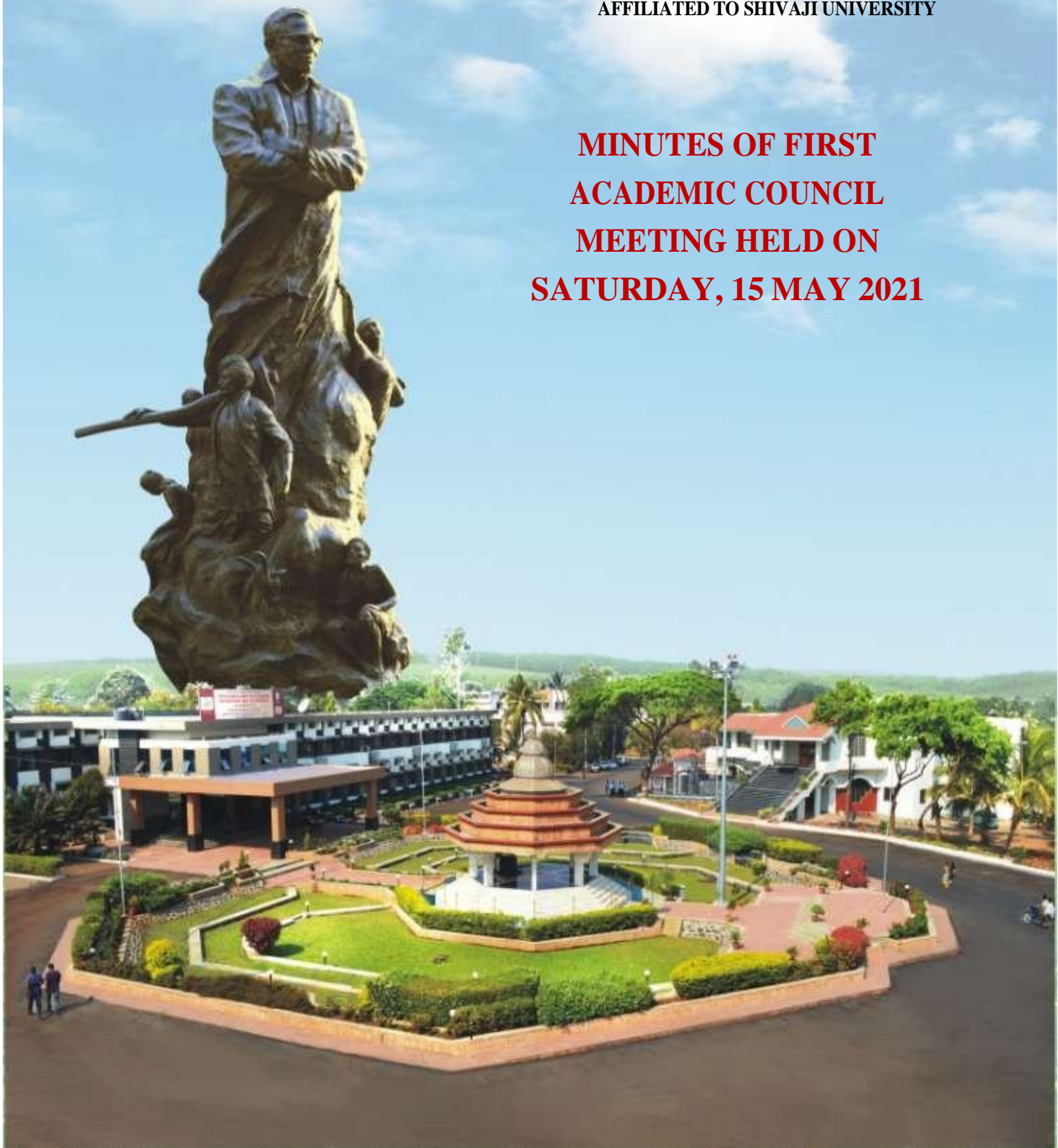Shree Warana Vibhag Shikshan Mandal's

Tatyasaheb Kore Institute of Engineering And Technology, Warananagar

AN AUTONOMOUS INSTITUTE
AFFILIATED TO SHIVAJI UNIVERSITY

MINUTES OF FIRST ACADEMIC COUNCIL MEETING HELD ON SATURDAY, 15 MAY 2021

Tatyasaheb Kore Institute of Engineering & Technology

Warananagar, Tal- Panhala, Dist- Kolhapur -416 113. Maharashtra

An Autonomous Institute, affilated to Shivaji University, Kolhapur

Minutes of FIRST Academic Council Meeting

Held on Saturday, 15th May 2021 at 10.00 AM
ONLINE mode on Google Meet

The First meeting (01st) of Academic Council of Tatyasaheb Kore Institute of Engineering and Technology, Warananagar under Autonomous status was held ONLINE due to Covid situation on Saturday, 15th May 2021 at 10.00 AM.

Following members were present for the meeting:

1	Chairman	Dr. S. V. Anekar	Principal, Tatyasaheb Kore Institute of Engineering and Technology, Warananagar
2	Member	Dr. Mrs.S.S. Kulkarni,	Director R.I.T. Sakharale
3	Member	Dr. R.K. Kamat,	Dean Science &Technology Shivaji University, Kolhapur
4	Member	Dr. Mrs. S.H.Thakar	Head Mathematics Department Shivaji University, Kolhapur
5	Member	Dr. Sanjay Mahajani,	Professor Chemical Engineering , I.I.T. Powai, Bombay
6	Member	Dr.Sham Gurav,	Founder and CEO of Epiphany Healthcare Innovations
7	Member	Dr. Mukul S. Sutaone,	Deputy Director, College of Engineering , Pune
8	Member	Dr. K. Shrinivas,	Professor Chemical Department, BIT's Goa Campus
9	Member	Dr. Pritam Mohite,	Associate Professor, Aerospace Engg. I.I.T., Kanpur
10	Member	Prof. M.B.Kulkarni,	Controller of Examination
11	Member	Prof. S.T.Patil ,	HoD, Chemical Engineering Department
12	Member	Prof. L.B.Patkure,	HoD, Civil Engineering Department
13	Member	Prof. C.P.Shinde,	HoD, E&TC Department
14	Member	Dr. P.V. Mulik,	HoD, Mechanical Engineering Department
15	Member	Prof. A.G.Patil,	HoD, CSE Department
16	Member	Dr. (Mrs) V.D. Patil	I/C HoD, First Year Engineering
17	Member	Dr. P.J.Patil	Central PG Coordinator
18	Member	Dr.S.D.Bhopale,	IQAC Coordinator
19	Member	Prof. P.J.Patil,	Training and Placement Officer
20	Member	Prof.G.S.Kamble,	Associate Dean Academics
21	Member	Dr. K.I.Patil	Dean Academic

Leave absence was granted to *Dr. D.N. Mane*, HoD, First Year Engineering who expressed his inability to attend the meeting, Dr. (Mrs.) V.D. Patil attended the meeting in his absence as a I/C HoD.

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Inauguration of Academic Council Meeting

- As it was the first meeting of Academic Council, TKIET proposed a short Inaugural Function.

- Initially, Dr. Marku Monis welcomed all the members for the meeting of first Academic Council of Tatyasaheb Kore Institute of Engineering and Technology Warananagar under Autonomy. He started to welcoming Vice Chancellor nominees from Shivaji University, Kolhapur, Principal & the Chairman, Academic Council (AC), External Eminent Academicians and Seasoned Scholars, Industry Representatives, BoS Chairman, Deans, Training and Placement Officer, Registrar and Dean Academic as a Member secretary, and invited Dr. S. V. Anekar, Chairman Academic Council, for his opening remarks.

- Dr. S V. Anekar, in his opening remarks highlighted the vision behind the foundation this institution as to impart the quality technical education to farmers' children. Also, sir emphasized the motivation and guidance received from the current chairman of SWVSM, Hon. Dr. Vinayraoji Kore and Administrative Officer, Dr. Vasanti Rasam to fulfil the dream of Founder Chairman.

- Moreover, sir briefed the objectives behind why TKIET has obtained an Autonomous Status. In his concluding remarks, sir thanked the authorities of University Grants Commission, New Delhi, Directorate of Technical Education, Mumbai, Shivaji University, Kolhapur, Governing Council of SWVSM and authorities of nearby institutes for their support and cooperation during the preparation of TKIET's journey to acquire Autonomous status.

- Since, it was first Academic Council Meeting, to get familiar with the members; Prof. A. G. Patil formally introduced Vice Chancellor nominees, Academicians, Industry Representatives and Internal members in brief.

- Further, sir declared that inauguration function is over and handed over the charge to Dr. K. I. Patil, Member Secretary for the further proceedings.

Briefing by Member Secretary

- Member Secretary and Dean Academic, before taking up the items from agenda for discussions and deliberations granted permission from Hon. Chairman and members of Academic Council.

Item no. 1.1
To note and discuss the status of Autonomy

- The chairman, AC, presented the journey of TKIET from 1983 to till date. Also sir presented the Planning and current status of the institute to implement effectively good practices for Autonomy, those are:

A) Activity based action plan

B) Academic and Administrative Reforms

C) Teaching - Learning monitoring

D) Examination and Evaluation mechanism

E) Budget provision to implement the said Reforms

- *The Chairman assured that TKIET will have separate Examination Building and other essential facilities in coming years.*

Item no. 1.2
To note the constitution and the functions of the Academic Council as per the UGC guidelines

- Member Secretary presented the composition of Academic council and the functions of Academic Council as per the UGC guidelines.

Item no. 1.3
To discuss the Nomination and approval of the various members on the Academic Council

- Member Secretary submitted the nominations for Academic Council to the house for their kind perusal with recommendations, if any.
- Hon. Academic Council approved all the nominations on the Academic Council without any changes.

Item no. 1.4
To approve the appointment of Controller of Examination and Examination Cell Members

- The chairman of Academic Council nominated Prof. M.B. Kulkarni as Controller of Examination and Dr. M.R. Jadhav as an Associate Controller of Examination.
- Prof. M. B. Kulkarni presented the composition of members of Examination and Evaluation cell before the house and sought their kind perusal for these appointments on Examination and Evaluation Cell.
- *The house approved the composition of Examination and Evaluation Cell,* Controller of Examination, Associate Controller of Examination and its members.

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Item no. 1.5
Approving the nominations of members on various Board of Studies (BoS)

- Prof. A. G. Patil presented the appointment of six (06) Head of the Departments as Board of Studies, Chairman of respective Board of Studies. Then, he presented with brief CVs of the members nominated and recommended on the following six (06) Board of Studies.
    1. BoS, First Year B. Tech.
    2. BoS, Chemical Engineering
    3. BoS, Civil Engineering
    4. BoS, Electronics and Telecommunication Engineering
    5. BoS, Mechanical Engineering
    6. BoS, Computer Science and Engineering
- *The house approved the nominations of members on the above Board of Studies.*

Item no. 1.6
To Discuss and approve the examination rules and regulations for UG and PG Examination

- Prof. M. B. Kulkarni, Controller of Examination, presented the handbook entitled "Rules and Regulations for Examinations and Evaluation Systems of UG & PG Programmes" prepared to conduct UG and PG examinations which covered every minor aspect related to the Examination and Evaluation of UG and PG programmes.
- Further, sir requested the house for the approval of the handbook "Rules and Regulations for Examinations and Evaluation Systems of UG & PG Programmes" with suggestions and corrections, if any.
- After the discussion and deliberations, the house has provided the suggestions as follows:

Suggestion from Dr. Sham Gurav

- Dr. Sham Gurav sir enquired the planning of the institute to Conduct and Evaluate the Examination, Online Teaching Learning, Entrepreneurship, Internships in an online mode considering the current pandemic situation and suggested to include the planning of the same in Exam Rules and Regulations book.

Suggestion from Dr. (Mrs) S. S. Kulkarni

- Dr. (Mrs) S. S. Kulkarni madam asked the eligibility for the students for appearing End Semester Examination and how institute would measure the credits earned via online mode. She also suggested that institute should procure software for Examination and Evaluation.

Suggestion from Dr. Mukul S. Sutaone

- Dr. Mukul S. Sutaone sir raised the queries about the clarification of following points:

- What would be the grading criteria for the evaluation, absolute or relative? - The chairman explained that Absolute Grading System will be implemented for the evaluation.
- Who will measure / audit the Question paper quality? Rather sir suggested to form a Question Paper scrutiny committee at the institute level for read-through the quality of Question papers.
- Sir suggested that Dean Academic and CoE should work in collaboration while preparing the Academic Calendar of the institute.

Suggestion from Dr. K. Shrinivas

- Dr. K. Shrinivas sir appreciated the preparation of Handbook "Rules and Regulations for Examinations and Evaluation Systems of UG & PG Programmes", and supported the opinion of procuring software for exam and evaluation work and also highlighted the resources required for exams like human resource, software and furniture for the smooth functioning of Examination and Evaluation Cell.
- Further, Sir asked to clarify the grading pattern after the evaluation and provisions for failed Students in 1 or 2 subjects like ATKT or any other.
- ➢ The Chairman, AC, explained that the provision of re-exam has been made available for the failed students as mentioned in a handbook "Rules and Regulations for Examinations and Evaluation Systems of UG & PG Programmes"
- Sir also suggested that for the minor / simple grievances, department should have grievances Committee and only serious / major grievances should go to the Central Grievances Committee.
- The chairman assured the house of including given suggestions in Handbook on Examination and Action Taken Report will be forwarded to all.
- *With the above given suggestions the house approved the Handbook "Rules and Regulations for Examinations and Evaluation Systems of UG & PG Programmes"*

Item no. 1.7 (a)

Approving the syllabus structure, syllabi, and evaluation pattern of the First Year B. Tech Programme

- Member Secretary presented the Credit Distribution, Audit Course Distribution, and Examination Scheme (from First year to Final year B. Tech program). He has highlighted that Credit distribution is done as per Model Curriculum (January 2018, Volume -1) published by AICTE, New Delhi.
- He also proposed a Course Coding System for the courses and requested the house for their kind perusal with suggestions and recommendations, if any.

- After the thorough discussion and deliberations, the house provided below mentioned suggestions:

Suggestion from Dr. K. Shrinivas

- Dr. K. Shrinivas sir requested the chairman that the pre- requisite should be defined by the departments for introducing the courses for Open Electives or students seeking courses for minor and honour degree.
- Sir showed his satisfaction with distribution of credits and appealed that students should not be overloaded.

Suggestion from Dr. Sham Gurav

- Dr. Sham Gurav sir quoted the examples of KLE's BVB, Hubli & Rajarambapu Institute of Technology, Islampur which have done substantial changes in the curriculum by offering courses on Entrepreneurship. Subsequently, sir desired that TKIET should also introduce full-fledged courses on Entrepreneurship program from first year to Final year in coming years.
- The chairman assured the house for considering the suggestions provided by the Hon. AC members
- *With the above mentioned suggestions the house approved the credit distribution and course coding system.*

Item no. 1.7 (b)

Approving the syllabus structure, syllabi, and evaluation pattern of the First Year B. Tech Programme

- Dr. (Mrs) V. D. Patil madam, In Charge, HoD, F. Y. B. Tech presented the Curriculum Structure, Syllabi, Exam & Evaluation Scheme, Examiners of Internal And External Examinations' panel for the First of B. Tech courses and requested the house for the approval of the same with recommendations, suggestions, if any.
- After the brainstorming discussions and deliberations, the house has given suggestions as follows:

Suggestion from Dr. K. Shrinivas

- Dr. K. Shrinivas sir suggested that for bringing multi- disciplinary approach to the curriculum, an introductory course on General Biology course should be added into the curriculum of first year B. Tech.
- Further, sir suggested that course PBL can be replaced by General Biology in the curriculum from the next academic year.

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Suggestion from Dr. (Mrs) S. S. Kulkarni

- Dr. (Mrs) S. S. Kulkarni madam and Dr. Pritam Mohite sir showed agreement to the Dr. K. Srinivas' opinion and suggested that as per the AICTE mandate biology should be added in first or second year engineering curriculum.
- Madam recommended that challenging courses like Applied Mechanics should be introduced from second year onwards.
- Madam also enquired about the medium, mode of instruction and applicability of the Project Based Learning course. Moreover, madam suggested to revise the title of this course.

Suggestion from Dr. Mukul S. Sutaone

- Sir suggested that title of a course should be more reflective of the content in it.
- Further, sir stressed that major changes in the structure should not be made for four years (for a batch) however minor changes can be done in the structure.
- Sir appreciated the F. Y. B.Tech structure for including Sciences and Humanities courses and suggested that credits in the structure could be revamped as per the recommendations in the meeting.

Suggestion from Dr. Sham Gurav

- Sir showed agreement to the opinions of Dr. K. Srinivas sir and Dr. Mrs. S.S. Kulkarni madam; regarding an introductory course on General Biology course in the curriculum.
- Sir also suggested thinking about an introduction of some of the foundation courses on Entrepreneurship from first year to final year.
- ➢ Chairman, Academic Council assured that said suggestions and recommendations would be incorporated from the next academic year and the action taken report (ATR) will be submitted in the next Academic Council Meeting.
- *With the above mentioned suggestions and recommendations the house approved the curriculum structure, syllabi, and evaluation pattern of the First Year B. Tech Programme and Examination and Evaluation scheme.*

Item no. 1.8

Approving the syllabus structure, syllabi, and evaluation pattern for M. Tech programme

- Dr. P. J. Patil, Central PG Coordinator presented the Course Credit Distribution, Audit Course Distribution and Scheme of Examination for Post Graduate Programs. He highlighted that Credit distribution is done as per the guidelines from AICTE Model Curriculum (year), New Delhi.
- He also proposed the Course Coding System and appealed the house for its approval.

- Subsequently, Chairman of Respective Board of Studies presented the Curriculum Structure, Syllabi, Exam & Evaluation Scheme and Examiners for Internal and External Examinations' panel for the M. Tech program.

  The names of BoS, Chairman and M. Tech PG programs are as follows:

  1. Prof. S.T. Patil : M. Tech in Chemical Engineering
  2. Prof. L.B. Patkure: M. Tech in Construction and Management (Civil Engineering)
  3. Prof. C.P. Shinde : M. Tech in Electronics and Telecommunication Engineering
  4. Dr. P.V. Mulik : M. Tech in Mechanical Engineering

- The Chairmen requested the house for the approval with recommendations, suggestions, if any.

- After the brainstorming discussion, the house has given suggestions as follows:

Suggestion from Dr. K. Shrinivas

- Dr. K. Shrinivas sir suggested that Institute should decide the expectations from M. Tech program, Employability or Research?
- Further, sir added that one semester for the dissertation could not be insufficient. Also, sir found less number of electives options is available in all M. Tech programs and syllabi looks heavy for the program.
- Sir recommended that pool of Electives should be provided for the students and electives should tune with specialization.

Suggestion from Dr. Mukul S. Sutaone

- Sir recommended that MOOC / SWYAM like courses should be linked with project dissertation under the guidance of Project Guide.
- Furthermore, sir recommended that the institute should initiate bridge course or audit course for grooming the students for M. Tech specialization.
- Sir also stressed that curriculum should cover course focus theme, Research focus theme and Dissertation focus theme.

Suggestion from Dr. (Mrs) S. S. Kulkarni

- Dr. (Mrs) S. S. Kulkarni madam raised a query on inclusion of seminar in curriculum as most of the students copy from the Google, instead she suggested a mini project or a Report Writing on critical analysis of Research Papers published in standard journals like Elsevier or Science Direct .
- Further, madam enquired about the evaluation procedure of MOOC / SWYAM like online courses - The Chairman, Academic Council suggested that there will be a Course Evaluation and Approval Panel for the evaluation of courses like MOOC / SWYAM.

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On M. Tech Construction and Management Programme

- Madam suggested that in the curriculum courses should be included considering market needs, employability and software used in industries.

Suggestion from Dr. Pritam Mohite:

- Sir suggested including micro robotics instead robotics in Electives. He also added that overlapping of the courses in the curriculum should be avoided i.e. Process modelling and optimization in Chemical Engineering.
- Further, sir enquired about the selection of courses for MOOC / SWAYAM whether guide / department would provide the list of courses or Students would be free to choose any course from the list.
- Sir also asked about the 04 hours distribution for Industrial Training in the curriculum.
- In reply, the chairman cleared that 04 hours for the Industrial Training in the curriculum are specified for the faculty members per week to keep a track of students understanding of industrial training. Also faculty has to interact with Industry Expert on Progress and Performance of students undergoing Industrial Training (Internship).

Suggestion from Dr. Sham Gurav:

- Sir suggested that the focus should be given to improve the ability of students on Research.
- Sir also suggested revamping the Research Methodology Tools and Techniques.
- Chairman, Academic Council assured that said suggestions and recommendations would be incorporated and the action taken report (ATR) will be submitted in due course of time.
- *With the above mentioned suggestions and recommendations the house approved the syllabus structure, syllabi, and evaluation pattern for M. Tech programme*

Item no. 1.9

Approving the syllabus structure of B. Tech programme of semester III to VIII

- Prof. G. S. Kamble, Associate Dean Academic presented the general curriculum structure for semester III to semester VIII for Undergraduate Programs in general. Sir also discussed the Credit Distribution for B. Tech Program with Minor and Honors Degree. Finally, he appealed the house for suggestions in structure to be implemented from AY 2021-22.
- Subsequently, Chairman of Respective Board of Studies presented the syllabus structure of B. Tech programme of semester III to VIII
- The names of BoS, Chairman and B. Tech PG programs are as follows:
    5. Prof. S.T. Patil : B. Tech in Chemical Engineering
    6. Prof. L.B. Patkure: B. Tech in Civil Engineering
    7. Prof. C.P. Shinde : B. Tech in Electronics and Telecommunication Engineering

8. Dr. P.V. Mulik : B. Tech in Mechanical Engineering

- The Chairmen, BoS, requested the house for the approval with recommendations, suggestions, if any.
- After the discussion and deliberations, the house has given suggestions as follows:

Suggestion from Dr. K. Shrinivas

- Sir strongly recommended that the old courses which have less relevance to the industry or lacks job readiness approach should be excluded from the syllabus. He also suggested re-structuring the laboratory courses.

Suggestion from Dr. (Mrs) S. S. Kulkarni

- Dr. (Mrs) S. S. Kulkarni madam suggested all the BoS, Chairmen to define the PoE for their programs
  For Civil Engineering:
- Particularly, for the Civil Engineering program, madam recommended that innovative, considering current industry requirements, software based (software companies preferred to use) courses should be incorporated from the second year to final year curriculum.

Suggestion from Dr. Sham Gurav

- Dr. Sham Gurav sir brought into the notice of all that electrical vehicle is trending hence he suggested that electrical vehicle course should be added in the curriculum.
- Sir also suggested that curriculum should enhance and strengthen the employability Skills of the students

Prof. P.J. Patil, Training and Placement Officer

- Prof. P.J. Patil, TPO, TKIET Addressed the expectations from the industry and highlighted the major expectations from the engineering graduates. He emphasized that students should acquire the new technologies like Cloud Computing, Data Science Machine Learning and Artificial Intelligence. He added that students of Civil and Mechanical Engineering should learn the languages like C++, python which will open the employability opportunities for them in the software domain.
- Further, he suggested that as per the industry requirements, the departments should include the courses into their curriculum.
- In reply, the chairman, AC informed TPO to prepare the branch wise list skill identification and forward the same to the chairman.
- Chairman, Academic Council assured that said suggestions and recommendations would be incorporated and the action taken report (ATR) will be submitted in the upcoming Academic Council Meeting.
- *With the above mentioned suggestions and recommendations the house approved the syllabus structure of B. Tech program of semester III to VIII.*

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Item no. 1.10

To discuss and approve the panel of examiners proposed by BoS and recommended by the Examination Cell

- Prof. M. B. Kulkarni, CoE, presented the panel of examiners proposed by BoS and recommended by the Examination Cell for F. Y.B. Tech and M. Tech (first year) examinations before the house and requested the house to approve the same with suggestions, if any.

- *After the discussion the house approved the panel of examiners for F.Y.B. Tech and M. Tech (first year) examinations.*

Item no. 1.11

Approving the Examination fees of B. Tech and M. Tech program

- CoE, presented the proposed examination fees for B. Tech and M. Tech program for the approval of the House; i.e for F. Y. B. Tech Rs. 1500/- per semester, M. Tech Rs. 2500/- per semester without practical exam and with practical exam Rs. 3500/- per semester.

- After the discussion the house approved the examination fees for B. Tech and M. Tech program.

Item no. 1.12

Any other item with the permission of the chair

Inputs from Dr. K. Shrinivas

- Dr. K. Shrinivas sir congratulated all the stake holders of TKIET for acquiring Autonomy and provided following suggestions:
    1. Institute should do out of box things for standing different from rest of the Autonomous Institutes.
    2. Always be ready to seek external help, whenever required.
    3. Autonomy may bring additional administrative work but it should not hamper the teaching learning process.
    4. For improving the skill sets of the teachers as per trends a training program to the teachers should be organised on the regular basis.

Inputs from Dr. Mukul S. Sutaone

- Dr. Mukul S. Sutaone sir asked to submit the OBE based curriculum booklet consist of course dependency chart, pie chart and pre-requisite for the all the programs.

Inputs from Dr. Pritam Mohite

- Dr. Pritam Mohite sir said, in coming years mode of instruction and mode of evaluation would change gradually hence institute should make sure the students have the facilities; in case a student not having the facilities like internet or any other; It

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was expected that institute should provide the printed materials of course notes, manuals and practical journals .

- For the laboratory and experiments, sir suggested that a faculty should record a video for the students and conduct interactive sessions.

- *Chairman, Academic Council assured that said suggestions and recommendations would be incorporated and the action taken report (ATR) will be submitted in the next meeting of Academic Council.*

Vote of Thanks

Dr. K.I.Patil, Member Secretary summarized the proceedings of the meeting. On behalf of the institute he thanked all the members for joining the meeting in the current critical situation and proving their valuable inputs on the items. With the permission of the Chainman, he closed the meeting and appeals everyone to STAY SAFE & STAY AT YOUR HOME.

Dr. K.I. Patil
Member Secretary

Dr. S.V. Anekar
Chairman, Academic Council

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