

Minutes

7th Academic Council Meeting

of

KLE Technological University,

Hubballi, Karnataka

April 28, 2018



KLE Technological
University

Creating Value
Leveraging Knowledge

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 28-04-2018 at 10 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.	Sri KNS Acharya	VP KPIT Technologies	Member
4.	Prof B L Desai	Registrar	Member Secretary
5.	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
6.	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member
7.	Dr Uma K Mudenagudi	Dean R & D	Member
8.	Dr S S Quadri	Head of School of Civil Engg	Member
9.	Prof Arun C Giriyapur	Head of ARE Dept	Member
10.	Dr U M Muddapur	Head of BT Dept	Member
11.	Dr P R Patil	Head of MCA Dept	Member
12.	Dr Sanjay Kotabagi	Head of Humanities Dept	Member
13.	Dr. S.V. Patil	Head of SMSR	Member
14.	Prof TVM Swamy	Freshman Coordinator	Member
15.	Dr A V Nandi	Controller of Examinations	Member
16.	Dr G H Joshi	Director CEER	Member
17.	Prof Nitin Kulkarni	Director CTIE	Member
18.	Prof C D Kerure	Placement Officer	Member
19.	Dr A.B.Raju	Head, E&E Dept	Member
20.	Prof Gururaj Joshi	Head, School of Architecture	Member
Invitees			
1.	Dr Balaji Holur	VP, Samsung R&D	Member
2.	Dr Meena S M	Head of ISE, BVB	Member
3.	Dr Nalini	Head of IT, BVB	Member

The following members have sought leave of absence:

SL	Name	Designation	Position
1	Dr Satyajit Majumdar	Professor, TISS Mumbai	member
2	Dr Srinivas Viravalli	Professor, IIT Delhi	Member
3	Dr. Manjunath D	Prof IIT, Bombay	Member
4	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member

Agenda

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AC 7.1	To read and confirm the minutes of the previous meeting held on 3rd March 2018
AC 6.1:	To read and confirm the minutes of the previous meeting held on 29 th July 2017 Resolution 6.1: Resolved to confirm the minutes of its 5th meeting held on 29th July 2017
AC 6.2:	To confirm the action taken report on the minutes of the previous meeting held on 29 th July 2017 Resolution 6.2: Resolved to confirm the action taken report on the minutes of its 5th meeting held on 29th July 2017
AC 6.3:	<p>To review the academic progress of the University for the year 2017-18 (Information Agenda).</p> <p>Discussion: Participating in the discussion members made following observations:</p> <ul style="list-style-type: none"> • Show students admitted under GOI quota with star mark • Don't do usual demonstration type experiments. Introduce more open ended experiments in all labs • Explore how IITs can help; with IIT Bombay, co-teaching in one subject may be possible. • Present 3 year journey or strategic plan progress of the University with appropriate KPIs. It is better to show trends of data rather than absolute data. • It would be better to know how University goals, Department Goals and the KPIs are aligned. • Course developed in Machine Learning is very good but needs to be updated as industry is moving very fast • Introduce machine learning for all branches of engineering • Faculty needs to be trained in the new course. Organize faculty-industry workshop/colloquium. • Send faculty to IIIT Hyderabad to study the course on machine learning • It is not enough to have couple of faculty experts in these new courses, what is your strategy to scale up. • Steps taken for faculty up-gradation – partnership & action with outcomes need to be presented in the next meeting • Machine Learning course need not be taught in conventional way, flipped mode is better. • CAD Modeling, Analysis & PLM course is a basic foundation course. This course should be followed by i) implementation of CAD s/w on PLM platform ii) Advanced CAE with 100 to 150 h machine technique. Use of Hyperworks is recommended. iii) Costing or Value Engineering may be taken later. • PTC think works is gaining popularity. • Whatever projects students are working in 2nd & 3rd year should ultimately merge into one of the institution wide projects. • In AEV the identified segments Image Analytics and Computer Vision; Automotive Electronics; Electrical Drives & Control and Chassis Design & Optimization are very good but the concern is how you are going to develop deep expertise in each of the segment. • Suggested to study special model for aerospace developed at University of West of

	<p>England – Bristol</p> <ul style="list-style-type: none"> • Offered help for collaborations with foreign universities • Invite academic council members for Minor Project Review. • Minor project review with Samsung may be taken as an action item • Encourage students to come up with 2 minutes video clip on their projects. • While presenting placement information use core and non-core trends. • Industries are going to increase their PG hiring by 50% so talk to industries immediately • There is lot of demand for graduates with ROS background but showcasing to industry is required • 300 M.Tech graduates are required but only 5% clear the tests • Give a thought on sustainable development goals and at least 10% of students should be looking into technology space that is non-obvious. • University branding needs to be taken up seriously on priority basis and also collaboration with foreign universities. • CTIE model and activities need to be presented before the Academic Council • Don't take stakes in incubated companies as this model has failed in IIT Bombay. • Why are colleges visiting your University? Do a survey- How they came to know? What are their objectives? • How much fund is allotted for research and how it is being utilized • Research collaborations with VRL, medical and defense need to be explored • Use Indian data for teaching Data Analytics • Apply for DST funding along with Samsung • How many REU students publish paper need to be presented • Bifurcation of funding for different institution wide projects (e.g. EV, Smart campus), present in next AC meeting • Look for industry participants for funding for EV project • Appoint branding and marketing manager • Get foreign students for branding • There should not be any delay in circulating the minutes of the meeting <p>• Following are the action items suggested:</p> <ul style="list-style-type: none"> ▪ Organizing faculty-industry workshop/ colloquium. Prof. Manjunath volunteered to help in bringing faculty and industry experts. ▪ Advanced training for University faculty who have completed basic course in machine learning at Samsung R&D division in Bangalore. ▪ Training on Coding standards, code complexity, and code quality. Both KNS Acharya and Lokesh offered support in organizing the training programme. ▪ Henceforth the academic council meeting should be of 2 days. ▪ Organize one day workshop on each of the segment identified for AEV. Use ½ day for showcasing and remaining ½ day should be used for taking industry inputs. <p>Resolution 6.3: The Academic Council noted the progress of the University for the academic year 2017-18</p>
AC 6.4:	To consider and approve proposed changes in curriculum structure of first year

	<p>Resolution 6.4: Resolved to approve the following changes in the curriculum structure of first year:</p> <p>a) Introduction of 'Data Structures' course for Electrical Science (E&E, E&C and CS) stream in place of 'Computer Aided Engineering Drawing' course.</p> <p>b) Rearrangement of sequence of courses - 'C-Programming' course in first semester followed by 'Data Structure' course in second semester</p>
AC 6.5:	<p>To ratify the Schemes and Syllabi of Undergraduate Minor Programme in 'Bioengineering' as recommended by the Mechanical Engineering Board of studies.</p> <p>Resolution 6.5: Resolved to ratify the Schemes and Syllabi of Undergraduate Minor Programme in 'Bioengineering', which was recommended by the Mechanical Engineering Board of studies and offered to 4th semester students of 2016-17 batches.</p>
AC 6.6:	<p>To ratify Board of Studies and Board of Examiners</p> <p>Resolution 6.6: Resolved to ratify the action taken by the Dean (Academics) in constituting the Board of Studies and the Board of Examiners of Biotechnology department of KLE Technological University.</p>
AC 6.7	<p>To discuss and approve results of previous examinations</p> <p>Resolution 6.7: Resolved to approve the results analysis of Dec 2016/Jan 2017 examination and May/June 2017 examination</p>
AC 6.8	<p>Any other subject with the permission of the Chair</p> <p>Table Agenda: To consider and approve industry-internship for KLE Tech faculty pursuing PhD at KLE Tech research centers</p> <p>Resolution 6.8: Resolved to approve industry-internship for KLE Tech faculty pursuing PhD at KLE Tech research centers</p>

Action Requested: To confirm the minutes of the previous meeting held on 3rd March 2018

Discussion:

Resolution 7.1: Resolved to confirm the minutes of its 6th meeting held on 3rd March 2018

AC 7.2	To confirm the action taken report on the minutes of the previous meeting held on 3rd March 2018	
Item No.	Description	Action Taken
AC 6.1:	To read and confirm the minutes of the previous meeting held on 29 th July 2017 Resolution 6.1: Resolved to confirm the minutes of its 5th meeting held on 29th July 2017	Noted
AC 6.2:	To confirm the action taken report on the minutes of the previous meeting held on 29 th July 2017 Resolution 6.2: Resolved to confirm the action taken report on the minutes of its 5th meeting held on 29th July 2017	The Academic Council NOTED the actions taken on the minutes of the 5 th AC meeting held on 29 th July 2017.
AC 6.3:	To review the academic progress of the University for the year 2017-18 (Information Agenda). Discussion: Participating in the discussion members made following observations: <ul style="list-style-type: none"> • Show students admitted under GOI quota with star mark • Don't do usual demonstration type experiments. Introduce more open ended experiments in all labs • Explore how IITs can help; with IIT Bombay, co-teaching in one subject may be possible. • Present 3 year journey or strategic plan progress of the University with appropriate KPIs. It is better to show trends of data rather than absolute data. • It would be better to know how University goals, Department Goals and the KPIs are aligned. • It would be better to know how University goals, Department Goals and the KPIs are aligned. • Course developed in Machine Learning is very good but needs to be updated as industry is moving very fast • Introduce machine learning for all branches of engineering • Faculty needs to be trained in the new course. Organize faculty-industry workshop/colloquium. • Send faculty to IIIT Hyderabad to study the course on machine learning • It is not enough to have couple of faculty experts in these new courses, what is your strategy to scale up. • Steps taken for faculty up-gradation – partnership & action with outcomes need to be presented in the next meeting 	The Academic Council noted the progress of the University.

- Machine Learning course need not be taught in conventional way, flipped mode is better.
- CAD Modeling, Analysis & PLM course is a basic foundation course. This course should be followed by i) implementation of CAD s/w on PLM platform ii) Advanced CAE with 100 to 150 h machine technique. Use of Hyperworks is recommended. iii) Costing or Value Engineering may be taken later.
- PTC think works is gaining popularity.
- Whatever projects students are working in 2nd & 3rd year should ultimately merge into one of the institution wide projects.
- In AEV the identified segments Image Analytics and Computer Vision; Automotive Electronics; Electrical Drives & Control and Chassis Design & Optimization are very good but the concern is how you are going to develop deep expertise in each of the segment.
- Suggested to study special model for aerospace developed at University of West of England – Bristol
- Offered help for collaborations with foreign universities
- Invite academic council members for Minor Project Review.
- Minor project review with Samsung may be taken as an action item
- Encourage students to come up with 2 minutes video clip on their projects.
- While presenting placement information use core and non-core trends.
- Industries are going to increase their PG hiring by 50% so talk to industries immediately
- There is lot of demand for graduates with ROS background but showcasing to industry is required
- 300 M.Tech graduates are required but only 5% clear the tests
- Give a thought on sustainable development goals and at least 10% of students should be looking into technology space that is non-obvious.
- University branding needs to be taken up seriously on priority basis and also collaboration with foreign universities.
- CTIE model and activities need to be presented before the Academic Council
- Don't take stakes in incubated companies as this model has failed in IIT Bombay.
- Why are colleges visiting your University? Do a survey- How they came to know? What are their objectives?
- How much fund is allotted for research and how it is being utilized
- Research collaborations with VRL, medical and defense need to be explored
- Use Indian data for teaching Data Analytics

	<ul style="list-style-type: none"> • Apply for DST funding along with Samsung • How many REU students publish paper need to be presented • Bifurcation of funding for different institution wide projects (e.g. EV, Smart campus), present in next AC meeting • Look for industry participants for funding for EV project • Appoint branding and marketing manager • Get foreign students for branding • There should not be any delay in circulating the minutes of the meeting <ul style="list-style-type: none"> • Following are the action items suggested: <ul style="list-style-type: none"> ▪ Organizing faculty-industry workshop/ colloquium. Prof. Manjunath volunteered to help in bringing faculty and industry experts. ▪ Advanced training for University faculty who have completed basic course in machine learning at Samsung R&D division in Bangalore. ▪ Training on Coding standards, code complexity, and code quality. Both KNS Acharya and Lokesh offered support in organizing the training programme. ▪ Henceforth the academic council meeting should be of 2 days. ▪ Organize one day workshop on each of the segment identified for AEV. Use ½ for showcasing and remaining ½ day should be used for taking industry inputs. <p>Resolution 6.3: The Academic Council noted the progress of the University for the academic year 2017-18</p>	
AC 6.4:	<p>To consider and approve proposed changes in curriculum structure of first year</p> <p>Resolution 6.4: Resolved to approve the following changes in the curriculum structure of first year:</p> <ol style="list-style-type: none"> a) Introduction of ‘Data Structures’ course for Electrical Science (E&E, E&C and CS) stream in place of ‘Computer Aided Engineering Drawing’ course. b) Rearrange the sequence of courses - ‘C-Programming’ course in first semester followed by ‘Data Structure’ course in second semester 	The Academic Council approved changes in curriculum of first year have been communicated to all the Board of Studies.
AC 6.5:	<p>To ratify the Schemes and Syllabi of Undergraduate Minor Programme in ‘Bioengineering’ as recommended by the Mechanical Engineering Board of studies.</p> <p>Resolution 6.5: Resolved to ratify the Schemes and Syllabi of Undergraduate Minor Programme in</p>	Noted

	'Bioengineering', which was recommended by the Mechanical Engineering Board of studies and offered to 4th semester students of 2016-17 batches.	
AC 6.6:	To ratify Board of Studies and Board of Examiners Resolution 6.6: Resolved to ratify the action taken by the Dean (Academics) in constituting the Board of Studies and the Board of Examiners of Biotechnology department of KLE Technological University.	The Academic Council approved BoS and BoE has been communicated to the respective departments.
AC 6.7	To discuss and approve results of previous examinations Resolution 6.7: Resolved to approve the results analysis of Dec 2016/Jan 2017 examination and May/June 2017 examination	Academic Council approved results are sent to the Controller of Examinations.
AC 6.8	Any other subject with the permission of the Chair Table Agenda: To consider and approve industry-internship for KLE Tech faculty pursuing PhD at KLE Tech research centers Resolution 6.8: Resolved to approve industry-internship for KLE Tech faculty pursuing PhD at KLE Tech research centers	Dean R&D has been asked to identify 3 to 6 faculty members who are willing to take up industry-internship as part of their doctoral work.

Action Requested: The Academic Council is requested to confirm the action taken report on the minutes of the previous meeting held on 3rd March 2018.

Discussion:

Resolution 7.2: Resolved to confirm the action taken report on the minutes of its 6th meeting held on 3rd March 2018. AC appreciated the new initiatives taken by the Schools/ Departments and also approved the offer of new Minor Programme in 'Advanced Manufacturing for Aerospace Applications' by the Mechanical Engineering Department.

AC 7.3	<p>To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same:</p> <p>a) VII & VIII Semesters of B.E.(2015-19) and</p> <p>b) B.Arch. (2015-20) programs</p>
	<p>The different Boards of studies constituted for different programs of the University, namely, B.E., and B.Arch have recommended the syllabi for 7th and 8th semesters of 2015-19 (BE); and 2015-2020 (B.Arch) batches.</p>

Action Requested: The Academic Council is requested to discuss and approve the schemes and syllabi of the B.E, and B.Arch Programmes placed before it

Discussion: **Heads of School, Department and Centre presented the Board of Studies approved curriculum structure and content and reasons for the proposed changes. Participating in the discussion members made the following observations:**

Categorize the inputs given by the members into Operational, Strategic and Academic.

Strategic Observations

- Please review your digital presence
- Engage a media agency preferably from Bengaluru. What KLE Tech need is a Branding agency not just a person
- Study the multi-disciplinary programmes offered by the European Universities
- Take appropriate steps such that design thinking will become culture of the University
- In future there will be great demand for biological data scientists. Pattern recognition is gaining importance
- Exposure to interdisciplinary areas needs to be strengthened for civil engineering students

Academic Observations

- For Civil engineering students on-field experience is required as constructions are happening through un-conventional methods. Visit INTEL construction site.
- Make applications of design thinking compulsory in all projects
- Introduce Agile for all projects
- Conventional computer science and data science are coming together. Course integration is required, courses should not be independent
- Embedded-C is required along with it focus on (RTOS+Linux), (Arch+Multicore), Algorithm development
- Review embedded C course for depth
- Emphasis on 'Android Programming' is required
- Give equal weightage to Pre-processing – Processing – Post processing while delivering the course. Go for Hypermesh for pre-processing

- PLM is on design side. Offer electives related to different domains viz. aerospace, healthcare, manufacturing etc; Invite experts from Skytech and Aequs to teach processes
- Let the course name be changed from 'Advanced electric drive vehicles' to 'Electric drives for vehicles'
- Ability to do data and data analysis is a key thing
- With reference to MCA curriculum it was suggested to make 'Cloud computing' a core course
- Block-chain technology need to be introduced
- Cloud computing should be part of software and IoT in data science

Operational Observations

- Prepare a technical report on VRL project and keep it in depository
- Jobs for PLM engineers are offered by Geometrics, 3D PLM, Capgemini, and Mahindra
- Henceforth try to sell mechanical engineering graduates as Design engineers, Analysis engineers and PLM engineers and not as only mechanical engineers
- Who are your 'Top blockers' with reference to technical, communication and professional skills
- All sessions of presentations to be reviewed and feedback to be given

Action Items:

Strategic:

- 'Design Thinking' need to be introduced for all programmes where-in physical constructions are taking place
- Go for online-portfolio. Let TPO take the responsibility of maintaining e-portfolio of all UG students
- English language and communication skills need major focus. Both written and spoken English and technical ability need to be addressed. Along with it students need to be trained in telephone conversation, public speaking and general behaviour. Develop an action plan for the same. Syllabus to be collected from Mr. KNS

Academic:

- Adopt 'Industry Internship' for faculty at least for one month preferably during Nov/Dec
- Provide provision in curriculum so that students of 8th semester will be available for 5 months industry internship
- Samsung representatives offered conduct of 2 days workshop on Android programming
- Send M.Tech 'Production Management' curriculum structure and content to Mr. KNS for review
- MCA curriculum to be sent to Shri. Balaji for review

Operational:

- Develop an App for first year admissions

(The scheme and syllabi of all the departments are placed for the council approval in the form of book separately)

Resolution 7.3: 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.(2015-19) and
- b) B.Arch. (2015-20) program

AC 7.4	<p>To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same:</p> <p>a) V & VI Semesters of B.E.(2016-20) and B.Arch. (2016-21) programs</p> <p>b) V & VI Semesters of M.C.A program (2016-19)</p>
	<p>The different Boards of studies constituted for different programs of the University, namely, B.E., B.Arch., and M.C.A. have recommended the syllabi for 5th and 6th semesters of 2016-20 (BE); 2016-2021 (B.Arch); and 2016-2019 (MCA) programmes.</p>

Action Requested: The Academic Council is requested to discuss and approve the schemes and syllabi of the B.E, B.Arch and MCA Programmes placed before it.

Discussion:

(The scheme and syllabi of all the departments are placed for the council approval in the form of book separately)

Resolution 7.4: 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.(2016-20) and B.Arch. (2016-21) programs
- b) V & VI Semesters of M.C.A program (2016-19)

AC 7.5	<p>To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same:</p> <p>a) III & IV Semesters of B.E. (2017-21) and B.Arch. (2017--22) programs</p> <p>b) III & IV Semesters of M.Tech (2017-19) and IV, V & VI Terms of M.B.A (2017-19) programs and</p> <p>c) III & IV Semesters of M.C.A (2017-20)</p> <hr/> <p>The different Boards of studies constituted for different programs of the University, namely, B.E., B.Arch., and M.C.A. have recommended the syllabi for 3rd and 4th semesters of 2017-21 (BE); 2017-2022 (B.Arch); 2017-2020 (MCA) and 2017-2019 (M.Tech & MBA).</p>
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Action Requested: The Academic Council is requested to discuss and approve the schemes and syllabi of the B.E, B.Arch, M.Tech, MCA and MBA Programmes placed before it.

Discussion:

(The scheme and syllabi of all the departments are placed for the council approval in the form of book separately)

Resolution 7.5: 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. (2017-21) and B.Arch. (2017--22) programs
- b) III & IV Semesters of M.Tech (2017-19) and IV, V & VI Terms of M.B.A (2017-19) programs and
- c) III & IV Semesters of M.C.A (2017-20)

AC 7.6	<p>To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:</p> <p>a) Schemes for batches starting from 2018, 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).</p> <p>b) Syllabi for batches starting from 2017 of following programs:</p> <p>i. I & II Semesters of B.E. and B.Arch.</p> <p>ii. I & II Semesters of M.Tech, M.C.A</p> <p>iii. I, II & III Terms of M.B.A</p> <p>iv. I & II Semesters of B.Sc (Electronics)</p> <hr/> <p>The different Boards of studies constituted for different programs of the University, namely, B.E., B.Arch., M. Tech., M.C.A. and MBA have recommended the schemes for 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) and syllabi for 1st and 2nd semesters of 2018-22 (BE); 2018-2023 (B.Arch); 2018-2021 (MCA); 2018-2020 (M.Tech & MBA) and 2018-2021 (B.Sc) batches.</p>
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Action Requested: The Academic Council is requested to discuss and approve the schemes and syllabi of the B.E, B.Arch, M.Tech, MCA MBA and B.Sc Programmes placed before it.

Discussion:

(The scheme and syllabi of all the departments are placed for the council approval in the form of book separately)

Resolution 7.6: 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 2018, 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 2017 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)

AC 7.7	To review progress of implementation of PhD programmes (Information agenda)
	Dean R&D will present the progress of PhD programs for the year 2017-18.

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

Discussion: Participating in the discussion members made the following observations:

- Conduct RETs earlier and give advertisement to call for admissions to PhD programmes.
- It is better to have full-time research scholars
- Think about strategy of retaining good quality students of the University
- World over many of the universities are known by their laboratories. So try to develop signature labs.

Resolution 7.7: The Academic Council noted the progress of implementation of PhD programmes.

AC 7.8	To discuss the proposed changes in Rules and Regulations governing UG & PG programs and approve the same
	<p>In order to reduce the delay in announcement of results of PG programmes and also avoid making compromise in identifying external examiners who are not familiar with our PG courses, it has been proposed to have only single valuation instead of double valuation, which is presently in practice.</p> <p>Section 58: ESA and evaluation</p> <p>58.2: The Controller of Examinations shall notify the evaluation procedure to be adopted for the evaluation of various courses, from time to time. The ESA for courses having a practical or laboratory component may be based on laboratory records, conduction of experiments, demonstrations, field work, models, worksheets, quizzes, and viva voce.</p>

Action Requested: To discuss the proposed changes in section 58.2 (ESA and evaluation) Regulations Governing Undergraduate and Postgraduate Programmes of KLE Technological University 2015 and approve the same.

Discussion: Mr. KNS Acharya asked for variation in marks between 1st and 2nd valuation. The controller of examinations informed him that the data will be presented in the next meeting.

Resolution 7.8: Decision was deferred due to non-availability of supporting data.

AC 7.9	Any other subject with the permission of the Chair.
	NIL