



## Don Bosco Institute of Technology, Mumbai

### DEPARTMENT OF COMPUTER ENGINEERING

Session 2021-2022 Odd Semester

- Meeting Date : Saturday, 2nd Oct 2021 @ 11:00 am to 1:30 pm
- Meeting Place : Zoom Meeting:  
<https://us02web.zoom.us/j/85281482008?pwd=RzNtU1Q1ZmIBZnFjQkM1ZFc4SGk4UT09>  
Meeting ID: 852 8148 2008  
Passcode: 280089

### Academic Advisory Council Report

#### Panel Members

1. Mr. Atul Gandre, Global Technology Head , TCS
2. Mr. Thomas Lobo, Roots2Wings Training Solutions
3. Mr. Sujeetkumar Sinha , Senior Technical Analyst , Colgate Business Services Pvt. Ltd

#### Attendees Present :

1. Dr. Krishnamoorthy (Advisor, DBIT)
  2. Ms. Sana Shaikh (Head of Computer Dept)
  3. Dr. Amiya Kumar Tripathy
  4. Dr. Phiroj Shaikh
  5. Mr. Imran Ali Mirza
  6. Ms. Sejal Chopra
  7. Ms. Kalpita Wagaskar
  8. Ms. Shainila Mulla
  9. Ms. Dipti Jadhav
  10. Ms. Deepali Kayande
  11. Ms. Ditty Varghese
  12. Ms. Priya Kaul
- 
1. The welcome address was given by Ms. Ditty Varghese (AAC Coordinator) extended a warm welcome to the advisory board committee members and a sincere gratitude was expressed towards all the members present for the meeting.
  2. Ms. Ditty also formally introduced all the panel members and DBIT Advisor Dr. S. Krishnamoorthy to the department.
  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 most of 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. Mr. Thomas also appreciated the efforts taken by the faculty members in attending the various Webinars/FDPs and STTPs and also have taken the initiative of conducting various sessions/talks for faculty members. He highlighted the achievements and congratulated the department w.r.t to their efforts.
7. Mr. Thomas Lobo and Mr. Atul 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 question was posted by Mr. Sujeetkumar Sinha. He wanted to understand how peer learning was incorporated in online mode by faculty members.
10. Ms. Sejal Chopra answered to this question indicating one of the ways to address peer learning was involving students in problem statements which were content beyond topics through practical sessions. Mini-projects are also a way of having peer learning sessions. Demonstration of concepts through role plays also did facilitate peer learning sessions.
11. Mr. Sujeetkumar Sinha further enquired how attitude building was taken care while grooming students.
12. Ms. Priya indicated that the first way of building their professional attitude was through their technical contribution on Github. Moreover the institute and the department ensures that there are many sessions taken for the students. But the only question which remained unanswered was how does the department evaluate that the outcome is achieved.
13. Mr. Atul Gandre added to this that it was not only the responsibility of the Institutes to groom the students but also Industry plays an important role in this.
14. Mr. Sujeet suggested it would be better to give appreciation to people who made videos for the department by attaching video credits at the end.
15. Mr. Atul mentioned since the IT and Computer industry is booming highly in India, the department should aim for higher packages, ensure 100% placements which can be done by approaching start-ups.
16. With online exams, Mr. Atul Gandre mentioned that most of the students were having good pointers but what was the strategy of the department to find truly bright students and assess their capability and scores.
17. Dr. Amiya said at the department level we ensure that Internal exam papers have questions which require critical thinking, we give them problem statements for projects/mini-projects according to their capability.
18. Dr. Krishnamoorthy presented his observations related to the department based on the previous AAC review. It was mentioned that the AAC 'no.' should be specified in the AAC minutes. He also presented his comments on the presentation and said it did not cover any technological trends which were suggested by the panel members in the last AAC like Django, AI, Security

Issues in Cloud etc.

19. It was also said that the presentation was a display of activity listing and not outcome based and that the video looked like a ppt slideshow with no visuals.
20. It was reminded that the department needs to continue the SEAD journey. He also specified that there are three tracks in which departments should align themselves which are Academic, Aspirational and Wellness tracks.
21. With respect to the placement statistics, Dr. Krishnamoorthy mentioned that since the market demand is high , the department should ensure 100% placement and focus on making all the students employable irrespective of their cgpa.
22. It was suggested that the department can make use of skill frameworks as provided by SFIA and customize the available frameworks as per the needs of the department or the college to achieve solutions to the problem in hand.
23. After all the panel members presented their reviews, Ms. Priya presented the detailed process undertaken for implementing the mini project course and also the structure of the Project Development course to be floated additionally for the benefit of students in the department.
24. Dr. Krishnamoorthy presented his feedback by saying objectives of the Mini project course should not be teacher centric whereas it should highlight on learnings and it should be measurable and that outcomes should focus on project areas (where society/research needs are present) and not problems.
25. It was also mentioned that courses floated should be as per ISO Education standards as that listed by coursera. Courses on project management tools should be included.
26. Mr. Atul enquired why a course like this is needed and to that many faculty members explained that this course would facilitate mini projects execution in the department. After listening to all the replies, Mr. Atul concluded that the Project Development course could be considered as a pilot for this semester and later it can be modified to mitigate the challenges faced.
27. Further he also made a suggestion made with respect to Mini-Projects and final year projects that it should be linked together in such a manner that a start-up product may emerge at the end of the final semester.
28. After Mini project discussion, the second agenda for the meeting was presented by Dr. Phiroj which was NIRF and expected inputs on measures that could be taken by the department to improve the ranking.
29. Mr. Thomas appreciated the detailed presentation regarding NIRF and congratulated the institute for the current ranking and also specified that there are some flaws in the NIRF ranking system and these observations should be sent to MHRD. He also mentioned that the previous gaps should be addressed and an appropriate action towards bridging the gap.
30. After this the discussion got over and HOD Ms. Sana Shaikh requested everyone to put on their camera for a group picture.
31. Meeting was concluded by Ms.Sejal Chopra proposing the vote of thanks and requested all the panel members to fill in the feedback form posted in the chat box.

## AAC members concerns and recommendations:

### *Plan-Do-Check-Act (based on previous AAC meet held on 15th May 2021)*

Sr. No.	Recommendations/ Strategies/ Inputs received from AAC Members	Action Taken and Faculty incharge	Current Status/ Progress	Any Further Plan	Results/ Outcomes
1	Skills that are being looked during placements are creativity, communication skills, attitude and flexibility to learn	1. Session on “Effective Communication skills” for SE Computer students Speaker: Deepali Organizers: Priya & Sana	in process	more sessions planned	Overall grooming
2	Mentoring sessions for faculty members could be organized. Professional psychologists should be conducting a few sessions	Yoga session - “Ease Yourself With Yoga” for DBCL faculties and students  Expert: Mr. Atul G. Organizers: Sejal & Sana	Completed	-	awareness about physical well-being
		2. Session on “Motivation, Stress and Impact of Online Teaching on Teachers mental health during COVID-19” for Faculties.  Speaker: Linda D. Organizers: Dipti & Sana	Completed	-	awareness about mental well-being
3	Digital presence in today's world is defined by video platforms. Start making short videos about your department	Short videos made for Computer department Coordinators: Priya & Sana ----- Short videos made for ACM student chapter Coordinator: Sana	Completed	as and when needed	branding of the department
4	Develop an educational app where the content is freely available to students are facing a financial crisis.	Conducted many workshops, webinars and its recordings available with all.	in process	Planning to have sessions on emerging technologi	Developing technical skills

		Coordinated by : All Faculties		es such as Fullstack Applications, Django framework, React Js, Docker, Python, Cloud base technologies etc.	
5	Focus from big companies to start-ups, as smaller companies would be more open to working with students	BE Project - Sequelstring Pvt. Ltd. (Start-up) in joint association with DBIT  Coordinators : Dr. Amiya K. T. and Priya Kaul ---- ACM team developed one app "The Botanist" for Eosphorus Media Coordinator : Sana Shaikh	in process  ---- Completed	Exploring more opportunities	Industry-Academia Association
6	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	Time Table (considered student's preferences) Class-wise : ensuring balancing of work assignments to students During Q and A session - Ensuring Students camera is on 1:1 Mentoring process completed - twice in a semester Conducted PTA meet - Involved them in Peer Learning, Role play activities  Coordinated by: All Faculty	Completed	Continuing for new batch	Responsive to the needs of students and parents

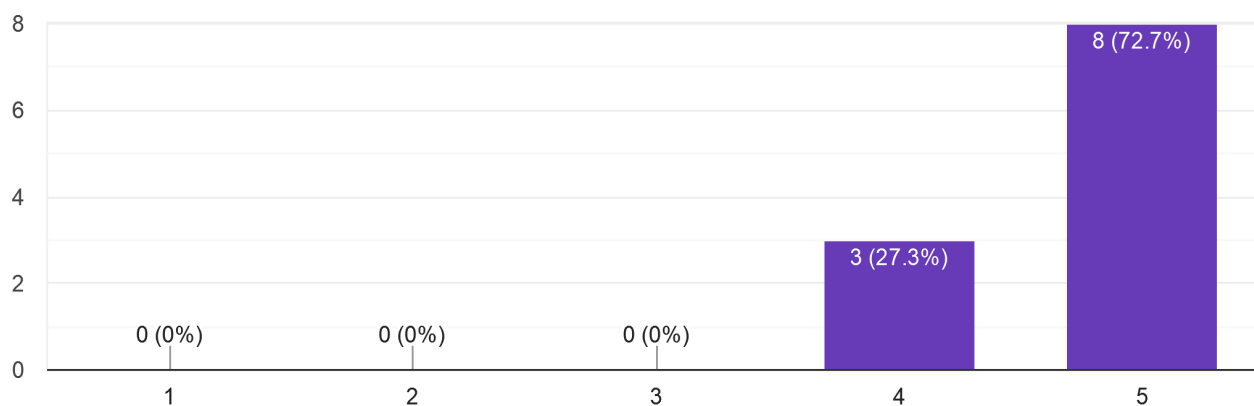
## Feedback from Panel Members

Feedback (1:Low to 5:High)	Mr. Atul Gandre	Mr. Thomas Denis Lobo	Sujeetkumar Sinha
Vision, Mission and Program Specific Outcomes of the Computer Department are in alignment with the futuristic industry and research trends.	5	4	5
Overview of the Computer Department was adequately presented.	5	5	4
The agenda was well planned and organized and was intimated in advance.	5	5	3
I felt all the activities/ events organized by the department were very effective in maintaining quality standards.	5	5	4
Faculty members had a chance to speak and make a contribution to the discussion.	5	5	5
I felt my time and effort were well spent in serving as a member of this advisory council committee.	5	5	4
I felt the department is open to the suggestions / opinion of the advisory panel.	5	5	5
Suggestions given in the last meeting are well incorporated by the department.	5	5	4
I am interested in delivering a session for the students on :	Machine Learning, Artificial Intelligence, Other topic	Soft Skills	Cloud Computing
I am interested in helping Computer department in the future in this/these areas.(Kindly tick your preference areas)	T.E. students Internship	Faculty Internship	Sponsored/Live B.E. student Project

## Feedback from Faculty Members

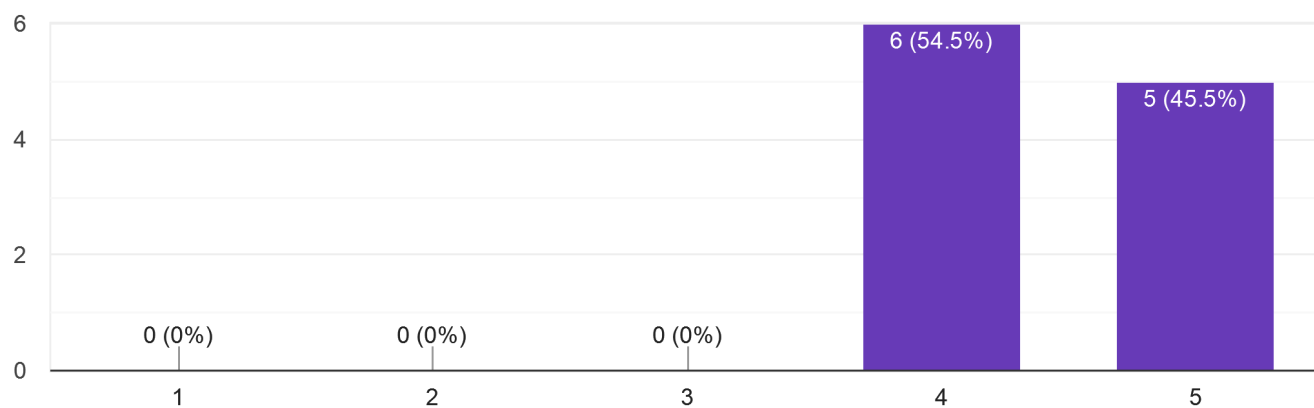
The inputs pertaining to Project based learning through Mini-Project course were useful

11 responses



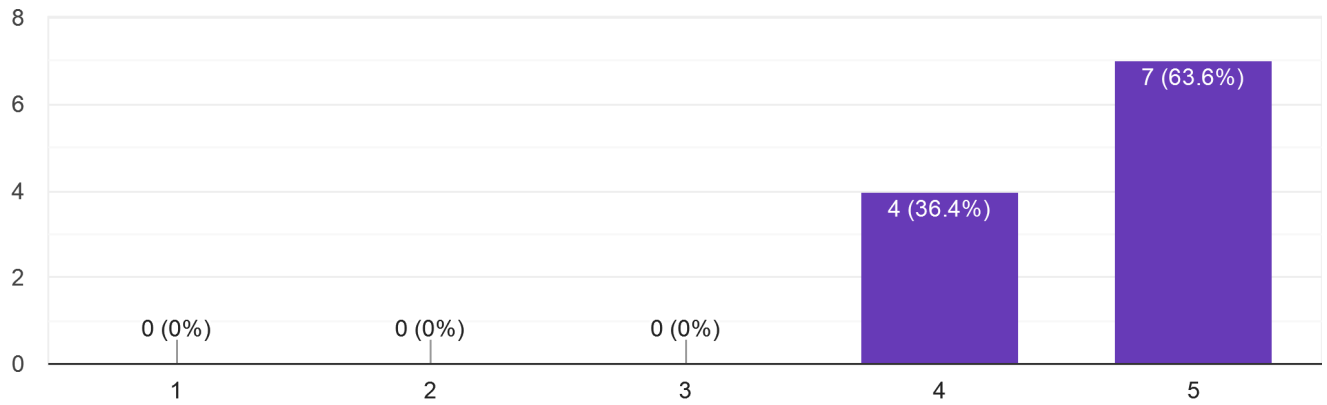
The inputs suggested for improving scores in Accreditation processes (NIRF, NBA, NAAC etc.) were useful.

11 responses



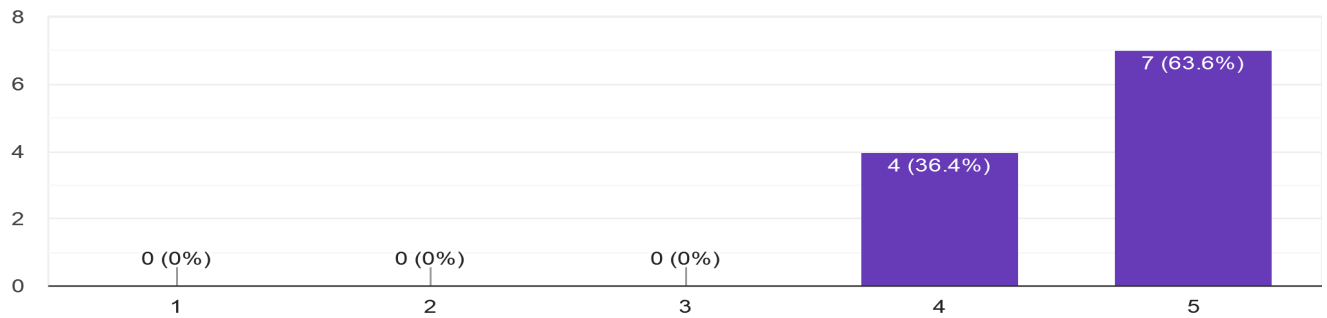
### Good suggestions were given to improve the growth of the department

11 responses



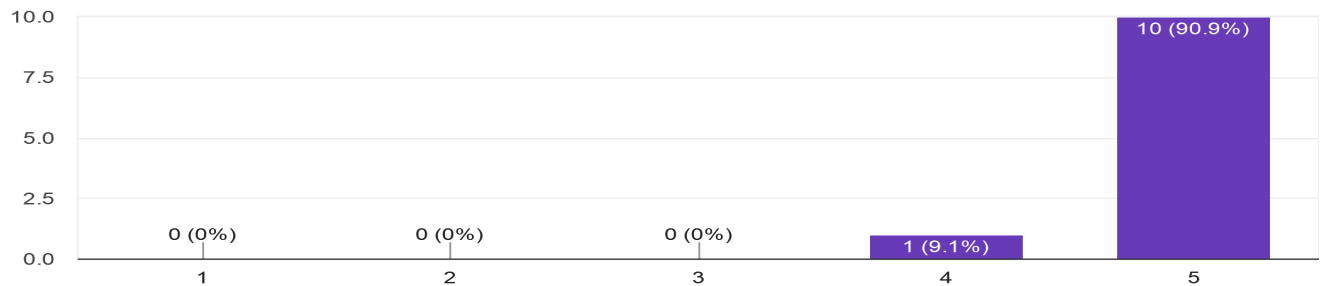
### Useful suggestions were given for queries raised by faculties.

11 responses



### The agenda of the AAC meet was well structured

11 responses



**Suggestions - if any** 3 responses

**Well designed and executed**

**time for Question n answers session from advisors could have been more.**

**No**



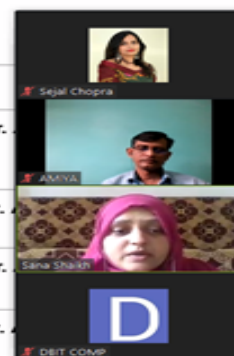
## Screenshots of the Advisory Meet



## Department Activities

### Seminars/ Webinars/ Workshops organized by the department:

Topic	
Organize a webinar on <b>"Ease Yourself With Yoga"</b> on the eve of "International Yoga Day", 21st June 2021, for the faculty and students of Don Bosco Institute of Technology and Don Bosco College.	Mr. ...
Organized Guest session on <b>"Big data analytics and Security mechanism for Service Change"</b> on 3rd Sept 21.	Dr. ...
Organized a webinars on <b>"Basics of IPR and Indian Patent Filing"</b> on 15th and 16th July '21."	Mr. ...
Organized a webinar on <b>"How to find and read Research Papers for Literature Review"</b> on 9th August 2021.	Dr. ...
Organized an Alumni Webinar on <b>"Career Opportunities and Choices"</b> on 25th September 2021.	Ms. Madhumita Chatterjee
Organized Mentoring session on <b>"Motivation, Stress and Impact of Online Teaching on Teachers mental health during COVID-19"</b> on 28th September 2021	Ms. Linda Dhakul



## Academic Advisory Committee's Plan of Work

Sr. No	Recommendations/ Strategies/ Inputs received from AAC Members	Action Plan		Faculty Incharge	Expected Results/ Outcomes
		Strategies/ Steps	Target Date		
1	To gauge the effectiveness of peer learning sessions	Feedback on peer learning assignments	Dec'21	All	Developing responsible and autonomous learner, creating collaborative learning environment
2	Incorporating Github for collaborative work and monitoring purpose	All SE students will use Github to manage their mini-project	Dec'21	Ms. Priya K	systematic project management, creating collaborative learning environment
3	Skill training sessions (as per market trends) for better employability and as a differentiator for the department	Expert sessions/training on topics like AI, Django, Flash, Security in cloud etc.	May'22	All	Skill development
4	Rubrics for mini-project assessment as per ISO document	Drafting rubrics as per ISO standard	Dec'21	Dr. Amiya ,Dr. Phiroj, Ms. Sana, Ms. Priya	well defined assessment model
5	Inclusion of Project management tools in the mini-project course	Project management tool to be included in the project development course	Dec'21	Dr. Amiya ,Dr. Phiroj, Ms. Sana, Ms. Priya	well defined course syllabus
6	Identify gaps in NIRF and working towards it	Gap identification process	May'22	Dr. Phiroj	Better ranking in NIRF

**Prepared By:**

Ms. Ditty Varghese

Ms. Sejal Chopra

(AAC Co-ordinators)

**Approved By:**

Ms. Sana Shaikh

(HOD – Computer, DBIT)