Don Bosco Institute of Technology, Mumbai

DEPARTMENT OF COMPUTER ENGINEERING

Session 2020-2021 Even Semester

- Meeting Date : Saturday, 15th May 2021 @ 2.00pm to 4.00 pm
- Meeting Place : https://meet.google.com/nij-qpho-hmx (Google Meet)

Academic Advisory Council Report

Panel Members

1. Mr. Atul Gandre, Global Technology Head , TCS
2. Mr. Thomas Lobo, Roots2Wings Training Solutions
3. Ms. Madhumita Chatterjee , Team Lead , Ernst & Young Ltd

Attendees Present :

1. Ms. Sana Shaikh (Head of Computer Dept)
2. Dr. Amiya Kumar Tripathy
3. Dr. Phiroj Shaikh
4. Mr. Imran Ali Mirza
5. Ms. Sejal Chopra
6. Ms. Kalpita Wagaskar
7. Ms. Shainila Mulla
8. Ms. Dipti Jadhav
9. Ms. Deepali Kayande
10. Ms. Ditty Varghese
11. Ms. Priya Kaul

Students Present :

12. Mr. Tahaa Qazi (BE COMP)
13. Ms. Cynthia Mascrenas (BE COMP)
14. Ms.Athira Lonnapan (TE COMP)
15. Mr. Hayden Correio (TE COMP)

1. The welcome address was given by Ms. Shainila Mulla (AAC Coordinator) extending a warm welcome to the advisory board committee members and a sincere gratitude was expressed towards all the members present for the meeting.

2. There was a formal introduction of the advisory board committee members, in which there was inclusion of a new board member, our alumni Ms. Madhumita Chatterjee.

3. Post the introduction, Ms. Sana Shaikh (HOD Computer dept.) briefed the panel members about the latest developments of the department, along with the detailed discussions of how the department had incorporated all the inputs given by the AAC board members on various aspects in the department.

4. After the presentation, HOD requested to approve previous AAC minutes of the meeting.

5. Atul Sir appreciated the team and specifically mentioned the suggestions expressed in the last AAC meet had been incorporated and appreciated by saying that the department always tries to implement recommendations received by the AAC members.

6. Since the minutes of the previous meeting, newsletter were provided to the AAC members well in advance of the meet, it was easy to discuss the growth of the department and its new highlights.

7. Mr. Thomas Lobo highlighted the achievements and congratulated the department w.r.t to their efforts. He praised Ms. Sana Shaikh for her effective leadership and approved the previous AAC meeting minutes too.

8. The next section of the meet began with the keynote addresses of the AAC Board members.

9. The first keynote was addressed by Mr. Atul Gandre who spoke on **"Technical Progression and Intellectual Property rights"** in the current scenario. There were several technical progressions he highlighted in his talk, by differentiating it into " What' s hot and What' not hot". The key points of Mr. Atul's talk included the following:

    - **What's hot** :
        a. Fullstack Applications- It is the best practice in the market now
        b. A shift towards Python based architecture as Python is ruling all the market
        c. Django framework , with React Js and backend My sql are being incorporated by various organizations
        d. Instagram and Pinterest have implemented these architectures
        e. Cloud based scenarios have helped these technologies in the pandemic
        f. Multi Cloud is a strategy. They work with combinations of Azure and AWS together
        g. Docker , Kubernetes based initiatives with docker is a hot skill currently. AI is going to be for the next 3 years

    - **What's not hot:**
        a. Azure Cloud blockchain services are down
        b. Accenture ,IBM too have reduced Blockchain technologies. It's on a decline
        c. Java based architectures are legacy. On premise Data centres are going to be reduced because we are moving to the cloud . Security though is a concern on the cloud
        d. Startups are being encouraged , big vendors are not.

    - **Virtual environment :**
        a. Virtual labs are the need of the hour

b. For faculty and students, Cloud based virtual labs make a lot of economic sense. Colleges need to incorporate this concept.
c. Faculty Progression: EDGE computing, 5G networking, How to teach virtual environments are going to be in demand.

- **Intellectual Property Rights**:
  d. He differentiated with respect to Trademark, copyright, patent. Copyright is used in marketing.
  e. Patent means registering / filing your idea with a patent office. It is just an idea . It requires no registration.
  f. It starts with filing one and written in good vocabulary. Patents are country specific. Indian patents are not recognised abroad.
  g. File Patents with organizations abroad are more relevant . It cost around 2-3 lacs.
  h. Google patents is a good option as it takes 3 months to file a patent and 8 months to get the process completed.

10. Atul sir commented on the placement scenario in current times. Skills that are being looked during placements are creativity, communication skills, attitude, flexibility to learn and CGPA which represents candidate review in the last 4 years. Technical skills are not the prime focus of the interviewer.

11. The second keynote address was given by Mr. Thomas Lobo on **"Stress management in Covid -19 scenario"**. The key points discussed by him are as follows:
    a. Stress is a process which builds and builds and finally explodes. It is a silent killer. It is the source of all life threatening diseases like cancer and heart disease The fear of Covid is causing stress and anxiety.
    b. He discussed types of stress. Students and faculties have taken positive and negative types of stress. Different personalities respond to stress differently. There are type A and type B personalities.
    c. There are two temperaments, thermostats and thermometer. Some people are thermometers They merely register what is going on around them. If the situation is tight and pressure, they register irritation and tension.
    d. Thermostats however regulate tension, are mature and are agents of change. His overall message was to be a thermostat, not a thermometer.
    e. Lastly he concluded with a story on a coffee cup which had a message saying that how good the cup looks is not important , the coffee within it should taste good.
    f. Mr. Thomas suggested having counselling sessions for faculties like on stress management etc.

12. The last keynote address was from Madhumita Chatterjee who discussed the "**Digital Branding of the department**". She was briefed with the newsletter and was asked to review the departmental website for inputs.
    a. She suggested short videos to be incorporated on the website for effectiveness. Videos are in demand. Digital presence in today's world is defined by video platforms. She discussed the college website in detail and commented on the student corner.
    b. She discussed the paper presentation webpage and suggested instead of a text column, small videos or clips redirected to longer videos.
    c. TedX talks initiated by students. TedTalk - Select individuals who made it from scratch who have been achievers.

d. She suggested an idea to start "**Internship Chronicles**" in which students can display or summarize their journey in a minute discussing their details.
e. Lastly she emphasized on the importance of educating students on the usage of social media as to what content should be posted and what is meant to be kept personal.
f. Madhumita shared her overall views and was impressed by the department activities specially during the pandemic . She highly appreciated the faculties efforts.

13. The next section of the advisory meet was the question and answer session between students and the AAC members.

The summarized table of their interaction is as follows:

Sr. No.	Student Name	Question Asked	Suggestions given by Committee Members
1.	Mr. Tahaa Qazi	How can teaching methodology and patterns be adapted to the online medium? For example using a flipped learning approach, where the class time is primarily used for interaction and the students read up on material by themselves ?	Work on your skills. Develop vocational skills , try to commercialize mini projects, try to incorporate things through the course work. Use role play as a new technique to learn new things. Flipped classrooms can be explored. Try to make mini projects as commercial ventures and float it in the market.
2.	Ms. Athira Lonnapan	In the past one year many families have lost their sole bread earner and are facing a financial crisis. In such situations where students are expected to pay their education fee, what do you think can be done to help them?	We need to find out such student information. Develop an educational app where the content is provided for free. Donating Education supplies to the students. Some institutes are deferring fees. The second possibility is approach NGOs to help out students for studies and support The students can get together known as crowd funding agencies. Group of students in similar situations can get together to develop a crowdfunding. There is an NGO in which our AAC member is involved . He gave a reference to approach www. lifeanchors .in
3.	Mr. Hayden Correio	Are you in favor of allowing students to explore various domains of Technologies during college hours with real-world projects and given assistance in the terms of guidance and resources if needed?	Students should explore real world projects to increase their exposure. Target company competitions to learn new things. Companies organize competitions to test new technologies and also upcoming market trends, Participating in competitions like this will provide students with real world exposure.
4.	Ms. Cynthia Mascrenas	The training/internship of most of the final year students commences in Sem 8 itself.Due to this, students have an increased amount of internship workload as well as coursework including BE project and other submissions which leads to too much pressure and stress at the same time. What could be done to alleviate the same?	Prioritize time accordingly between doing internships and studies. In doing one activity the other should not be compromised, there is a balance to be maintained. The time for everything should be pre - planned. Yoga can help to reduce your stress levels..

14. After this, there was Q and A session with the faculty members, the summary of the discussion is as follows :

Sr. No.	Faculty Name	Question Asked	Suggestions given by Committee Members
1.	Ms. Deepali Kayande	How do you keep students connected in this situation? Many students feel motivated when they study/discuss/interact with their peers. How to handle this problem in the current situation?	Students need to be given more frequent breaks. Students get many things together and they get stressed. Student driven class could be a concept that could be tried. The students who actively respond to this should get some recognition.
2.	Ms. Ditty Varghese	What about stress management for faculty members ? There is hardly any provisioning for faculty members?	There is a thin line separating work from home and family life. Mental resilience is the solution. It's a challenge but it's about overcoming yourself and saying that I am mentaly strong and I will overcome the situation. Mentoring sessions for faculty members could be organized. Professional psychologists should be conducting a few sessions. Atul sir will be conducting a free Yoga session for faculties.

15. Feedback from the faculty and the panel was taken at the end of the session.

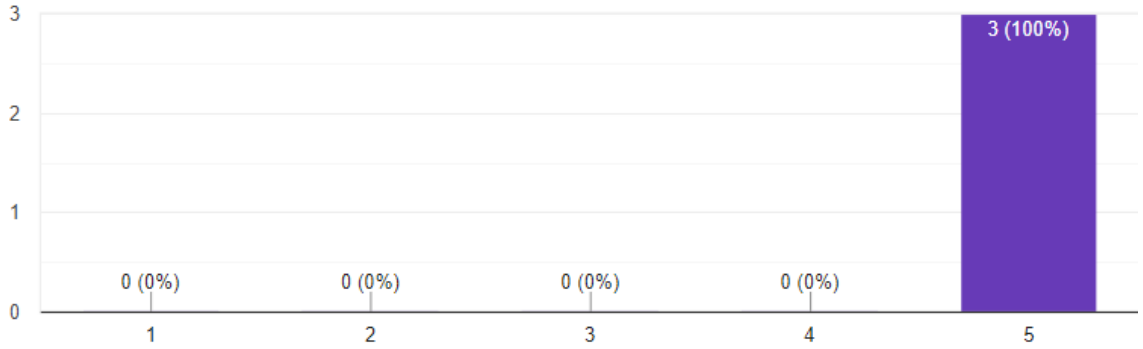
16. The meeting was closed by extending a heartfelt appreciation for every minute detail shared by the department and they were assured that a sincere effort to accomplish the suggestions effectively will be done by the department.

17. The meeting was concluded by extending vote of thanks to the members by Ms. Kalpita Wagaskar.

Feedback from Panel Members

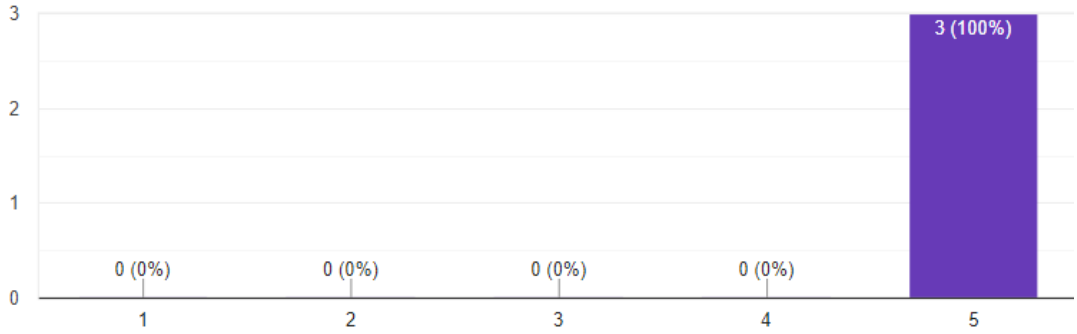
Vision, Mission and Program Specific Outcomes of Computer Department are in alignment with the futuristic industry and research trends.

3 responses



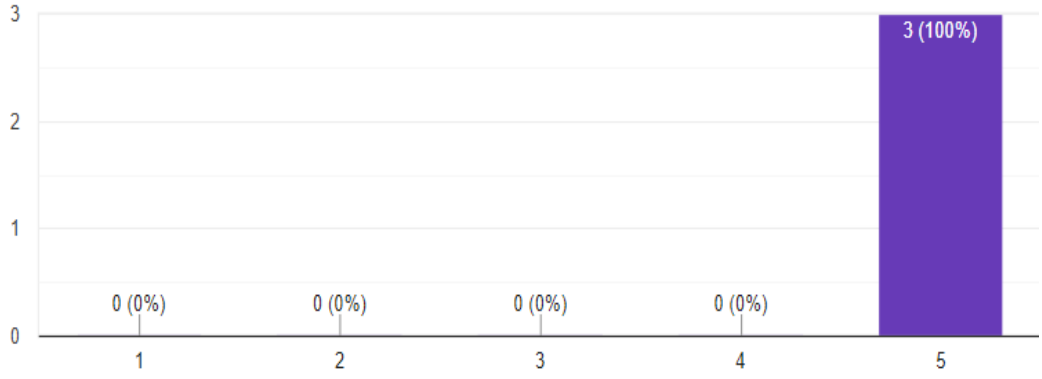
Overview of the Computer Department was adequately presented.

3 responses



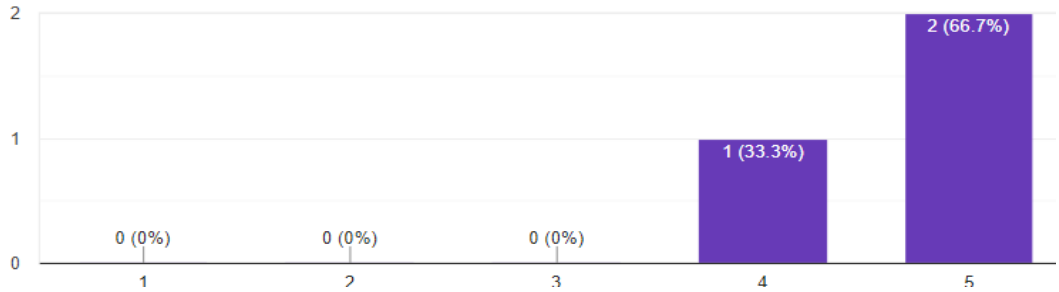
The agenda was well planned and organized and was intimated in advance.

3 responses



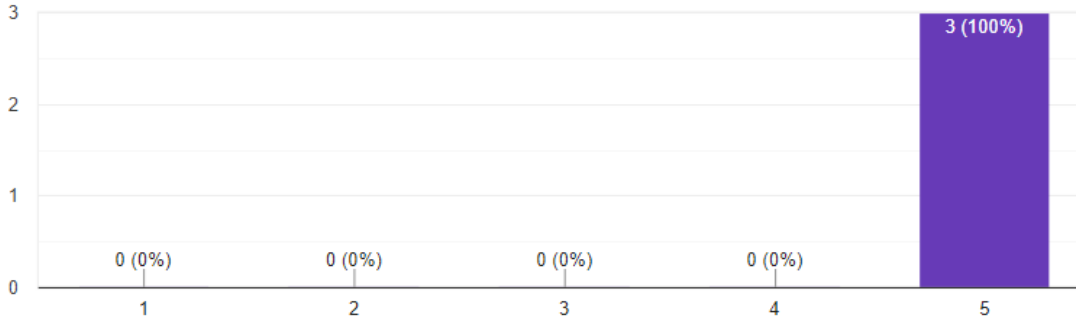
I felt all the activities/ events organized by department were very effective in maintaining quality standards.

3 responses



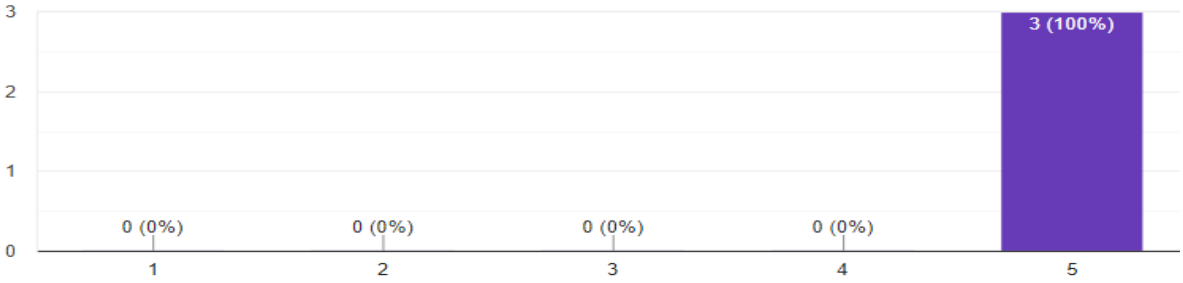
Faculty members had a chance to speak and make a contribution to the discussion.

3 responses



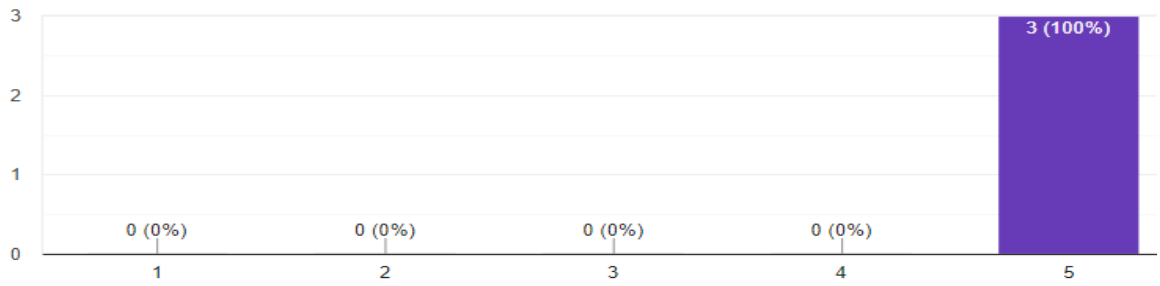
I felt my time and effort were well spent in serving as a member of this advisory council committee.

3 responses



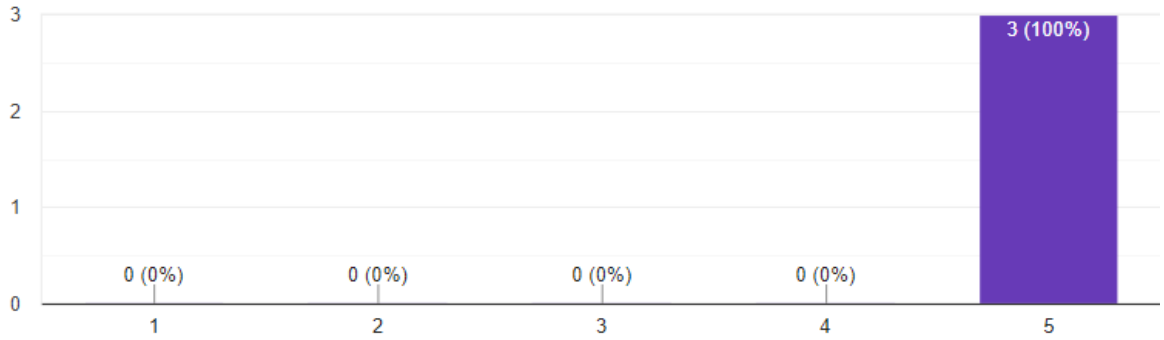
I felt the department is open to the suggestions / opinion of advisory panel.

3 responses



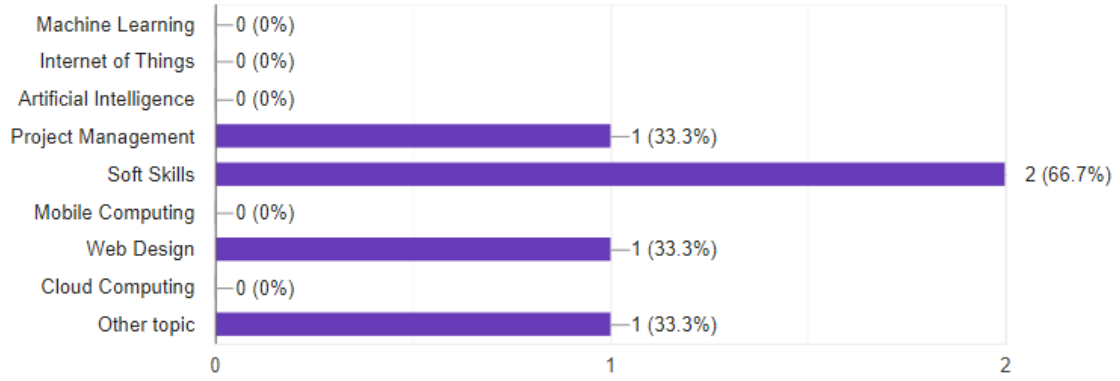
Suggestions given in the last meeting are well incorporated by the department.

3 responses



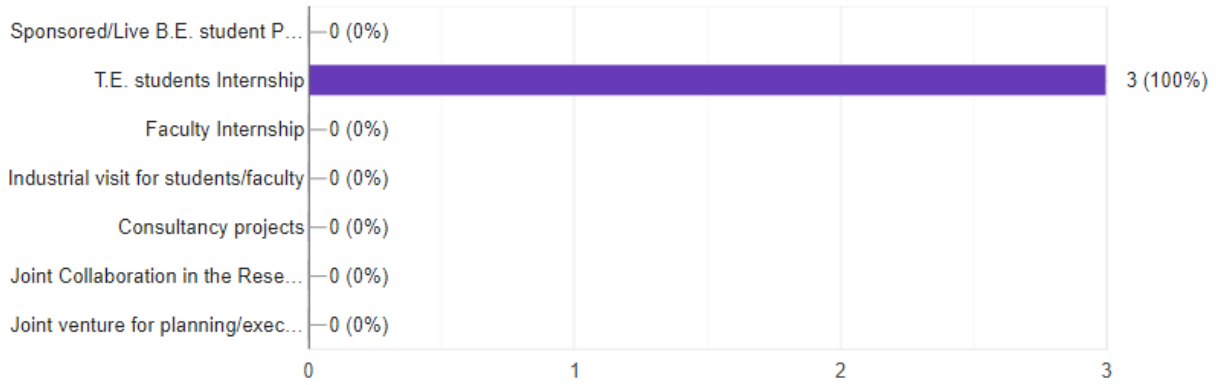
I am interested in delivering a session for the students on :

3 responses



I am interested in helping Computer department in the future in this/these areas.(Kindly tick your preference areas)

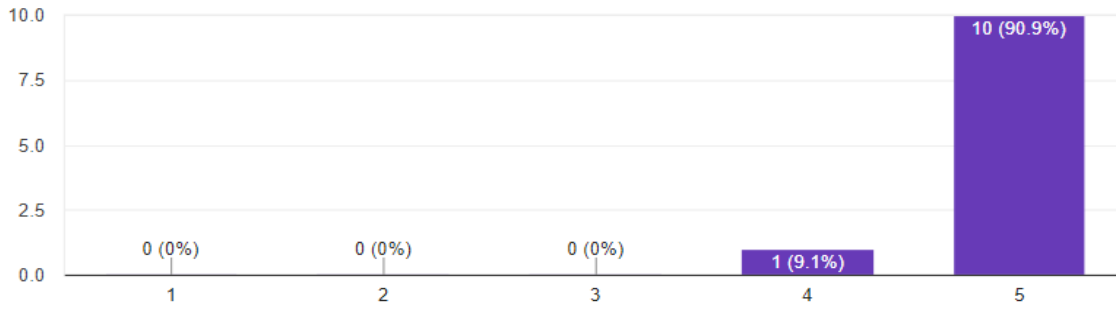
3 responses



Feedback from Faculty Members

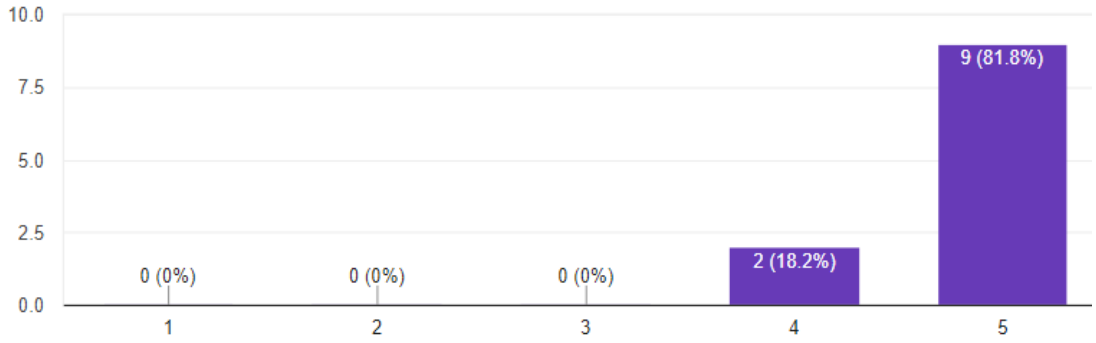
The inputs pertaining to Stress Management related to covid-19 were useful

11 responses



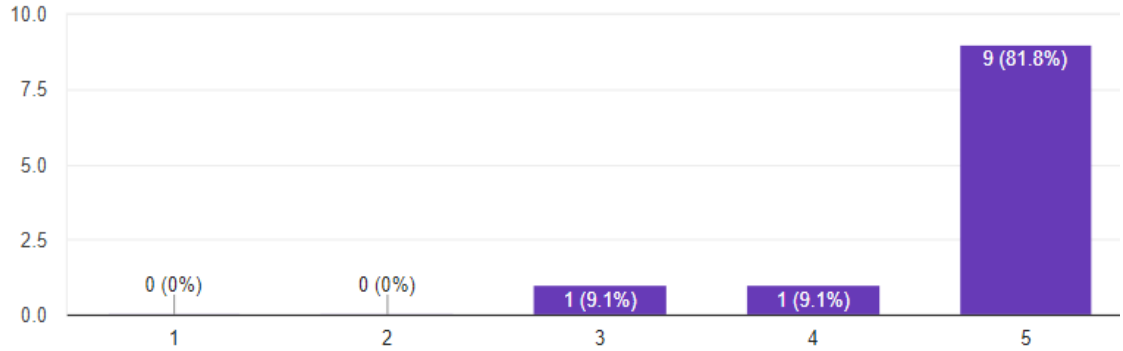
The inputs pertaining to Technical Progression were useful.

11 responses



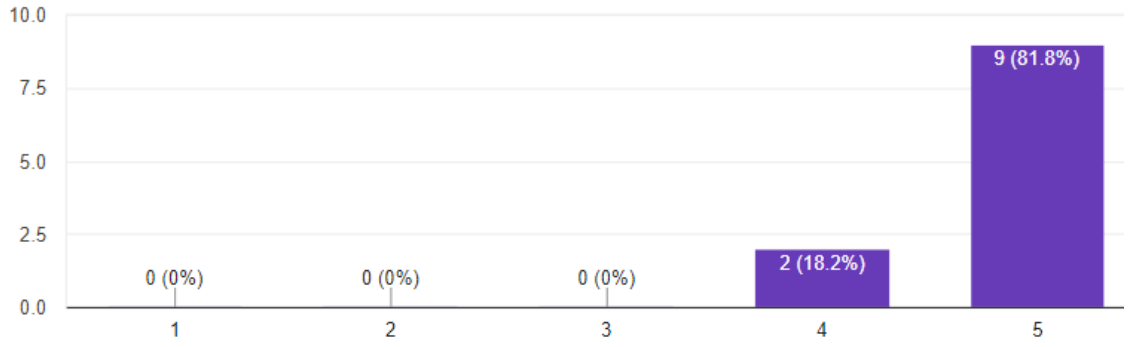
Useful guidelines were provided by the panel members regarding Counter measures to address covid-19 situation in education system and future initiatives

11 responses



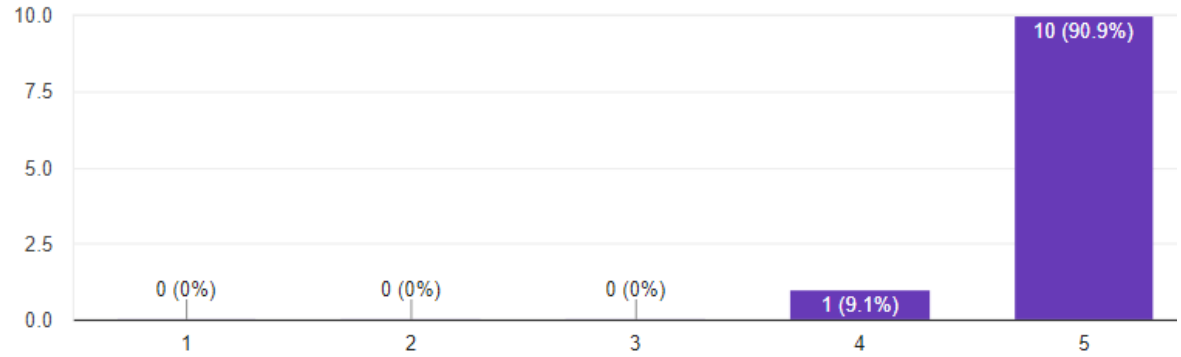
Useful suggestions were given Addressing Student needs

11 responses

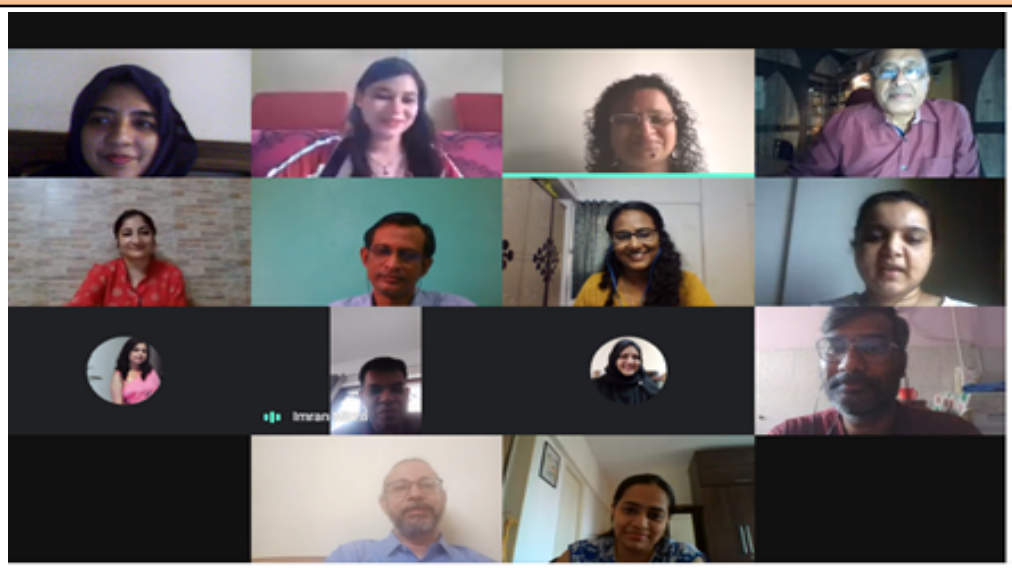


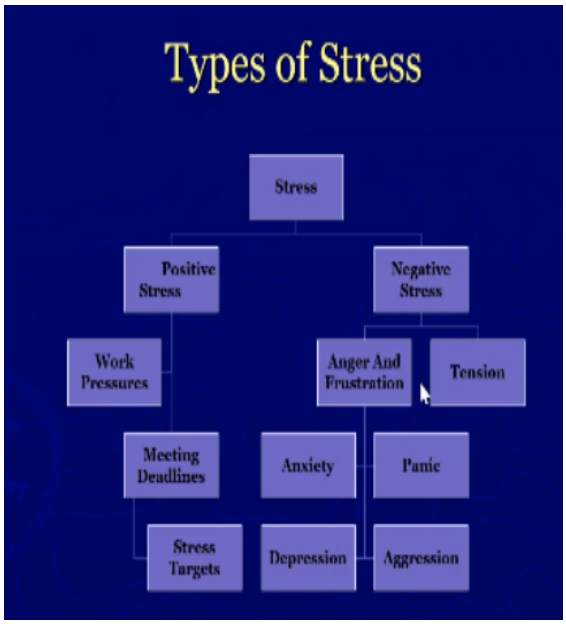
Good suggestions were given to improve the digital branding of the department (website a)

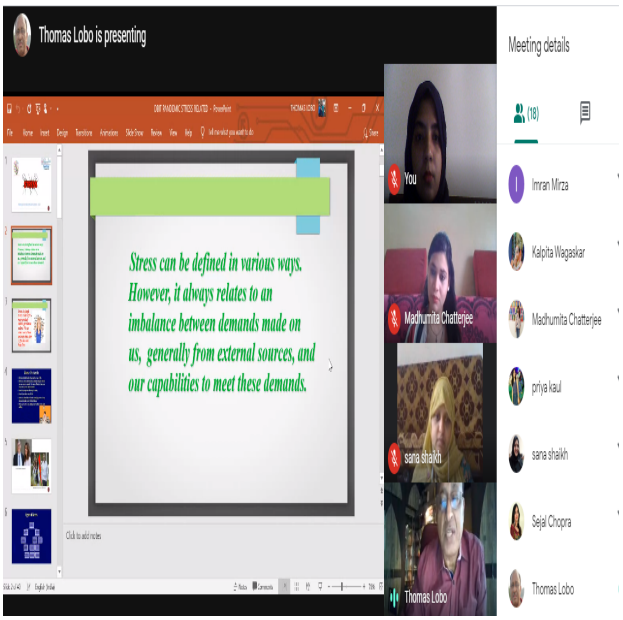
11 responses

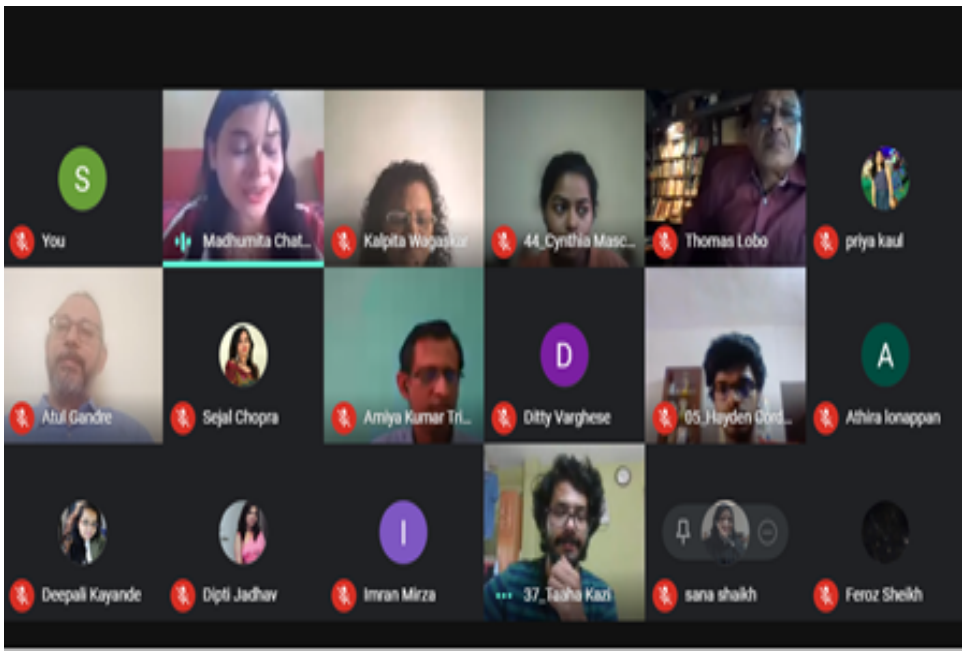


Screenshots of the Advisory Meet




Types of Stress
Stress
Positive Stress
Negative Stress
Work Pressures
Anger And Frustration
Tension
Meeting Deadlines
Anxiety
Panic
Stress Targets
Depression
Aggression


Thomas Lobo is presenting
Stress can be defined in various ways. However, it always relates to an imbalance between demands made on us, generally from external sources, and our capabilities to meet these demands.
Meeting details
(18)
Imran Mirza
Kalpita Wagaskar
Madhumita Chatterjee
priya kaul
sana shaikh
Sejal Chopra
Thomas Lobo
You
Madhumita Chatterjee
sana shaikh
Thomas Lobo


S
You
Madhumita Chat...
Kalpita Wagaskar
44_Cynthia Masc...
Thomas Lobo
priya kaul
Atul Gandre
Sejal Chopra
Amiya Kumar Tri...
D
Ditty Varghese
05_Hayden Cord...
A
Athira Ionappan
Deepali Kayande
Dipti Jadhav
I
Imran Mirza
37_Tasha Kazi
sana shaikh
Feroz Sheikh

Prepared By:
Ms. Shainila Mulla
Ms. Kalpita Wagaskar
(AAC Co-ordinators)

Approved By:
Ms. Sana Shaikh
(HOD – Computer, DBIT)