

**Minutes of 6<sup>th</sup> Academic Council Meeting**  
**Date: 17<sup>th</sup> October 2020, 2:30 pm – 5.30 pm**  
**Venue/Platform: Online Meeting on WebEx**

**The 6<sup>th</sup> Academic Council Meeting was held on 17<sup>th</sup> October 2020, 2:30 pm onwards online mode and the following members were present:**

1. Prof. B. B. Ahuja	Chairman
2. Mrs. N. V. Iyer	Member
3. Prof. M. S. Randive	Member
4. Dr. (Mrs.) V. Z. Attar	Member
5. Dr. S. P. Mahajan	Member
6. Dr. D. N. Sonawane	Member
7. Dr. K. V. Dalvi	Member
8. Prof. N. R. Nandgaonkar	Member
9. Prof. S. P. Butee	Member
10. Dr. P. D. Pantawane	Member
11. Dr. R. B. Kamble	Member
12. Prof. M. S. Sutaone	Member
13. Prof. (Mrs.) P. P. Rege	Member
14. Prof. S. T. Vagge	Member
15. Dr. V. N. Pande	Member
16. Dr. Praveen Kumar	Member
17. Dr. Vishwas Udpikar	Member
18. Dr. Sachin Lodha	Member
19. Dr. Sudhir Ghorpade	Member
20. Dr. Salil S Kulkarni	Member
21. Dr. Aditya Abhyankar	Member
22. Dr. Suresh Gosavi	Member
23. Dr. Amol Patil	Member
24. Dr. S. D. Limaye	Member
25. Dr. Anil Kulkarni	Member
26. Prof. S. N. Sapali	Invitee
27. Dr. Sanjay Kumar Sonar	Invitee
28. Dr. (Mrs.) Leena Jadhav	Invitee
29. Banerji Arunimaa	Invitee
30. Pallavi Umesh Buwa	Invitee
31. Subham Kumar Gupta	Invitee
32. Kanhaiya Agrawal	Invitee
33. Mrudula Sunil Sawaikar	Invitee
34. Gatne Shreya Vaibhav	Invitee
35. Prof. (Mrs.) Jibi Abraham	Member Secretary



## Agenda

Item. No.	Item
	Formal Welcome of all the members of Academic Council and round of introduction by the Honorable Director, Prof. B. B. Ahuja
1	Confirmation of the Minutes of the 5th Academic Council meeting held on 20th June 2020
2	Presentation of Examination Results and the Analysis of Graduating Batches of AY 2019-20: All UG and PG Programmes by Controller of Examinations
3	Seeking Approval for the list of Branch-wise Toppers and Rank Holders: All UG Programmes
4	Presentation of Proceedings of Internal Quality Assurance Cell (IQAC) by Dean Quality Assurance
5	Presentation by HoD on details about new PG Diploma programmes on : a. Data Science and Artificial Intelligence from Dept of Computer Engineering and IT b. Product Design and Manufacturing from Dept of Manufacturing Engineering and Industrial Management
6	Seeking approval for revising Academic Calendar 2020-21 by Dean Academics
7	Proposal to start new M.Tech Programme in Transportation Engineering from HoD of Civil Engineering Dept
8	Any other point with permission of the Chair. a. Re-introducing Mini-Project Course in M.Tech (Thermal Engineering) by HoD, Mechanical Engineering.

The 6th Academic Council meeting commenced with the formal welcome of all the members of the Academic Council by the Director, Prof. B. B. Ahuja. He informed the members that the academics for 3rd, 5th and 7th semesters have already started and a three credit course has four sessions of 45 minutes each every week. Out of these four sessions, the last session is exclusively reserved for revision. Prof. Ahuja further informed the members that the examinations of the 8th semester students have been conducted as per the guidelines given by the Government and the University. The MKCL platform was used to conduct the ESE. The students took this examination from home. All the Academic Council members were requested to kindly approve the list gold medallists so that their names are presented in front of the board of governors. He further stated that the gold medallists will receive their results in person whereas the remaining students will attend their graduation ceremony online. Prof. Ahuja briefly discussed the agenda of the meeting and then requested the Dean Academics, Prof. Jibi Abraham to begin with the meeting.




**Item -01: Confirmation of the Minutes of the 5<sup>th</sup> Academic Council meeting held on 20<sup>th</sup> June 2020**

The minutes of the 5th meeting of the Academic Council held on 20th June 2020 were placed before the members for confirmation and approval. She also presented the action taken report in front of the Academic Council members.

The major focus of the 4th Academic Council was on modified academic plan for the even semester of AY 2019-20. For lower semesters (2nd, 4th and 6th semesters of UG and 2nd semester of PG), pending Test 2 in some cases was conducted in Online-off campus mode. Also, Online-off campus Oral Test (OOT) was conducted for the Laboratory courses considering the syllabus completed till 14th March, 2020. The End Semester Examination for ALL the theory courses were not held and the marks were replaced with Pro-rata marks derived from the SGPA of immediate past semester. The results were declared on 12th July, 2020. For Final Year (BTech-8th Sem and MTech-4th Sem), Students took one hour Proctored Online off-campus End Semester Examination (POE) on MKCL platform for 60 marks from 29th September to 11th October from home for all theory courses conducted. Results for BTech-8th Semester and MTech/M.Planning 4th Semester were announced by 14th October 2020.

Prof. Jibi Abraham informed the members that an Infrastructure Survey was carried out mandatory for all UG/PG students before commencement of odd semester Credit registrations for AY 2020-21. Furthermore, for every 20 students, a Faculty Mentor is assigned to regularly monitor and advise them on their academic and other performances. Counselling students in Covid period is the main purpose. The institute procured the CISCO-Webex licenses for each faculty to use for teaching remotely in conjunction with the MOODLE platform. She also mentioned that 168 Faculty undertook a one week course from 27th July to 1st August 2020 on "Digital Teaching Techniques"- how to teach and engage with students in online mode by ICT Academy (AICTE recommended), while some handful Faculty preferred taking the course "Learning to Teach Online" from Coursera. Also, 49 Faculty took a Faculty training program on "Streaming Engineering Curriculum for NEP 2020 and Management of Teaching Learning in Online Education" from IIT Kharagpur, during 11th to 13th September 2020.

In the current semester, the lectures are being delivered by the teachers in online mode as per timetable slotted by the respective Department. The required hardware such as web-camera, wireless headphones etc., for taking classes online, has been provisioned in the department. Alternatively some faculty members are using laptops with good quality data connection for taking classes. Each lecture of 45 minutes duration is getting conducted and having 4 such lectures for a 3 credit course, per week. The last lecture of every week is for facilitating the students in revising what was taught in the previous 3 lectures and to make full use of this online discussion forum to ask questions and clarify doubts.

Prof. Jibi Abraham assured the members that the suggestions from the Academic Council members were incorporated in the syllabus. The Programme Specific Objectives were revised. The final copy was shared with the students and also displayed on the Institute portal. Activity Event Grade Points Scheme was revised as per the suggestions and was recommended for approval by Prof. Salil Kulkarni and Prof. Anil Kulkarni.

**R-AC-6/1/2020: The members RESOLVED to APPROVE the Minutes of the 5<sup>th</sup> meeting of the Academic Council of the Institute held on 20<sup>th</sup> June 2020. The members also appreciated and approved the action taken by the institute based on the decisions made in the previous meeting.**

**Item-02: Presentation of Examination Results and the Analysis of Graduating Batches of AY 2019-20: All UG and PG Programmes by Controller of Examinations**

Dr. Sonar presented the examination results as well as the analysis of the results of the graduating batches of AY 2019-20. He informed the members that out of the total intake 630, 850 students took admission for the UG courses. On the contrary, out of the total intake of 474, 458 students took admission for the PG Programmes. 905 UG students (with backlog) appeared for the examination and 757 students (84%) passed in the same. 464 post-graduate students (with backlog) appeared for the examination out of which 401 (86%) students passed in the examination. Prof. Salil Kulkarni asked if there is any difference in the results of the online examinations as compared to the previous offline examinations. Prof. Ahuja mentioned that certainly the current scenario has impacted the performance of the students in their final examination as they covered 1/3rd of the syllabus via online mode and were informed about the examination just 15 days in advance. Also, there was a time gap of almost 4 months from when the syllabus was completed by the respective faculty and subsequent conduct of examination.

Dr. Sonar said that if we compare the success index (%) of the academic years 2017-18 (93%), 2018-19 (88%) and 2019-20 (87%), there is slight decrease in the same. On the contrary, if we compare the average CGPA for the same academic years, there is marginal improvement. The average CGPA for the academic year 2017-18 was 7.60, for 2018-19 was 7.59 and for 2019-20 was 7.62. He then gave a branch wise analysis of the results. He summarized that there is overall little decline in the success index (%) and increase in the average CGPA.

As far as the PG Programmes are concerned, the institute offers 24 specializations. Out of the 458 students admitted for the programmes, 397 (87%) students could successfully complete the programme in respective specialization. Dr. Sonar gave a branch wise analysis of the performance of the students in Honors and Minor courses. He showed that the percentage of students completing the Honors and Minor Certificate Programmes is higher in the Civil Engineering department than the other departments.

Prof. Salil Kulkarni asked whether the COVID 19 scenario has affected the placements of the students. Prof. Ahuja answered this question and informed the members that the placements haven't been affected in the current situation. The placement percentage was 79% in the year 2018-19 and it is 79.14% in 2019-20. He further stated that the companies are not only hiring, but also honoring their commitments as far as the B.Tech students are concerned. The placements for most of the M.Tech students will commence after the declaration of their final year results as per the norm.

Dr. Sudhir Ghorpade asked if there is any impact of the Honor and Minor programmes on the placements of the students. Prof. Ahuja reiterated that the placements have been almost the same and the students have been placed.

**R-AC-6/2/2020: The members RESOLVED to APPROVE and Recommend to the BoG of the Institute the Examination Results and the Analysis of Graduating Batches of AY 2019-20. It was agreed that the institute will proceed with the graduation ceremony of the students and present them their passing certificates.**

**Item-03: Seeking Approval for the list of Branch-wise Toppers and Rank Holders: All UG Programmes**

After presenting the examination results of the under-graduate programmes, Prof. Sonar shared the list of toppers in all the branches. The highest CGPA is secured by a student from Computer Engineering. Prabhudesai Arya Parind, the topper from Computer Engineering department has secured the CGPA of 9.84. The CGPA score of the topper of the Production Engineering is 9.09 which is the lowest score among the toppers of all the braches. He requested the Academic Council members to approve the list of the UG toppers and Rank holders from all the braches as per the Appendix 1.

**R-AC-6/3/2020: The members RESOLVED to APPROVE and RECOMMEND to the BoG of the Institute, the list of Branch-wise Toppers and Rank Holders of all UG Programmes.**

**Item-04: Presentation of Proceedings of Internal Quality Assurance Cell (IQAC) by Dean Quality Assurance**

The Dean Quality Assurance, Prof. S.N. Sapali presented the proceedings of Internal Quality Assurance Cell (IQAC). He began his presentation by showing the list of IQAC committee members as per UGC guidelines. He discussed the parameters of National Institutional Ranking Framework (NIRF), namely, teaching learning and resources (weightage 30%), research and professional practice (weightage 30%), graduation outcomes (weightage 20%), outreach and inclusivity (weightage 10%) and peer perception (weightage 10%). In 2018, out of 906 participating institutions, COEP received 45th NIRF rank. In the year 2019, COEP secured 49th position among the 969 participants. In 2020, out of the total 1071 participant institutes, COEP received 50th NIRF rank. He also



shared the NIRF score of COEP for these three years which indicates that the score is almost stagnant and we need to contribute more in terms of research outcomes to get a higher score in future.

Prof. Sapali discussed the scores of all the above parameters in detail. He then gave the breakup of the 100 marks given for the first parameter, i.e., Teaching, Learning and Resources (TLR). The scores of our institute for this parameter for the years 2018, 2019 and 2020 were 60.44, 58.17 and 61.94 respectively. The breakup of the 100 marks for the parameter of Research and Professional Practice (RP) was discussed and the scores of COEP for this parameter for the years 2018, 2019 and 2020 were 23.96, 26.17 and 21.89 respectively. Prof. Sapali said that our institute has a lot of scope for improvement in this area. After giving the breakup of the 100 marks for the parameter of Graduation Outcome (GO), he mentioned that the scores of COEP for this parameter for the years 2018, 2019 and 2020 were 66.29, 64.17 and 67.56 respectively. As far as the parameter of Peer Perception (PP) is concerned, the scores of COEP for the years 2018, 2019 and 2020 were 26.74, 25.77 and 29.4 respectively. He then gave the breakup of the 100 marks given for the last parameter, i.e., Outreach and Inclusivity (OI). The scores of our institute for this parameter for the years 2018, 2019 and 2020 were 46.51, 51.79 and 51.85 respectively.

After discussing the National Institutional Ranking Framework (NIRF), Prof. Sapali discussed the NBA Application and Updates. College of Engineering has 9 UG programmes and 24 PG programmes. Out of these, the accreditation of 10 PG programmes is getting over on 30th June 2020 and hence the college has applied for their accreditation to NBA. The NBA has extended accreditation of 8 UG programmes until 30-6-2021. Furthermore, he discussed the 7 parameters for NAAC Quality Indicator Framework. These parameters are i. Curricular Aspects, ii. Teaching-Learning Evaluation, iii. Research, Innovation and Extension, iv. Infrastructure and Learning Resources, v. Student Support and Progression, vi. Governance, Leadership and Management and vii. Institutional Values and Best Practices. Prof. Sapali informed the members that we have collected the data for the first three parameters and are in the process of collecting information for the remaining four parameters. He then discussed the sub-criteria of each parameter in detail.

Prof. Sapali elaborated on the AICTE-CII survey of Industry-Linked technical Institutes 2019. He first discussed the score of the Civil Engineering and Allied Department. Their score at the national level is 53.81 and institute score is 39.59. The national level score of Mechanical Engineering and allied is 69.76 and their institute level score is 57.31. He then discussed the scores of Computer and IT Engineering and Allied. Their national level score is 72.05 and institute score is 41.38. The national score of Electronics Engineering and Allied is 65.56 and their institute level score is 35.65.



After discussing the scores of the AICTE-CII survey of Industry-Linked technical Institutes, Prof. Sapali discussed Academic Audit Report for AY: 2019-2020 for the department of Instrumentation and Control Engineering. The experts for this audit were Prof. Rajib Bandopadhyay, Professor, Department of Instrumentation and Control, Jadavpur University, Kolkata and Prof. Vipul Shah, Professor, Department of Instrumentation and Control Faculty of Technology, Derrmsingh Desai University, Nadiad. The experts appreciated the teaching-learning Process having qualified and experienced faculty. They also appreciated the latest and state of the art UG and PG curriculum as well as the industry institute interaction. They mentioned that the quality of research publications/patents by the faculty members is excellent. In addition to this, the experts have also given the some scope for improvements. They suggested that publications are to be made compulsory to PG students. They also asked to maintain the details of the students appearing for GRE, IELTS and GATE. They also suggested that the teacher-student ratio is to be improved. The institute was asked to arrange a special drive and program for GATE exam. They suggested that the use of virtual laboratory may be improved. There should also be some data on startup and entrepreneurship program.

Prof. Sapali then discussed the Academic Audit Report for AY: 2019- the department of Instrumentation and Control Engineering. The experts for the audit were Prof. Sounak K. Choudhury, Professor, Dept of Mechanical Engineering, IIT KANPUR and Prof. V Radhakrishnan, Former Professor, IIT Madras and Professor, Indian Institute of Space Science and Technology (IIST) Trivandrum, Kerala. The experts appreciated the motivated and dedicated faculty, Teaching and learning process atmosphere and the experienced Professor Emeritus associated with the department. They also liked the excellent infrastructure with well-equipped laboratories and industry-oriented Graduate and Post Graduate students. They appreciated the course contents of the curriculum. In addition to this, they said that there should be flexibility for the total credits between 160-170 rather than fix 166 credits. This flexibility should be for adopting new courses and credits. They also suggested improving the Quality publications with Scopus/ SCI indexed journals.

The Academic Audit Report for AY: 2019- the department of Instrumentation and Control Engineering for the department of Metallurgy and Materials Science was also discussed at length. The experts for this audit were Dr. K. Balasubramanian, DIAT, Pune and Dr. BhaskarcMujumdar, DIAT, Pune. The experts suggested that the department should have various research collaborations with National and International institutes and should have certain MOUs signed with them. They also said that the students should be encouraged taking MOOC/NPTEL like courses. Activities like Green Initiative, Waste Management, e-waste collection should be encouraged in the department. Furthermore, laboratory manual and log-book should be kept and Procedure to operate the equipments and "Do's and Don't do" should be displayed on the walls in all the laboratories.



Prof. Sapali then discussed the Academic Audit Report for AY: 2019- the department of Mechanical Engineering. The experts for the audit were Prof. Bhalchandra Puranik, Professor, Mechanical Engineering Department, IITB, Mumbai and Prof. SashiKanta Panigrahi, Professor, HoD; Director, School of Robotics (Additional Charge) at DAIT Pune. The experts appreciated the teaching learning Process and the industry institute interaction of the department. The quality of research publications/patents by the faculty members is excellent as compared to last year. They mentioned that the placement record of undergraduate students is good. They suggested that each faculty should try to publish one or two research articles per year in standard peer reviewed journals only. They observed that the current teaching load is very high on the faculty members and suggested that the teacher-student ratio is to be improved. They also suggested that the administrative duties should be shared equally amongst the entire faculty. They also felt that more number of PG students, especially full time PhD students, should be admitted every year.

The Academic Audit Report for AY: 2019- the department of Computer Engineering and Information Technology was also discussed at length. The expert for the audit was Prof. Bharat Adsul, Computer Science and Engineering, IIT Bombay. The expert suggested that some standard well known rankings such as CORE be used in selecting the conferences and journals for publication. The shortage of good technical staff (currently only 3 lab assistants have suitable technical qualifications) is a serious matter of concern. He also recommended that for Honours certification, more courses should be made available.

Dr. Amol Pail asked if any internal audit is conducted by the individual departments prior to the external audits. Prof. Sapali answered that no such internal audit is conducted by the department. Prof. Ahuja added that the feedback provided by students is used for course corrections. This is the only internal activity undertaken in this regard each semester.

**R-AC-6/4/2020: The members RESOLVED to APPROVE the proceedings of Internal Quality Assurance Cell (IQAC) by Dean Quality Assurance. The detailed discussion on National Institutional Ranking Frame Work (NIRF) update, NBA application and updates, NAAC preparation updates, CII feedback, Academic Audit undertaken by the departments of COEP etc. was very fruitful and the members present got an idea of the work done by the Internal Quality Assurance Cell (IQAC).**





**Item-05: Presentation by HoD on details about new PG Diploma programmes on:**

**a. Data Science and Artificial Intelligence from Dept of Computer Engineering and IT**

**b. Integrated Product Design and Development from Dept of Manufacturing Engineering and Industrial Management**

The HOD of Department of Computer Engineering and IT, Dr. Vahida Attar presented on the new PG Diploma in Data Science and Artificial Intelligence run by the department. It is the most extensive and exhaustive programme designed for students and professionals planning to make a career in Data Analytics, Data Science, Machine Learning, Deep Learning and Artificial Intelligence Space. This programme covers different courses to build various skill sets participants need to tackle any type of Analytics problem.

The department has collaborated with a tech startup "Dimensionless" to begin this programme. This company has been imparting industry relevant Data Science and Artificial Intelligence trainings since 2015. They have trained more than 5000 students so far. The knowledge partners of this company are TCS for its TCS-Ion Certification exams in Data Science. It builds AI based products and has built products for Airport security which are being deployed in India and abroad.

The programme targets participants from all over India. It follows a unique trimester pattern spanning to one year. The programme features include online live sessions, industry project and cloud based labs. It has five papers in every semester. The total credits of the programme are 44 (First Semester: 14, Second Semester: 15, Third Semester: 15). The fees for this one year full time programme would be Rs. 2,00,000/- per student.

Dr.Salil Kulkarni asked about the role of the company in this programme to which Dr. Vahida answered that the programme is run by the subject experts from the industry and the faculty members from the department. Dr.Kulkarni also wanted to know the eligibility criterion to take admission for the programme. Dr. Vahida explained the eligibility criterion for taking admission for this programme is any engineering graduate/ B.Sc /BCA/BCS having Mathematics, Statistics. The final year appearing students are also eligible to apply for the same. The selection process involves a test and an interview. It evaluates the communication skills, Aptitude and Basic Programming Skills of the students. In the academic year 2020-21, 57 students applied for this programme and 38 students were selected for the programme based on the selection criterion. Out of these 38 students, 22 students actually took admission for the programme. The programme has commenced from August 2020. Each course in the programme will have two internal tests of 20 marks each and the End Semester Examination (ESE) of 60 marks.

Dr.Amol Patil appreciated the idea of private organizations and institutions coming together and floating courses. He asked about the policy followed by COEP for these PG programmes. Prof. Ahuja asserted

that these courses are offered by COEP and are to be undertaken by COEP itself. He assured that we will be hiring more competent faculty to run the course.

The HOD of the Department of Manufacturing Engineering and Industrial Management, Dr. P.D. Pantawane, presented the Post-Graduate Diploma in Integrated Product Design and Development. The one year full time Post Graduate Diploma Programme aims at developing skills, knowledge and aptitude among the students to bring about innovation in industry through creative problem solving. The industrial collaborators for this programme are Bajaj Auto Ltd., Pune, Philips India Ltd. (Healthcare division), Pune and John Deer Technology Centre, Pune. This programme will consist of three semesters of 16 Weeks each and total 50 Credits. The first semester has 7 courses of 19 credits, the second semester has 7 courses of 19 credits and the third semester has two courses of 12 credits. The eligibility of taking admission for this programme is B.E./B.Tech/ M.E./M.Tech. The candidates shall be admitted as per selection process (Test and/or Interview). In the academic year 2020-21, total 32 applications were received out of which 10 students were selected for the programme. Each course will have two internal tests of 20 marks each and the End Semester Examination (ESE) of 60 marks. The fees for this one year full time programme would be Rs. 1,85,000/- per student.

Dr. Limaye asked if all the courses mandatory or some electives are there. Dr. Pantawane said that most of the courses are mandatory and only one elective is included in the second semester. Dr. Limaye suggested that the course may have to be revised based on the experience of conducting the first batch of the course.

**R-AC-6/5/2020 (a): The members RESOLVED to APPROVE the structure of the PG Diploma programme in Data Science and Artificial Intelligence from Dept of Computer Engineering and IT.**

**R-AC-6/5/2020 (b): The members RESOLVED to APPROVE the structure of the PG Diploma programme in Integrated Product Design and Development from Dept of Manufacturing Engineering and Industrial Management.**

**Item-06: Seeking approval for revising Academic Calendar 2020-21, proposed by Dean Academics**

Based on the suggestions received in the last Academic Council Meeting and the instructions provided by the University and the Government, the institute has prepared an Academic Calendar for the year 2020-21. The Dean Academics, Prof. Jibi Abraham presented a revision to the academic calendar for AY 2020-21 for the approval of the Academic Council members. The current semester started on 27<sup>th</sup> July 2020 and the same calendar was followed till now. However, some teachers missed a few lectures as they were involved in the ESE of the final year students. To compensate this loss, it is proposed to shift the last instruction to 12<sup>th</sup>

November from the previously planned 4<sup>th</sup> November. Earlier the oral exams for Laboratory courses were planned before the ESE, but now they have been shifted after the ESE from 7<sup>th</sup> December to 12<sup>th</sup> December 2020. The End Semester Examination is scheduled from 19<sup>th</sup> November to 5<sup>th</sup> December 2020. The Re-Examination of final B.Tech even term of AY 2019-20 is scheduled from 2<sup>nd</sup> November to 6<sup>th</sup> November. The results will be declared on 16<sup>th</sup> December 2020.

The improvement exam of the UG FY, SY, TY and PG second year students for the even semester of AY 2019-20 will be conducted from 14<sup>th</sup> December to 19<sup>th</sup> December. If some final year students have not cleared 2-3 courses of less than 10 credits, they will have a special summer term also. The registration for the same will be on 11<sup>th</sup> November. The re-exam of these students will be conducted from 21<sup>st</sup> December to 26<sup>th</sup> December and their results will be declared on 29<sup>th</sup> December 2020. All these examinations will be conducted as online off campus proctored examinations. The students will take these examinations from their homes. The Academic Calendar of the even semester of AY 2020-21 may be further revised after receiving further notification/Guidelines from the University and the Government.

**R-AC-6/6/2020: The members RESOLVED to APPROVE the proposed revised Academic Calendar of the odd semester of the academic year 2020-21. The institute was asked to proceed with the academics as planned.**

**Item-07: Proposal to start new M.Tech Programme in Transportation Engineering from HoD of Civil Engineering Dept.**

The HOD of the Civil Engineering Department, Prof. Ranadive presented the curriculum of the new M.Tech Programme in Transportation Engineering for an intake of 24. The duration of the programme will be 2 years. The eligibility is per the AICTE norms. In house as well as renowned/ reputed and experienced faculty from Industry / R&D organizations will be punctuating the learning experience for the entire programme. It will have employment opportunities primarily in Road, Bridge, Airport, and other Infrastructure Projects Government, Semi-Government and Private Sector R&D organizations.

Prof. Ranadive discussed course structure of this programme. He informed the members that the first and second semesters will cover the core courses. The first semester will have 8 courses out of which one will be an elective one. The second semester will have 11 courses out of which two will be elective courses. The third and fourth semesters will be dedicated to the dissertation work.

He also shared a list of existing equipments available in the departmental laboratory with the members. He also explained the technical difference between the programme of Transportation Planning available at IIT Bombay and the programme proposed by COEP (Transportation Engineering).

Dr. S. D. Limaye suggested that a course in surveying should be plugged in somewhere in the syllabus as it is very important. Prof. Ranadive assured him that this topic will be added in one of the components in the curriculum.

**R-AC-6/7/2020:** The members **RESOLVED** to **APPROVE** the curriculum of the new M.Tech Programme in Transportation Engineering to be introduced with effect from AY 2021-22 with an intake of 24 students.

**Item-08:** **Re-introducing Mini-Project Course in M.Tech (Thermal Engineering) by HoD, Mechanical Engineering**

The HoD, Mechanical Engineering, Prof. Nandagaonkar presented a proposal to introduce a 2 credit course Mini-Project Course in M.Tech (Thermal Engineering). M.Tech. Students are required to do a yearlong dissertation in their second year. It is seen that they face a difficulty selecting, planning and completing research work due to lack of exposure. Prof. Nandagaonkar asserted that it is necessary to offer the students Mini-Project in first year to develop the research culture and attitude. This introduction of Mini-Project would not change total credit of the program i.e 68. There is a Thermal Lab courses in Semester I and II with 3 credits in each semester. It is proposed to make Thermal Lab I and II of 2 credits each instead of 3 credits and make Mini-Project a 2 credit course and offer in Semester II. He shared the structure of the course with the members.

Dr. Salil Kulkarni suggested calling this course to be a 'Seminar' rather than calling it a 'Mini-Project.' It will be more useful to the students as it will make it training oriented. Prof. Nandagaonkar said that its structure is that of a seminar itself. Dr. Kulkarni then said that it is OK to call it a 'Mini-Project.'

**R-AC-6/8/2020:** The members **RESOLVED** to **APPROVE** the Mini-Project Course in M.Tech (Thermal Engineering) with effect from the current AY 2020-21.

Prof. Jibi Abraham thanked all the members for attending the meeting and declared the meeting concluded. The meeting ended with the vote of thanks to the Chair.

  
**Prof. Jibi Abraham**  
**Member Secretary**

  
**Officiating Director**  
**College of Engineering Pune**  
**Pune-411005.**

### Annexure 1

List of UG Programme wise toppers and Rank holders qualified for the Institute Gold Medals

Sr. No	PRN No.	Name of Students	Branch Name	CGPA
1	111601016	JAIN HARSH UMESH	Civil Engineering	9.53
2	111603050	PRABHUDESAI ARYA PARIND	Computer Engineering	9.84
3	111605038	SAHASRABUDHE SHUBHAM SHRIKRISHNA	Electrical Engineering	9.44
4	111607041	MANOLKAR ADITYA UDAY	Electronics and Telecommunication Engineering	9.57
5	111608049	PATIL SHUBHAM SHANTARAM	Information Technology	9.31
6	111609032	ABHIJITH SHARMA	Instrumentation and Control Engineering	9.21
7	111610050	HARIPRIYA R	Mechanical Engineering	9.35
8	111611014	JAGTAP SAE MAHENDRA	Metallurgical Engineering	9.25
9	111614023	KHOT MAITREYEE SANJAY	Planning	9.39
10	111613048	PAWAR ANIKET ARVIND	Production Engineering (Sandwich)	9.09