THAKUR COLLEGE OF
ENGINEERING & TECHNOLOGY
Autonomous College Affiliated to University of Mumbai
Approved by All India Council for Technical Education(AICTE) and Government of Maharashtra(DoM)
Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. A.Y 2019-20
ICO 9001:2015 Certified ~ Programmes Accredited by NBA, India Ranking 2019 in Engineering College category
Institute Accredited by National Assessment and Accreditation Council (NAAC), Bangalore

Date: 15/06/2021

Minutes of Student Exchange Program Principal Meeting held on 4ᵗʰ June 2021 at 03:00 PM through Zoom online platform.

Purpose of the meeting: To strengthen Student Exchange Program

Agenda:
1. To brief about Student Exchange Program AY 2020-21.
2. Planning for upcoming Student Exchange Program of AY 2021-2022 (Odd Semester).
3. Enhancing the participation of students and faculty in Faculty Development Program and Students Development Program organized by Partner Institutes.
4. Cultural exchange activities in online/offline mode.
5. Sharing of valuable inputs to strengthen student exchange program.
6. Starting of collaborative work
7. Any other point with the permission of the chair

The following dignitaries were present for the meeting:

Sr. No	Name of External members	Designation and Institute
1.	Dr. Madheswaran M.	Principal, Muthayammal Engineering College, Tamil Nadu, India.
2.	Dr. Jayant Kittur	Principal, KLS Gogte Institute of Technology, Belagavi, Karnataka
3.	Dr. J.V.R Ravindra	Principal, Vardhaman College of Engineering, Hyderabad, Telangana
4.	Dr. Avnl Sharma	Dean Academics, Gandhi Institute of Engineering and Technology University, Odisha
5.	Mrs. Ujwala Tambe	Student Exchange Program Coordinator, Maratha Vidya Prasarak Samaj's Karmaveer Baburao Ganpatrao Thakare College of Engineering, Nashik, Maharashtra
6.	Mrs. Uma Maheswari V	Student Exchange Program Coordinator, Dept of CSE Vardhaman College of Engineering, Hyderabad (Telangana).
7.	Mr. Abhishek Nazare	Student exchange program coordinator, KLS Gogte Institute of Technology, Belagavi, Karnataka
8.	Dr. N. Suthanthira Vanita	Student Exchange Program Coordinator, Muthayammal Engineering College, An Autonomous Institution, Rasipuram, Namakkal
9.	Dr. Rajnesh Kumar	Student Exchange Program Coordinator, Department of Mathematics, Government

10.	Dr. Radhakrushnapadhi	Engineering College Nawada, Bihar
		Student Exchange Program Coordinator, Chemical Engineering Department, SOET, Gandhi Institute of Engineering and Technology, Odisha
11.	Dr. Sibi Shaji	Registrar, Garden City University, Bangalore
12.	Dr. Mary Binu T.D	Assistant Professor, NAAC Coordinator School of Indian & Foreign Languages Garden City University
13.	Mrs. Sanchaiyata Majumdar	Representative, Garden City University, Bangalore
14.	Mrs. Sheeja M S	COE, Garden City University, Bangalore

Sr. No	Name of Internal members	Designation
1.	Dr. B. K. Mishra	Principal
2.	Dr. Lochan Jolly	Dean SSW
3.	Dr. Megharani Patil	Activity Head-NIP
4.	Mr. Loukik Salvi	NIP faculty Co-Ordinator Computer Engineering Department
5.	Ms. Amruta Gokhale	NIP faculty Co-Ordinator Mechanical Engineering Department
6.	Mr. Rahul Neve	NIP faculty Co-Ordinator IT Engineering Department
7.	Mr. Arpit Vyas	NIP faculty Co-Ordinator Civil Engineering Department
8.	Mrs. Jalpaben Bhatt	NIP faculty Co-Ordinator ELEX Engineering Department

Welcome to all the members present:

Dean-SSW, Dr. Lochan Jolly started the meeting by welcoming all the participants. She briefly explained about the 9 partner colleges. Later, she welcomed Principal Dr. B. K. Mishra and requested him to give the opening remarks for the meeting.

The Principal welcomed everyone again and briefed about the student exchange program which was started before 2 years. He also mentioned that this virtual meet was a step ahead taken after his interaction with Principals of participating colleges and thanked the members for giving their consent for the meeting despite their busy schedule. He mentioned that TCET is working for diversity and inclusiveness that has the mandate given under "Ek Bharat Shreshtha Bharat" by AICTE. The student exchange program is an initiative of the same and is very important for the institute like ours where we have more than 90% local students.

He talked about the need of virtual meet and the student exchange program.

As physical activities are not possible or feasible in current scenario of pandemic, the virtual platforms have been identified to conduct the joint sessions, cultural exchange, student development program etc through collaborations with institutes. He also mentioned that post-COVID, the regular activities in physical format can be started. He described the agenda of the program in brief. Later, the formal introduction of representatives from each institute took place.

1. Dr. Madheswaran M, (Principal, Muthayammal Engineering College - An Autonomous Institution, Tamilnadu, India).
2. Dr. JVR Ravindra, (Principal, Vardhaman College of Engineering, Hyderabad, Telangana)
3. Dr. Jayant Kittur, (Principal, KLS Gogte Institute of Technology, Belagavi, Karnataka).
4. Dr. Avnl Sharma, (Dean Academics, Gandhi Institute of Engineering and Technology University, Odisha)
5. Dr. Mary (Representative, Garden City University, Banglore).
6. Mrs. Ujwala Thambe (Student exchange program coordinator, Maratha Vidya Prasarak Samaj's Karmaveer Baburao Ganpatrao Thakare College of Engineering, Nashik, Maharashtra)

Other members include:
1. Mrs. Uma Maheswari V, Student Exchange Program Coordinator, Dept of CSE Vardhaman College of Engineering, Hyderabad (Telangana).
2. Mr. Abhishek Nazare, Student exchange program coordinator, KLS Gogte Institute of Technology, Belagavi, Karnataka
3. Dr. N. Suthanthira Vanita, Student Exchange Program Coordinator, Muthayammal Engineering College, An Autonomous Institution, Rasipuram, Namakkal
4. Dr. Rajnesh Kumar, Student Exchange Program Coordinator, Department of Mathematics, Government Engineering College Nawada, Bihar
5. Dr. Radhakrushnapadhi, Student Exchange Program Coordinator, Chemical Engineering Department, SOET, Gandhi Institute of Engineering and Technology, Odisha
6. Dr. Sibi Shaji, Registrar, Garden City University, Bangalore
7. Mrs. Sanchaiyata Majumdar, Representative, Garden City University, Bangalore
8. Mrs. Sheeja M S, COE, Garden City University, Bangalore

All the representative members were happy to associate with TCET and they were interested to strengthen the platform with some proper branding.

The Principal thanked all of them for enthusiasm and interest shown by the representatives of institutes. Later, he handed over the session to Dr. Megharani Patil for further proceedings as per the agenda of the meeting.

Agenda	Details

1	**To brief about Student Exchange Program AY 20-21.** **Points Discussed:** Thakur College of Engineering and Technology started this student exchange program in the academic year 2019-20. In this academic year, various programs were conducted such as GUSTO-Online Cultural Event, E-techno fest-20, and one-week online internship on ML, IOT, and WEB development. Total 26 students from partner colleges successfully completed these programs. In AY 20-21, the student exchange programs were conducted such as Academic exchange (Online workshop and collaborative research activity) for 7 different tracks; VLSI, MidasGE, AWS cloud, IOT, Leadership Development, Basic of Solidworks. This program was held in Odd semester of AY 20-21 from 12th Sept to 7th Nov 2020. This included 3 days' workshop with 2 hours of session and 1 hour of group discussion for each day followed by 6 weeks collaborative Research Activity. Total 57 students from partner colleges completed these programs successfully. In the even semester of AY 20-21 from 25th January to 17th April 2021, Academic Internship Program (In-house internship with industry collaboration) for 4 different tracks were held. The four tracks were Web Development, Smart Solutions using Arduino, Drawing of Machine Parts using AutoCAD, Building Drawing using AutoCAD-2D and 3D. There were 5 days' training sessions of 3 hours each; 2 hours for session and 1 hour for group discussion. Total of 12 assignments having 3 to 4 hours' duration and 1 for each week. Total 80 students from partner colleges successfully completed these programs.
2 & 3	**Planning for upcoming student exchange programs of AY 2021-2022 (Odd Semester).** **Points Discussed:** Dr. Madheswaran M. suggested that we can have workshops and seminars as it is not possible to interact or visit industries in this pandemic and lockdown situation. These workshops could be conducted for a day or two. Apart from this, webinars can be arranged from partner colleges as an exchange program. Digital platform has made it very convenient to conduct and attend such events. Hence, use of technology should be strengthened in this sector. More collaborations with colleges should be encouraged. Joint programs with dedicated slots in curriculum can be introduced. Collaborative projects or research paper writing or book writing can be introduced and encouraged among students and faculty members. He explained about the 4I Mantra that can be used into teaching, which stands for: I – Inspire- Students of 1st year should get inspired about different programs and opportunities I – Involve- 2nd year students can be involved into different programs and

studies

I – Implement- 3rd year students shall implement their knowledge

I – Innovate – 4th years students should be motivated to innovate technology or products etc.

Dr. JVR Ravindra also agreed to have common programs as an exchange program. He suggested that students from 1st year should be given preference as it will help them to decide which platform is good for them in future. He has also informed that statistically 60 to 65% FE students do not have clarity about their desire and plans to do in future. Whereas, some students have a clear idea about what they want to do but they are disappointed due to not getting admitted in the course of their interest. He mentioned that essence of sessions on recent technologies should be informed to students so that they can understand the importance of the subjects.

Major concern according to all participants is to make students aware about emerging technologies. It is required to make them understand about different programs as such Data Science, Artificial Intelligence etc. Programs like Data Science, AI require expertise. Earlier, such programs were for short term and not they have become full time courses. Therefore, it is required to encourage them to learn and master these recent technological developments.
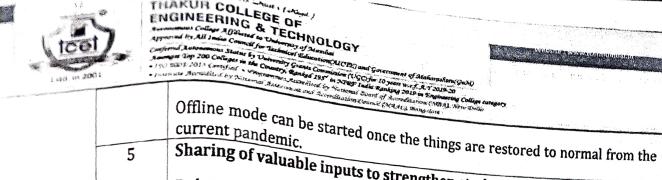
Dr. Jayant Kittur suggested that induction programs should be conducted for 1st year students by faculty members from partner colleges for brainstorming students about the recent developments and requirements in the technology sector. Virtual labs are introduced in almost all institutes and therefore, it is required to collaborate with virtual labs which can give students different hands-on experiences and can enhance their knowledge. Inter-collegiate Hackathon or the project competition can also be conducted for improving the participation of students at national and international events.

| 4 & 6 | Cultural exchange activities in online/offline mode. |

Points Discussed:

Different cultural events can also be organized virtually or online such as Dance, Music, Singing etc. It could be live or students can record and upload. Different social media platforms such as TikTok, online gaming, YouTube, etc can be utilized for bringing students at one platform and showcase their talent other than academic activities.

Students can participate in various group discussion competitions, essay competitions and other intellectual competitions. There could be exhibitions of their work and achievements.

Suggestions like cultural group formation, NSS activities, formation of various committees & clubs for arranging such events was put forward by Dr. Radhakrushnapadhi.

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Programmes Accredited by National Board of Accreditation (NBA), New Delhi

	Offline mode can be started once the things are restored to normal from the current pandemic.
5	**Sharing of valuable inputs to strengthen student exchange program.**
	Points Discussed:
	Instead of just focusing on inter-college or intra-college collaborations, collaborations between the departments of the partner colleges can also be motivated which will lead to channelize various innovative ideas to flow both ways helping in the overall development of the departments and colleges eventually. Moreover, this will help the multidisciplinary aspects to take center stage.
	Understanding between the departments can also be developed for online courses particularly in the area of electives and major/minors. Students can work on collaborative projects with heterogeneous group.

Conclusive Remarks:

- Active participation from students can be witnessed. – Dr. Jayant Kittur

- Statistical discussion should happen to decide on further action – Dr. Madheswaran M.

- Parallel activities should be conducted; Overall good initiative. – Dr. Radhakrushnapadhi

- This is a right way to go forward. – Dr. Mary Binu T.D

- Good going; There should be meetings of such manner for review; collaboration is important for DST projects – Mrs. Ujwala Tambe

Towards the end, Principal Dr. B.K. Mishra invited all the members to join one day online national Symposium on Technology Vision 2035: An Educational Perspective scheduled on 26th June 2021, where multiple tracks, panel discussions and Mini Coffee Table Conferences are arranged.

The meeting was ended with a vote of thanks by Dr. Lochan Jolly to all members present.

(Dr.B.K.Mishra)
Principal