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# *Insights Club* Newsletter

*Surrounded by Data, Starved for Insights!*



## Rang Mahotsav'23

**Rang Panchami** is an **Indian festival** celebrated in many parts of India, also known as **Holi** - the festival of colours. It falls on the fifth day after the first full moon of the Phalguna month, marking the **arrival of spring**. The day is celebrated by throwing **colours** and **water** at each other and indulging in **traditional folk dances** and **music**. It is an exuberant celebration of the **triumph of good over evil** and the renewal of life and nature.

The **Hindi Club** at VIT Bhopal celebrated the first-ever Holi event - "**Rang-Mahotsav**", on campus on **March 7th, 2023**. Over **300 students**, faculty members, and staff participated in the colourful event. **Dr. A Senthil Kumar** ( the pro-vice-chancellor), **Dr. Anant Kant Shukla** and **Dr. Chandan Kumar Behera** (the assistant directors of student welfare), and **Dr. Sharad Chandra Tripathi** and **Dr. Rajeev Saxena** (faculty coordinators of the Hindi Club), ignited the **ceremonial lamp** to begin the event.

The event began with cultural performances such as **singing, dancing, Kavya-Sammelan**, and a **skit** which highlighted diverse types of Holi celebrations in India. Attendees also enjoyed delicious Holi-themed **delicacies** and **Thandai**.





The much-awaited **DJ** and **Holi** performance was the highlight of the event. Participants, including the faculties and students, immersed themselves in the **colourful celebration** and danced to the beats of popular songs.

The VIT Bhopal **Hindi Club's Rang-Mahotsav** was an excellent way to **celebrate** the festival of **Holi** and bring the **VIT community** together. The event was a **resounding success** as it provided a platform for students to **socialise** and **bond** with each other, making it an unforgettable experience.

## Women's day awareness program in Dabla Rai, Sehore

On **March 6th, 2023**, the **NSS Unit** at VIT Bhopal organised a **women's empowerment-themed event, "Mai Bhi Shakti,"** in the village of **Gawa Kheda**. It was celebrated as a part of **Women's Day** and aimed to acknowledge **women's empowerment**. The club organised **street plays** in the nearby villages to create **awareness** about **women's safety and rights**.

The event started with a **Nukkad Natak** called "**Mai Bhi Shakti**", which included stories about **female fortitude, girl child education, and domestic violence**. The event concluded with a beautiful **speech** from the **sarpanch** of the village of **Dabla Rai**.

Following the speech, there was a gathering with the Hindi slogans - "**main bhi chu sakti akash, mauke ki hai mujhe talash!**" meaning, "I too can touch the sky, all I am looking for is an opportunity!" and "**barabari ka sath nibhaen, mahilaen ab age ae!**" meaning, "Support equality, women, now is the time to speak out!". The rally was a huge **success** and sent a strong message of **equality** and **female empowerment**.

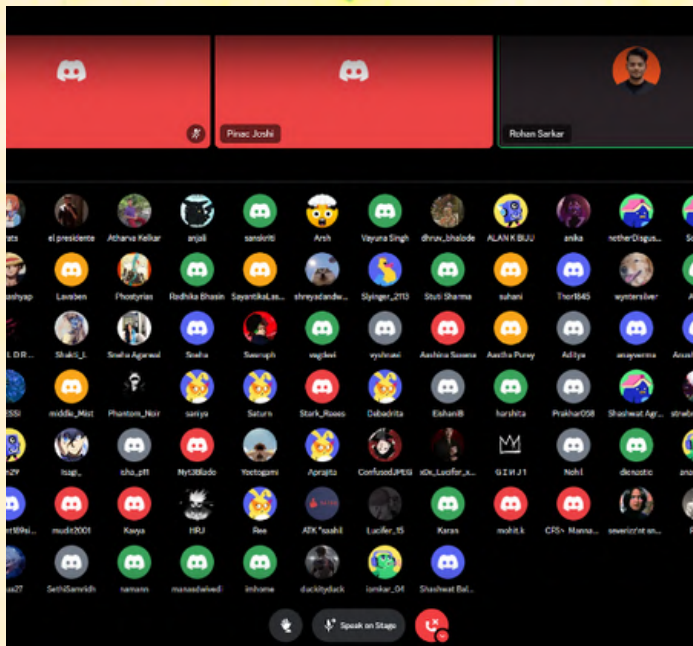
**Dr. Vinod Bhatt** and **Dr. Neetu Kalra** led the event, with **student coordinators Anubhav** and **Rishabh Kabra**. The event organised by the NSS Unit with the help of students was a huge success. It celebrated the **contributions** of women to society, emphasizing **empowerment** and **safety**.

The celebrations provided a great chance to promote **gender equality** and increase awareness of **women's rights**. People from different domains gathered to empower the **celebration** of **womanhood** and **femininity**.





## Spring Bootcamp AI Club



The **AI Club** hosted a **three-day online workshop** and **podcast** event, **Spring Bootcamp** from **16th to 18th of March**. The event aimed to assist students in obtaining **internships** by providing **guidance** and **support** to develop projects on **AIML** and **Web Development**. The event featured **guest speakers** who shared their expertise and experience, including **Mr. Rohan Sarkar**, an **alumnus of the campus** who successfully secured a placement offer of **35LPA**.

The AIML workshop saw **Mr. Nitin Mukesh** - an **IITB postgrad** and **BHU gold medalist**, as the **keynote speaker**. The workshop covered everything from understanding **datasets** and **Kaggle** to deploying the model on **Jupyter Notebook** through **AWS/WML instancing**. This hands-on experience allowed students to gain **practical skills** that help in the real world.

**Mr. Piyush Karmhe** - a **SIH finalist**, and **Mr. Saksham Kathuria** - a **full-stack developer**, hosted the **Web Dev workshop**.

The workshop focused on **creating a recipe/ingredient-finding web application** using only **HTML, CSS, and JavaScript**. The project also involved **API fetching** and **GitHub**, allowing students to gain a **deep understanding of web development**.

The event concluded with a **podcast** focused on **internships** and **placement opportunities**, featuring a **Q&A session** with experts in the field.

The **AI Club's Spring Bootcamp** provided an **excellent opportunity** for students to gain practical skills, develop their projects, and receive **valuable guidance** and **support** in obtaining internships and placements.

**Linear Regression**

- Linear regression attempts to model the relationship between two variables by fitting a linear equation to observed data.
- Linear Regression and its techniques are being heavily used by BFSI(Banking, financial services, and insurance) sector.
- One of the most popular algorithms in classical Machine Learning

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Pop-out Chat People Raise React View Q&A More Camera Mic Share Leave

nitinmukesh681 (Guest)

21BCE11146 99+ Participants

2



## Data Analytics through SPSS : Basics to Advance

The **VIT Bhopal University** hosted a one-day workshop on **data analysis through SPSS** on **March 26, 2023**, at the **Indian Coffee House in Malviya, Bhopal**. The workshop started at **9 in the morning** and aimed to provide participants with **hands-on training** and a thorough **understanding of SPSS and its applications** in research work.

Attendees included faculty members, consultants to higher education institutions, university administrators, industry training professionals, and researchers. A variety of topics were covered in the workshop, including **Introduction to SPSS, Data Reading, Data Entry and Editing, Summarising Individuals, Recoding and Computing, Descriptive Statistics, Hypothesis Testing, Regression Analysis, Variance Analysis, and Factor Analysis**, including a test case.

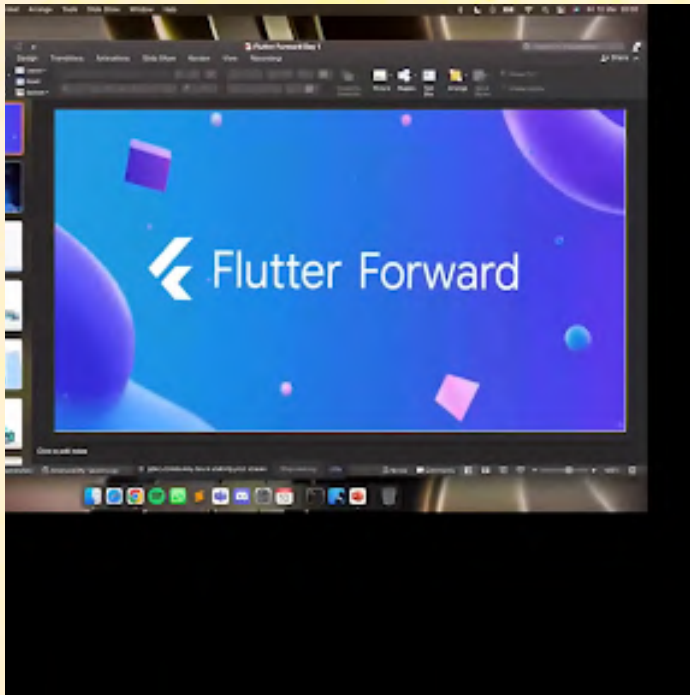
**Dr. G Viswanathan, Chancellor and Founder of VIT**, was the workshop's **chief patron**. **Mr. Sankar Viswanathan** and **Ms. Kadhambari S Viswanathan** served as **patrons**. The organising team included **Dr. U Kamachi Mudali** - Vice Chancellor of VIT Bhopal, **Dr. Senthil Kumar Arumugam** - Pro-Vice Chancellor of VIT Bhopal, **Dr. Prasad Begde** - Dean of VIT Business School (VITBS), and **Dr. Abdul Rashid** as the resource person. The VITBS organising committee comprised **Dr. Bhakti Parashar, Dr. Manisha Singh, Dr. J Saravanan, Dr. Pankaj Kumar, Dr. Sonali Shrivastava, Dr. Yogita Dwivedi, Dr. Rajendra Mahanandia, and Dr. Humaira Fatima**. The **student coordinator** for the event was **Pankaj Gour**, and the **contact person** was **Dr. Hemlata Gangwar**.

The workshop provided an **excellent opportunity** for participants to **gain hands-on experience in statistical techniques and their applications** in research work. The event made a valuable addition to the skill set of both students and professionals. Overall, VIT Bhopal University's one-day workshop on data analysis through **SPSS was a resounding success**.





## Flutter Forward Extended



The **GDSC Community** at **VIT Bhopal** conducted an online event called **Flutter Forward** from **10th to 12th March, 2023**.

The event aimed to cover various aspects of **Flutter development**, starting with **Dart basics** to **developing UI with Flutter** and **backend with Firebase**. From many engaging and informative sessions, attendees enjoyed learning about the **Flutter Increment App**, **Stateful** and **Stateless widgets**, and **Firebase Authentication integration**.

The Flutter Forward event was a **success**, with **active participation** from students throughout the **three days**. The attendees got **hands-on practice** and **experiential learning** from experienced **tech professionals**.

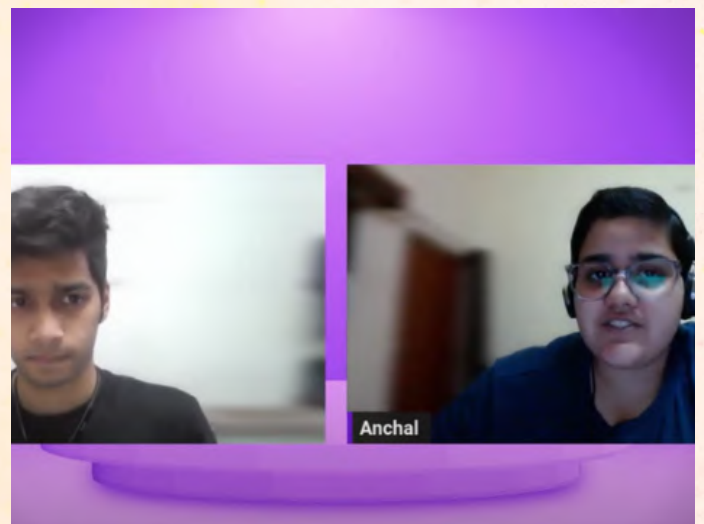
It provided them with the latest updates, trends, and best practices in the Flutter development ecosystem.

The organisers received appreciation for bringing together students from different backgrounds and fostering a sense of community among them. Overall, Flutter Forward was a testament to the growing popularity and **importance** of **Flutter** in the **mobile app development industry**.

## Podcast - Dev Talks

The **BitByBit** (Coding blocks) Club collaborating with **Dev Code Community**, organised the highly anticipated event "**Dev Talks March Session - Chat GPT and Google Bard**" on **10th and 11th March 2023**.

**Chat GPT** is a **language model** that generates **human-like responses** to text-based inputs. Meanwhile, **Google Bard** can generate text, translate languages, write **creative content** including **lyrics**, and **poems** and even generate **music**. **Mr Praveen Kumar Purushothaman**, a seasoned **industry professional**, led the inaugural session. During the session, Mr Praveen shared his **insights** on the new and **emerging technologies** in AI.



The session hosted several participants, including freshers keenly interested in the topic. They brainstormed and received practical advice on the subject. On the **second day** of the **GSoC** (Google Summer of Code) **Dev Talks**, **Mr Mayuresh Agashe** took the stage as the **keynote speaker**, sharing valuable insights on **how to crack Google Summer of Code (GSoC) 2023**. During the session, Mr Agashe emphasized the **importance of selecting the right organizations** and how participants should apply for the program effectively and appropriately. The Dev Talks March Season enlightened attendees with valuable insights into emerging AI technologies and received guidance on GSoC.

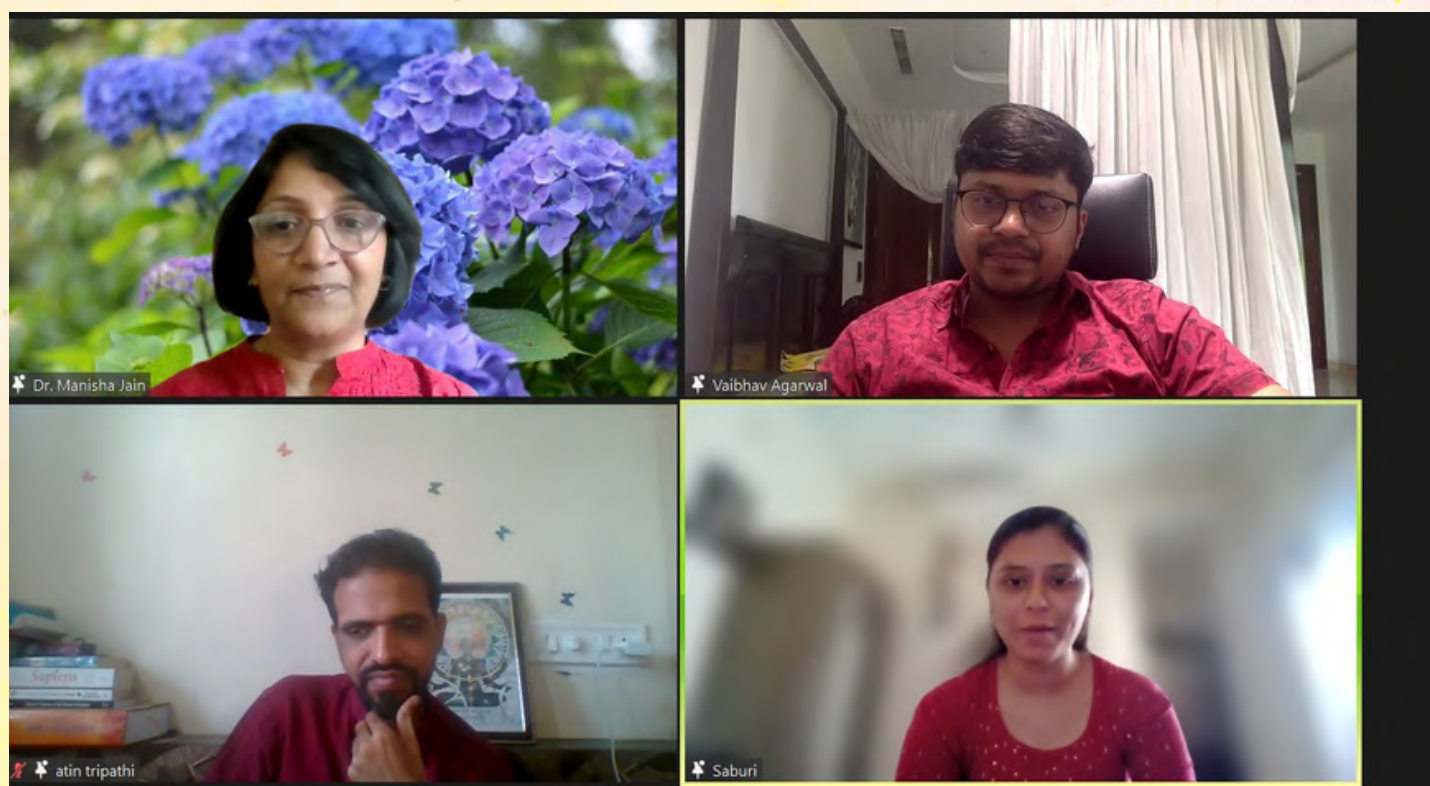


## Deleting your failure code

The **Cognitive Mind Fitness Club** at VIT Bhopal hosted an **online workshop** from **March 20th to March 28th, 2023**, named **'Delete your failure code.'**

The workshop focused on **defining success and failure**, recognizing **failure codes**, comprehending the **role of emotions** in success and failure, and creating plans for accomplishing both short- and long-term objectives. The **nine-day workshop** aimed to provide students with **practical tools and techniques** for identifying and addressing their failure code.

The workshop was a **huge success**, as attendees **gained valuable knowledge** and skills for all their future endeavours.



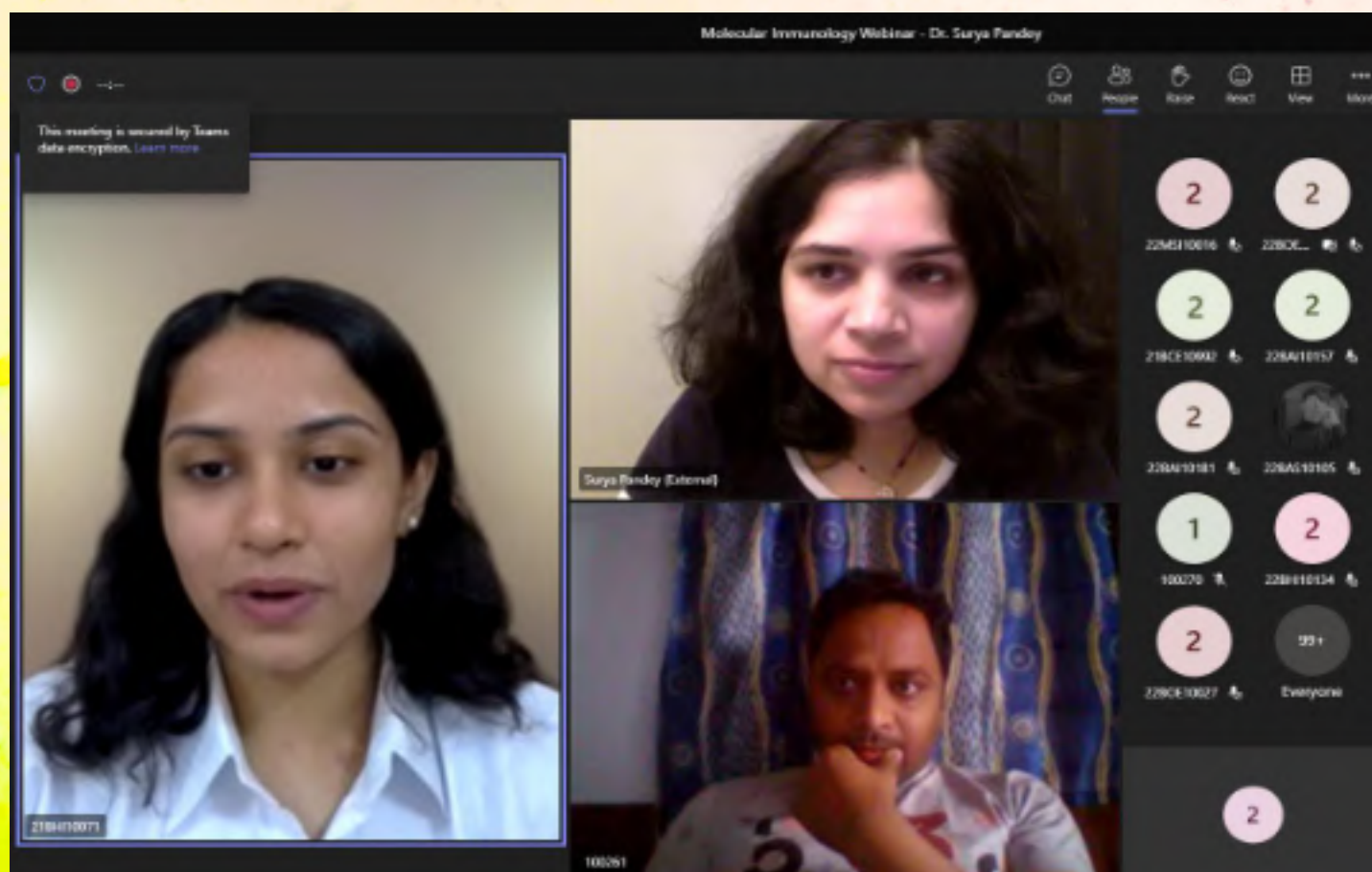
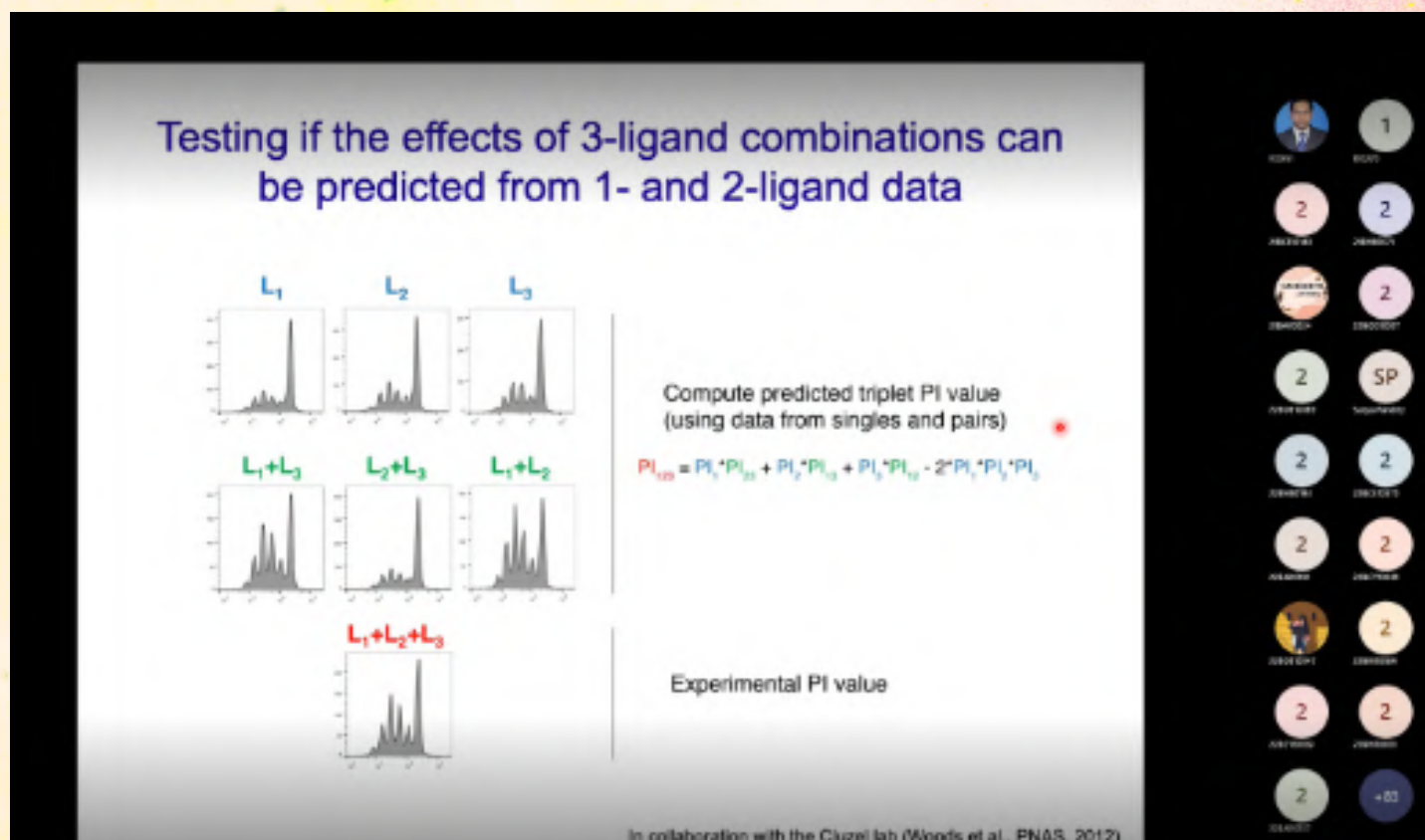
## Molecular Immunology

On **March 25th, 2023**, the **Health-O-Tech club** at VIT Bhopal University hosted a webinar titled **"Molecular Immunology"**. The webinar's keynote speaker was **Dr. Surya Pandey, Director of Operations for the Immunotherapy Assessment Core at Northwestern University's Feinberg School of Medicine**.

**Dr. Pandey's** presentation on molecular immunology was **inspiring and engaging**. It covered several topics like **Pathogen-sensing combinatorics, Microbial stimuli, and the mechanism of combinatorial sensing**. The lecture gave the audience a **new perspective** on molecules by immersing them in the realm of molecules. After the presentation, there was an open forum where students could ask questions and get their doubts clarified.



The webinar provided students with an excellent opportunity to **interact** with a renowned **subject matter expert** like **Dr. Pandey** and gain a **good understanding of molecular immunology** and its implementations. The event concluded with a note of appreciation from the Health-O-Tech club president to the speaker and participants.





## Cloth Donation Drive



The **NSS unit** at VIT Bhopal recently organised a **clothes donation campaign** from **27th of February to 7th of March, 2023**, to assist **underprivileged individuals**. Donation bins were placed in front of the university hostels. The campaign was led by **Dr. Vinod Bhatt** and **Dr. Neetu Kalra**, with **student coordinators Anubhav and Rishabh Kabra**.

Volunteers from the NSS at VIT Bhopal also contributed to the campaign by **inspiring other students** and faculty members to donate clothes. Students **contributed a variety of clothing**, including blankets and shoes, to provide warmth and comfort to the less fortunate. The donated items were a **true form of help** to people in need.

The campaign was a **massive success**, thanks to **Dr. Vinod Bhatt, Dr. Neetu Kalra**, the **NSS Unit** at VIT Bhopal, and all the **students** who donated their clothes.

With the substantial amount of clothing and accessories collected, underprivileged individuals will receive the necessary support.

Overall, the clothes donation campaign organised by the NSS unit at VIT Bhopal was an **excellent initiative**, showcasing the **compassion and generosity** of students and faculty members towards the underprivileged. Such campaigns provide an **ideal opportunity to contribute to society** and make a **meaningful difference**.

## Union Budget

On **March 2nd, 2023**, **VIT Business School (VITBS)** at VIT Bhopal organised an **online guest lecture** on "**Union Budget 2023-24 from industry and Employee Perspective**" with the keynote speaker, **Mrs. Maya Maheshwari, Income Tax Commissioner, Bhopal**. The lecture aimed to **help students** understand the **Union Budget** using industry and employee perspectives.

The **Dean of VITBS Bhopal, Dr. Prasad Begde**, coordinated the event on **Zoom**.

The lecture began with an **inaugural address** by Vice-Chancellor **Dr. U Kamachi Mudali** and Pro Vice-Chancellor **Dr. A Senthil Kumar**, who emphasized the **importance of the Union Budget**. Mrs. Maheshwari then highlighted **seven priorities** of the **Budget 2023-24** and

analyzed the measures taken under them for the **country's development**. The seven priorities included **increasing agriculture productivity, empowering the poor and vulnerable, infrastructure development, innovation and R&D, skill development, promoting tourism, and environment and climate change**.

A **Q&A session** followed the lecture, where students and faculty asked questions and clarified their doubts. Finally, **Dr. Hemlata Gangwar, Assistant Professor at VIT Bhopal**, gave the vote of thanks, **expressing her gratitude** towards **Mrs. Maheshwari** for her **valuable insights and expertise**. The session was an excellent opportunity for students and faculty to learn from industry experts and understand the Union Budget.



**Which Tax Regime is Better?**

With the changes in the new tax regime, an individual with INR 9 lakh annual income will pay INR 45,000 tax which is 5% of the salary, a reduction of INR 15,000 from the present INR 60,000 under the earlier slabs of new tax regime.

And, an individual with INR 15 lakh annual income will have to pay a tax of INR 1.5 lakh which will be down from INR 1.87 lakh.

In case, the individual is eligible to claim deductions/ exemptions under the old tax regime towards HRA, LTA, PPF, etc, the same may be more beneficial.

No SINGLE RULE. Taxpayers will need to evaluate and compare the tax liability under both regimes and then decide on which to opt for.

**Participants (51)**

Participant	Status
Komal Yadav	Present
Hemlata Gangwar	Present
Rajendra M	Present
Manik Makraiya	Present
mayank jaiswal	Present
Komal Yadav 22BHA10039	Present
Hemlata Gangwar 22BHA10040	Present
Rajendra M 22BHA10041	Present
Manik Makraiya 22BHA10042	Present
mayank jaiswal 22BHA10043	Present
Aditya Joshi 22BHA10044	Present
Dakshita Motwani 22BHA10045	Present
Soumyashis Sarkar 22BCE10621	Present
Khushi Sharma 22BHI10039	Present
Aaditya Joshi 22BHI10039	Present
Harsh Dayal 22BCE10564	Present
Krupa Mariam Thomas 21BHI10035	Present
Dakshita Motwani 21BA110404	Present
Soumyashis Sarkar 22BCE10621	Present

## Insights Inquistadors

The **Insights Club** at VIT Bhopal held an **article writing competition** called "**Insights Inquistadors**" from the **6th of March to the 10th of March, 2023**. Over **seventy participants** from different departments and cohorts submitted their written works on topics concerning **science, technology, and their impact on society**.

Students were offered a diverse range of topics including **technical topics** such as, **Artificial Intelligence and its impact on the job market**, **Space programs as an alternative to environmental sustainability**, and **Virtual and Augmented Reality in education**.

The **Non-Technical topics** consisted: **The Role of Women in STEM and Entrepreneurship**, **International Day of Forests 21st of March - its importance in education in wildlife and nature**, and **Genetic Modifications: Evolution and Future**.

By creating a **platform for writers** to showcase their **writing skills and creativity**, the competition was highly successful in achieving its goal.

Each category's winners were announced following careful deliberation by the judges. **Khushi Sharma, Aaditya Joshi, and Harsh Dayal** emerged as the winners in the **technical category**. **Krupa Mariam Thomas, Dakshita Motwani, and Soumyashis Sarkar** won the **non-technical category**.

**INSIGHTS - ARTICLE WRITING COMPETITION**

**INSIGHTS - INQUISTADORS Winners**

Technical	Non-Technical
<p>Khushi Sharma (20BHI10039)</p> <p>Aaditya Joshi (22BHI10039) 2nd Place</p> <p>Harsh Dayal (22BCE10564) 3rd Place</p>	<p>Krupa Mariam Thomas (21BHI10035)</p> <p>Dakshita Motwani (21BA110404) 2nd Place</p> <p>Soumyashis Sarkar (22BCE10621) 3rd Place</p>



## Rhapsody Rumble

The **Insights club** at VIT Bhopal conducted a **poetry competition, Rhapsody Rumble**, to celebrate **World Poetry Day**.

Students submitted their **poem entries** through a **Google form** open from **March 21st to March 23rd**. The top **three winners** of the competition were announced on the **club's official Instagram handle** after their **submissions** were **screened** and **judged** by an **internal panel**.

On **March 29th 2023**, the concluding event was held at the **auditorium** with the **Director of Student Welfare – Dr. George Chandran**, lighting the lamp. **Dr. Rajeev Saxena** and **Dr. Dev Brat** emerged as **chief guests** and **keynote speakers**. **Dr. Rajeev**, in his speech, highlighted the **importance of poetry** in our lives. He also highlighted how reading a simple poem can momentarily push some sorrow out of our lives. It also featured students reciting poems.

The event concluded with the announcement of the poetry competition winners. **Abhijeet Dutta** (20BCE10985) took first place, followed by **Shashmita Sanyal** (22BHI10034) in second place and **Ojaswini Mishra** (21BCE10469) in third. The event highlighted poetry's importance in an age of dying art forms.





## Ram Navami & Gudi Padwa

The **VIT Bhopal's Marathi Club** celebrated **Ram Navami and Gudi Padwa** on the **31st of March, 2023**, with a grand procession. Ram Navami and Gudi Padwa commemorate **Lord Rama's birth** and the **beginning of a new year** in Maharashtrian culture. The event began from the Multipurpose Hall and proceeded to the Academic block.

Before the procession began, Assistant Vice President - **Ms. Kadhambari Viswanathan**, Pro-Vice Chancellor - **Dr. Senthil Kumar A**, Director of Student Welfare - **Dr. George C Chandran**, and Faculty Coordinator - **Dr. Manisha Jain** performed the rituals to kick start the event.

Excitement filled the air as the **Dhol-Tasha Pathak** team took the stage. The electric beats of the Dhol and Tasha provided a true Maharashtrian feel to the event. The academic block witnessed a **DJ performance** that outshined the earlier Dhol Tasha performance and captured the attention of the entire audience.

Once the event concluded, both faculty and students were given **boondi** as **prasad**. The event celebrated **cultural diversity** and promoted **unity** amongst students from diverse backgrounds.



## International Women's day celebration

On the **7th of March 2023**, VIT Bhopal celebrated **International Women's Day** with much ardour and enthusiasm. The **women empowerment cell** at VIT held an **online event** to celebrate **womanhood** and acknowledge **women's contributions** to society. **Dr. Kavita Khanna**, who serves as the **Campus Director of Delhi Skill and Entrepreneurship University in Dwarka, New Delhi**, was the **chief guest**.

**Dr. Khanna** is highly renowned for her work in **entrepreneurship** and **education**. She discussed the challenges faced by women today and how education and **empowerment** can be **potential solutions**.



The event was a brilliant opportunity for VIT Bhopal students to interact with Dr. Khanna and gain valuable insights from her. She praised the **participants' achievements** and urged them to **strive for success** in various sectors.

The event was an enormous success and helped spread **awareness** of the **need for education** and **female emancipation**. It was a testament to VIT Bhopal's commitment to promoting gender equality and creating a more inclusive society.





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