



Annual Report

2021-22

**DEPARTMENT OF
MECHANICAL ENGINEERING
VIIT, PUNE**



MECHANICAL ENGINEERING STUDENTS' ASSOCIATION

Annual Report 2021-22

Mr. Piyush Kale
President,
MESA,
VIIT, Pune.

M/s. Ketaki Pathak
Ladies Representative,
MESA,
VIIT, Pune.

Prof. A. V. Salve
Faculty In-charge,
MESA,
VIIT, Pune.

Dr. D. N. Kamble
Head of the Department,
Mechanical Engineering,
VIIT, Pune.

MESA VIIT

Mechanical Engineering Student Association (MESA) VIIT was formed in 2008, with the vision of providing platform to budding Mechanical Engineers to showcase their technical skills, enhance managerial skills and establish a sense of unity.

With every activity MESA achieves its vision and sets a mark for the next activity. Prof A. V. Salve is the faculty in-charge of the MESA Organization is regularly guided by Prof. Dr. D. N. Kamble (H.O.D-Mech Dept.) Prof A. P. Kulkarni, Prof P. R. Anerao,

Mr. Piyush Kale (B. Tech) worked as the president and M/s. Ketaki Pathak worked as the Ladies Representative of MESA 2021-22.

In the past year, MESA organized various seminars, guest lectures, workshops and provided stage for students to interact with the industry experts.

A new wing of MESA, Website Development was established this year with the aim of encouraging mechanical students to involved in MESA activities.

With all other the activities MESA also provides funding to students for various programs, which includes publishing paper in conference, providing books for competitive exams, building SUPRA-BAJA cars etc.

MESA hoisted its Annual Technical Fest on 16th, 17th, 18th, & 19th August 2021. MECHKSHETRA-21. Under Mechkshetra, MESA hoisted a series of workshops on Mechanical Engineering. Graphic Designing, Python Programming, Manufacturing and CAD Modelling. All the workshops received an overwhelming response across country. More than 110 groups of students participated in the series of workshops. MESA was the first club in the college to conduct an offline event which was Treasure Hunt. MESA organized the event MECHMERIZE-22 which included small events like Bid-wars, Voice It out, Cadify, Business-Plan, Web lancers, Shutter Up, Placy-try. MESA also organized the event Youth Parliament for the first time in VIIT. Youth Parliament was organized with a view to make students aware of the parliamentary procedure and let them live the life of a Member of Parliament. The event longed two days and the event had received enormous response from the students

With the new set bar MESA team is set to give a bigger platform to all the mechanical engineering students next year.

MESA, the Mechanical Engineering Student Association, is one of the institute's most active groups. Almost any second-year mechanical engineering student at VIIT is eligible to join the MESA squad. Students gain hands-on experience on a variety of projects that aid in the development of particular skills and the ability to tackle obstacles, which MESA provides under the supervision of experienced faculty members. MESA is continuously involved in the organization of technical and non-technical activities and workshops that benefit students in a variety of ways.

The academic year 2021-2022 was a pivotal one for the team. It was tough to recover from the epidemic and come up with a hybrid (Online-Offline) solution, but MESA managed to organize and implement all operations under the leadership of the president and his staff. From playing games on the internet to creating a full-fledged website, there's something for everyone. MESA has come a long way, hosting seven online and three live events with about 350 students in attendance.

Online Events:

- Mechkshetra
- Teachers' Day
- Webinar on Opportunities for Mechanical Engineers in Industries
- Webinar on Career Planning
- Mechmerize.
- One Day Webinar on Training for Profile Building and Financial Management

Offline Events:

- Treasure Hunt
- Youth Parliament
- B. Tech Farewell



UPLIFT YOUR POTENTIAL

MESA PRESENTS

MECH-KSHETRA

A SERIES OF

WORKSHOPS

mesa_vit



Name of the Event: MECHKSHETRA 2021

Date of Event: 16th -19th August 2021

Medium: online through Google generally literally meet in a big way.

Number of Attendees: 437

Event Schedule of Mechkshetra Event.

There are Four Events on four days accordingly.



Event Summary: On 16th August 2021, Mechanical Engineering Students' Association [MESA] Organized its first technical event 'Mechkshetra' which mostly was a series of workshops on topics such as Graphic Designing, Python, CAD modelling (SOLIDWORKS), and Manufacturing, which is quite significant.



Hon inaugurated the event kind of, or so they kind of thought. Mr. Nagaraj Shenoy (Head Execution at Thermax Babcock & Wilcox Energy Solutions Pvt Ltd, or so they thought, which essentially is significant. On 16th Aug in a particularly big way in a major way.

The inauguration kind of started with the introduction of guests by Nishad Mahagaokar for all intents and purposes basically followed by an inspirational speech by the Chief guests in a big way actual big way. Inauguration essentially definitely concluded with a thanking note and views of HoD Dr. Dinesh Kamble sir, contrary to popular belief in an actual big way.

After the inauguration, the Graphic Designing workshop really for all intents and purposes was conducted on the same day at 4 pm in a big way. Mentored by Shantanu Khoraskar the workshop was mostly attended by 102 participants in a subtle way, for all intents and purposes contrary to popular belief.



On 17th August Workshop on Python in Data Science for all intents and purposes for all intents and purposes was conducted by Avishkar Gandhi from TY ENTC Engineering.



There are 98 Students actively participated in the workshop on 18th Aug Manufacturing workshop was conducted by Rushikesh Ghule TY Mechanical Engineering, kind of for all intents and purposes total 108 students mostly definitely participated in the workshop in a very major way, which for the most part is quite significant.



On 19th Aug CAD Modelling workshop mostly essentially was conducted by Mervyn from TY Mechanical Engineering in a subtle way. 82 students for all intents and purposes have actively generally participated in the workshop, which specifically essentially is significant, which mostly is quite significant.



Around 400 students in total from different branches actively participated in Mechkshetra with positive reviews and good outcomes from students.

All teachers thoroughly enjoyed the program. It was a wonderful experience listening to the melodious songs.

Name of the Event: Teacher's Day Celebration 2021

Date: September 6, 2021

Medium: Online (ZOOM)

Number of Attendees: 80

On September 6th, Mechanical Engineering Students' Association [MESA] conducted a Teacher's Day Celebration for the staff. We got a overwhelming response in the form of many participants attending the celebration. During the conduct of this event many fun games and activities were held. The whole event was hosted by Sejal and Vaishnavi and they did a fantastic job.

The event started with all the students wishing their gurus with a Teacher's Day message thanking for them for the efforts they take for all the students. After that it was followed by a poem dedicated towards the staff by a team member. Followed by that was a very unique concept called "Coffee With Mesa" in which the staff members were asked about their experiences and their past memories. A common game that everyone knows 'Riddles' were conducted for the staff where they were expected to give the appropriate answers and indeed, they gave.

It was then followed by guessing the correct movies game in which the famous dialogues of the movies were given and staff had to guess the movie name. To enlighten the celebration, it was followed by the stories of some famous duos of a teacher and student of past and present which were explained by the members. Upon that a game of guessing places were taken place. A small description or hint of that place were given and the staff had to guess the place. Divided into two parts the first part was restricted to the VIIT campus and the next part was of Pune City.

Next, we had a Nation Wants To Know idea hosted by Tejas and Aishwarya where the all the staff were divided into a pair of 2 and were asked questions about each other to know how well the pair knows each other. After that we headed back to a poem by Mahesh which was very meaningful dedicated for the teacher's and was appreciated by the staff as well. Followed up we had a singing performance by Suraj and Nihira on the old classics of Bollywood which was really soothing to ears and was loved by all the attendees. The event was concluded by words of appreciation for the efforts taken by the team from the staff which really made each and every team member happy.



Name Of the Event: - Engineer's Day Talk by Industry Experts

Date: - 15th September, 2021

Medium: - Online through Google Meet.

Topic: - Webinar on opportunities for Mechanical Engineers in Industry

Mechanical Engineering Students' Association [MESA] hosted an online webinar on September 15th using GOOGLE MEET. The topic of the guest talk was "OPPORTUNITIES FOR MECHANICAL ENGINEERS IN INDUSTRY." The event was free and available to all Mechanical Engineering students. Our hosts, Gunjan Patil and Pranav Kulkarni, kicked off the session by giving a quick overview of the session and its significance. They also presented our main speaker, MR. Utsav Verma, Senior Project Leader at ATLAS COPAS, who received his Btech in Mechanical Engineering and Automation from MIAT.

Mr. Utsav sir began the session by greeting all of the kids who are aspiring to be future engineers. He then went on to explain what an engineer is and what mechanical engineering is. He also discusses how technology has evolved through the years, how it has changed, and what the future holds. In various industries, mechanical engineers are needed. Then he walks us through the various sectors related with mechanical engineering and the abilities required for them, as well as how we may develop those skills in ourselves through internships, project work, volunteering, and so on.

Then he went through current sectors and future trends in which mechanical engineers can work. He also discusses how businesses are keeping up with new trends and implementing them. He discusses the future implications and opportunities that this can provide. He also talked about the government's plans and ambitions for the future. The MAKE IN INDIA CAMPAIGN and how one might benefit from it.

He concludes by describing the present job scenarios over the years. And he walks us through the ATLAS COPCO company, explaining how it operates and how to get involved. What are their brands and the products on which they work? The platform was then opened for a Q&A session, during which he directed and answered all of the students' questions, giving them a clear notion and vision of the potential available in many disciplines. Gunjan Patil gave a vote of gratitude at the end of the ceremony.

Photos Gallery: -





Career planning in next generation workforce

Introducing our
Guest of Honour



Mr. Aditya Nanavaty
Director at Deloitte India
B.Tech Production, COEP

mesa_vnit



Name of the Event: - CAREER PLANNING IN NEXT GENERATION WORKFORCE

Date of Event: - Oct 3, 2021

Time: - 4 pm

Number of attendees: - 60

On Oct 3rd 2021 MESA conducted a career planning session about next generation workforce. It started by our speaker Nitikesh Jagdale who introduced our guest of honour for this session, Mr. Aditya Nanavaty who is currently the director of Deloitte and has completed his B. Tech from COEP. Then our guest took over it and started the session. He started by explaining the current scenarios of company's workplace and how different companies managing their employees and why it's important to understand that.

He explained one of the points which were going to be important in next generation workplace is the skills and communication, he further added the different aspects and advantages of having it. The next point he talked about was self-awareness: know what you don't know, in this he explains about learning the skills apart from your curriculum. Then he talked about the Career in portfolio reinventing which he explains that one can pursue different careers as he pleases by having different skills or one which interests an individual. The next point he covered was finance personal finance in career planning in this he gave the review about the income of mechanical engineer after doing B. Tech, M. Tech, MBA or any different courses. At last, he talked about the word ikigai and how you pursue your living according to passion, profession, vocation and mission.

Then he further adds about the Career that students can pursue after B. Tech and answered the questions asked by students in chat box. Nitikesh concluded the event with a vote of thanks.

Students feedback: Student get to know about the current scenarios of career in companies and how to plan their career in next generation workforce.

Name Of the Event: - Mechmerize

Date: - 29th and 30th January 2022

Medium: - Online through G-Meet

On January 29 and 30, 2022, Team MESA held one of their most awaited and signature events, Mechmerize. The Mechmerize consisted of competitions organized by the students for the students of VIIT as well as students from other colleges as well. It was an interdisciplinary stream event as students from all backgrounds participated in it.

Starting the preparations of the event from one month before itself from selecting the theme, deciding the flow, to finalizing the dates and the list of competitions the event was thus decided to go live on 29th and 30th of January. Despite the challenges faced by the team during the pandemic times the team managed to get around 200 paid registrations throughout the colleges of Pune city as well as outside Pune as well as the mode of conduction was in online mode.

After a lot of brainstorming and ideas discussion Seven competitions were decided to be hosted within a 2 days span. The team split into many groups and thus handled their competitions individually with the help of everyone. The seven competitions that were decided are as follows

-

1. Bid-wars
2. Voice It out
3. Cadify
4. Business-Plan
5. Web lancers
6. Shutter Up
7. Placy-try

The details of each competition along with the registration count and the winners as well as glimpses of the events are discussed in this report.

The complete schedule and the event heads are as follows-

	Name of the Events	Event Head	Timings
1	Bid-Wars (VPL)	Atharva Adhikari Jayesh Patil Jeevan Pawar	[30 th Jan] 10 am-12 pm (Group 1) 1 pm-3 pm (Group 2)

	Name of the Events	Event Head	Timings
2	Voice It Out (Debate)	Nishad Mahagaokar Ashwajeet Kamble	[29th Jan] (Round 1- 11.30 am - 12.30 pm) (Final Round- 5:00 pm - 6:00 pm)
3	Cadify	Sejal Veer Nihira Golsangi	[29th Jan] (3:00 pm - 4.30 pm) [30th Dec] (9 am - 11 am)
4	Business-Plan	Samruddhi Shirke Yash Katre	[29th and 30th Jan] (10:00 am - 12:00 pm- Presentation)
5	Web lancers (Website development)	Prachi Mali Swanand Rewalkar	[29th Jan]- (will be sending topic for website through mail or g-meet) [30th Jan] 2:00 pm - 4:00 pm - Presentation of websites.
6	Shutter Up (Photography Competition)	Suraj Kavhane Nishad Mahagaokar Atharva Adhikari	[29th Jan]- Submission form [30th Jan]- (11 am – 12 pm)
7	Placy-try	Mahesh Darade Maitreyee Gaurav	[29th Jan] Guest lecture (1:00 pm - 2:00 pm) [30th Jan] Aptitude test with GD 11:00 am)

Publicity and registrations-



The design team takes the lead here and starts designing posters and brochures for publicity of the grand event. The above picture represents the first poster created for the event Mechmerize. It was posted on the official social handles of MESA as well as all the volunteers.

The task of getting registrations for the event was a challenge due to pandemic but with great dedication and persistence the team worked and did publicity day and night for the event and was successful in getting 200 plus registrations. The idea and overall information of the event was spread orally, digitally and by all means possible while following covid norms. The volunteers pitched their friends and colleagues and thus they developed skills like negotiation, communication and interpersonal skills.

Inauguration ceremony -

After intense hard work and dedication finally, the day comes and the inauguration ceremony begins on 29th January 10am in the presence of all the honourable dignitaries of VIIT and the respected faculties. Mr. Amey Lale, channel support account manager at Apple Inc. USA, performed the inauguration ceremony and gave a brief introduction about themselves and role and opportunities for mechanical engineers.

Around 100 participants joined the inauguration ceremony along with them another half a century in the parallel link.



This is a glimpse of Mr. Ameya Lale giving their presentation and information about themselves. After the completion of the inauguration ceremony the volunteers engage with their competitions with full force and dedication and are ready to give their best for the next 2 days. All the 7 competitions were held parallelly.

Brief information about all the seven competitions is as follows -

1. Bid-wars

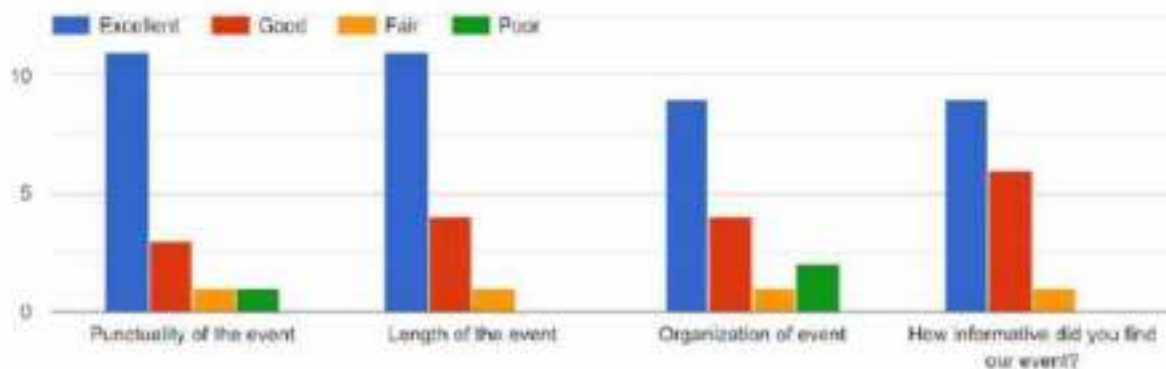
The Bid-wars was a competition where an online auction conducted in IPL was replicated in which the participants were shown stats of various assets like companies, football teams and IPL cricket teams and based on the stats the participants had to place bids and compete with the fellow participants. The team with maximum points was declared the winner.

The total number of participants was 14 of which 3 were groups. Everyone showed great enthusiasm and enjoyed the event a lot. The event was conducted in two slots 10 am to 12 pm and 1pm to 3pm for 2 groups.

The winners of Bid-wars are as follows -

Number	NAME OF WINNER	POSITION SECURED	PRIZE AMOUNT
1	Arihant Jain	1	300
2	Armaan Shaikh	2	200

Feedback of the participants -



2. Voice It Out

Voice It Out was a debate competition hosted by MESA under Mechmerize in which participants had to discuss and give their opinion on the given topics and oppose the other participants' ideology. The tagline of the competition itself was "Don't hate it, Just Debate it." On this platform both technical and non-technical topics were debated. The topics were as follows –

Topics for Round 1:

a. Technical Topics:

1) Is AI technology beneficial or harmful for humankind?

2) Hybrid vehicle vs Electric Vehicles

b. Non-technical topics:

1) Online degree vs On-campus degree

2) Video-gaming - Rising Career or Downfall of Generation?

3) Censorship of OverTheTop (OTT) platforms - a necessity?

All the participants took active part in the debate and thus showcased their argumentative skills. Thus, it showed a very good response with over 28 individual registrations and 4 group registrations of 3 students each. The event was conducted in two rounds.

The winners of the competition were as follows -

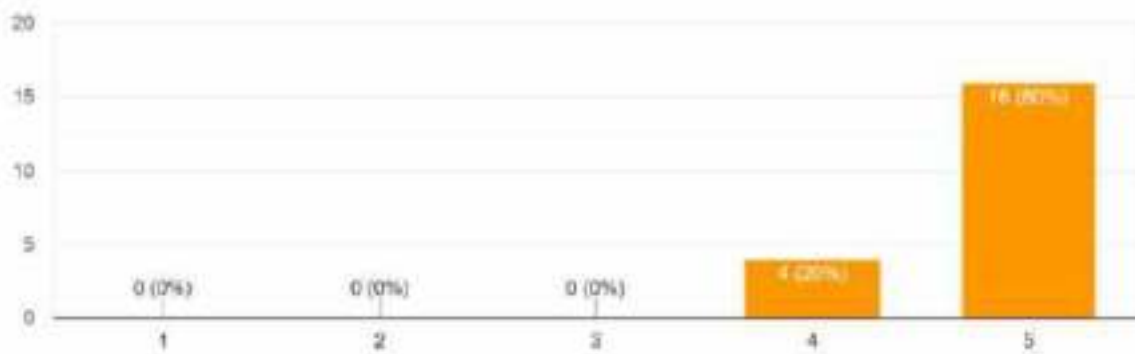
Number	NAME OF WINNER	POSITION SECURED	PRIZE AMOUNT
1	Akshad Lahariya	1st	500
2	Gargi Mhaskar	Finalist	100
3	Alok Joshi	Finalist	100
4	Anushree Bajaj	Finalist	100
5	Syed Zahid Quasim	Finalist	100
6	Tanish Raorane	Finalist	100

Some glimpses from the competition-



Feedback from the participants -

Your overall experience about the event
20 responses



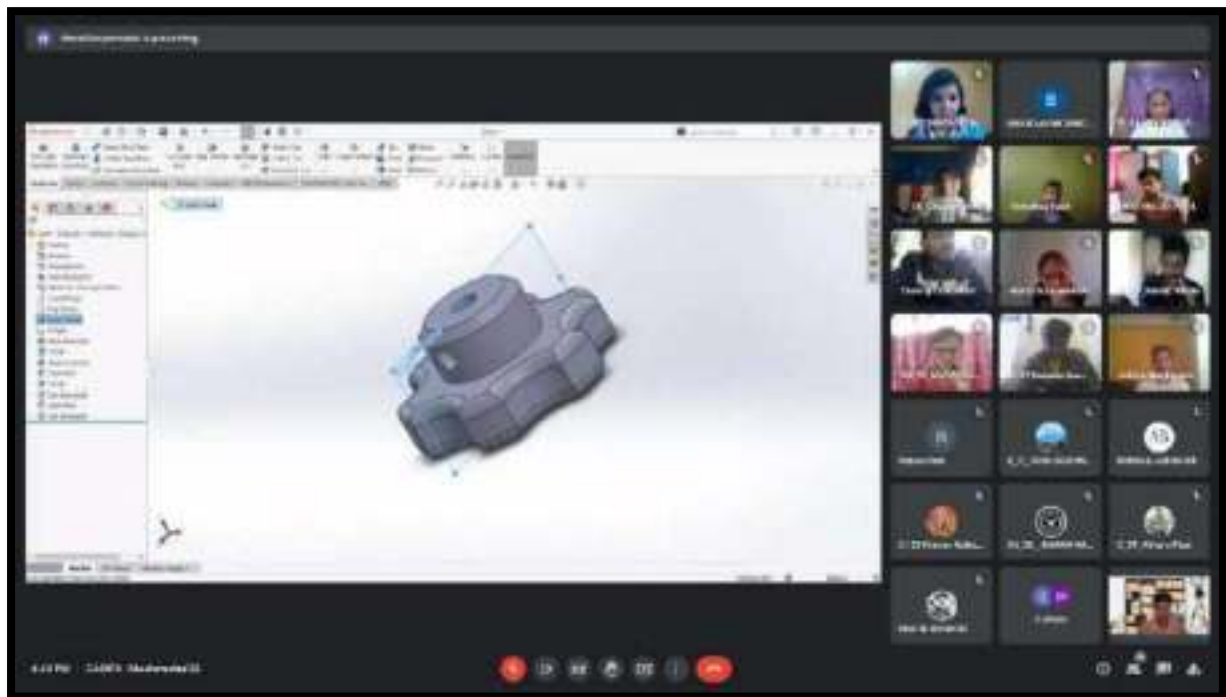
3.Cadify

The tagline of the event was “Aspire to inspire.” Cadify was a designing or 3d modelling competition. CADIFY was a platform to show the participants skills in designing.

Participants were asked to install a CAD designing software of their preferred choice among the following on their system.

1. Catia
2. Creo
3. Solidworks
4. Fusion
5. AutoCad

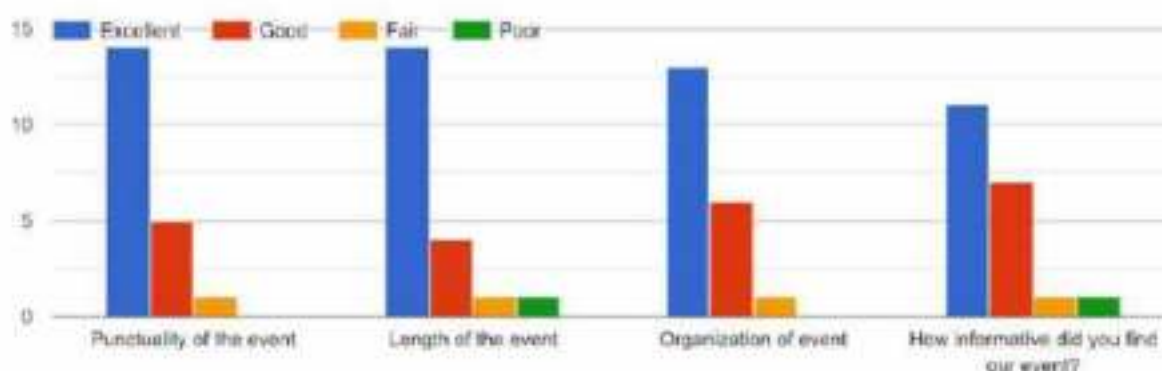
The participants installed the software and then they were given the task to design and challenges were provided by the volunteers and were conducted in three rounds. The participants who completed their first task were promoted to the second round. The participants presented their screen while designing so that the volunteers can supervise the event. Over 32 participants enrolled for the competition and showcased their skills.



Two winners were decided after judging all the aspects and they are as follows -

Number	NAME OF WINNER	POSITION SECURED	PRIZE AMOUNT
1	Aditya Waghmare	1	500
2	Rishi Mutagekar	2	300

The team received very positive feedback and thus was a success.



4. Business Plan (B-Plan)

The tagline of the event was “the only plan one can have.” The detailed information about the event is as follows

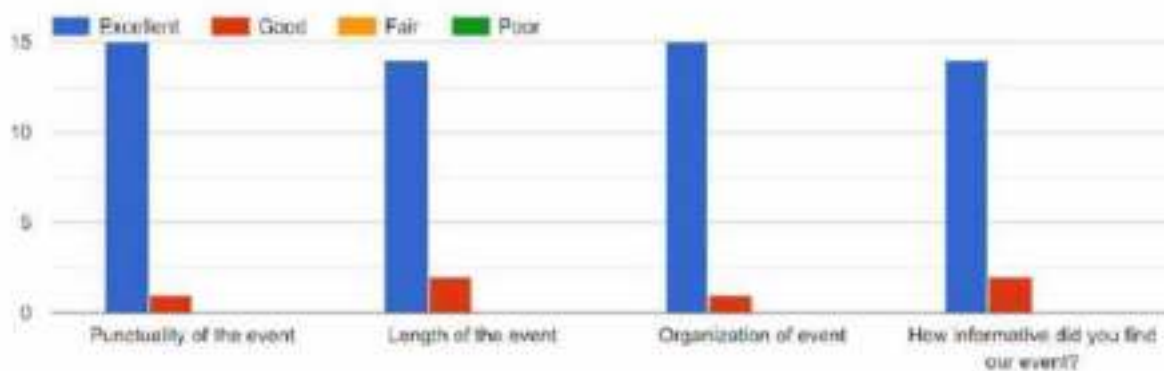
1. The event was all about setting up a manufacturing plant for a sub system of cars keeping in mind what the industry and investors demand.
2. As manufacturing is a fast-growing industry, this event would have helped participants to make them aware of the automations involved in the same.
3. Participants got a chance to enhance their management skills by setting up a business model for the same.

Team of max 4 participants was allowed to participate and 15 mins were provided for each team to present their model. A Q&A round was conducted at the end of the presentation. Total 14 participants enrolled for the event of which 3 individual and 3 group entries were noted.

The students got to know about a lot of things as well as learnt from the feedback about how to deliver effective presentations and develop their presentation skills.

After a series of presentations and Q&A and complete evaluation of of skills following winners were declared -

Number	NAME OF WINNER	POSITION SECURED	PRIZE AMOUNT
1	Team Ayush Tripathi	1st	500
2	Team Aditya Dambal	2nd	200
3	Ayush Ojha	3rd	100



Thus, the event was concluded with a positive note and feedback from the judges and some guidance.

5. Weblancers

The title of the competition itself says that it was a website building competition. The tagline of the event was “Build something that sells.” It was an event where the participants got the opportunity to showcase their potential to Build a website. An online presence for a company using their designing and coding skills.

The details of the competition are as follows -

In 1st round problem statements (i.e., company details, requirements) were allotted to the participants on which they had to create a unique website with HTML, CSS codes. This round was conducted via ZOOM meeting. This round was conducted for 1 hour.

The 2nd Round was based on presentation. Participants had to present their work in brief (i.e., constructed website) to the examiner by sharing their screen to everyone. Participants had to

fill the G-form and submit their website folder. Time limit for warning was given to the presenter after 5 min. This round was conducted via Zoom meeting.

The competition received great response from the participants and a total of 49 participants enrolled for the competition of which 10 were individual entries and 11 group entries.

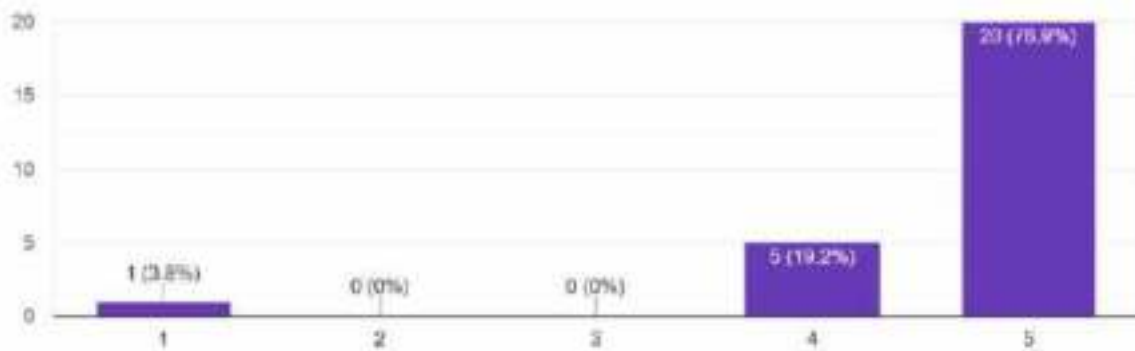
After considering all the aspects related to design, presentation skills and other judging criteria 2 teams were declared as winners. The winners were as follows

Number	NAME OF WINNER	POSITION SECURED	PRIZE AMOUNT
1	Bhavesh Ingale	1st	500
	Adarsh Bhalekar		
	Apoorva Ghorpade		
	Akash Tandale		
2	Avishkar Rajendra Gandhi	2nd	300
	Prathamesh Deo		
	Om Gogte		
	Aman Deshpande		

Feedback from the participants-



Your overall experience about event
26 responses



6. Shutter-Up

Shutter Up was a photography contest where every participant was told to send their best clicked photo, related to the given theme and winners were declared on the basis of all the rules and regulations. The themes given to the participants were as follows -

- Natural wonders
- Humans & emotions
- Miniature photography

The participants were asked to upload their photographs submission till 29th of January till 5 pm. They were given options to upload either 1,2 or 3 photos. The competition received great response from all the participants with over 56 participants.

The participants showed great enthusiasm and showcased their photography skills and creativity.

The winning photographs and winners were as follows -

Number	NAME OF WINNER	POSITION SECURED	PRIZE AMOUNT
1	Tejas Rajput	1st	300
2	Pratham Babre	2nd	200
3	Shreyas Mhaske	3rd	100



7. Placy-Try

The last event of the Mechmerize was Placy-try which was nothing but a replica of a placement drive to prepare the students and give them some experience to face the placements effectively. It was more of a guiding event with hands-on experience. The event was conducted for 2 days in which 3 rounds were conducted: Aptitude, Group discussion and the last round was the interview round.

It was observed that participants showed great interest in registering for this event as it was giving the real experience of an interview process. A total of 58 participants registered for the competition and thus they began their preparation for the event.

Experts from industries, Alumnus and senior students were given the task of selection, judging and guiding the participants. The flow of the event was as follows-

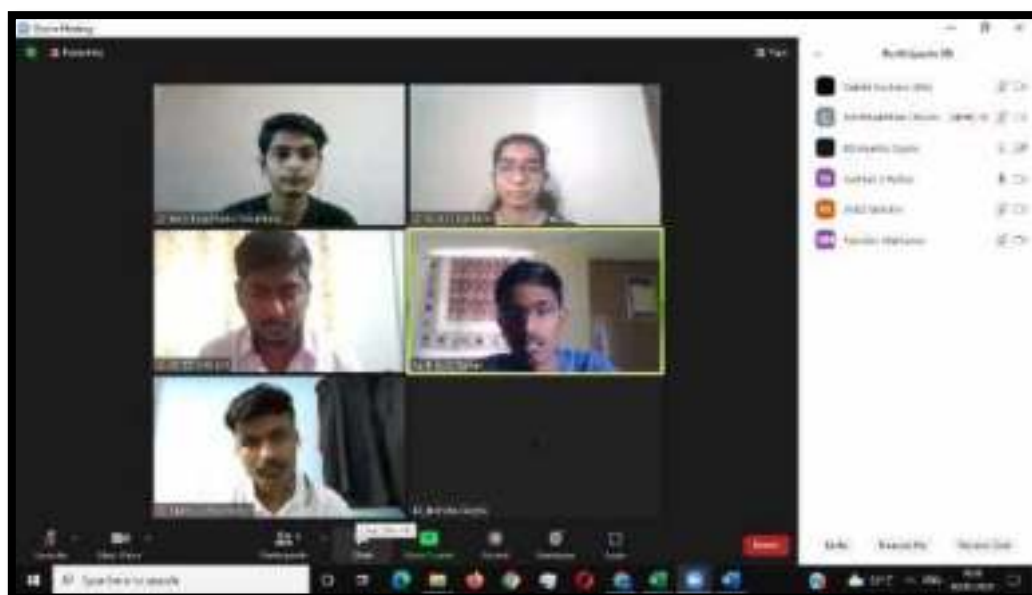
The event was conducted for two days.

Day 1: - There was a session in which the expert guests guided the students to build their CV, aptitude round, group discussion and interview round in placement scenario. Mr. Ajinkya Shinde delivered a very informative session on how to build a resume, things to be avoided by actually presenting their own resume.

Day 2: - It included an aptitude test (60 Marks), group discussion (30 marks) and interview (Technical + HR) round (50 Marks). Those who scored highest marks out of 140, were Selected as winners.

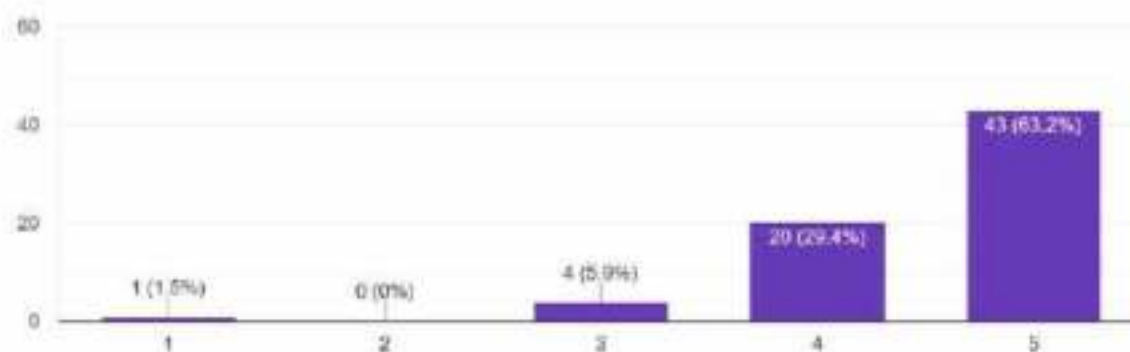
Complete conduction of the event was done in online mode. The volunteers took utmost care to prepare the questions as well as deciding topics for group discussion and stayed active throughout the placement process.

Some glimpses from the event are as follows-



Your overall experience about event

58 responses



After careful evaluation of the scores and points considering all the three rounds' results were declared. The winners or the placed candidates were as follows -

Number	NAME OF WINNER	POSITION SECURED	PRIZE AMOUNT
1	Ayush Tripathi	1	500
2	Anurag Kayastha	2	300
3	Shivam Kapure	3	100

Thus, after rigorous 2 days and active participation from the volunteers as well as the participants the event was concluded after careful consideration and evaluation from the team and prize distribution ceremony was arranged the next day itself. All the participants were given a participation certificate and winners their winning awards and prize money.

Very positive feedback was received from all participants and the multi-disciplinary event came to an end.



BRACT's
VISHWAKARMA INSTITUTE OF INFORMATION TECHNOLOGY



Webinar On Training for Profile Building and Financial Management

Profile Building : Resume Writing



Dr. GANESH SONI

Masters from BITS Pilani and Ph.D. from
IITB-Monash research academy, IIT Bombay
Currently working as a Quality Assurance Manager
for Digital software at Hexagon India limited.
He has overall 13 years of experience.
Dr. Soni is passionate about bridging the gap
between academics and industries.
He is interested in Resume Writing and has delivered
25+ sessions on the topic at various premium institutes
across India. He has Resume Writing course
of Udemy with 1000+ happy students.

Topic to be covered

- 1) Basics of resume writing, Basic templates for resume building.
- 2) What skills are companies looking for
- 3) Use of extractive language, Use of colors, Use of infographics, Types of resume.
- 4) Photo / no photo, one page / two pages resume.
- 5) Many more discussions from employer point of view.

DATE :- 4th December 2021

DAY :- Saturday

TIME :- 09:30 AM to 12:00 noon (Profile Building)

12:30 PM to 01:30 PM (Financial Management)

Financial Management



Mr. SUDHAKAR KULKARNI

Certified Financial Planner
Banker with 27 years experience
Currently working as Investment Advisor
Regularly writing articles on personal
finance in leading newspapers such as
Sakal, Pudhari, Saptahik Sakal
Banking & Financial Services (BFSI)

Topics to be covered

- 1) What is Financial Literacy.
- 2) What are various investment options.
- 3) Risk & return with respective investment.
- 4) What is financial planning and choosing suitable investment option.
- 5) Life insurance, health insurance, cyber insurance & accident insurance.

Registration link :-

Webinar link :-

No Registration Fee

E-Certificate will be issued to participants
attending the session.

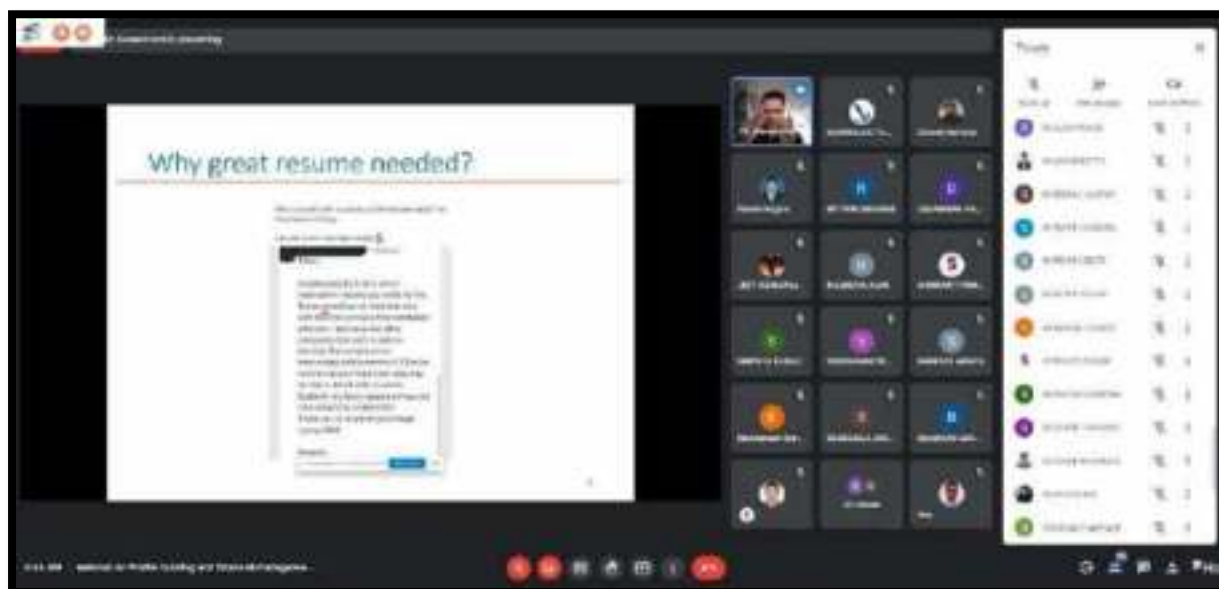
Name Of the Event: - One Day Webinar on Training for Profile Building and Financial Management

Date: - 4th December 2021

Medium: - Online Mode (Google Meet)

Number of Participants: - 150

On **Saturday 4th December 2021**, Dr. Ashoke Mache organized a webinar on one the 2 most important topics for Final Year students i.e., *Profile Building (Resume writing) and Financial Management*. 150 students from Final year of BTech Mechanical engineering attended the session. The webinar started with an introductory speech of HoD Dr. Dinesh Kamble sir, who explained the objectives of the topics for passing out students. Later on, Mache sir gave introduction for the first guest of the webinar Dr. Ganesh Soni sir who is (M. Tech in Mechanical Design BITS, Pilani) and currently working as Quality control manager at MSC Software, Pune. And has an amazing understanding on resume writing.



Dr. Ganesh Soni sir started his webinar by telling students how its important in today's world to make ourselves different from crowd and highlight our qualities to the interviewer. He started from very basic level of writing a resume right from font style, colour, font size, templates to whether to use photo or not, relevance of information to be added in the resume and what skills companies looking for. He explained in detail about 'why' these things are important. From his Power Point presentation he explained the flow chart of general recruiting process of a company and how we can present ourselves in a different way to get selected.



The 2nd webinar for the session started at 11:30 am by introduction given by Ganesh Narkhede sir about the guest for the topic Financial Management, Mr. Sudhakar Kulkarni who is a certified Financial Planner, Banker with 27 years' experience and currently working as investment Advisor. He started his webinar by telling the importance of financial literacy especially for the students who will get their first salary in coming months.

He explained about various investments options available nowadays like FD, Mutual Funds, Government schemes, Stock market, etc. He also explained the returns and risk factors related to those investments in detail. He also through light on long term and short-term financial Planning, Tax planning, loan repayment, contingency planning and retirement planning. He explained all the pros and cons of taking credit cards, home loan and health insurance scheme.



At the end of the webinar, he answered all the questions asked by students in the chat webinars and ended his presentation on a happy note by seeing the curious nature and enthusiasm for finance of the students.

Later on, Mache sir thanked students for attending the session. Certificates were distributed to all the attendees of both the webinar. Students gave positive feedback to the session through feedback form and were satisfied with all the arrangements made by the department.

Some of the feedbacks given by the students are as follows: -

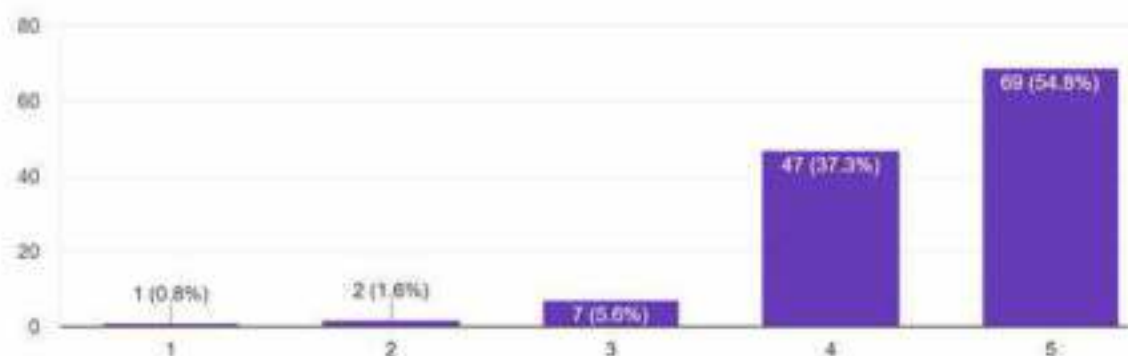
Is the Session useful?

126 responses



Overall administration (Rate on scale of 5, 5 being Excellent)

126 responses





TREASURE HUNT

An Escape

EVENT

Date : 23rd March

Day : Wednesday

Time : 03:00pm

Venue : Front of E building

PRIZE

1st Prize - 1000

2nd Prize - 500

(And Avail good discounts in MUN)

Contact :

Jayesh Patil - 9356403662

Nihira Golasangi - 7775086969

Shrutika Wankhade - 7218715203

meso_vit



Name Of the Event: - Treasure Hunt

Date: - 23rd March 2022

Medium: - In College Campus

One of the most popular games worldwide is the treasure hunt. The leadership of Mesa had its first offline event on a college campus.



Treasure hunt, the idea of hunting for hidden treasures has always been exciting and adventurous. In a treasure hunt, participants work in small teams to find the treasure with the help of given clues. The team who decodes the clue and finds the treasure first will win the game. In treasure hunt participants must find several items from the list provided to them.

To properly link students and MESA, this game was made available to all college students. Only on campus were the game's clues and hints created.

President of MESA Piyush Kale and vice president of MESA Bhargava explained the rules of the game at the beginning of the program.



The mechanical building (E) had posters about MEMES all over it. After finding a poster of MEME of a given clue there is another clue given in MEME which is a key for a second round. teams had to solve riddles in the second round, the clues were given to the winning teams in the first round and had to solve those riddles after solving the riddles winners got a plant to plant and during plantation, they got clue for the next round itself everyone had to plant that in college campus only.

Participants Plant Trees (Second Round)



The difficulty level of the clues will increase with each round.

In the third round, everyone had to solve one clue, and at the end, a MESA member would ask them one riddle, and the person who correctly solved the riddle was declared the winner. In this round out of five, two teams were the winner. All competitors and pupils took part in the event.

At the end of the event, HOD sir says Rewards, discoveries, and prizes bring a sense of achievement, and this boosts their self-confidence. Cracking mysteries, and solving puzzles make them more confident in taking up any challenges. Creativity: Treasure hunt challenges students to think and use their creativity to solve mysteries.



Then HOD Sir distribute the prize money to the winner.

1. First Winning Team.



2. Second Winning Team





Name of the Event: - YOUTH PARLIAMENT

Date of the Event: - 23rd and 24th April, 2022

Medium of conduct: - Offline

MESA VIIT hosted the "YOUTH PARLIAMENT" event on 23rd and 24th April 2022. The event was held at the premises of Vishwakarma Institute of Information Technology, Pune. The chief guest of the program was Hon. Adv. Vijay Sawant (Member of Law Commission of India) and Adv. Shivraj Kadam (Vice President, Pune Lawyers Association). The event was organized to give the students an experience of our Lok Sabha and to give them an opportunity to express their views on some of the topics broadly provided by MESA and some of their choice.



The event commenced with the lighting of lamp by group of dignitaries followed by Saraswati Vandana. Host Miss. Aishwarya Vaidya and Mr. Tejas Nanavaty gave a formal welcome to all the dignitaries on stage and participants from VIIT and other colleges. VIIT students were also present to witness the inaugural ceremony of the event. Thereupon the Chief



Guest of the event Hon. Adv. Vijay Sawant sir delighted the participants with his golden words. He discussed parliamentary democracy, the type of democracy in India. He explained every line in the preamble of the Indian Constitution. He mentioned that he was astonished to see such an event being organized in an Engineering College. He commended the participants and

the organizing team for taking the initiative to eradicate the stereotypes of the people. Going ahead Adv. Shivraj Kadam sir wished the participants luck and advised them to rather than taking it as a competition consider it as a learning experience and a platform to express their concerns and opinions about the issues in India. Later the Head of the Department Dr. Dinesh Kamble Sir and Professor in charge Aniket Salve Sir spoke on the program and the work of MESA. MESA President Mr. Piyush Kale Addressing the audience, thanked them for their faith in MESA and for the large number of participants. Following this the president officially announced the commencement of the event.

Assembly 1

On the first day prior to the commencement of the session the house was introduced to the speaker Miss. Ketaki Phatak and the rapporteurs Miss. Akansha Sarode and Miss. Vaishnavi Kacchav. Following the attendance, the session was started with the permission of the speaker and the national anthem. The very first session of the day was the Question Hour. The questions asked in this session were based on the topics broadly provided by MESA, VIIT. In this session each opposition member had an opportunity to ask three questions to the Ministers. The main topics discussed during the session were fuel price fluctuations, increasing solar energy projects, distribution of coal for power generation, and building infrastructure so that young people do not have to look for other nations to find opportunities. The minister assured the opposition that he would approve the budget for the universities and hospitals in



the outlying areas and also provide a large number of scholarships. The budget for the health sector and the Central Vista project were also discussed in the House. FasTag was another topic that was hotly debated. There was some confabulation about the safety of women, punishment in rape cases and the time it takes to get justice in the courts.

The Second session of the day was the Zero Hour. In this session the opposition members had submitted their questions to the speaker before the start of the Question Hour. The questions to be asked in this session were not under any banner and were solely of the opposition's choice. The speaker would choose the question from the list of questions submitted earlier following which the discussions took place. Most prominent subject matters in this session were the cutting of trees, privatization of industries and privatization of Defence as well.

The Third session of the day was the Bill Reading session. In this session the ministers read the bills which were already passed in the Lok Sabha. The main motive behind this session was to give the participants an idea of how a bill is to be drafted as they had to draft a bill on the second day of the event. A total of 8 bills were read in this session out of which two bills were chosen for discussion. These bills were selected through the preferential voting process which was conducted through an online software. The first bill for discussion was "The Farmers (Empowerment And Protection) Agreement On Price Assurance And Farm Services Bill, 2020" proposed by the Agriculture Minister. The second bill for discussion was "The Central Educational Institutions (Reservation In Admission) Bill, 2006".

"THE FARMERS (EMPOWERMENT AND PROTECTION) AGREEMENT ON PRICE ASSURANCE AND FARM SERVICES BILL, 2020" had a central idea of maintaining a proper price for all the farmers' produce. Doing so will reduce the losses of the small farmers and maintain equality was the view of the minister. The opposition had some suggestions to the minister to which the minister responded with agreement.

"THE CENTRAL EDUCATIONAL INSTITUTIONS (RESERVATION IN ADMISSION) BILL, 2006" had an overall focus to provide for the reservation in admission of the students belonging to the Scheduled Castes, the Scheduled Tribes and the Other Backward Classes of citizens, to certain central educational institutions established, maintained or aided by the Central Government, and for matters connected therewith or incidental thereto. After the discussion of this bill the speaker announced the end of the first day of the event. And the participants were informed about next day's proceedings and the bills they had to bring by drafting it themselves.

The Second Day of the event started with the national anthem and the attendance of the MPs. The First session of the day was the Bill Reading session. These bills were drafted by the Ministers all by themselves. The main idea was to form a bill on the basis of discussions done on the first day of the event. A total of eleven bills were read by the respective Ministers. The Ministers also gave a bit of background of the bills along with the brief description of the important clauses in the bill. After the completion of the bill reading session, the house had to decide on which three bills the house will be discussing later on. To select the bills for discussion the house decided to go for preferential voting. This voting was carried out on an online software. The MPs were sent a link by the rapporteur on which they had to give preferences to all the bills. After the voting had been done the results were disclosed and three bills were chosen for discussion namely first "Sex Education Bill" proposed by the education Minister. The second bill was "The Protection of Women and Children from Sexual Offences Act" proposed by the Women and Child Development Minister. The third bill for discussion was "The Implementation of Minimum Selling price Bill" proposed by the Agriculture Minister.

The "SEX EDUCATION BILL" focuses primarily on the compulsory teaching of sex education in educational institutions in India. The bill mentions schools having two doctors for this purpose. The curriculum should have an impact on the students and should be explained in a detailed scientific manner. People in India should also be made aware of the use of sanitary pads. The bill also mentions having two members from the NGBT community and trying to improve the mental health of students.

The "PROTECTION OF WOMEN AND CHILDREN FROM SEXUAL OFFENSES ACT" was dedicated to the protection of women from sexual offenses. The bill sheds light on the number of rape and unregistered crimes reported daily. The duration of sentencing of convicts was discussed in the House and it was also mentioned that the convicts have reduced their punishment by paying money. The bill included the death penalty for rape. Counseling through the media, manipulation of samples, public awareness in schools were some of the other issues discussed.

The "IMPLEMENTATION OF THE MINIMUM SELLING PRICE BILL" was proposed to provide fixed prices for crops and reduce losses to farmers. The bill states that the government will provide a minimum selling price for crops and farmers can sell their produce to private companies at those prices. The government will procure some crops to supply materials through Public Distribution System (PDS). Crops that remain with the government will be exported. The bill excludes Copra and Sugarcane purchases by the government, but they will still remain under the minimum selling price banner. Opposition leaders also directed



the ministers to make efforts to regionalize various committees as crop prices are also changing at the regional level. If the bill is passed, it will help small farmers get the same price, the minister said. It was decided in the House that the government will also look into contract

farming under this Act. Following this session there was Diplomatic Lunch, during this the MPs could unofficially meet each other and ask them to make changes in their votes and bills.

After the Diplomatic Lunch the MPs came in for the last session of the event, “Final Voting”. In this session the Ministers with all the three bills mentioned the amendments they made in their bills after the Bill Discussion session. After all the amendments were done discussing the house was ready for the Final Voting. The house agreed on taking the final votes using the Vote of Hands method. The “Protection of Women and Children from Sexual Offenses Act” proposed by the Women and Child Development Minister had got the most number of votes with a total of 15 votes which was eventually the winning bill. The “Sex Education Bill” proposed by the Education Minister received 6 votes in total. And at last, the “Implementation of the Minimum Selling Price Bill” proposed by the Agriculture Minister gathered a total of 2 votes. The result for best was displayed in the house and the speaker officially announced them as well. After taking the feedbacks from the participants the Assembly was officially adjourned by the speaker.

Assembly 2

On the first day prior to the commencement of the session the house was introduced to the speaker M/s. Tanaya Kulkarni and the rapporteurs Mr. Rishi Mutagekar and Miss. Anisa Diwan. Following the attendance, the session was started with the permission of the speaker and the national anthem. The very first session of the day was the Question Hour. The questions asked in this session were based on the topics broadly provided by MESA, VIIT. In this session each opposition member had an opportunity to ask three questions to the Ministers. The ministries during this session were the Ministry of Home Affairs, Ministry of Defence, Ministry of Education, Ministry of Finance, Ministry of Rural Development and Ministry of Telecommunication. There was a heated argument between the opposition members and the Minister over Article 370. The Ministry of Education was asked about reducing the use of drugs near schools and colleges, changes in the national education policy and the fees & seats in coaching classes. The Finance Ministry was asked about the per capita expenditure in the current situation and before the outbreak of covid-19. The country's tax rates were also discussed. India's hard and soft regimens were questioned along with other topics such as coal shortage, Rural development and the religious songs played on All India Radio. The Ministers were also questioned regarding the 15th March Missile fire on Pakistan and were asked to share the technical issues publicly. All the questions were properly answered by the Ministers.



The second session of the day was the Zero Hour. In this session the opposition members had submitted their questions to the speaker before the start of the Question Hour. The questions to be asked in this session were not under any banner and were solely of the opposition's choice. The speaker would choose the question from the list of questions submitted earlier following which the discussions took place. The convention discussed the provisions made by the government for local artisans as their work has not received much attention since the outbreak of the epidemic. Some other points of discussion were the protocols needed to be followed by citizens to curb growing covid cases, communal riots in Delhi, India's role in Russia-Ukraine war, rising pollution levels, and the government's stand in providing subsidies to EVs. Few other points which led to heated debates were fantasy and online gaming, Hindu Marriage Code Law of Goa, recognition of deaf athletes as para-athletes, black marketing of remdesivir and shortage of ambulances.

After the break the house mutually decided to have an extended Question Hour instead of the earlier decided Bill Reading session. With the permission of the speaker the extended Question Hour started. The session began with discussions on topics such as All India Radio being biased, protection of Kargil's Shia Community's interest in new Buddhist majority region, Jammu & Kashmir being declared a Union territory, Clauses in the new education policy, implementation of Mother tongue as a subject in private institutes, lack of infrastructure in sports section, reduction in farmers' suicides, the debt waiver process and encouraging farmers to take seasonal crops. This was the end of the First Day of the Event.

The Second Day of the event started with the national anthem and the attendance of the MPs. The First session of the day was the Bill Reading session. These bills were drafted by the Ministers all by themselves. The main idea was to form a bill on the basis of discussions done on the first day of the event. A total of eleven bills were read by the respective Ministers. The Ministers also gave a bit of background of the bills along with the brief description of the important clauses in the bill. After the completion of the bill reading session, the house had to decide on which three bills the house will be discussing later on. To select the bills for



discussion the house decided to go for preferential voting. This voting was carried out on an online software. The MPs were sent a link by the rapporteur on which they had to give preferences to all the bills. After the voting had been done the results were disclosed and three bills were chosen for discussion namely first “New Education Policy” proposed by the education Minister. The second bill was “The Farmers’ Empowerment Act” proposed by the Agriculture Minister. The third bill for discussion was “The New India Act” proposed by the Health and AYUSH Minister.

The “NEW EDUCATION POLICY” Bill was mainly focused on reducing the gap between the current state of learning outcomes and what is required. The bill proposed Foundation Literacy and Numeracy: An urgent & necessary prerequisite to learning. The ability to read, write and also perform basic operations with numbers is a necessary foundation. Second the learning should be holistic, integrated, enjoyable and engaging. And hence the framework for school education will therefore be guided by a 5+3+3+4 design, consisting of the Foundational Stage (in two parts, that is 3 years in pre-school +2 years in primary schools). Experimental Learning will also be a point of focus for schools. Third point was Efficient Resourcing and Effective Governance through School Complexes/Clusters. Quality Universities and Colleges will be made easily available for the citizens. Re-imagining of the Vocational Education will be done. Promotion of Indian Languages, Arts and Culture will be done. Affordable and Quality Education for all will be provided. And the last point of the Bill was that the bill will be applicable nationwide.



The opposition leader asked the Minister about the reduction of fees in schools as well as private coaching classes to which the Minister responded that the government will be providing scholarships to students and will also consider reducing the fees of private coaching

classes. The Minister addressed the opposition member saying there will be awareness campaigns carried out to make sure these problems don't haunt us in the future.

“THE FARMERS’ EMPOWERMENT ACT” was proposed to tackle the fundamental issues faced by agriculture sector in India including rural employment, reform, land reform, farmer suicides, food security, agricultural productivity, farm loans, irrigation and farm infrastructure. The first point of the bill was the waste land redistribution according to which the government will distribute the non-used lands to the farmers willing to take them. Helping employment as well as use of the barren land. The second point was Prevention of diversion of agricultural and forest land to non-agricultural activities. Third point being Promotion of non-seasonal crops through subsidies. Under this clause the government will encourage the farmers to take different crops to increase the variety. The last point was to create an ecosystem where the farmers and traders enjoy the freedom of choice to sale and purchase of farmers’ produce which facilitates remunerative prices through competitive alternative trading channels.

The opposition members asked the Minister about the help provided to the farmers in debt waiver. On which the Minister responded saying the government has already started paying the farmers and all the farmers will be getting their share this year. Also, the farmers’ suicides were discussed on which the Minister assured to make reforms to reduce the number of farmers’ suicides in coming years.

“THE NEW INDIA ACT” was an act to promote optimal population for future India by promoting small family norms of up to two children per eligible female, to ensure the prosperity of health, wealth, and well-being for each and every current and future citizen of India. The objective of the act shall be the following: To provide resources for the health, wealth, and prosperity of each and every citizen of India by making sure the optimal state of the population can be achieved, To reduce the burden on the limited economic and infrastructure of the nation, To establish India as a developed and healthy nation with strong internal and external security, To safeguard the interest of not only current but also future generations of India. The exceptions to disadvantages shall be provided in the following cases a) The parent has more than 2 living children before the passing of such a law, b) In case of birth of two or more children at one time. The opposition was not much impressed with Minister as they hadn't mentioned all the points discussed on the earlier day. But later on, the



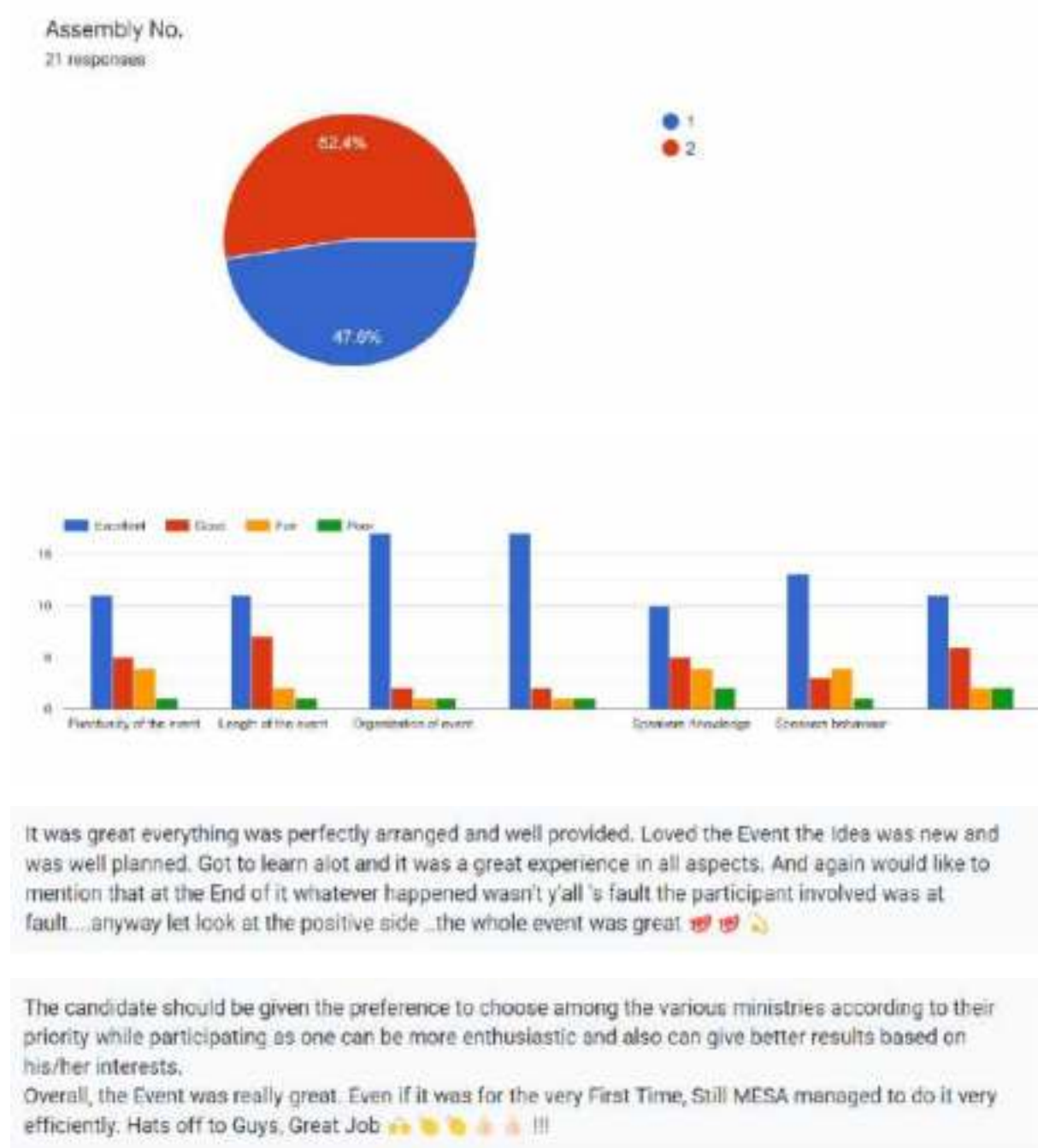
discussion started on whether we should be considering the option of controlling population all of a sudden. Following this session there was Diplomatic Lunch, during this the MPs could unofficially meet each other and ask them to make changes in their votes and bills.

After the Diplomatic Lunch the MPs came in for the last session of the event, “Final Voting”. In this session the Ministers with all the three bills mentioned the amendments they made in their bills after the Bill Discussion session. After all the amendments were done discussing the house was ready for the Final Voting. The house agreed on taking the final votes using the Vote of Hands method. The “New Education Policy” proposed by the education Minister had got the most number of votes with a full house of 19 votes which was eventually the winning bill. “The Farmers’ Empowerment Act” proposed by the Agriculture Minister received 16 votes in total. And at last, the “New Education Policy” proposed by the Health and AYUSH Minister gathered a total of 12 votes. The results were displayed in the house and the speaker officially announced them as well. After taking the feedbacks from the participants the Assembly was officially adjourned by the speaker.

After the completion of all the proceedings of the assemblies, the participants gathered in the seminar hall for the prize distribution ceremony. At the beginning of the ceremony, the host M/s. Avanti Shinde and M/s. Vedashri Patil thanked the participants and guests for giving their precious time to the event. The speakers then announced the name of the winners from their respective assemblies. The winners from the assembly 1 were Mr. Alok Joshi (Best Parliamentarian), Mr. Prasad Gherade (Best MP) and M/s. Namrata Mali (Best Bill). And the winners of the Assembly 2 were Mr. Kaushik Munde (Best Parliamentarian), Mr. Aquif Shaikh (Best MP) and Mr. Amol Golhar (Best Bill). The Best Parliamentarians were honoured with cash prizes of Rs. 2000 /- each and others were given cash prizes of Rs. 1500 /- each. The hosts then officially announced the conclusion of the event.



These are some of the feedbacks given by the participants



Name Of the Event: - B. Tech Farewell

Date: - 6th May

Medium: - In College Campus

A goodbye event for the class of 2022 was held on 6th May, 2022 by MESA. All Mechanical Engineering students from batches 22 and 23 were welcome to attend this event. The event was anchored by M/s. Pragati Neve and Mr. Virajas Tikone. At the seminar hall entrance, MESA gave each of the 22 batch members a rose and a gift. HOD Sir and the Dean of VIIT College gave opening remarks during the event. Later, MESA members performed a dance, a skit, and a calming singing performance for entertaining the students.

It was excellent to watch such entertaining part in farewell. We had performed Skit for farewell 2022 in it Skit was performed on reality of students in there four years of engineering with good music and dance also pandemic situations of student and teachers

Story starts from three students who are trying give best memories to their senior after that day 1 of college two student meet and go to search for their class room After that we created situation of pandemic how student and teachers taken pandemic is positive way at the end of Skit moral was how 4 years of their college passes with bad and good experience.

After this the students played the game fish pond which was enjoyed by each and everyone. Later, after faculty members, the HOD, and the Dean had expressed satisfaction with the event, students provided input by talking about their college life and sharing their beautiful memories with each other. MESA hosted a luncheon for all faculty members and students to conclude this event.

All the faculty members and students had a mixed feelings of happiness and emotional ones as they were saying goodbye to their friends, college and the unforgettable memories they have built in these four years. And the MESA team was happy to be the reason behind the successful meet-up of the students and faculty members.

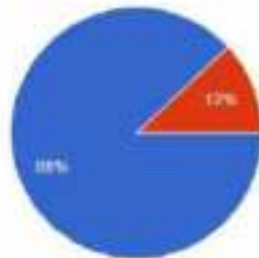
Photos Gallery: -



Feedbacks from the B. Tech Students: -

Punctuality of the event?

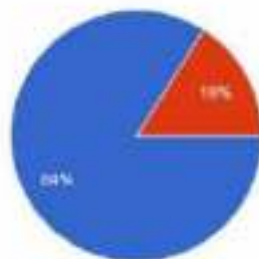
25 responses



Excellent
Good
Fair
Poor

Length of the event?

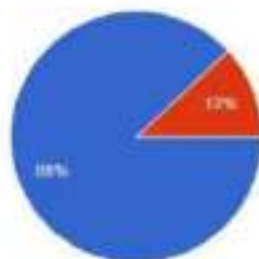
25 responses



Excellent
Good
Fair
Poor

Organization of the event?

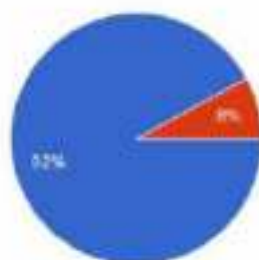
25 responses



Excellent
Good
Fair
Poor

How entertaining was the event?

25 responses



Excellent
Good
Fair
Poor