

# **Minutes**

**7<sup>th</sup> Executive Council Meeting**

**of**

**KLE Technological University,**

Hubballi, Karnataka

September 20<sup>th</sup>, 2018 at 10 am

Venue: Senate Hall of the University

Hubballi



**KLE** Technological  
University

Creating Value  
Leveraging Knowledge

The following are the minutes of the 7<sup>th</sup> Executive Meeting of KLE Technological University, Hubballi which was held on 20<sup>th</sup> September 2018 at 10 am in the Senate hall of the University.

**The following Members were Present.**

<b>SL</b>	<b>Name</b>	<b>Designation</b>	<b>Position</b>
1	Dr. Ashok S. Shettar	Vice - Chancellor, KLE Technological University	Chairman
2	Dr. Madhusudan Atre	Former MD, AMD India Nominee of Sponsoring Body	Member
3	Dr. Prakash G. Tewari	Dean Academic Affairs	Member
4	Prof. B.L.Desai	Registrar	Member
5	Dr. B.B. Kotturshettar	Dean Planning and Development	Member
<b>Invitee</b>			
6	Dr. Uma M	Dean R&D	Member

**The following members sought the leave of absence**

<b>SL</b>	<b>Name</b>	<b>Designation</b>	<b>Position</b>
1	Dr. Syed Shakeeb Ur Rahman	Member	Member

# Agenda

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<b>EC 7.1</b>	<b>To confirm the minutes of the previous meeting held on 15<sup>th</sup> March 2018.</b>
EC 6.1	To confirm the minutes of the previous meeting held on 20 <sup>th</sup> September 2017. <b>Resolution 6.1: The Executive Council confirmed the minutes of its 5<sup>th</sup> meeting held on 20<sup>th</sup> September 2017 at Sri. S. Nijalingappa College, Bengaluru.</b>
EC 6.2	To confirm the action taken report on the minutes of the previous meeting held on 20 <sup>th</sup> September 2017. <b>Resolution 6.2: Resolved to confirm the action taken report on the minutes of the previous meeting held on 20<sup>th</sup> September 2017.</b>
EC 6.3	To consider and approve the recommendations of the Admission Committee of the University held on 14 <sup>th</sup> March 2018. <b>Resolution 6.3: Executive Council reviewed the recommendations of the Admission Committee held on 14<sup>th</sup> March and resolved to recommend the same to BOG.</b>
EC 6.4	To discuss the University progress report for the academic year 2017-18 (Information agenda). <b>Resolution 6.4: EC noted the progress report of the University presented by the Vice Chancellor. The members of the EC expressed their satisfaction and appreciation over the progress made by the University during the period.</b>
EC 6.5	To consider and approve proposed changes in curriculum structure of first year. <b>Resolution 6.5: EC noted the proposed changes in curriculum structure of first year.</b>
EC 6.6	To approve the Board of Studies and Board of Examiners approved by the Academic Council. <b>Resolution 6.6: EC approved the Board of Studies and Board of Examiners constituted by the Dean Academics and resolved to recommend to the BOG.</b>
EC 6.7	To discuss and approve results of previous examinations. <b>Resolution 6.7: Executive Council noted the results analysis of Dec 2016/Jan 2017 examination and May/June 2017 examination.</b>
EC 6.8	To discuss and ratify Undergraduate Minor Programme in 'Bioengineering' that has been instituted by the University during even semester of the academic year 2017-18 and also note the scheme and syllabi of the programme. <ul style="list-style-type: none"> <li>• Scheme and Syllabi of Bioengineering' Minor Programme</li> </ul> <b>Resolution 6.8: Executive Council noted the Academic Council approved Schemes and Syllabi of Undergraduate Minor Programme in 'Bioengineering'.</b>
EC 6.9	To review progress of implementation of the 'Strategic Plan' of the KLE Technological University. <b>Resolution 6.9: EC approved the progress of implementation of the 'Strategic Plan' of the KLE Technological University and also the 'Key Performance Indicators (KPIs)' to monitor the progress of it's implementation.</b>
EC 6.10	Any other subject with the permission of the Chair NIL

**Action Requested:** To confirm the minutes of the previous meeting held on 15<sup>th</sup> March 2018.

**Discussion:**

**Resolution 7.1: The Executive Council confirmed the minutes of its 6<sup>th</sup> meeting held on 15<sup>th</sup> March 2018 at KLE Technological University, Hubballi.**

<b>EC 7.2</b>	<b>To confirm the action taken report on the minutes of the previous meeting held on 15<sup>th</sup> March 2018.</b>	
<b>Item No.</b>	<b>Description</b>	<b>Action Taken</b>
EC 6.1	To confirm the minutes of the previous meeting held on 20 <sup>th</sup> September 2017. <b>Resolution 6.1: The Executive Council confirmed the minutes of its 5<sup>th</sup> meeting held on 20<sup>th</sup> September 2017 at Sri. S. Nijalingappa College, Bengaluru.</b>	Noted.
EC 6.2	To confirm the action taken report on the minutes of the previous meeting held on 20 <sup>th</sup> September 2017. <b>Resolution 6.2: Resolved to confirm the action taken report on the minutes of the previous meeting held on 20<sup>th</sup> September 2017.</b>	The Executive Council NOTED the actions taken on the minutes of the 5 <sup>th</sup> EC meeting held on 20 <sup>th</sup> September 2017.
EC 6.3	To consider and approve the recommendations of the Admission Committee of the University held on 14 <sup>th</sup> March 2018. <b>Resolution 6.3: Executive Council reviewed the recommendations of the Admission Committee held on 14<sup>th</sup> March and resolved to recommend the same to BOG.</b>	Notification for admissions to UG, PG and Research programs were given in leading Kannada English newspapers incorporating the recommendations of the admission committee.
EC 6.4	To discuss the University progress report for the academic year 2017-18 (Information agenda). <b>Resolution 6.4: EC noted the progress report of the University presented by the Vice Chancellor. The members of the EC expressed their satisfaction and appreciation over the progress made by the University during the period.</b>	Noted.
EC 6.5	To consider and approve proposed changes in curriculum structure of first year. <b>Resolution 6.5: EC noted the proposed changes in curriculum structure of first year.</b>	After taking approval of the academic council during it's meeting held on 28 <sup>th</sup> April 2018 following changes have been implemented from the academic year 2018-19. • Replacement of 'Computer Aided

		<p>Engineering Drawing' course by 'Data Structures' for Electrical Science (E&amp;E, E&amp;C and CS) students.</p> <ul style="list-style-type: none"> <li>• Sequence of course has been arranged as follows: <ul style="list-style-type: none"> <li>○ 'C-Programming' course in first semester followed by 'Data Structure' course in second semester.</li> </ul> </li> </ul>
EC 6.6	<p>To approve the Board of Studies and Board of Examiners approved by the Academic Council.</p> <p><b>Resolution 6.6: EC approved the Board of Studies and Board of Examiners constituted by the Dean Academics and resolved to recommend to the BOG.</b></p>	The new members have been informed about their roles and responsibilities.
EC 6.7	<p>To discuss and approve results of previous examinations.</p> <p><b>Resolution 6.7: Executive Council noted the results analysis of Dec 2016/Jan 2017 examination and May/June 2017 examination.</b></p>	Noted.
EC 6.8	<p>To discuss and ratify Undergraduate Minor Programme in 'Bioengineering' that has been instituted by the University during even semester of the academic year 2017-18 and also note the scheme and syllabi of the programme.</p> <ul style="list-style-type: none"> <li>• Scheme and Syllabi of Bioengineering' Minor Programme</li> </ul> <p><b>Resolution 6.8: Executive Council noted the Academic Council approved Schemes and Syllabi of Undergraduate Minor Programme in 'Bioengineering'.</b></p>	In the first batch 22 students are pursuing Undergraduate Minor Programme in 'Bioengineering', which has been offered to the students of 4 <sup>th</sup> semester.
EC 6.9	<p>To review progress of implementation of the 'Strategic Plan' of the KLE Technological University.</p> <p><b>Resolution 6.9: EC approved the progress of implementation of the 'Strategic Plan' of the KLE Technological University and also the 'Key Performance Indicators (KPIs)' to monitor the progress of it's implementation.</b></p>	Noted.
EC 6.10	<p>Any other subject with the permission of the Chair</p> <p>NIL</p>	--

**Action Requested:** The Executive Council is requested to confirm the action taken report on the minutes of the previous meeting held on 15<sup>th</sup> March 2018.

**Discussion:** Participating in the discussions Dr. Atre enquired about the reasons for less participation of students from departments other than Biotechnology. To this Dr. Ashok Shettar, Vice-chancellor said that more branding of bio-engineering minor programme is required. Further he added that branding for all minor programmes is required.

**Resolution 7.2: Resolved to confirm the action taken report on the minutes of its 6<sup>th</sup> meeting held on 15<sup>th</sup> March 2018 at KLE Technological University, Hubballi.**



**EC 7.3****To consider and approve the recommendations of the 4<sup>th</sup> Finance Council of the University to be held on 14<sup>th</sup> September 2018.**

The 4<sup>th</sup> Finance Council meeting was held on 14<sup>th</sup> September 2018 and the recommendations are placed before the Executive Council for consideration and approval.

The details of the minutes of the finance council meeting are as below.

**Agenda Point 4.1: To read and confirm the minutes of the previous meeting held on 16<sup>th</sup> September 2017.**

**Resolution 4.1:** Resolved to confirm the minutes of the previous meeting held on 16<sup>th</sup> September 2017.

**Agenda Point 4.2: To consider and approve the Audited Statements of the Financial Year 2017-18**

**Resolution 4.2:** The audited statements of the year 2017-18 were approved. The same is recommended for consideration and approval by the Executive Council.

(Ref: Section 54 of Chapter VI of KLE Technological University Act 2012 and Section 19.8(i) of chapter IV of the statutes of KLE Technological University)

**Agenda Point 4.3: To consider and approve the Budget proposal for the year 2019-20.**

**Resolution 4.3:** The budget for the year 2019-20 is approved. The same is recommended for consideration and approval by the Executive Council.

(Ref: Section 19.8(i) of chapter IV of the statutes of KLE Technological University)

**Agenda Point 4.4: Any other subject with the permission of the Chair.**

**Table Agenda 1: To consider and approve term loan of Rs. 10 crores during F.Y 2018-19 and Rs. 7.5 crores in F.Y. 2019-20 for major capital expenditures.**

**Resolution 4.4:** Resolved to approve the term loan of Rs. 10 crores during F.Y 2018-19 and Rs. 7.5 crores in F.Y. 2019-20 for major capital expenditures.

Note: The loan for Rs.10 crores was approved in the 1<sup>st</sup> Finance Council Meeting. But one of the projects did not begin as planned and only Rs. 4 crores was utilized, hence fresh approval is taken for the year 2018-19.

**Action Requested:** The Executive Council is requested to consider and approve the recommendations of the 4<sup>th</sup> Finance Council of the University held on 14<sup>th</sup> September 2018.

**Discussion:**

**Resolution 7.3: The Executive Council considered the recommendations of the 4<sup>th</sup> finance council held on 14<sup>th</sup> September 2018 and approved the same.**

<b>EC 7.4</b>	<b>To discuss and approve 'Intellectual Property (IP) Policy' of the University.</b>
	KLE Tech recognizes the importance of innovations and assists in translating them into products, processes and services for both commercial benefits and achieves the widest public good. The features of this IP Policy aim to meet such needs and enable KLE Tech to achieve its vision. KLE Tech's IP policy is designed to identify, protect and leverage the bouquet of IPs that is generated from research– patents, copyrights, design rights and trademarks amongst others, that serve the purpose of knowledge diffusion and commercialization.

**Action Requested:** The Executive Council is requested to discuss and approve 'Intellectual Property (IP) Policy' of the University.

**Discussion:** Dr. Atre suggested to re-word 1c on similar lines with 1B.

**Resolution 7.4: The Executive Council approved the 'Intellectual Property (IP) Policy' of the University.**

<b>EC 7.5</b>	<b>To review progress of implementation of the 'Strategic Plan' of the KLE Technological University.</b>
	The Strategic Plan provides an overarching framework of goals and objectives that establishes priorities and informs decision making and annual budgets. KLE Technological University Strategic Plan 2017-22, as the guiding document for the institution was reviewed and approved by the Executive Council on December 27 <sup>th</sup> , 2016 and the Board of Governors on 17 <sup>th</sup> February 2017. The approved 'Strategic Plan' is being implemented. The first review of progress of implementation was carried out during 6 <sup>th</sup> EC meeting held on 15 <sup>th</sup> March 2018. The progress of implementation need to be reviewed and reflected upon annually.

**Action Requested:** The Executive Council is requested to review the progress of implementation of the 'Strategic Plan' of the KLE Technological University.

**Discussion:** The discussions were centered on what is the best way to present progress of implementation of the strategic plan of the University. Dr. Atre suggested re-wording the objectives for quantifying and assigning 1 to 5 numbers for each of the objectives. The present practice of reporting KPIs is not indicating whether somebody is doing good or bad the assigned task. It is more of data compilation and hence no action items possible. Vice-chancellor also agreed on quantifying and reporting and asked the Deans to invest time in quantifying. Dr. Atre volunteered to sit for this activity.

Theme number 1, 2 and 3 were assigned to Dean Academics, Dean R&D and Dean P&D respectively.

**Resolution 7.5: The Executive Council suggested forming 3 groups and allotting one theme to each of the Deans to work out the ways in which the progress of implementation of the strategic plan would be presented.**

- **Dean Academics - : Outstanding Student Experience**
- **Dean R&D - Impactful Research**
- **Dean P&D - Societal Engagement**

<b>EC 7.6</b>	<b>To review progress of implementation of PhD programmes (Information agenda).</b>
	<p>Progress of PhD programs for the year 2017-18 will be presented and it includes:</p> <ol style="list-style-type: none"> <li>1. Admissions and status.</li> <li>2. Review of Research &amp; Development activities of the University.</li> <li>3. Research Budget and it's utilization.</li> </ol>

**Action Requested:** To discuss the progress of implementation of PhD programmes of the University.

**Discussion:** Participating in the discussions Dr. Atre suggested the following guidelines:

1. Faculty should specify the topic of research to guide a PhD student, and get it approved by Dean R&D. This must be finalized before deciding on number of PhD students to be taken. Will be good to admit students for PhD against a specific research topic, and associated guide/faculty.
2. It may be good to get an independent, external evaluation of the proposed PhD research topic – regarding the relevance, importance, etc.
3. If the PhD topic is inter-disciplinary, there must be 2 guides from the relevant departments who must be identified, and above process must be followed.
4. The Research Committees of each student must be chosen properly, any decision/changes must be approved by the committee and office of Dean R&D. The reviews by these committees must be regular and strict.
5. Faculty research capabilities and contributions must be beyond REUs. REU projects should be given less weightage
6. Research by faculty should enable recognition by established peers over time.
7. While many research studies need students, the contribution of the faculty has to be clearly identified. This could be through originality in one or more of – idea, methodology, application, etc.
8. Those publications which are in the faculty's area of technical expertise must be given higher weightage during the appraisal process, as compared to papers which are not in the stated areas of expertise (eg. a paper in Engineering Education published by a faculty from CS should be given less weightage when considered for appraisal)
9. Papers in recognized journals must be given higher weightage during appraisal process, as compared to papers in conferences.
10. It is important to maintain distinction between Research and Projects. There could be synergies between the two, and one may lead to the other – but the distinction has to be maintained.
11. Patents may be considered during appraisal for research excellence of faculty, if original research has resulted in the patent.

12. Any research proposal must be specific in nature with statement of technical goal. Generic terminologies regarding broad areas of field of domains cannot be considered as research topics (eg. Automotive Research is not a research topic).
13. Research groups/clusters must demonstrate synergies across areas/faculties. A group initiative cannot be a summation of individual research vectors.
14. Research Methodologies to be followed. This will help establish a process of doing research, and evolve into a culture of research over time. There are many books/articles on “Research Methodologies”. The book “Research Methodology: A Step by Step Guide for Beginners”, Ranjit Kumar, 3<sup>rd</sup> Edition, SAGE Publications, 2011 seems to be a good book, and should be of help to the faculty; especially chapters 1-8, 13, 17, 18.
15. Organize “University Research Colloquia” regularly. These are not research seminars at department level, but colloquia which will showcase the breadth/depth of the domain knowledge/expertise of the faculty (covering the state-of-the-art of research in that area, the faculty’s contribution, future research directions, etc. This could be also used as a parameter for the evaluation/appraisal of the faculty.
16. There are many articles on Research Excellence, will be good to study a few and pick up those aspects which are of relevance to KLE-TechUniv. Eg. <https://uwm.edu/chancellor/wp-content/uploads/sites/290/2015/05/Research-Plan-2017-FINAL.pdf>

**Resolution 7.6: The Executive Council noted the progress of implementation of PhD programmes of the University.**

**EC  
7.7**

**To discuss and ratify Undergraduate Minor Programme in 'Advanced Manufacturing for Aerospace Applications' that has been instituted by the University during summer semester of the academic year 2017-18.**

- **Scheme and Syllabi of 'Advanced Manufacturing for Aerospace Applications' Minor Program.**

Background information:

The Indian aviation industry has grown at a rapid pace over the last decade. Now India is the ninth largest civil aviation market in the world and is projected to become the third largest by 2020. Over next 10-12 years, according to a joint report by India Electronics & Semiconductor Association (IESA), Nasscom and Roland Berger, the market for India's aerospace and defence sector is projected to reach US\$ 70 billion from its present size of just US\$ 1.7 billion.

The Make in India initiative announced by Prime Minister Narendra Modi in September 2014, there are signs that things are changing for the better.

Evidently, as a recent report prepared by CII and its knowledge partner KPMG, explored the possibilities of the sector in India emerging as one of the **shining sectors** says: The aerospace sector in the country is at the inflection point, similar to the telecom and automotive sectors two or three decades ago. Hence it needs sustained government support to develop critical mass, skills and R & D to achieve its full potential.

India desperately needs to build up its aviation manufacturing base without losing further time.

Proposal:

India's fast growing civil aviation sector offers tremendous growth prospects for the aerospace industry in the country. While the Indian automobile industry and the space industry have done quite well, aviation-based manufacturing has lagged woefully behind. Seeing an opportunity here, the School of Mechanical Engineering has collaborated with AEQUS – a leading Indian aerospace sub systems' manufacturing company, located in SEZ, Belgaum to strengthen specialized skills through a Minor program in 'Advanced Manufacturing for Aerospace Applications'. Students spend about 1/3rd of their course duration on AEQUS campus to acquire real-time exposure to advanced processes, tooling and standards. Experts from AEQUS engage students through course offerings along with faculty members from the School. A 3-axis CNC VMC by DMG-MORI, Japan is being procured to help students practice gaining experience in an industry like environment. AEQUS has also offered internship and project work during eighth semester for the students who have successfully completed the minor program. This initiative is expected to enhance the employability of our students in the field.

**Minor Program in 'Advanced Manufacturing for Aerospace Applications'**

15 credits, 5 courses + Final semester project in an Aerospace Sub systems' Manufacturing Company.

**Action Requested:** The Executive Council is requested to discuss and ratify institution of 'Advanced Manufacturing for Aerospace Applications' undergraduate Minor programme and also note the scheme and syllabi of the programme.

**Discussion:** Dr. Atre suggested to look for alternative to AEQUS in the field of aerospace manufacturing to strengthen the minor programme.

**Resolution 7.7: The Executive Council ratified the institution of 'Advanced Manufacturing for Aerospace Applications' undergraduate Minor programme and also noted the scheme and syllabi of the programme.**



<b>EC 7.8</b>	<b>Any other subject with the permission of the Chair.</b>
	NIL