Minutes of

10th Academic Council Meeting

of

KLE Technological University,

Hubballi, Karnataka

December 21, 2019

Venue: Senate Hall of the University

KLE Technological University
(Established under Karnataka Act No.22, 2013)

The following are the minutes of the Academic Council Meeting of KLE Technological University, Hubballi, which was held on 21-12-2019 at 10.00 am at the Senate Hall of the University.

The following Members were Present.

Sr	Name	Designation	Position
1.	Dr Ashok Shettar	Vice Chancellor	Chairman
2.	Dr Lokesh Boregowda	Director, Vision Research	Member
3.	Dr KNS Acharya	VP KPIT Technologies	Member
4.	Dr. Manjunath D	Prof IIT, Bombay	Member
5.	Dr. N.H. Ayachit	Registrar	Member Secretary
6.	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
7.	Prof B L Desai	Executive Dean	Member
8.	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member
9.	Dr Uma K Mudenagudi	Dean R & D	Member
10.	Dr Meena S M	Head of School of CSE	Member
11.	Dr Nalini	Head of School of ECE	Member
12.	Dr S S Quadri	Head of School of Civil Engg	Member
13.	Dr A.B.Raju	Head, E&E Dept	Member
14.	Dr U M Muddapur	Head of BT Dept	Member
15.	Prof Vinaya Hiremath	Head, School of Architecture	Member
16.	Dr P R Patil	Head of MCA Dept	Member
17.	Dr Sanjay Kotabagi	Head of Humanities Dept	Member
18.	Dr. S.V. Patil	Head of SMSR	Member
19.	Prof TVM Swamy	Freshman Coordinator	Member
20.	Dr A V Nandi	Controller of Examinations	Member
21.	Dr G H Joshi	Director CEER	Member
22.	Prof Nitin Kulkarni	Director CTIE	Member
23.	Prof C D Kerure	Placement Officer	Member
	Invitee		
1.	Sri. Balaji Holur	VP, Samsung R&D	Member

The following members have sought leave of absence:

SL	Name	Designation	Position
1	Dr Srinivas Viravalli	Professor, IIT Delhi	Member
2	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member
3	Dr Satyajit Majumdar	Professor, TISS Mumbai	Member
4	Prof Arun C Giriyapur	Head of ARE Dept	Member

Agenda

Sl No	Particulars	Page No.	Time Allotted in Minutes
10.1	To read and confirm the minutes of the previous meeting held on 3rd May 2019.	1	5
10.2	To confirm the action taken report on the minutes of the previous meeting held on 3rd May 2019.	4	30
10.3	To consider and approve a) The Prof. B.S. Sonde committee report, for the institution of '**Part-time Industry-Integrated, Lateral Entry B.E. Degree Programme in *Electronics & Communication Engineering for KPIT Technologies employees'** by the University from Jan 2020. b) To consider and approve the 'Scheme and syllabi' recommended by the E&C Board of studies regarding the said part time B.E. degree. c) To consider and approve the regulations governing the 'Part-time B.E. degree programme for the industry employees' in general.	7	60
10.4	To discuss and recommend continuation/discontinuation of existing M.Tech programmes in view of changing industry scenario and students demand for these programmes.	10	45
10.5	To consider and approve the 'New Curriculum Structure' for the PG programmes from the academic year 2020-21.	12	15
10.6	To discuss and approve the proposed changes in Rules and Regulations governing PhD programme.	13	30
10.7	To discuss and approve the proposed changes in Rules and Regulations governing UG programme	16	20
10.8	To ratify the action taken regarding the announcement of results of May-June 2019 exam and discuss the Program Outcomes attainments along with stakeholders feedback.	17	60
10.9	Any other subject with the permission of the Chair.	18	5
	Table Agenda 1: To consider request of re-registration issue of Research Scholars.	18	
	Table Agenda 2: To provide information as per the request of Hon'ble member Shri Balaji Holur.	18	

AC 10.1	To read and confirm the minutes of the previous meeting held on 3rd May 2019.

The following are the minutes of the Academic Council Meeting of KLE Technological University, Hubballi, which was held on 03-05-2019 at 10.00 am at the Senate Hall of the University.

The following Members were Present.

Sr	Name	Designation	Position
24.	Dr Ashok Shettar	Vice Chancellor	Chairman
25.	Sri KNS Acharya	VP KPIT Technologies	Member
26.	Dr. Manjunath D	Prof IIT, Bombay	Member
27.	Dr Satyajit Majumdar	Professor, TISS Mumbai	Member
28.	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member
29.	Prof B L Desai	Registrar	Member Secretary
30.	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
31.	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member
32.	Dr Uma K Mudenagudi	Dean R & D	Member
33.	Dr Meena S M	Head of School of CSE	Member
34.	Dr Nalini	Head of School of ECE	Member
35.	Dr S S Quadri	Head of School of Civil Engg	Member
36.	Dr A.B.Raju	Head, E&E Dept	Member
37.	Prof Arun C Giriyapur	Head of ARE Dept	Member
38.	Dr U M Muddapur	Head of BT Dept	Member
39.	Prof Vinaya Hiremath	Head, School of Architecture	Member
40.	Dr P R Patil	Head of MCA Dept	Member
41.	Dr Sanjay Kotabagi	Head of Humanities Dept	Member
42.	Dr. S.V. Patil	Head of SMSR	Member
43.	Prof TVM Swamy	Freshman Coordinator	Member
44.	Dr A V Nandi	Controller of Examinations	Member
45.	Dr G H Joshi	Director CEER	Member
46.	Prof Nitin Kulkarni	Director CTIE	Member
47.	Prof C D Kerure	Placement Officer	Member

The following members have sought leave of absence:

SL	Name	Designation	Position
1	Dr Srinivas Viravalli	Professor, IIT Delhi	Member
2	Dr Lokesh Boregowda	Director, Vision Research	Member
3	Dr Balaji Holur	VP, Samsung R&D	Member

AC 9.1	To read and confirm the minutes of the previous meeting held on 2nd March 2019.
	Resolution 9.1: Resolved to confirm the minutes of its 8th meeting held on 2nd March 2019.

AC 9.2	To confirm the action taken report on the minutes of the previous meeting held on 2nd March 2019. **Resolution 9.2: Resolved to confirm the action taken report on the minutes of its 8th meeting held on 2nd March 2019. The Academic Council appreciated the new initiatives taken by the Schools/ Departments.**

AC 9.3	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same:
	    a) VII & VIII Semesters of B.E.(2016-20) and
	    b) B.Arch. (2016-21) programs
	Resolution 9.3: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:
	    a) VII & VIII Semesters of B.E.(2016-20) and
	    b) B.Arch. (2016-21) programs

AC 9.4	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same:
	a) V & VI Semesters of B.E.(2017-21) and B.Arch. (2017-22) programs
	b) V & VI Semesters of M.C.A program (2017-20)
	Resolution 9.4: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:
	    a) V & VI Semesters of B.E.(2017-21) and B.Arch. (2017-22) programs
	    b) V & VI Semesters of M.C.A program (2017-20)

AC 9.5	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: a) III & IV Semesters of B.E. (2018-22) and B.Arch. (2018-23) programs b) III & IV Semesters of M.Tech (2018-20) and IV, V & VI Terms of M.B.A (2018-20) programs and c) III & IV Semesters of M.C.A (2018-21) **Resolution 9.5: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:** **a) III & IV Semesters of B.E. (2018-22) and B.Arch. (2018-23) programs** **b) III & IV Semesters of M.Tech (2018-20) and IV, V & VI Terms of M.B.A (2018-20) programs and** **c) III & IV Semesters of M.C.A (2018-21)**

AC 9.6	**To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:**
	
	a) Schemes for batches starting from 2019, of BE (I to VIII Semesters), B.Arch (I to X Semesters), M.B.A (I to VI Terms), M.Tech (I to IV Semesters), MCA (I to VI Semesters).
	
	b) Syllabi for batches starting from 2019 of following programs:
	    i. **I & II Semesters of B.E. and B.Arch.**
	    ii. **I & II Semesters of M.Tech, M.C.A**
	    iii. **I, II & III Terms of M.B.A**
	    iv. **I & II Semesters of B.Sc (Electronics)**
	
	c) Scheme of B.B.A. (I to IX Terms) & Syllabus of I, II & III Terms of B.B.A
	
	Resolution 9.6: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:

	a) Schemes for batches starting from 2019, of BE (I to VIII Semesters), B.Arch (I to X Semesters), M.B.A (I to VI Terms), M.Tech (I to IV Semesters), MCA (I to VI Semesters).
	 b) **Syllabi for batches starting from 2019 of following programs:**
	     i. **I & II Semesters of B.E. and B.Arch.**
	     ii. **I & II Semesters of M.Tech, M.C.A**
	     iii. **I, II & III Terms of M.B.A**
	     iv. **I & II Semesters of B.Sc (Electronics)**
	 c) **Scheme of B.B.A. (I to IX Terms) & Syllabus of I, II & III Terms of B.B.A**

AC 9.7	Any other subject with the permission of the Chair.

Action Requested: To confirm the minutes of the previous meeting held on 3rd May 2019.

Discussion:

Resolution 10.1: Resolved to confirm the minutes of its 9th meeting held on 3rd May 2019.

AC 10.2	To confirm the action taken report on the minutes of the previous meeting held on 3rd May 2019.	
Item No.	**Description**	**Action Taken**
AC 9.1	To read and confirm the minutes of the previous meeting held on 2nd March 2019. **Resolution 9.1: Resolved to confirm the minutes of its 8th meeting held on 2nd March 2019.**	Noted.
AC 9.2	To confirm the action taken report on the minutes of the previous meeting held on 2nd March 2019. **Resolution 9.2: Resolved to confirm the action taken report on the minutes of its 8th meeting held on 2nd March 2019. The Academic Council appreciated the new initiatives taken by the Schools/ Departments.**	The Academic Council Noted the actions taken on the minutes of the 8th AC meeting held on 2nd March 2019.

AC 9.3	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same:
	   c) VII & VIII Semesters of B.E.(2016-20) and
	   d) B.Arch. (2016-21) programs
	Resolution 9.3: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:
	   c) VII & VIII Semesters of B.E.(2016-20) and
	   d) B.Arch. (2016-21) programs
		The Academic Council approved syllabi of 7th and 8th semesters of BE, and B.Arch programmes for the academic year 2019-20 is being implemented.

AC 9.4	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: a) V & VI Semesters of B.E.(2017-21) and B.Arch. (2017-22) programs b) V & VI Semesters of M.C.A program (2017-20) **Resolution 9.4: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:** **d) V & VI Semesters of B.E.(2017-21) and B.Arch. (2017-22) programs**	The Academic Council approved syllabi of 5th and 6th semesters of BE, B. Arch and MCA programmes for the academic year 2019-20 is being implemented.

	e) **V & VI Semesters of M.C.A program (2017-20)**	
AC 9.5	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: a) III & IV Semesters of B.E. (2018-22) and B.Arch. (2018-23) programs b) III & IV Semesters of M.Tech (2018-20) and IV, V & VI Terms of M.B.A (2018-20) programs and c) III & IV Semesters of M.C.A (2018-21) **Resolution 9.5: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:** a) **III & IV Semesters of B.E. (2018-22) and B.Arch. (2018-23) programs** b) **III & IV Semesters of M.Tech (2018-20) and IV, V & VI Terms of M.B.A (2018-20) programs and** c) **III & IV Semesters of M.C.A (2018-21)**	The Academic Council approved syllabi of 3rd and 4th semesters of BE, B.Arch, M.Tech, MBA and MCA programmes for the academic year 2019-20 is being implemented.

AC 9.6	To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:
	
	a) **Schemes for batches starting from 2019, of BE (I to VIII Semesters), B.Arch (I to X Semesters), M.B.A (I to VI Terms), M.Tech (I to IV Semesters), MCA (I to VI Semesters).**
	
	b) **Syllabi for batches starting from 2019 of following programs:**
	   i. **I & II Semesters of B.E. and B.Arch.**
	   ii. **I & II Semesters of M.Tech, M.C.A**
	   iii. **I, II & III Terms of M.B.A**
	   iv. **I & II Semesters of B.Sc (Electronics)**
	
	c) **Scheme of B.B.A. (I to IX Terms) & Syllabus of I, II & III Terms of B.B.A**
	
	Resolution 9.6: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:
	a) **Schemes for batches starting from 2019, of BE (I to VIII Semesters), B.Arch (I to X Semesters), M.B.A (I to VI Terms), M.Tech (I to IV Semesters), MCA (I to VI Semesters).**
		The Academic Council approved syllabi of 1st and 2nd semesters of BE, B.Arch, M.Tech, MBA, MCA and B.Sc (Electronics) programmes for the academic year 2019-20 is being implemented.

	b) Syllabi for batches starting from 2019 of following programs:
	  v. I & II Semesters of B.E. and B.Arch.
	  vi. I & II Semesters of M.Tech, M.C.A
	  vii. I, II & III Terms of M.B.A
	  viii. I & II Semesters of B.Sc (Electronics)
	c) Scheme of B.B.A. (I to IX Terms) & Syllabus of I, II & III Terms of B.B.A	

AC 9.7	Any other subject with the permission of the Chair. NIL	--

Action Requested: The Academic Council is requested to confirm the action taken report on the minutes of the previous meeting held on 3rd May 2019.

Discussion:

Resolution 10.2: Resolved to confirm the action taken report on the minutes of its 9th meeting held on 3rd May 2019.

AC 10.3	**To consider and approve** a) **The Prof. B.S. Sonde committee report, for the institution of 'Part-time Industry-Integrated, Lateral Entry B.E. Degree Programme in Electronics & Communication Engineering for KPIT Technologies employees' by the University from Jan 2020.** b) **To consider and approve the 'Scheme and syllabi' recommended by the E&C Board of studies regarding the said part time B.E. degree.** c) **To consider and approve the regulations governing the 'Part-time B.E. degree programme for the industry employees' in general.**

Background

- Request by KPIT Technologies regarding KLE Tech offering BE programme for KPIT Technologies employees on 3rd May 2019.
- Dean Academics discussed the issue with Vice Chairman of AICTE on 10th May 2019, whose response was positive and encouraged to submit a report.
- Two days' workshop was conducted on 13th & 14th June 2019 to understand the need and challenges in offering such a programme. Further programme details w.r.t number of credits, modules, semester/trimester, duration of the programme etc were also discussed.
- Letter of intent to establish collaboration for Diploma Engineer's Bachelor's Degree Program for KPIT Engineers was given by KPIT Technologies to KLE Tech on 28th June 2019.
- The Vice Chancellor of the University constituted a committee under the Chairmanship of Late Prof. B.S. Sonde and Prof. Prakash Tewari, Dean Academics as its Member Secretary vide Notification dated 19th September 2019.
- The committee visited KPIT's Pune campus on 30th September and Bengaluru campus on 10th October 2019. The Committee submitted its report to the Vice Chancellor.

Salient features of the Recommendation of the Committee is enclosed in annexure 1.

The relevant proposed "Scheme & syllabi' is enclosed in annexure 2 while the 'draft regulations" are enclosed in annexure 3

The salient points regarding draft regulations are as below.

- **Fee Fixation:** As per the agreed norms between university and of a particular industry/ firm / organization

- **Admission**
  The following categories of students shall be eligible for lateral entry to the 2nd Year of the B.E. Degree Programme.

  Passed Diploma examination with at least 45% marks (40% in case of candidates belonging to reserved category) in appropriate branch of Engineering

and Technology.

Passed B.Sc. Degree from a recognized University as defined by UGC, with at least 45% marks (40% in case of candidates belonging to reserved category) and passed 10+2 examination with Mathematics as a subject(with appropriate equivalence to be approved by Equivalence committee of the University for a particular specialization in Engineering),

The students belonging to B.Sc. Stream, shall clear the subjects Engineering Graphics/ Engineering Drawing and Engineering Mechanics or equivalence subjects as proposed in the First Year Engineering Programme along with the Second year subjects.

The students belonging to B.Sc. Stream shall be considered only after filling the supernumerary seats in this category with students belonging to the Diploma stream.

Candidates having regular full-time employment at the Industry Partner's premises and those fulfilling the above eligibility requirements and nominated by the Industry Partner as per the provisions of the MOU with the University shall be eligible for enrollment in the Programme.

In case of change of industry/company during the completion of the program the candidate shall bring it to the notice of the University and the collaborating industry/ company. He / She shall not be allowed to continue the program

- **Place of conduct of Teaching - learning and sharing work load along with the mode of delivery**
  The premises for teaching –learning process can be shared between the University and Industry/company as per the programme and curriculum requirement i.e on-campus (both industry and educational institution) or off-campus.

  The qualified teaching faculty from university and qualified experts who are recognized by the university as per the norms shall share the work.

- The instructions can be

  a) in and over physical and virtual spaces,

  b) online and offline environments

- **Programme of Study duration**

  The minimum duration of this programme shall be four years and the maximum duration shall be twice the minimum duration. The maximum duration of the programme shall be twice the minimum duration above which the candidate shall deemed to be discontinued from the programme.

- **Structure of a programme**
  Each academic year shall consist of three regular terms (trimester), Term I and IV, Term II and V and Term III and VI and a fast track (Summer) term.

Action Requested: The Academic Council is requested to consider and approve the institution of part-time industry-integrated, lateral entry B.E. degree programme.

Discussion: Dr. Tewari, Dean Academics, presented the Prof. B S. Sonde Committee report for the institution of 'Part-time Industry-Integrated, Lateral Entry B.E. Degree Programe in Electronics & Communication Engineering for KPIT Technologies employees'. Participating in the discussions Members made the following suggestions/observations:

1. AICTE has stopped approving Part-time programmes, hence it will be a Regular Electronics and Communication Engineering (Industry-Integrated Emerging Areas) Programme.

2. Call the trimester as quarter

3. Provide 4 to 5 weeks of revision time before conducting the ESA.

4. No reduction in working hours for the employees who enroll for this programme.

5. Members wanted to know how this programme will be beneficial to KLE Tech faculty.

6. Faculty industry-internship is one of the benefit but deliverables after the industry-internship need to be thought off.

7. There is a scope for other adjunct faculty to deliver courses.

8. There is a need to align University PhD programs with students' industry projects of this programme.

9. There is a need to conduct pre and post surveys to know the effectiveness of the programme and its outcome needs to be shared with the Academic Council.

10. Spectacular initiative go ahead and start.

Resolution 10.3: Resolved:
   a) **To accept the Prof. B.S. Sonde committee report, for the institution of 'Regular Industry-Integrated', Lateral Entry B.E. Degree Programme in Electronics & Communication Engineering for KPIT Technologies employees' by the University. The Council recommends the BOG to consider and approve the starting of the said Programme at the earliest as per the norms.**
   b) **To approve the 'Scheme and syllabi' recommended by the E&C Board of studies.**
   c) **To approve regulations governing the 'Regular B.E. degree programme for the industry employees' with a modification that the trimester term shall be changed quarter term and recommends the BOG to consider and approve the same.**

AC 10.4	**To discuss and recommend continuation/discontinuation of existing M.Tech programmes in view of changing industry scenario and students demand for these programmes.**

Admissions to M.Tech programmes are on decline over the past few years in general and in few of the programmes it is less than 50%. The University cannot apply for accreditation if the admissions are less than 60%, which in-turn will affect NIRF ranking of the University. With lesser demand for some of the M.Tech programmes the input quality of students is getting affected, which will further impact the curriculum design, delivery and assessment. Reduced admissions will make these programmes financially unviable in the long run. In view of this there is a need to evaluate the continuation of M.Tech programmes currently offered by the University.

The admissions for the last 3 years are as below:

SL	Program	Intake	Admitted 2017-18	Admitted 2018-19	Admitted 2019-20
1	**Structural Engineering**	18	15	18	16
2	**Production Management**	18	08	05	07
3	**Energy Systems Engg.**	18	10	03	09
4	**Computer Science**	24	19	17	20
5	**Digital Electronics**	24	14	18	14
6	**VLSI Design & Embedded Systems**	24	15	18	12
7	**Machine Design**	24	12	18	13

A review meeting was held on 25th November 2019, which was chaired by the Hon'ble Vice Chancellor and Heads of Schools presented their analysis. Further one more meeting was held on 13th December 2019. The following conclusions were drawn:

1. M.Tech programmes suggested for continuation: Structural Engineering, Machine Design, Digital Electronics, VLSI Design & Embedded Systems, Computer Science.

2. M.Tech programmes suggested for continuation with change of name: Production Management.

	3. M.Tech programmes suggested for discontinuation: Energy Systems Engineering The Head of Schools will make a brief presentation on strategies/actions initiated by the respective schools to achieve better attainment in students' learning and placement.

Action Requested: The Academic Council is requested to discuss and recommend the continuation/discontinuation of existing M. Tech programmes.

Discussion: Dean Academics presented the summary of admissions of all M.Tech programmmes over last 3 years. The heads of schools offering M.Tech programmes presented the details of respective M.Tech programme's regarding their admissions, placements and industry collaborations.

Members discussed the trend of admissions and their sustainability in future of M.Tech programmes and made the following suggestions/observations:

1. Ability to attract M.Tech students with traditional methods is facing problems

2. Even in IITs drop out percentage is as high as 30-40% in PG programmes

3. There is a need to re-design the M.Tech programmes

4. M.Tech programmes need to be industry focused

5. Involve industry experts in course design

6. Conduct one day workshop to discuss new approach to be taken in designing M.Tech programmes in the light of decreasing admissions and increasing demand for M.Tech graduates by industry with appropriate skill-sets.

7. There is a need to talk to industry to know there expectations and their willingness to become partners in offering Masters programmes.

8. M.Tech programmes should be seen as feeder to PhD programmes. Making Master's programmes successful is essential for the success of our PhD programmes

9. Undergraduates resign within 2.5 years, but M.Tech graduates stay for longer duration, hence demand for Masters is increasing.

10. Master programmes should be reformed in 2020.

Resolution 10.4: Resolved to
a) **Conduct a workshop to discuss new approach to be taken in designing M.Tech programmes before the next Academic Council Meeting.**
b) **Recommend to continue all M. Tech programmes except 'Energy Systems Engineering' for the academic year 2020-21. Further, the Council recommends the BOG to consider the same and approve.**
c) **Recommend the BOG to consider and approve the Change of titles of 'Machine design' and 'Production Management' M.Tech programmes.**

AC 10.5	**To consider and approve the 'New Curriculum Structure' for the PG programmes from the academic year 2020-21.**
	To make M.Tech programmes industry oriented and its graduates more employable with relevant skill sets a 'New Curriculum Structure' is felt necessary, in this direction discussions are going-on and will be presented Dean Academics during the Academic Council meeting.

Action Requested: The Academic Council is requested to discuss and approve the 'New Curriculum Structure' for the PG programmes from the academic year 2020-21.

Discussion: Members asked to conduct one day workshop in the month of April to discuss the 'New Curriculum Structure' for the PG programmes from the academic year 2020-21. Preparation for the workshop should start in next 2 weeks.

- o Person like Mr. Manjunath Hebbar of NASSCOM may be useful for restructuring the MTech curriculum.
- o Initial discussion should happen through Email and video conference before the two months of the workshop.
- o Plan program well in advance and write your expectation clearly.
- o Make video conference meeting with industry experts and share your expectations.
- o Include AC members in the conference calls and they will help or try to get the best out of industry. Bring other industry person also. Keep the participation open to all industry. Identify people from industry who can come prepared and make active participation.
- o There was a suggestion to conduct meeting at Bangalore, if possible.
- o Show case all the initiatives and best things of KLE Tech to the industry person invited. It is a good opportunity to show case your work to the industry people.
- o Target 10-15 companies. Include other faculty from IIT/ IISc.
- o Let the tentative date for the workshop be 11th April 2020. Let there be 'General Session' in the morning; 'Breakout Session' in the afternoon and a 'Summary Session' in the evening.

Resolution 10.5: Resolved to approve to offer a 'Project Course' of 3 credits during second semester of M.Tech programmes and build enough flexibility for students to do projects either in the University or in industry during 3rd and/or 4th semesters.

No.	Existing	No.	Proposed
1.3.3	**Comprehensive Viva-voce (Part-II):** The Research scholars shall request to conduct the comprehensive viva after successful completion of Part-I. After the successful completion of Comprehensive viva, Research scholar's PhD admission gets confirmed.	1.3.3	**Comprehensive Viva-voce (Part-II):** The candidate shall request to conduct the comprehensive viva after successful completion of Part-I and present his/her topic to SRC and internal and external examiners. After the successful completion of Comprehensive viva, candidate's PhD registration is confirmed.
i	(a) The research scholar shall submit a written request, with the report on research plan and progress, for the conduct of comprehensive Viva Voce, within *SIX* months after successful completion of Coursework. Or In case, the research scholar is not able to complete the comprehensive viva within SIX months after the completion of the course work the RPC shall be free to allow a further extension period to complete the comprehensive exam on receipt of a written request from the candidate with the recommendations of RRC and SRC. from the candidate with the recommendations of RRC and SRC. (b) The Supervisor/s of the research scholar in consultation with the Head of the school shall conduct the comprehensive Viva Voce in the English language preferably within *four* weeks. (c) The Comprehensive Viva Voce shall consist of a presentation by the research scholar on his/her topic of research, including the work done till date and the proposed future work. The examiners shall test the research scholar for fundamental concepts in the coursework and applied knowledge to carry out the proposed research work. (d) The comprehensive Viva Voce shall be oral examination consisting of the head of the school, research supervisor/s (as examiners) and two external examiners as decided by the RPC.	i	(a) The candidate shall submit a written request to Dean (R&D) with the recommendations of RRC and SRC with the report on research progress and with future research plan for the conduct of comprehensive Viva Voce, within **one year** after successful completion of Coursework. (b) The four copies of comprehensive viva reports submitted by the candidate along with list of four external examiners identified by RRC shall be forwarded through Head of School / Department to CoE by the supervisor in a closed envelope with recommendations from SRC to conduct comprehensive viva voce examination. (c) The office of the CoE shall take the recommendations from Dean R & D for two external examiners. The Dean R&D shall recommend two external examiners to CoE preferably from the list of recommended examiners. CoE shall make a necessary arrangements to conduct comprehensive viva in consultation with Supervisor and Head of the School/Department. (d) The Head of the School / Department in consultation with Research Supervisor and external examiners shall schedule the

AC 10.6 | **To discuss and approve the proposed changes in Rules and Regulations governing PhD programme.**

Some of the regulations required modifications to streamline administrative process. The original regulations and modified regulations are presented below.

Proposed Amendments of KLE Tech PhD regulations

	Examiners shall communicate the result of the Comprehensive Viva Voce to the RPC as: a. Performance is satisfactory and the research scholar shall continue the research work with the refining of thesis title, objectives and orientation if any, OR b. Performance is not satisfactory and research scholar needs strengthening of knowledge and suggesting a date preferably within the next *three* months for re-examination, OR c. c. If the result of comprehensive viva voce of a research scholar is not satisfactory even after the re-examination, the provisional registration of the research scholar shall stand cancelled automatically.		date/time for the comprehensive Viva Voce and conduct the same preferably within *four* weeks based on the written request from the candidate. (e) The comprehensive viva shall be conducted in English language and shall be a closed-door oral examination. The two external examiners and supervisors shall act as examiners and the SRC members shall attend the comprehensive viva. (f) The Comprehensive viva voce shall consist of a presentation by the candidate on his/her topic of research, including the work done till date and the proposed future work. The examiners shall test the candidate for fundamental concepts in the coursework and applied knowledge to carry out the proposed research work. (g) The examiners shall forward the results of comprehensive viva to CoE indicating the following comments appropriate to the candidate. The performance of the candidate is satisfactory and the candidate is permitted to continue the research work. OR The performance of the candidate is not satisfactory. It is suggested to improve in the areas of concern pointed out by the examiners. Further, it is recommended for re-examination within next three months. The committee may suggest refining of thesis title, objectives and orientation. (h) In case, the examiners do not recommend the continuation of research work by the candidate even after the second attempt, the provisional registration of the candidate shall stand cancelled automatically. (i) In case of health/employment related problems, if a candidate is unable to take the comprehensive Viva Voce as above, the RPC may consider granting extension for a maximum period of **one year** for

			this purpose, based on written request from the candidate with the recommendations of the Research Supervisor (s), the SRC and RPC. (j) The CoE shall declare the results of comprehensive viva if the recommendations are satisfactory, the Dean R & D, shall issue the letter of confirmation of PhD registration.
1.3.9	**Minimum Period for Submission of Thesis by** (a) Full Time research scholars: Full-Time research scholar for the PhD Degree shall be normally eligible for submission of the Thesis after a minimum period of *TWO* years from the date of provisional registration, subject to fulfilment of all the prescribed requirements. (b) Part-time research scholars: Part -Time research scholar for the PhD Degree shall be normally eligible for submission of the Thesis after a minimum period of *FOUR* years from the date of provisional registration, subject to fulfilment of all the prescribed requirements. However, the research scholar may be allowed to submit Thesis before FOUR years with recommendation by the RRC, SRC and RPC with the approval of Academic Council.	1.3.9	**Minimum Period for Submission of Thesis by** (a) Full Time research scholars: Full-Time research scholar for the PhD Degree shall be normally eligible for submission of the Thesis after a minimum period of **THREE** years from the date of provisional registration, subject to fulfilment of all the prescribed requirements.
1.3.10	**Maximum Period for Submission of Thesis by** (a) Full Time research scholars: • The maximum period for submission of the PhD Thesis by Full-Time research scholar shall be *FIVE* years from the date of provisional registration with 1 year extension with the recommendations of RPC. (b) Part-time research scholars • The maximum period for submission of the Thesis for Part-Time research scholar shall be *SIX* years from the date of provisional registration with 1 year extension with the recommendations of RRC, SRC and RPC.	1.3.10	**Maximum Period for Submission of Thesis by** (a) Full Time research scholars: • The maximum period for submission of the PhD Thesis by Full-Time research scholar shall be *SIX* years from the date of provisional registration with 1 year extension with the recommendations of RPC and approved by the Vice Chancellor. (b) Part-time research scholars • The maximum period for submission of the Thesis for Part-Time research scholar shall be **SEVEN** years from the date of provisional registration with 1 year extension with the recommendations of RPC and approved by the Vice Chancellor.

Action Requested: The Academic Council is requested to discuss and approve the proposed changes in Rules and Regulations governing PhD programme.

Discussion:

Resolution 10.6: Resolved to approve the proposed changes in Rules and Regulations governing PhD programmes.

AC 10.7	To discuss and approve the proposed changes in Rules and Regulations governing UG programmes.
	The regulations regarding capstone project and industry-internship have been modified to ensure students gain enough experience in solving complex engineering problems. To accomplish this 'Senior Design Project' of 6 credits is proposed during 7th semester borrowing 3 credits from the 8th semester capstone project and 3 credits from an open elective of 7th semester. The original regulations and modified /new regulations are presented below.

Earlier regulation	New regulation
No project work during 7th semester. All students have to do capstone project only during 8th semester either at the University or at the industry. Students who opt for 'Industry-internship' for the entire semester can do project work of 14 credits and internship training of 6 credits at the industry only.	**All students have to do 'Senior Design Project' of 6 credits during 7th semester and during 8th semester students have the option of doing capstone project at the University or at the industry, if they opt for 'Industry-internship'.**

Earlier regulation table:

Semester	Course	Credits
8	• PE • OE • Capstone Project	03 03 14
	OR	
	• Internship • Capstone Project	06 14

New regulation table:

Semester	Course	Credits
7	• Senior Design Project	06
8	• PE • OE • Capstone Project	03 03 11
	OR	
	• Internship • Capstone Project	06 11

Action Requested: The Academic Council is requested to discuss and approve the proposed changes in Rules and Regulations governing UG programme.

Discussion: Following are comments/observations made by the members:

- o Industry projects are not meeting the quality and expectations. Complexity of the problem is very low. The kind of support system given by the industry to the students is not good enough. The guide allocation was delayed by few of the industries. Project reports are not so good.
- o Decided to do engage students in doing 'Senior Design Project' during 7th Semester before students go for internship in the 8th Semester.
- o Some of the Industries are not interested in student projects but only in student's internship.

Resolution 10.7: Resolved to approve the proposed norms regarding 'Capstone Project' and 'Industry-Internship' of UG programmes to be implemented from the academic year 2020-21.

AC 10.8	**To ratify the action taken regarding the announcement of results of May-June 2019 exam and discuss the Program Outcomes attainments along with stakeholders feedback.**
	The results of the examination conducted since last Academic Council meeting (May/June 2019) and subsequent summer semester 2019 are placed before the Council. *Sample of the data and its analysis is enclosed in annexure 4.*

Action Requested: The Academic Council is requested to ratify the action taken regarding the announcement of results.

Discussion: Prof. N.H. Ayachit, Registrar, presented the results analysis of UG and PG programs. Participating in the discussions members made following suggestions/ observations:

- Result analysis is very good, entire team is doing very well.

- Restructure of entire Contineo database. For results analysis the existing data structure is not suitable.

- The average grade is 7.0, which indicates good firmness in the assessment.

- Members wanted to know the reasons for poor performance by students admitted under management quota and suggested to have different strategy for improving their performance.

- Direct program outcomes attainment based on the results and indirect attainment based on the stakeholders' feedback analysis is looked into and the process carried out by the University was appreciated.

Resolution 10.8: Academic Council ratified the action taken regarding the announcement of results and approved the analysis of results and program outcomes attainment (Direct based on results & Indirect based on stakeholders' feedback).

AC 10.9	Any other subject with the permission of the Chair.

Table Agenda 10.9.1: To consider request of re-registration issue of Research Scholars.

Discussions: Both the Dean Academics and the Vice-Chancellor explained the context and the need for re-registration of research scholars. Following are the questions posed to the members of the Academic Council:

1. Whether the RET exemption can be given to the re-registered candidates? and
2. Whether the PhD Course work can be exempted for the re-registered candidates?

○ Members expressed that RET Exemption may be given to all students but Re-registration should be decided by the committee looking into merit of each case.

Resolution 10.9.1: Resolved to approve the exemption of 'Research Entrance Test' to all 11 candidates who have requested re-registration, however granting permission to re-registration will be the decision of the committee on individual basis.

Table Agenda 10.9.2: To provide information as per the request of Hon'ble member Shri Balaji Holur (Information agenda)

Discussions: Dr Ashok Shettar, Vice-Chancellor made a detailed presentation in response to the following information requested by Shri Balaji Holur:

1. What were top 5 things that changed/accomplished in 2019 including number of patent & publications?

2. What were the disappointments of 2019 against our set goals?

3. What is the top 3 areas of our focus for 2020 and what support do you need from the council members? How do you plan to measure the effectiveness? ie...Key Performance Indicators

4. What is that 1 thing at the Organizational level you will change compared to 2019?

5. What actions have we taken in 2019 to improve faculty capabilities other than the FDP [unfortunately FDP does not figure high in my view] program?

Participating in the discussions members suggested following action items in order to address few of the key issues raised by the Vice-Chancellor:

Action Item #	Issue raised in the previous AC Meeting	Person Responsible	Time-line
1.	To develop the 2 year cycle for IREF	Mr. Balaji Holur, Dr D Manjunath, Dr Lokesh Boregouda with Dr Uma K M.	15th March 2020
2.	Identify and share names of research groups to external Academic Council members	Dr Uma K M	15th January 2020
3.	To suggest names of industry/ institute experts to the different research groups identified by the University	Mr. Balaji Holur, Dr D Manjunath, Dr Lokesh Boregouda , Dr KNS Acharya with Dr Uma K M.	15th March 2020

- Form a separate committee at University level to look into NIRF ranking requirements and have monthly review. Strategy is absolutely necessary.
- Number of citations is better than H-index.
- In order to score higher in perception focus on Branding.
- Be clear about academic goals for 2020.
- Placement analysis is required and also what percentage of internships are paid ones.
- Re-orientation in mathematics teaching is required.
- Faculty of Electrical and Electronics should be asked to align with research groups of allied disciplines.
- Faculty evaluation is a very good practice but communicate this to all faculty personally not through emails.
- Performance Linked Basic model is worth it. It is revolutionary.
- Collaboration between departments and performance evaluation are meant to bring change in behavior but the question is how you measure behavior.
- Entire thought process on Research is appreciable.