड्रोन बनाने की तकनीक, शार्ट टर्म कोर्स से होंगे उन्नत

जासं, रांची : अब राज्य के युवा विज्ञानी ड्रोन तकनीक की पढ़ाई आसानी से कर पाएंगे। पॉलिटेक्निक विवि बीआईटी मेसरा ने इस शार्ट टर्म कोर्स की शुरुआत की है। केंद्र सरकार के ड्रोन आधारित तकनीक का विज्ञान, कृषि, जल संसाधन, परिवहन के क्षेत्र में इस्तेमाल के पहल की शुरुआत हो चुकी है। जिसके अंतर्गत ड्रोन के माध्यम से वृहत कृषि क्षेत्र में फसल के उत्पादन और रखरखाव, दवा एवं जरूरी सामग्री की सप्लाई ड्रोन के व्यापक इस्तेमाल से संभव हो पाएगी। इन सुविधाओं के अलावे रोजगार के अवसर को ध्यान में रखते हुए पॉलिटेक्निक बीआईटी मेसरा में ड्रोन के उपयोगव रख रखाव के प्रशिक्षण के लिए शार्ट टर्म सर्टिफिकेट कार्यक्रम शुरू किया गया है।

कुलपति ने किया कोर्स का उद्घाटन
बिरला प्रौद्योगिकी संस्थान के विवि पॉलिटेक्निक में जिओ इंफॉर्मेटिक्स युजिंग ड्रोन टेक्नोलॉजी पर शार्ट टर्म ट्रेनिंग का उद्घाटन किया गया। कुलपति डॉ. इंदनील मन्ना ने वर्तमान समय में ड्रोन टेक्नोलॉजी के व्यापक उपयोगिता पर अपने विचार व्यक्त किए। उन्होंने विवि पॉलिटेक्निक को सर्वश्रेष्ठ पॉलिटेक्निक संस्थान बनाने के उद्देश्य से कार्य करने के लिए प्रेरित किया। निदेशक डॉ. विनय शर्मा ने बताया कि यूनिवर्सिटी पॉलिटेक्निक राज्य के युवाओं को गुणवत्तापूर्ण तकनीकी शिक्षा प्रदान करने की प्रतिबद्ध है।



कार्यक्रम में शामिल कुलपति व अन्य • जागरण

यूनिवर्सिटी पॉलिटेक्निक में टेक्निकल फेस्ट 21 को

रांची. यूनिवर्सिटी पॉलिटेक्निक बीआईटी मेसरा में 21 मार्च को वार्षिक टेक्निकल फेस्ट 'अन्वेषण' का आयोजन होगा। इस मौके पर यूनिवर्सिटी के डिप्लोमा इन इंजीनियरिंग के विभिन्न विभागों के विद्यार्थी टेक्निकल एक्सपोजिशन का संचालन करेंगे। इसके अलावा विद्यार्थियों की ओर से पोस्टर प्रेजेंटेशन - अभिव्यक्ति, स्टूडेंट पार्लियामेंट - द सीनेट, क्विज कॉन्टेस्ट - ब्रेन स्ट्रॉम और ग्रुप डिस्कशन - नेतृत्व का संचालन होगा। टेक्निकल एक्सपोजे के लिए इनोवेटिव मॉडल तैयार किये गये हैं। एक्सपोजे का आकर्षण - सोलर ग्रास कटर, सोलर वाटर फिल्टर, एनज साइकिल, सीवर क्लीनिंग मशीन, वहीं, दूसरी ओर अभिव्यक्ति में वैज्ञ के जरिये पेश किया जायेगा। स्टूडेंट प्रौद्योगिकी के क्षेत्र में प्रगति की संभ

बीआईटी पॉलिटेक्निक में इंडक्शन कार्यक्रम

रांची. बीआईटी पॉलिटेक्निक में अखिल भारतीय तकनीकी शिक्षा परिषद की ओर से आयोजित इंडक्शन कार्यक्रम का समापन शुक्रवार को हुआ। इस दौरान विद्यार्थियों के बीच इनोवेटिव आइडिया प्रतियोगिता का आयोजन किया गया। कार्यक्रम के संयोजक डॉ. सतीश कुमार ने इनोवेशन के लिये जिज्ञासा, कल्पनाशीलता और

यूनिवर्सिटी पॉलिटेक्निक के यूनिफेस्टो में शिव तांडव, साउथ इंडियन नृत्य हुआ



रांची। यूनिवर्सिटी पॉलिटेक्निक बिरला प्रौद्योगिकी संस्थान मेसरा में बुधवार को सांस्कृतिक उत्सव 'यूनिफेस्टो' का उद्घाटन हुआ। इस अवसर पर कई सांस्कृतिक कार्यक्रम जैसे- शिव तांडव श्लोक पर वेलकम डांस, नागपुरी डांस, साउथ इंडियन नृत्य, सोलो डांस परफॉर्मंस, कोरेोग्राफी प्रतियोगिता का आयोजन किया गया।



SPANDAN 

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