

Minutes

8th Academic Council Meeting

of

KLE Technological University,

Hubballi, Karnataka

2nd March, 2019



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 02-03-2019 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.	Sri KNS Acharya	VP KPIT Technologies	Member
4.	Dr. Manjunath D	Prof IIT, Bombay	Member
5.	Dr Satyajit Majumdar	Professor, TISS Mumbai	Member
6.	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member
7.	Prof B L Desai	Registrar	Member Secretary
8.	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
9.	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member
10.	Dr Uma K Mudenagudi	Dean R & D	Member
11.	Dr Meena S M	Head of School of CSE	Member
12.	Dr Nalini	Head of School of ECE	Member
13.	Dr S S Quadri	Head of School of Civil Engg	Member
14.	Dr A.B.Raju	Head, E&E Dept	Member
15.	Prof Arun C Giriyapur	Head of ARE Dept	Member
16.	Dr U M Muddapur	Head of BT Dept	Member
17.	Prof Vinaya Hiremath	Head, School of Architecture	Member
18.	Dr P R Patil	Head of MCA Dept	Member
19.	Dr Sanjay Kotabagi	Head of Humanities Dept	Member
20.	Dr. S.V. Patil	Head of SMSR	Member
21.	Prof TVM Swamy	Freshman Coordinator	Member
22.	Dr A V Nandi	Controller of Examinations	Member
23.	Dr G H Joshi	Director CEER	Member
24.	Prof Nitin Kulkarni	Director CTIE	Member
25.	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

Agenda

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AC 8.1	To read and confirm the minutes of the previous meeting held on 28 th April 2018.	1
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AC 8.1	To read and confirm the minutes of the previous meeting held on 28 th April 2018
AC 7.1:	To read and confirm the minutes of the previous meeting held on 3 rd March 2018. 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 3 rd March 2018. 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:	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: <ul style="list-style-type: none"> a. VII & VIII Semesters of B.E.(2015-19) and b. B.Arch. (2015-20) programs Resolution 7.3: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies: <ul style="list-style-type: none"> a. VII & VIII Semesters of B.E.(2015-19) and b. B.Arch. (2015-20) programs.
AC 7.4:	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: <ul style="list-style-type: none"> 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) Resolution 7.4: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies: <ul style="list-style-type: none"> 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:	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: <ul style="list-style-type: none"> 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) Resolution 7.5: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies: <ul style="list-style-type: none"> 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:	To consider and approve the recommendations of the respective Boards of studies for

	<p>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> <ol style="list-style-type: none"> 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) <p>Resolution 7.6: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</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> <ol style="list-style-type: none"> 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	<p>To review progress of implementation of PhD programmes (Information agenda)</p> <p>Resolution 7.7: The Academic Council noted the progress of implementation of PhD programmes.</p>
AC 7.8	<p>To discuss the proposed changes in Rules and Regulations governing UG & PG programs and approve the same.</p> <p>Resolution 7.8: Decision was deferred due to non-availability of supporting data.</p>
AC 7.9	<p>Any other subject with the permission of the Chair.</p> <p>NIL</p>

Action Requested: To confirm the minutes of the previous meeting held on 28th April 2018..

Discussion:

Resolution 8.1: Resolved to confirm the minutes of its 7th meeting held on 28th April 2018.

AC 8.2	To confirm the action taken report on the minutes of the previous meeting held on 28 th April 2018	
Item No.	Description	Action Taken
AC 7.1:	To read and confirm the minutes of the previous meeting held on 3 rd March 2018 Resolution 7.1: Resolved to confirm the minutes of its 6th meeting held on 3rd March 2018.	Noted
AC 7.2:	To confirm the action taken report on the minutes of the previous meeting held on 3 rd March 2018 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.	The Academic Council NOTED the actions taken on the minutes of the 6 th AC meeting held on 3 rd March 2018.
AC 7.3:	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: <ul style="list-style-type: none"> a. VII & VIII Semesters of B.E.(2015-19) and b. B.Arch. (2015-20) programs Resolution 7.3: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies: <ul style="list-style-type: none"> a. VII & VIII Semesters of B.E.(2015-19) and b. B.Arch. (2015-20) program 	The Academic Council approved syllabi of 7 th and 8 th semesters of BE, and B.Arch programmes for the academic year 2018-19 is being implemented.
AC 7.4:	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: <ul style="list-style-type: none"> 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) Resolution 7.4: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies: <ul style="list-style-type: none"> 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) 	The Academic Council approved syllabi of 5 th and 6 th semesters of BE, B.Arch and MCA programmes for the academic year 2018-19 is being implemented.

<p>AC 7.5:</p>	<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> <ul style="list-style-type: none"> 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) <p>Resolution 7.5: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> 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). 	<p>The Academic Council approved syllabi of 3rd and 4th semesters of BE, B.Arch, M.Tech, MBA and MCA programmes for the academic year 2018-19 is being implemented.</p>
<p>AC 7.6:</p>	<p>To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:</p> <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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) <p>Resolution 7.6: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> 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: 	<p>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 2018-19 is being implemented.</p>

	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).	
AC 7.7	To review progress of implementation of PhD programmes (Information agenda) Resolution 7.7: The Academic Council noted the progress of implementation of PhD programmes.	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. Resolution 7.8: Decision was deferred due to non-availability of supporting data.	Noted
AC 7.9	Any other subject with the permission of the Chair. NIL	Noted

Action Requested: The Academic Council is requested to confirm the action taken report on the minutes of the previous meeting held on 28th April 2018.

Discussion: Dr. Lokesh enquired about the agenda AC 7.9 and to this Prof. Prakash Tewari, Dean Academics informed that for the time-being we will continue with the existing policy regarding PG valuation system.

Resolution 8.2: Resolved to confirm the action taken report on the minutes of its 7th meeting held on 28th April 2018.

AC 8.3**To review the academic progress of the University for the year 2018-19 (Information Agenda)**

The Dean Academic Affairs will make a detailed presentation. Some of the points are as below:

The present strength of faculty of the University is **351 (56 P, 76 Asso. Prof., 219 AP)** with ratio of Professors: Asso. Professors: AP being **1.44: 1.95: 5.62**. The student to faculty ratio is **1:14.93 on intake basis and 1:15.71 on actual number of students' basis**. The total student strength of the University is **5513**. The status of this year admission is enclosed in annexure 3.1 while the faculty information is given in annexure 3.2. The academic activities are carried out as per the well-defined academic calendar. Examinations have been conducted as per the calendar of events during last semester.

The following new academic initiatives initiated will be presented during the meeting.

MECHANICAL ENGINEERING

UG Program

- Advanced CAE
 - Advanced CAE - I (Meshing focus, Tool: HyperMesh)
 - Advanced CAE - II (Problem Analysis & Interpretation, Tool: ANSYS)
- Product Lifecycle Management
 - Programming (JAVA)
 - PLM-Technical (3D Experience - ENOVIA)

PG Program

- Production Management

I Sem.

- PLM (3D Experience)
- Design Modeling (CATIA), PLM Functional(ENOVIA)
- ERP - II
- Theory and Lab course (SAP Business One)

II Sem.

- Programming (JAVA), PLM Functional
- ERP - II
- Theory and Practical

PG Program

Machine Design

I Sem.

- Modeling (CATIA)

II Sem

- Analysis (HyperMesh, ANSYS)

ELECTRONICS & COMMUNICATION ENGINEERING

UG Program

- C and Data structures -III- Sem (0-0-3) [Programming]

- Data Structures Applications Lab –IV-Sem (0-0-2) [Programming]
- OOPS using C++ VI-sem and VIII-sem (2-0-1) Elective [Programming]
- Linear Integrated Circuit –IV-Sem (3-0-0) as flagship course
- Embedded Computing Intelligence in collaboration with Samsung Team. (VI sem 0-0-3) [Programming & Machine Learning]

ELECTRICAL & ELECTRONICS ENGINEERING

UG Program

- A course on VHDL Programming has been introduced for 6th sem students with credit structure 0-0-2.
- A course on VHDL Programming has been introduced for 4th sem students with credit structure 0-0-2.
- A course on Electric Drive and Control with credit structure 2-0-1 is floated to 6th sem students.
- A course on C++ Programming has been introduced for 6th sem students with credit structure 3-0-0.
- A topic on Power Electronics has been introduced in Basic Electrical Engineering course---In-line with recommendations of AICTE model syllabi.

AUTOMATION AND ROBOTICS

UG Program

- Implementation of industry standard strategies in project management like Agile, scrum.
- Subject delivery is distributed through Problem based approach for better understanding.

COMPUTER SCIENCE & ENGINEERING

UG Program

- ☒ Programming
 - C Programming for Problem Solving
 - Data Structures for Problem Solving
 - Object Oriented Programming with C++
- ☒ Microcontroller: Programming and Interfacing
- ☒ Exploratory Data Analysis
- ☒ Electives
 - Embedded Intelligent Systems
 - Model Thinking
 - Natural Language Processing

PG Program

- Programming
 - Problem Solving using Python Programming
 - Problem Solving with Data Structures
 - Web Technology
- Introduced as core courses
 - Machine Learning
 - Image and Video processing
- All courses are introduced with Lab

	<p>SMSR</p> <ul style="list-style-type: none"> • 2 value added (non-credit) courses have been introduced <ul style="list-style-type: none"> ○ Self- Development ○ Leader in You
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Action Requested: The Academic Council is requested to note the academic progress of the University for the year 2018-19.

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

Discussions on admissions:

Mr. KNS: Have you done analysis of branches filled earlier?

Dr. Shettar: Yes, but BT is an issue.

Dr. Manjunath: DO you have any process to admit students directly?

Dr. Shettar: Presently we are going with CET and COMEDK admission process.

Manjunath: Can you conduct your own exam and have some control over the intake?

Dr. Shettar: Explained the detail process of admission.

Mr. KNS: Same conventional branches, what differentiation are you doing?

Dr. Shettar: Probably we need to think non-conventional programs in PG and not in UG.

Dr. Manjunath: It is better to add things in the courses and not in the name of the UG program

Mr. KNS: See the trend, agility is closer to 3rd year, be watchful on the futuristic.

Discussions on PG programs:

Mr. KNS: In my view problem solving capability of PG students is better and industry prefer them as they come for 10 months internship.

Dr. Lokesh: M.Tech in CSE is not Ok. It needs to be tagged with some specialization.

Sri. Balaji: Average stay for UG is 2 years and for PG it is 6 years.

Dr. Manjunath: I agree PG graduates stay longer but is it worth from numbers point of you to overhaul the whole programs.

Mr. KNS: Keep half day workshop for the PG program discussions.

Dr. Shettar: We have certain issues with PG programs. Our catchment is our neighborhood, who lack conceptual knowledge and basic skills and we struggle to build basic skills. For the AY 2020-21, we must have new GAME plan for PG programs.

Action Item No.1: Half/One day workshop for the 2020-21 batch, new game plan for PG programs.

Person Responsible: Dean Academics to convene the workshop.

Discussions on UG programs:

Mr. KNS: Why should not KLE Tech start UG programs that are futuristic? Do you provide career counseling for all final year students? Foreign university collaboration?

Dr. Manjunath: Agility within the program to respond to market is Ok. Are foreign universities willing to send their students to KLE Tech?

Dr. Shettar: Twinning programs are a failure.

Action Item No.2: Invite representatives of Coventry Universities on 4th May 2019 to explore possibilities of Twinning Programs. KNS, Manjunath and Balaji will interact with them.

Person Responsible: Prof. G.H. Joshi

Action Item No.3: Inviting MD of QUALCOMM for the open house on 4th May 2019.

Person Responsible: Sri. Balaji Holur with Dr Uma K M.

Discussions on Brand Positioning:

Dr. Manjunath: Identify branding agencies. e.g. Gubbi labs.

Mr. KNS: Identify 3 to 4 PR agencies and let them be back with their proposal. Identify one internal person (KLE Tech) to own the process. Focus on total image building exercise and brand positioning.

Action Item No.4: Brand Positioning & Identifying branding agency.

Person Responsible: Inputs will be given by Dr. D Manjunath, Dr. Lokesh B. and Mr. KNS Acharya.

Discussions on MATLAB to teach Mathematics:

Dr. Shettar: Explained the new initiative of use of MATLAB to teach first year mathematics.

Mr. KNS: If any help is required KPIT is ready to offer.

Action Item No.5: Support to use of MATLAB to teach Mathematics.

Person Responsible: Dr G B Marali & Prof A C Giriyapur with Mr. KNS Acharya.

Discussions on Students exchange programs:

Dr. Shettar: Explained Global Entrepreneurship Exchange program with *UMASS LOWELL, USA.*

Dr. Manjunath: Give credits to this experience of students.

Action Item No.6: Give credit benefit to students participating in 'Exchange Programs'.

Person Responsible: University top management.

Discussions on Service-Learning:

Sri. Balaji: Your vision statement is too long. Entry and Exit options are very good. Fact that the University owns it is also very good.

Dr. Majumdar: Non-linear thinking in engineering institutions is less heard. Learning has to be experiential and reflective. Include "empathy" in your vision. Preparedness is required to train the students to understand the society. Solutions needs to be evolved together with the communities. How do you help students to understand that solutions for location 1 may not be good at location 2?

Mr. KNS and Sri. Balaji: This is real thought leadership.

Mr. KNS: You will get good funding for this.

Discussions on Industry Collaborations:

Dr. Manjunath: Does KLE Tech committee for 'patent review' has any industry participation?

Dr. Shettar: Material Science has max patents.

Sri. Balaji: Samsung will have a session on patents for all.

Action Item No.7: Samsung will have a session on patents for all.

Person Responsible: Dr Uma K M & Sri. Balaji Holur.

Resolution 8.3: The Academic Council noted the progress of the University for the academic year 2018-19.

UG PROGRAM ADMISSION DETAILS - 2018-19

Admissions to BE / BArch Program for First Year

Course	Intake	Male	Female	Total
Automation & Robotics	60	41	19	60
Bio Technology	60	11	40	51
Civil Engineering	120	76	38	114
Computer Science	300	194*	106	300*
Electrical & Electronics	120	66	53	119
Electronics & Communication	300	199	101	300
Mechanical Engineering	240	226	10	236
Architecture	80	19	58	77
Grand Total	1280	834	425	1257
*GOI quota male student: 01no. only				

Lateral Admissions to BE Programs

Course	Male	Female	Total
Automation & Robotics	09	00	09
Civil Engineering	23	06	29
Computer Science	05	28	33
Electrical & Electronics	23	04	27
Electronics & Communication	25	09	34
Mechanical Engineering	50	01	51
Total	135	48	183

Admissions to BE / BArch Program for 2nd/3rd/4th Year

Course	2 nd Year	3 rd Year	4 th Year	Total
Automation & Robotics	58	52	51	161
Bio Technology	52	44	43	139
Civil Engineering	144	131	151	426
Computer Science	278	253	249	780
Electrical & Electronics	139	115	66	320
Electronics & Communication	272	265	264	801
Mechanical Engineering	267	249	222	738
Architecture	44	49	53	146
Total	1254	1158	1099	3511

PG PROGRAM ADMISSION DETAILS - 2018-19

Admissions to M Tech /MBA /MCA Program for First Year

Course	Intake	Male	Female	Total
MBA	60	25	30	55
MCA	60	16	34	50
M Tech				
Structural Engg	18	12	6	18
Energy Systems Engg	18	00	03	03
Production Management	18	03	01	04
Digital Electronics	24	03	15	18
Computer Science	24	01	17	18
VLSI Design & Embedded Systems	24	05	13	18
Machine Design	24	18	0	19
Grand Total	270	83	119	203

Admissions to M Tech /MBA /MCA Program for Second / Third Year

Course	Class	Total
MBA	Second Year	55
MCA	Second Year	63
MCA	Third Year	59
M Tech		
Structural Engg	Second Year	15
Energy Systems Engg		10
Production Management		08
Digital Electronics		14
Computer Science		21
VLSI Design & Embedded Systems		15
Machine Design		12
Grand Total		

RESEARCH PROGRAM ADMISSION DETAILS - 2018-19

Admission to Research Programs in calendar year 2018

Course	Class	Male	Female	Total
School of Bio Technology	First Year	00	01	01
School of Civil & Environmental Engineering		01	01	02
School of Computer Science & Engineering		04	05	09
School of Mathematics		00	01	01
School of Electrical & Electronics Engineering		02	00	02
School of Mechanical Engineering		04	00	04
School of Management		01	00	01
Grand Total		12	08	20

Consolidated Admissions for Academic Year 2018-19

Program	Course	Class	Total
UG Programs	BE/BArch	First Year	1257
	Lateral Entry to BE	Lateral Entry to Second year	183
	BE/BArch	All Higher Semesters	3511
PG Programs	(MTech/MBA/MCA)	First Year	203
	(MTech/MBA/MCA)	Second Year/Third Year	272
Research Programs		2018	20
		2017	35
		2016	32
Grand Total			5513

Faculty Information

Department/Program	In take No. of Students	Faculty			
		Prof.	Asso. Prof.	Asst. Prof	TA
Computer Science & Engg.	300	06	15	29	08
Civil Engg.	120	08	05	10	--
Mechanical Engg.	240	06	15	32	3
Electronics and Communication Engg.	300	06	05	28	3
Electrical and Electronics Engg.	120	02	02	17	05
Biotechnology	60	02	04	04	
Automation & Robotics	60	01	02	09	03
Architecture	80	03	06	09	--
MBA	60	02	02	06	--
MCA	60	02	02	07	--
Structural Engg	18	01	01	01	--
Energy Systems Engg	18	01	01	01	--
Production Management	18	01	01	01	--
Machine Design	24	01	01	02	--
Computer Science & Engg	24	01	02	01	--
VLSI Design and Embedded Systems	24	01	01	02	--
Digital Electronics	24	01	01	02	
Physics	--	03	--	05	02
Chemistry	--	01	--	04	--
Mathematics	--	01	02	14	--
Others	--	--	02	--	--
Humanities	--	--	04	--	--
CEER	--	--	--	03	04
CTIE	--	04	01	--	03
Executives		02	01	--	01
		56	76	187	32
		351			

AC 8.4	<p>To discuss new academic initiatives proposed for the academic year 2019-20.</p> <p>Curriculum modification involves change to a range of educational components in a curriculum, such as content knowledge, the method of instruction, assessment and student's learning outcomes, through the alteration of materials and programs to meet the ever changing needs of the stake holders. In view of this following new academic initiatives have been proposed for the academic year 2019-20.</p> <p>Heads of Schools/ Departments will present the new initiatives during the meeting</p> <p>MECHANICAL ENGINEERING UG Program</p> <ul style="list-style-type: none"> ● Planning to introduce a course (electives) on Machine learning. Consultations with companies and experts are going on. ● A vertical on E-Mobility is being developed jointly with E&E Department. Courses to be offered from Odd sem. 2019-20. <p>ELECTRONICS & COMMUNICATION ENGINEERING UG Program</p> <ul style="list-style-type: none"> ● Data Structures Applications Lab –IV-Sem(0-0-2) [Programming] ● OOPS using C++ VI-Sem- as core (2-0-1) [Programming] ● RTOS as flagship course –V-Sem (3-0-0) [Programming] ● Embedded Computing Intelligence in collaboration with Samsung Team. (VI sem 0-0-3) [Programming & Machine Learning] <p>ELECTRICAL & ELECTRONICS ENGINEERING UG Program</p> <ul style="list-style-type: none"> ● A course on Signals & Systems has been introduced for 4th sem students with credit structure 3-0-0. ● A course on C++ Programming has been introduced for 5th sem students with credit structure 2-0-1. ● An elective course on CMOS VLSI has been introduced for 6th sem students with credit structure 3-0-0. <p>AUTOMATION AND ROBOTICS UG Program</p> <ul style="list-style-type: none"> ● Identified Flagship course for improvising the critical / risk based course in Curriculum <p>COMPUTER SCIENCE & ENGINEERING UG Program</p> <ul style="list-style-type: none"> ● Planning to introduce an elective course on 'Cyber Security'
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Action Requested: The Academic Council is requested to discuss new academic initiatives proposed for the academic year 2019-20.

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

New Academic Initiatives of Computer Science & Engineering:

- Data structures course using PBL: Dr. Manjunath suggested to get connected with Dr. Abhiram Ranade of IIT, Mumbai on building programming competence.

- Sri. Balaji wanted to know whether teachers are part of actions.
- Data science experience in curriculum: Mr. KNS and Sri. Balaji asked why this is not open for other branches.
- Exploratory data analysis as an elective: When Dr. Meena asked for the Academic Council inputs Dr. Manjunath advised not to ask AC inputs to run electives.
- Further he asked the source of data and enquired whether it is India relevant data?
- Sri. Balaji wanted to know whether school is collecting data from IoT based projects on campus and is it possible to get curated data from your IOT projects by May 2019? Is it possible to get bus data from KSRTC.

New Academic Initiatives of Electronics & Communication Engineering:

Dr. Shettar explained KLE Tech - NETRA India chip program and the shared vision for next 3 years. Mr. Balaji said he is very happy to know this initiative and it is very interesting.

Mr. Vivek expressed thanks to faculty for not giving up midway.

Sri. Balaji suggested to Mr. Pawar to involve TI and others in the project. Further he added that MITEY has a program on microprocessor design and IIT Mumbai and Madras are involved. If interested he would connect KLE Tech with Madhava - Manjunath.

New Academic Initiatives of Mechanical Engineering:

Dr. Manjunath suggested to get data about Dassault product customers from Dassault Systems so that KLE Tech can approach them for students' internship.

Dr. Shettar: We are starting machine learning and E-mobility verticals.

Mr. KNS offered his support on E-mobility and Mr. Balaji said deep learning convolutions have to be brought in for that we will come back.

Dr. Shettar: Do you think we need two courses in ML?

Sri. Balaji said Maths focus will be the differentiator between E&C and Mech engg. We can take this topic in May meeting.

Mr. KNS said a popular talk on applications of ML for all branches is essential.

Action Item No.8: Designing the structure for E-Mobility.

Person Responsible: Dr B B Kotturshettar & Dr A B Raju with Mr. KNS Acharya.

Action Item No.9: Applications of ML for Mechanical Engineering.

Person Responsible: Dr B B Kotturshettar & Mr. Balaji Holur

Resolution 8.4: Academic Council members appreciated the new initiatives taken by the Schools/ Departments and asked the Heads of School/ Department to work on these new initiatives and present the same in the next AC meeting after taking approval of the respective Board of Studies.

AC 8.5	To discuss and approve results of previous examinations
	The results of the examination conducted since last Academic Council meeting (May/June 2018 and Dec 2018/ Jan 2019 are placed before the Council.

Action Requested: The Academic Council is requested to approve the results as presented by the Controller of Examination. The same results have been provisionally declared. The action taken in provisionally declaring the results may also be approved.

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

Mr. KNS: Present the analytics. Let us spend 30 to 45 minutes on this agenda item. Quality time should be spent on 'Results & Analysis'. The presentation should give insight not just data. If required we (KPIT) will provide the template. You feed the data and draw inferences.

Sri. Balaji: Share the data with KPIT for data analytics.

Action Item No.10: Result Analysis – Present the analytics not mere data.

Person Responsible: Dr. A V Nandi supported by Ms. Gandhali Sopal of KPIT

Resolution 8.5: Resolved to approve the results analysis of May/June 2018 and Dec 2018/ Jan 2019 examination.

AC 8.6	<p data-bbox="347 293 1453 331">To consider introduction of BBA program from the academic year 2019-20.</p> <p data-bbox="347 353 1500 432">Proposal for Bachelor of Business Administration (BBA) program at School of Management Studies and Research (SMSR)</p> <p data-bbox="347 472 1500 1088">School of Management Studies and Research, which is presently offering 2 years MBA program in Trimester mode intends to offer a high quality undergraduate program in Management (BBA). This UG program concentrates on outcomes like quantitative abilities, decisions, technology, communication, and leadership built on values, ethics and behavior. The program includes internships in all 3 years (6-8 weeks) to reinforce their learnings in classroom with real time experience at industry and social connect. The assessment includes both In-Term Assessment and Term-End Assessment. The program will be open to industry expectations but responds in a controlled manner. The program enables students to aspire for premier institutions to their Masters / PhD programs. There will be a scope for Entrepreneurship and Family Business for select and interested students.</p> <p data-bbox="347 1140 1500 1290">The University will conduct admission test followed by Group Discussions and Personal Interview to admit students. However national level admission tests such as UGAT, IIM Indore's IPM Aptitude Test scores will be considered for admission.</p> <p data-bbox="347 1341 1500 1547">The BBA program will have Trimester system with <i>Nine</i> terms and 130-140 credits to qualify for degree. The university adopts grading system and grade points will decide the merit of the student. The regulations of university will be applicable to this program as well.</p>
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Action Requested: To discuss the introduction of BBA program from the academic year 2019-20.

Discussion: Mr. KNS wanted to know, the expectations of the industries from BBA graduates.

Resolution 8.6: Resolved to approve the introduction of BBA program from the academic year 2019-20.

AC 8.7	To discuss the proposed changes in Rules and Regulations governing UG, PG & Ph. D programs and approve the same.	
	Some of the regulations required modifications while some needed to be newly introduced because of the new academic initiatives taken at the University. The original regulations (if exists) and modified /new regulations are presented below.	
Regulation number	Earlier regulation	New regulation
21.2	<p>Each course shall be represented in the form of 'L-T-P' where L, T, and P mean respectively, the number of lecture hours per week, number of tutorial hours per week, and number of practical hours per week. The number of credits assigned to the course shall be represented by C. The credits assigned to each course shall be calculated as $C = L + T/2 + P/2$. For example, '3-2-0' means three lecture hours and two tutorial hours amounting to a total of 4 credits.</p>	<p>The course credits for each course shall be given as L-T-P. For example, 3-1-0 will mean that it is a lecture based course and has 3 lectures, 1 tutorial, and no practical assigned to it. Similarly, a course with 0-0-2 means that it is a practical course with 4 hours of class work. Credits will be assigned to seminar, dissertation, project etc. under the practical component.</p> <p>Example: Course 18EMEC301 CAD Modeling; 4 credits (2-0-2). The hours for this course are computed as follows:</p> <p>2 credits = 2 hours/week lectures 0 credit = 0 hours/week tutorial 2 credits = $2 \times 2 = 4$ hours/week practicals Total = $2 + 0 + 4 = 6$ hours</p> <p>Total contact hours for the course = (2 h Lectures + 0 h Tutorial + 4 h Practical) per week = 6 contact hours per week for 16 weeks.</p> <p>For each lecture or tutorial credit, the self-study component is 1-2 hours /week (for 100-300 level courses) and 3 hours /week (for 400-600 level courses). The self-study component for practicals is 1 hour for every two hours of practicals per week. In the above example, the student is expected to devote a minimum of $2 + 2 = 4$ hours per week on self-study in addition to class contact hours.</p>

Action Requested: To discuss the proposed changes in Regulations governing UG , PG & Ph.D programs of the KLE Technological University and approve the same.

Discussion: Dr. Manjunath expressed the opinion that the weekly self-study hours prescribed for the students may be dropped as it is difficult to monitor.

Resolution 8.7: Resolved to approve the proposed changes in section 21.2 of Regulations Governing Undergraduate and Postgraduate Programmes of KLE Technological University 2015; and regulations governing PhD programmes. Details are given in annexure 1.

a) Modified section 21.2 of Rules and Regulations governing UG & PG programs

21.2	<p>Each course shall be represented in the form of 'L-T-P' where L, T, and P mean respectively, the number of lecture hours per week, number of tutorial hours per week, and number of practical hours per week. The number of credits assigned to the course shall be represented by C. The credits assigned to each course shall be calculated as $C = L + T/2 + P/2$. For example, '3-2-0' means three lecture hours and two tutorial hours amounting to a total of 4 credits.</p>	<p>The course credits for each course shall be given as L-T-P. For example, 3-1-0 will mean that it is a lecture based course and has 3 lectures, 1 tutorial, and no practical assigned to it. Similarly, a course with 0-0-2 means that it is a practical course with 4 hours of class work. Credits will be assigned to seminar, dissertation, project etc. under the practical component.</p> <p>Example: Course 18EMEC301 CAD Modeling; 4 credits (2-0-2). The hours for this course are computed as follows:</p> <p>2 credits = 2 hours/week lectures 0 credit = 0 hours/week tutorial 2 credits = $2 \times 2 = 4$ hours/week practicals Total = $2 + 0 + 4 = 6$ hours Total contact hours for the course = (2 h Lectures + 0 h Tutorial + 4 h Practical) per week = 6 contact hours per week for 16 weeks.</p>
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b) Modified regulations governing PhD programmes. Details are given in annexure 1 below:

SL No.	Research Programmes Committee (RPC)	School Research Committee (SRC)	Research Review Committee (RRC)
	The Research Programmes Committee (RPC) is responsible for the monitoring of PhD programmes, approving recommendations from SRC, School heads, and any other issue related to PhD programs. This is an interface between schools offering PhD programs and the University.	School Research Committee (SRC) The SRC shall be formed for each of the school/department/center offering PhD program. SRC is responsible to verify, approve and forward the recommendations of RRC in all the matters related to PhD candidate to RPC. SRC is the link between RRC and RPC	The RRC shall be formed for each of the provisionally registered PhD research scholar. The RRC shall be responsible for reviewing and monitoring the progress of the research scholar from his/her commencement of PhD research to submission of the Thesis and send recommendations to SRC.
	Composition of the Research Programmes Committee: To be constituted by the Vice Chancellor and shall consist of: 1. Dean of Research - Chair person 2. Deans of faculty - Members 3. One of the senior faculty – Member Convener 4. Head of the Schools -Members	Composition of the School Research Committee (SRC): To be constituted by the Dean of Faculty and shall consist of: 1. Head of the School - Chair person 2. Two eligible Research Supervisors- Members 3. One external expert -Member 4. Senior Research Supervisor – Secretary The SRC may be re-constituted by the Dean of Faculty in the case of non- availability of existing member(s) or for any other valid reason, in consultation with the Head of the School/Dept./Center.	Composition of the Research Review Committee: To be constituted by the Head of the school/department/center for each research scholar, shall consist of: 1. Head of the School- Chair person 2. Two internal domain experts may be identified by the Head of the school/department/center on the recommendations of the Research Supervisor from time to time. 3. Research Supervisor(s)- Secretary The RRC may be re-constituted by the Head of the school/department/center in the case of non- availability of existing member(s) or for any other valid reason, in consultation with the Research Supervisor (s).
	Tenure and Frequency of meeting of Research Programmes Committee: 1. The tenure of the Research Programmes Committee shall be 3 years. The RPC shall meet at least <i>TWICE</i> a year. However, the Committee shall meet as often as required.	Frequency of meeting of SRC Committee: The School Research Committee shall meet at least TWO times a year. However, the Committee shall meet as often as required.	Frequency of meeting of RRC Committee: The Research Review Committee shall meet at least TWO times a year. However, the Committee shall meet as often as required
1.1.2 i	Scope/Functions/Responsibilities of the Research Programmes Committee shall be: 1. To review and approve list of Research scholars for: a. Comprehensive viva, b. Pre-synopsis presentations c. Synopsis submissions d. Thesis submissions e. Award of degree 2. To review and approve the recommendations of SRC regarding change of admission category or any other issue related to PhD program.	At 1.1.3, i a. Scope/Functions/Responsibilities of the School Review Committee shall be: 1. To select candidates for PhD Programme after interviews. 2. To Form of RRC and approve the Coursework for the research scholars. 3. To approve confirmation of PhD registrations. 4. To Recommend PhD candidates for Comprehensive Viva-Voce examination, Pre-synopsis presentations and thesis submission based on the progress of research scholars. 5. To communicate with the RPC/CoE for all research matters.	b. Scope/Functions/Responsibilities of the Research Review Committee shall be: 1. To review and finalize list of courses (Part-I) for the research scholar and recommend the same to SRC. 2. To conduct Comprehensive Viva-Voce (Part-II) and recommendation for the confirmation of the PhD registration to SRC. 3. To review/monitor periodically (at least once in six months) the research progress of each research scholar until his/her submission of the PhD Thesis, and send its recommendations to SRC. 4. To conduct pre-synopsis presentations and recommend submission of synopsis and Thesis to SRC.

AC 8.8	To discuss initiatives to streamline and enhance research productivity.
	Dean R&D will present the new initiatives during the meeting.

Action Requested: To discuss the initiatives to streamline and enhance research productivity.

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

Prof. Ashok Shettar, VC presented the challenges and three initiatives.

Mr. KNS: What is research agenda (grand themes) of KLE Tech? Are the research problems picked up by researchers aligned with that of KLE Tech? What efforts are you making in having partnership with your collaborating Universities in PhD ?

Dr. Shettar: Research canvas is ready. Faculty problems are aligned. At this point of time we can open up only with IITs.

Mr. KNS: For me the proposed solutions look tactical but not strategic.

Sri. Balaji: Good news is that we know the reality. Faculty lack writing and communication skills (needed for research). Question is how to improve the foundation for research. In two years of time, if they can't write proposal, then they are not ready for research. The research topics should be tied to real life problems. Involve industry experts to define problems.

Dr. Manjunath: H-index is useful, but that alone is not reasonable. Problem selection is very important. Otherwise H-index won't improve. Encourage faculty to go for good conferences. Have MoUs with IITs and IIITs. Invite a few of us experts to review, after course work.

Dr. Majumdar: Document research process. Have a doctoral advisory committee (it works) with external member. It is a legacy issue, have softer interventions.

Mr. KNS: It is difficult to grow organically. Try alumni who could come on tenure.

Action Item No.11: No vacation for PhD registered candidates.

Person Responsible: Dean Academics & Registrar

Resolution 8.8: The Academic Council noted the initiatives taken by the University to streamline and enhance research productivity and appreciated the action taken by the Vice-chancellor.

AC 8.9	To ratify Board of Studies and Board of Examiners
	As per sections 6 and 7 of Regulations Governing Undergraduate and Postgraduate Programmes of KLE Technological University 2015, the Dean Academic Affairs / The concerned Dean of Faculty may constitute the requisite number of Departmental Board of Studies and Boards of Examiners respectively with the approval of the Academic Council. The Academic Council is requested to ratify the action taken by the Dean (Academics) in constituting departmental Board of Studies and Boards of Examiners.

Action Requested: The Academic Council is requested to ratify the changes made in the Board of Studies and Board of Examiners.

Discussion:

Resolution 8.9: Resolved to ratify the action taken by the Dean (Academics) in making changes in the Board of Studies and the Board of Examiners of Biotechnology department, Mechanical Engineering and Automation & Robotics of KLE Technological University.

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AC 8.10	Any other subject with the permission of the Chair.

Suggestions for improvements:

Mr. KNS: What is hurting is culture. Teaching English language is very important. Both teaching and non-teaching staff should speak in English. It is good to know that international events are happening on campus but the question is how many students of KLE Tech are getting international exposure. We need to create opportunities.

Action Item No. 12: Actions listed during the meeting should be mailed within 48 hours clearly indicating person responsible and timeline.

Person Responsible: Dr. P G Tewari & Prof. B L Desai

Action Item No. 13: Specify time-allotted for each agenda from the next academic council meeting.

Person Responsible: Dr. P G Tewari & Prof. B L Desai

Action Item No. 14: Parallel mechanism to write minutes during the meeting.

Person Responsible: Dr. P G Tewari & Prof. B L Desai

Minutes

9th Academic Council Meeting

of

KLE Technological University,

Hubballi, Karnataka

3rd May 2019



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 03-05-2019 at 10.00 am at the Senate Hall of the University.

The following Members were Present.

Sr	Name	Designation	Position
26.	Dr Ashok Shettar	Vice Chancellor	Chairman
27.	Sri KNS Acharya	VP KPIT Technologies	Member
28.	Dr. Manjunath D	Prof IIT, Bombay	Member
29.	Dr Satyajit Majumdar	Professor, TISS Mumbai	Member
30.	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member
31.	Prof B L Desai	Registrar	Member Secretary
32.	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
33.	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member
34.	Dr Uma K Mudenagudi	Dean R & D	Member
35.	Dr Meena S M	Head of School of CSE	Member
36.	Dr Nalini	Head of School of ECE	Member
37.	Dr S S Quadri	Head of School of Civil Engg	Member
38.	Dr A.B.Raju	Head, E&E Dept	Member
39.	Prof Arun C Giriyapur	Head of ARE Dept	Member
40.	Dr U M Muddapur	Head of BT Dept	Member
41.	Prof Vinaya Hiremath	Head, School of Architecture	Member
42.	Dr P R Patil	Head of MCA Dept	Member
43.	Dr Sanjay Kotabagi	Head of Humanities Dept	Member
44.	Dr. S.V. Patil	Head of SMSR	Member
45.	Prof TVM Swamy	Freshman Coordinator	Member
46.	Dr A V Nandi	Controller of Examinations	Member
47.	Dr G H Joshi	Director CEER	Member
48.	Prof Nitin Kulkarni	Director CTIE	Member
49.	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

Agenda

Sl No	Particulars	Page No.
9.1	To read and confirm the minutes of the previous meeting held on 2 nd March 2019.	1
9.2	To confirm the action taken report on the minutes of the previous meeting held on 2 nd March 2019.	6
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	18
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.(2016-20) and B.Arch. (2017-22) programs b) V & VI Semesters of M.C.A program (2017-20)	20
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 c) III & IV Semesters of M.C.A (2018-21)	21
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	22
9.7	Any other subject with the permission of the Chair	23

AC 9.1	To read and confirm the minutes of the previous meeting held on 2nd March 2019																																																																																																																										
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	<p>b) Modified regulations governing PhD programmes. Details are given in annexure 1.</p>		
AC 8.8	<p>To discuss initiatives to streamline and enhance research productivity.</p> <p>Discussion: In order to improve the quality and research productivity following action item was suggested.</p> <p>Action Item No.11: No vacation for PhD registered candidates.</p> <p><i>Person Responsible: Dean Academics & Registrar</i></p> <p>Resolution 8.8: The Academic Council noted the initiatives taken by the University to streamline and enhance research productivity and appreciated the action taken by the Vice-chancellor.</p>		
AC 8.9	<p>To ratify Board of Studies and Board of Examiners.</p> <p>Resolution 8.9: Resolved to ratify the action taken by the Dean (Academics) in making changes in the Board of Studies and the Board of Examiners of Biotechnology department, Mechanical Engineering and Automation & Robotics of KLE Technological University.</p>		
AC 8.10	<p>Any other subject with the permission of the Chair.</p> <p>Table agenda: How to improve conduct of Academic Council meetings.</p> <p>Discussions: Mr. KNS Acharya opined that teaching English language is very important. He expressed that both teaching and non-teaching staff should speak in English. Further he added that It is good to know that international events are happening on campus but the question is how many students of KLE Tech are getting international exposure. He urged the need to create opportunities.</p> <p>Based on the discussions following action items were finalized to improve the efficiency of conduct of the Academic Council meetings.</p> <p>Action Item No. 12: Actions listed during the meeting should be mailed within 48 hours clearly indicating person responsible and timeline.</p> <p><i>Person Responsible: Dr. P G Tewari & Prof. B L Desai</i></p> <p>Action Item No. 13: Specify time-allotted for each agenda from the next academic council meeting.</p> <p><i>Person Responsible: Dr. P G Tewari & Prof. B L Desai</i></p> <p>Action Item No. 14: Parallel mechanism to write minutes during the meeting.</p>		

	<i>Person Responsible: Dr. P G Tewari & Prof. B L Desai</i>
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Action Requested: To confirm the minutes of the previous meeting held on 2nd March 2019.

Discussion:

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 2 nd March 2019.	
Item No.	Description	Action Taken
AC 8.1	To read and confirm the minutes of the previous meeting held on 28 th April 2018. Resolution 8.1: Resolved to confirm the minutes of its 7th meeting held on 28th April 2018.	Noted.
AC 8.2:	To confirm the action taken report on the minutes of the previous meeting held on 28 th April 2018. Resolution 6.2: Resolved to confirm the action taken report on the minutes of its 7th meeting held on 28th April 2018.	The Academic Council Noted the actions taken on the minutes of the 7 th AC meeting held on 28 th April 2018.
AC 8.3:	To review the academic progress of the University for the year 2018-19 (Information Agenda). Discussion: Based on the discussions following action items as agreed upon by everyone were finalized and the same were circulated to all the members on 4 th March 2019. Persons responsible for these action items have already initiated the actions, which will be shared in the next academic council meeting. Action Item No.1: Half/One day workshop for the 2020-21 batch, new game plan for PG programs. <i>Person Responsible: Dean Academics to convene the workshop.</i> Action Item No.2: Invite representatives of Coventry Universities on 4th May 2019 to explore possibilities of Twinning Programs. KNS, Manjunath and Balaji will interact with them. <i>Person Responsible: Prof. G.H. Joshi</i> Action Item No.3: Inviting MD of QUALCOMM for the open house on 4th May 2019.	The Academic Council noted the progress of the University and recommended certain action items identifying person responsible and timeline. Action Item No.1: Half/One day workshop for the 2020-21 batch, new game plan for PG programs. <i>ATR: Will be convened by the Dean Academics in the month of July 2019 and the specific date will be finalized during next AC meeting to be held on 3rd May 2019.</i> <i>Proposed dates: 13th or 20th July 2019</i> Action Item No.2: Invite representatives of Coventry Universities on 4th May 2019 to explore possibilities of Twinning Programs. Mr. KNS, Dr. Manjunath and Sri. Balaji will interact with them. <i>ATR: Prof. G.H. Joshi has invited the Coventry team on</i>

<p><i>Person Responsible: Mr. Balaji Holur with Dr Uma K M.</i></p> <p>Action Item No.4: Brand Positioning & Identifying branding agency. <i>Person Responsible: Inputs will be given by Prof. D Manjunath, Dr. Lokesh B. and Mr. KNS Acharya.</i></p> <p>Action Item No.5: Support to use of MATLAB to teach Mathematics. <i>Person Responsible: Dr G B Marali & Prof A C Giriapur with Mr. KNS Acharya.</i></p> <p>Action Item No.6: Give credit benefit to students participating in ‘Exchange Programs’. <i>Person Responsible: University top management.</i></p> <p>Action Item No.7: Samsung will have a session on patents for all. <i>Person Responsible: Dr Uma K M & Mr. Balaji Holur.</i></p> <p>Resolution 8.3: The Academic Council noted the progress of the University for the academic year 2018-19.</p>	<p>4th May 2019.</p> <p><i>Mr. Mark Holton, Coventry University has expressed his inability to participate in Prayog Vasant due to dates clash with another event.</i></p> <p>Action Item No.3: Inviting MD of QUALCOMM for the open house on 4th May 2019. <i>ATR: Sri. Balaji has informed that MD of QUALCOMM will not be attending open house due to his prior commitments.</i></p> <p>Action Item No.4: Brand Positioning & Identifying branding agency. <i>ATR: Director (Branding & Marketing) has been appointed.</i></p> <p>Action Item No.5: Support to use of MATLAB to teach Mathematics. <i>ATR: Discussions are in progress between Prof. Arun Giriapur and Mr. KNS Acharya.</i></p> <p><i>Discussions are in progress between Prof. Arun Giriapur and Mr. KNS Acharya. Following are the inputs given by KPIT.</i></p> <ul style="list-style-type: none"> · <u>Learning Resources</u> · Tasks for learning and reinforcement · <u>ebook</u> <p>Action Item No.6: Give credit benefit to students participating in ‘Exchange Programs’. <i>ATR: We do hold Student exchange program at KLE</i></p>
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		<p>Tech University, Hubli, for which students from KLE Tech University get 3 credits.</p> <p>However, when this program happens in US and China, due to the following reasons credits are not offered, but a certificate is offered.</p> <ol style="list-style-type: none"> 1. KLE Students have to pay per credit fees of USD 1200-1400 over and beyond the living/travel expenses. This makes the program un-affordable. 2. Students if they are offered credit for US program, have to apply for F- visa (student visa) which is expensive and requires a lot of paper work. 3. Getting 3 credits in isolation has not much foreseeable value to our students, unless they chose to study in US university at a later date. <p><i>Decision will be finalized during next AC meeting to be held on 3rd May 2019.</i></p> <p><i>Action Item No.7: Samsung will have a session on patents for all.</i></p> <p><i>ATR: Dr. Lokesh has suggested to Dr. Uma to have this session on patents for all during August/ September 2019.</i></p>
AC 8.4:	<p>To discuss new academic initiatives proposed for the academic year 2019-20.</p> <p>Discussion: Based on the discussions on new academic initiatives following action items were finalized and the persons responsible have already initiated the actions.</p> <p><i>Action Item No.8: Designing the structure for E-Mobility.</i></p>	<p>The recommendations of the Academic Council have been communicated to all the Heads of the Schools/Departments/ Centers with a request to take up the issues in their respective Board of Studies meetings.</p> <p><i>Action Item No.8: Designing the structure for E-</i></p>

	<p><i>Person Responsible: Dr B B Kotturshettar & Dr A B Raju with Mr. KNS Acharya.</i></p> <p>Action Item No.9: Applications of ML for Mechanical Engineering.</p> <p><i>Person Responsible: Dr B B Kotturshettar & Sri. Balaji Holur</i></p> <p>Resolution 8.4: Academic Council members appreciated the new initiatives taken by the Schools/ Departments and asked the Heads of School/ Department to work on these new initiatives and present the same in the next AC meeting after taking approval of the respective Board of Studies.</p>	<p>Mobility.</p> <p><i>ATR: Both EE & ME programs have designed the E-mobility course structure and have shared the same with Mr. KNS Acharya of KPIT.</i></p> <p>Reply from Mr. KNS:</p> <p>I have got the content reviewed by our E-Powertrain practice and they have recommended the following to be included.</p> <p>Course Structure :</p> <p>1) Reference architecture in EV:</p> <ol style="list-style-type: none"> a. Typical architectures used in - BEV, HEV, PHEV, FCEV; b. Component used in BEV/HEV/PHEC/FCEV-selection criteria; c. Communication protocol- their selection and its impact on the reference architectures; d. Sensors interface- digital and analog sensors (speed, pressure, angle, torque, voltage, current); e. Concept of functional safety & its impact on the selection of fail-safe mechanisms used in architecture; <p>2) Traction systems – modelling & control:</p> <ol style="list-style-type: none"> a. Basic concepts of traction system; b. Mathematical model of electrical machine used in traction system (AC – Sync, Induction, PMSM,) – development of generalized control theory; c. Control of electrical drives (AC & DC
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machines);

d. Hands on training/assignment- DTC/FOC/V/f control using DSP -TI or similar real time processor;

3) Power electronics converter & its control - with emphasis on battery charging of EV:

- a. Power converters – AC-DC, DC-DC and DC-AC;
- b. Selection of power converter for battery charging applications (role of Ah, charge acceptance of battery, string voltage) & its integration with battery management system;
- c. Control of power converter topologies commonly used for battery charging (all chemistries – LTO, NMC, Ni-cd,...);
- d. Realization of control methods using simulation tools, & DSP (ISR, calculation of PWM count, discretization of control loops – PID,-.....);
- e. Hands on training/assignment- bi-directional charger (4-Q system) using DSP -TI or similar real time processor;

Abbreviations for your records:

- EV – Electrical Vehicle
- BEV – Battery EV
- FCEV – Fuel Cell EV
- HEV – Hybrid EV
- DTC – Diagnostic Troubleshooting Code
- FOC – Field Oriented Control
- AC-DC : Current Types
- LTO, NMC, Li-Cd – battery chemistries Lithium Titanium Oxide, Nickel-Manganese-Cobalt

		<p>Oxide, Lithium-Cadmium etc)</p> <p>Action Item No.9: Applications of ML for Mechanical Engineering. <i>ATR: Head of School of Mechanical Engineering has suggested to have interaction meeting on 'ML for Mechanical Engineering' during 2nd or 3rd week of June 2019.</i></p>
AC 8.5:	<p>To discuss and approve results of previous examinations.</p> <p>Discussion: Based on the discussions following action item was finalized and the persons responsible have already initiated the actions.</p> <p>Action Item No.10: Result Analysis – Present the analytics not mere data. <i>Person Responsible: Dr. A V Nandi supported by Ms. Gandhali Sopal of KPIT</i></p> <p>Resolution 8.5: Resolved to approve the results analysis of May/June 2018 and Dec 2018/ Jan 2019 examination.</p>	<p>Action Item No.10: Result Analysis – Present the analytics not mere data.</p> <p><i>ATR: Controller of Examinations is working with Ms. Gandhali Sopal of KPIT and the outcomes of the work will be presented during the next AC meeting.</i></p>
AC 8.6:	<p>To consider introduction of BBA program from the academic year 2019-20.</p> <p>Discussion: Mr. KNS wanted to know, the expectations of the industries from BBA graduates.</p> <p>Resolution 8.6: Resolved to approve the introduction of BBA program from the academic year 2019-20.</p>	<p><i>The Academic Council approved BBA program was presented to the Executive Council on 16th March 2019 and to the BOG on 1st April 2019. Both have approved the introduction of BBA program from the academic year 2019-20. School of Management Studies & Research has been asked to release the advertisement and do all preparatory work to start the program.</i></p>
AC 8.7	<p>To discuss the proposed changes in Rules and Regulations governing UG, PG and PhD programs and approve the same.</p> <p>Discussion: Dr. Manjunath expressed the opinion that the weekly self-study hours prescribed for the students may be dropped as it is difficult to monitor.</p>	<p><i>The Academic Council approved Rules and Regulations governing UG, PG and PhD programs were presented to the Executive Council on 16th March 2019 and to the BOG on 1st April 2019. Both have approved the proposed changes.</i></p>

Resolution 8.7: Resolved to approve the proposed changes in section 21.2 of Regulations Governing Undergraduate and Postgraduate Programmes of KLE Technological University 2015; and regulations governing PhD programmes. Details are given in annexure 1.

a) Modified section 21.2 of Rules and Regulations governing UG & PG programs

21.2	<p>Each course shall be represented in the form of 'L-T-P' where L, T, and P mean respectively, the number of lecture hours per week, number of tutorial hours per week, and number of practical hours per week. The number of credits assigned to the course shall be represented by C. The credits assigned to each course shall be calculated as $C = L + T/2 + P/2$. For example, '3-2-0' means three lecture hours and two tutorial hours amounting to a total of 4 credits.</p>	<p>The course credits for each course shall be given as L-T-P. For example, 3-1-0 will mean that it is a lecture based course and has 3 lectures, 1 tutorial, and no practical assigned to it. Similarly, a course with 0-0-2 means that it is a practical course with 4 hours of class work. Credits will be assigned to seminar, dissertation, project etc. under the practical component.</p> <p>Example: Course 18EMEC301 CAD Modeling; 4 credits (2-0-2). The hours for this course are computed as follows:</p> <p>2 credits = 2 hours/week lectures 0 credit = 0 hours/week tutorial 2 credits = $2 \times 2 = 4$ hours/week practicals Total = $2 + 0 + 4 = 6$ hours</p>
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		<p>Total contact hours for the course = (2 h Lectures + 0 h Tutorial + 4 h Practical) per week = 6 contact hours per week for 16 weeks.</p>	
<p>b) Modified regulations governing PhD programmes. Details are given in annexure 1.</p>			
<p>AC 8.8</p>	<p>To discuss initiatives to streamline and enhance research productivity.</p> <p>Discussion: Following are the observations/ comments/suggestions made by the honorable members:</p> <p>Prof. Ashok Shettar, VC presented the challenges and three initiatives.</p> <p>Mr. KNS: What is research agenda (grand themes) of KLE Tech? Are the research problems picked up by researchers aligned with that of KLE Tech? What efforts are you making in having partnership with your collaborating Universities in PhD?</p> <p>Dr. Shettar: Research canvas is ready. Faculty problems are aligned. At this point of time we can open up only with IITs.</p> <p>Mr. KNS: For me the proposed solutions look tactical but not strategic.</p> <p>Sri. Balaji: Good news is that we know the reality. Faculty lack writing and communication skills (needed for research). Question is how to improve the foundation for research. In two years of time, if they can't write proposal, then they are not ready for research. The research topics should be tied to real life problems. Involve industry experts to define problems.</p> <p>Dr. Manjunath: H-index is useful, but that alone is not reasonable. Problem selection is very important. Otherwise H-index won't improve. Encourage faculty</p>		<p>Action Item No.11: No vacation for PhD registered candidates.</p> <p><i>ATR: Registrar and Dean Academics have discussed the issue with the Vice-chancellor and have agreed in principle to the Academic Council proposal that 'No vacation for PhD registered candidates' of KLE Tech to ensure timely progress of research work.</i></p>

	<p>to go for good conferences. Have MoUs with IITs and IIITs. Invite a few of us experts to review, after course work.</p> <p>Dr. Majumdar: Document research process. Have a doctoral advisory committee (it works) with external member. It is a legacy issue, have softer interventions.</p> <p>Mr. KNS: It is difficult to grow organically. Try alumni who could come on tenure.</p> <p>Action Item No.11: No vacation for PhD registered candidates. <i>Person Responsible: Dean Academics & Registrar</i></p> <p>Resolution 8.8: The Academic Council noted the initiatives taken by the University to streamline and enhance research productivity and appreciated the action taken by the Vice-chancellor.</p>	
AC 8.9	<p>To ratify Board of Studies and Board of Examiners.</p> <p>Resolution 8.9: Resolved to ratify the action taken by the Dean (Academics) in making changes in the Board of Studies and the Board of Examiners of Biotechnology department, Mechanical Engineering and Automation & Robotics of KLE Technological University.</p>	<p><i>The Academic Council ratified changes in the BoS & BoE members were presented to the Executive Council on 16th March 2019 and to the BOG on 1st April 2019. Both have approved the proposed changes. The heads of School and Departments have been informed about the same.</i></p>
AC 8.10	<p>Any other subject with the permission of the Chair.</p> <p>Table agenda: How to improve conduct of Academic Council meetings.</p> <p>Discussions: Mr. KNS Acharya opined that teaching English language is very important. He expressed that both teaching and non-teaching staff should speak in English. Further he added that It is good to know that international events are happening on campus but the question is how many students of KLE Tech are getting international exposure. He urged the need to create opportunities.</p> <p>Based on the discussions following action items were finalized to improve the</p>	<p>Action Item No. 12: Actions listed during the meeting should be mailed within 48 hours clearly indicating person responsible and timeline. <i>ATR: Already complied. The actions were mailed to all the members on 4th March 2019.</i></p> <p>Action Item No. 13: Specify time-allotted for each agenda from the next academic council meeting. <i>ATR: Time allotted for each agenda item will be mentioned in the pre-agenda notes.</i></p>

	<p><i>efficiency of conduct of the Academic Council meetings.</i></p> <p>Action Item No. 12: Actions listed during the meeting should be mailed within 48 hours clearly indicating person responsible and timeline.</p> <p><i>Person Responsible: Dr. P G Tewari & Prof. B L Desai</i></p> <p>Action Item No. 13: Specify time-allotted for each agenda from the next academic council meeting.</p> <p><i>Person Responsible: Dr. P G Tewari & Prof. B L Desai</i></p> <p>Action Item No. 14: Parallel mechanism to write minutes during the meeting.</p> <p><i>Person Responsible: Dr. P G Tewari & Prof. B L Desai</i></p>	<p>Action Item No. 14: Parallel mechanism to write minutes during the meeting.</p> <p><i>ATR: One of the Academic Council member will be asked to write the minutes during the meeting.</i></p>
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Action Requested: The Academic Council is requested to confirm the action taken report on the minutes of the previous meeting held on 2nd March 2019.

Discussion: Based on the discussions following action items as agreed upon by everyone were finalized and the same were circulated to all the members on 5th May 2019. Persons responsible for these action items have already initiated the actions, which will be shared in the next academic council meeting. **Members agreed to hold the Half/One day workshop for the 2020-21 batch, on 27th July 2019 to discuss the new game plan for PG programs.**

- With reference to inviting members from Coventry University it was felt that it is better to invite engineering faculty rather than administrative officials.
- With reference to giving credit to student exchange programs it was suggested to assess the students about their learnings from the exchange program at KLE Tech and give credits.
- With reference to branding & marketing Prof. Ashok Shettar mentioned that even though we have appointed a Director for branding & marketing but Strategy development is yet to be done.

- Mr. KNS Acharya asked to build a common layer for all braches that includes AI, ML and Analytics and suggested to build branch specific experience after this. He also volunteered to share case studies on this for Mechanical engineering.
- Ms. Gandhali and KNS made presentation on results analysis. Ms. Gandhali Sopal said it is better to have one big file instead of 104 files. Better to have a Master Data Base. The common link should be 'Course Number' instead of 'Student Registration Number'. Repeated changes in course code for the same subject leads to difficulty in analysis. Is it possible to have an unique course code.
- Life cycle of a course, student and faculty need to be done.
- Dr. Satyajit Majumdar suggested to look at 'Learning Management System' and other practices. He questioned what is it we want to do with analysis? And suggested to build statistical significance tests.
- Dr. Manjunath suggested to have a 'Office of Analysis'.
- Mr. Vivek Pawar opined that 'Data Integrity' is very important and unless the decisions are based upon the data analysis, data is of little use. Data is overwhelming. Identify things that you want to appreciate and build analytics around these. Communicate to stakeholders directly using this data. He also suggested to introduce Balance Score Card.
- Classify the data related to faculty into Top and Bottom. Further make the data related to 'Top' group public and 'Bottom' group private.
- Mr. KNS Acharya asked whether it is possible to BE degree with specialization.
- Dr. Manjunath suggested instead of providing BE degree with specialization, it is better to handle this issue with the verticals and brochure.
- Mr. Vivek Pawar: in the present job market low end jobs have gone and only high end jobs are present. Industries are reluctant to spend time on training.
- Mr. KNS Acharya inquired whether each department has the list of skills required by the industries relevant to their programs. Further he suggested to highlight skills of students in their testimonials.

Action points suggested by the members during the meeting are as follows:

S.No.	Issue raised in the 9 th AC Meeting	Person Responsible	Time-line
1.	Contact Gubbi Labs	Dr Manjunath and Mr. M.S. Kolhar	Before 30 th June 2019
2.	TIST: Explore engagement with Milind Sohoni and CTARA	Dr Manjunath , Dr. Gopal Joshi & Dr. Sanjay Kotabagi	by 27 th July 2019
3.	Start office for data analysis	Dr. A V Nandi supported by Ms. Gandhali Sopal of KPIT	By 15 th July 2019
4.	Provide Degree with Testimonial	Dr. Satyajit Majumdar and Dr. S.V. Patil.	by 10 th May 2019 HOS/HOD to implement after students' Graduation.
5.	Branding of verticals: Coordination between program heads, Placement Office and Director Branding & Marketing	HOS/HOD, Prof Kerure and Mr. Kolhar	by 30 th July 2019
6.	Making the PhD programs more relevant: Develop a model for industry researchers to jointly supervise research scholars	Dr. Manjunath, Dr. Satyajit Majumdar, Prof KNS Acharya and Dr. Uma	17 th May 2019
7.	Program with Coventry University	Mr. KNS Acharya and Dr. Goplakrishna Joshi.	25 th July 2019
8.	ML: Case studies relevant to Mechanical Engineering	Mr.KNS Acharya and Dr. BB Kotturshettar.	by 10 th June 2019
9.	PhD Review & Oversight Committee	Dr. Manjunath and Dr. Uma	by 17 th May 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	<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> <ul style="list-style-type: none"> a) VII & VIII Semesters of B.E.(2016-20) and b) B.Arch. (2016-21) programs
	<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 2016-20 (BE); and 2016-2021 (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:

Prof. Prakash Tewari, Dean Academics briefed the broad changes in curriculum of various programs and presented the overview of the curriculum structure and content as approved by the respective Board of Studies of both UG and PG programs for review and approval.

- Mr. KNS wanted to know whether KLE Tech is allowed to start a new program. To this the Vice-chancellor's reply was yes, but if it doesn't fit into AICTE guidelines then such program will not get recognition.
- Mr. KNS Acharya informed that the 'Design Processes' are getting automated and School of Mechanical Engineering should take a note of it. He suggested to think on CAE with Design automation feature (Customization of CAE+ CATIA).
- Dr. Satyajit Majumdar wanted to know the selection criteria for 'Technology and Innovation for Social Transformation' (TIST) program. He suggested to design Assessment Rubrics for the new courses to be offered under TIST and should drive Techno-Social research activities. Supporting the idea Dr. Manjunath suggested to visit IIT, Mandi to know more about research opportunities.
- Mr. KNS Acharya wanted to know whether TIST in anyway connected to the institutional CSR. To this Prof. Ashok Shettar replied that it is related to the University mission. Further he suggested to stich a story and publish in social media.
- Dr. Manjunath informed that there are many industry experts with PhD who are eager to guide research scholars. Co-opt these experts from industry for PhD mentoring and they may be called as 'Professors of Practice' or 'Professors of Research & Practice'. Further he

explained about Joint Degree Program. To award degree jointly with other organizations he suggested to study the model of DAIT Pune.

- Prof. Ashok Shettar mentioned that two Samsung employees will enroll in KLE Tech and Dr. Lokesh will be their research supervisor.
- Mr. KNS Acharya suggested to prepare a pool of research supervisors/mentors who can guide research scholars and volunteered to contribute 4 to 5 names. Dr.Manjunath agreed to recommend 3 to 4 names.
- The new model suggested will have an academic guide and an industry guide for each industry research scholar.
- Mr. KNS Acharya opined that the new model should not be just a degree awarding model. One should also look into the value add for the University. Further he suggested that the University should recognize the industry courses and faculty should be deputed to industry for an agreed period of time for joint supervision. The advantage of this will be industry feel that its courses are recognized and faculty get trained in industry courses and gain expertise. Mr. Vivek Pawar also supported to this idea and said that faculty also get knowledge.

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	<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.(2017-21) and B.Arch. (2017-22) programs</p> <p>b) V & VI Semesters of M.C.A program (2017-20)</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 2017-21 (BE); 2017-2022 (B.Arch); and 2017-2020 (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:

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	<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> <ul style="list-style-type: none"> 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)
	<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 2018-22 (BE); 2018-2023 (B.Arch); 2018-2021 (MCA) and 2018-2020 (M.Tech & MBA).</p>

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:

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)

<p>AC 9.6</p>	<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 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).</p> <p>b) Syllabi for batches starting from 2019 of following programs:</p> <p>ix. I & II Semesters of B.E. and B.Arch.</p> <p>x. I & II Semesters of M.Tech, M.C.A</p> <p>xi. I, II & III Terms of M.B.A</p> <p>xii. I & II Semesters of B.Sc (Electronics)</p> <p>c) Scheme of B.B.A. (I to IX Terms) & Syllabus of I, II & III Terms of B.B.A</p> <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 2019-23 (BE); 2019-2024 (B.Arch); 2019-2022 (MCA); 2019-2021 (M.Tech & MBA) and 2019-2022 (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:

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.
	Nil. The Chairman thanked all the members for the fantastic contributions.

Minutes

Online Special Academic Council Meeting

of

KLE Technological University,

Hubballi, Karnataka.

June 20, 2020



KLE Technological
University
Creating Value
Leveraging Knowledge

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

Agenda

Sl No	Particulars	Page No.
1	To review the progress of the academic delivery during lockdown period	1
2	To consider and approve the proposed changes regarding conduct of End Semester Assessment (ESA) in view of COVID-19 pandemic	5
3	To review the preparedness for the academic delivery during the ensuing semester	7
4	Any other matter with the permission of the Chair	9

1	<p>To review the progress of the academic delivery during lockdown period</p> <p>COVID 19 pandemic has challenged our way of life and also Higher education. Even though Government announced lockdown on 23rd March but schools & colleges were closed since 14th March. It took us some time to understand the gravity of the situation and respond to it in an effective manner.</p> <p>KLE Tech Core team had a series of meetings on Zoom platform in the beginning and later moved to MS Teams. These meetings used to last almost 2 to 2 ½ hours at a stretch. Honorable VC sir led the team from the front.</p> <p>The deliberations that took place during these meetings could be grouped under following categories:</p> <ol style="list-style-type: none"> a. Selection of platform that is easy to use, cost effective, reliable and meet our expectations b. Identifying faculty for delivery of online courses and providing training for them c. Ensuring identified faculty have the necessary resources to effectively deliver the online courses d. Conduct of Mock delivery to understand the technology challenges e. Getting ready for the second challenge to deliver all courses of all programs on online mode when it became evident that schools & colleges will not open till June f. Challenges faced in delivery of Mathematics course and other courses with mathematical content g. Getting ready for the third challenge when some industries expressed their inability to continue internship training and project work h. Getting ready for the fourth challenge of conducting online minor exams i. Finally, converting lockdown period into an opportunity by asking faculty members to enroll for MOOC courses to develop deeper knowledge in their focus area of research <p>No doubt COVID-19 has permanently changed the teaching & learning, KLE Tech has demonstrated its capability not only to adapt quickly and gain control over the situation but also become future ready. A brief presentation will be made on above points during the meeting.</p>
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Action Requested: To review the progress of the academic delivery during lockdown period.

Discussion: Dr. Tewari, Dean Academics presented the academic activities conducted by the University during the lockdown period. Participating in the discussions honorable members made the following suggestions/observations with reference to online delivery, industry internship & project work, selection of

online platform, faculty members doing Coursera/MOOC courses and training of faculty on pedagogy:

- Prof. Manjunath wanted to know about internet connectivity problem faced by the students and their behavior. In reply Prof. Ashok Shettar, VC informed that nearly 10 to 15% of the students had internet connectivity problem and some students reported about the limitation of data pack availability per day. However, final year students did not report any internet connectivity problem.
- Dr. Lokesh wanted to know about the students' feedback on online course delivery and its effectiveness. In reply VC sir replied that we have not collected course-wise feedback but we tried to collect the overall comfort level of the system. Since everything happened so suddenly, faculty members had very little time to learn e-pedagogy. They just delivered in a way they used to deliver in offline mode. Now we have plans to train our faculty members in e-pedagogy in a systematic manner. Dr. Lokesh suggested to evolve method of regular feedback for online classes.
- Dr. KNS Acharya said that a lot of positivity that has come out during this COVID 19. He added that things are not going to change. Referring to faculty members doing nearly 1200 courses during this lockdown period he commented that this should not become one time action. It should become their goal post. The table that has been presented need to be tracked in next 2 to 3 academic council meetings. Replying to this Prof. Shettar mentioned going forward this will be part of faculty appraisal and it is going to be a strategic approach. He also mentioned that these online platforms are pretty costly, and we are talking to Coursera for a campus license, and these courses are also are part of our performance appraisal. Availability of advanced courses has helped many faculty to make study in interdisciplinary areas.
- Dr. Mujumdar said that no doubt how you design online delivery is essential but also the curriculum design for online delivery is also necessary. The teaching strategy for online mode is essential. He wanted to know whether it will be attractive to the faculty to do some kind of whitepaper things to do some futuristic study and students' projects for futuristic technology. He suggested that it is not necessary to deliver long lectures in online mode.
- Dr. KNS Acharya wanted to know steps being taken to ensure quality of projects when some of the industries expressed their inability to continue industry internship. Prof. Nalini, Prof. Meena and Prof. Kotturshettar explained the strategies adopted by them in ensuring

quality and completion of project work. Intervening in the discussion Prof. Shettar informed that the project outcomes are much better this time in EC and CS programmes, however challenges persists in traditional programmes like mechanical and civil engineering where prototypes and hardware work is involved. When Mr. KNS Acharya asked specific question about mechanical engineering projects, Prof. Kotturshettar explained that all mechanical engineering projects are based on simulations. Project guides are monitoring the progress of projects through a series of reviews and we have a fair sense of how they are doing. The emphasis this time is more on design, analysis, simulation, and FEA Analysis. The project expectations have been changed based on the situations. Physical prototypes have been converted into virtual prototypes. Mr. Balaji shared his experience as a reviewer for one of the projects and said the project quality was excellent. Further he enquired whether KLE Tech has considered the industry experts or outside experts to review the projects. Both Prof. Meena and Prof. Nalini replied that they have invited industry experts to review students' projects in their schools.

- Dr. Lokesh wanted to know how individual contributions of the students were assessed. In reply Prof. Meena mentioned that questions were asked to individual students in one-to-one mode and his/her contributions were assessed. Dr. Lokesh suggested to divide the task into sub-tasks and assign sub-task to each team members to assess individual contribution of the students'.
- Mr. Vivek Pawar suggested to make minor changes and check how much time they take to complete the task.
- Dr. Lokesh suggested to evolve methods to assess the individual contributions.
- Dr. KNS Achary wanted to know the process of selection of courses by the faculty. In reply VC sir replied that the selection was based on the research group or thread and the course or courses were chosen in consultation with their respective HoD and senior faculty or head of research group. Further he mentioned that the faculty were given the option to choose the course from Coursera, Udemy, NPTEL etc and the selected courses were reviewed. Option was also given to register for a set of course under a theme.
- Dr. KNS Achary said that the faculty chosen for a particular track should upgrade continuously, and they should increase their level. It is a good way of utilizing time.

- Dr. Lokesh asked whether University is trying to replace the academic course with Coursera courses. In reply VC sir informed that students' are given option of doing a Coursera course as part of an academic course. Students learned part of the educational curriculum from Coursera courses and the remaining part was handled by the faculty in online mode. Thus with both asynchronous and synchronous delivery we ensured students learning.
- Mr. Balaji expressed that there is a lot of stress on faculty members due to sudden shift to online delivery. Are there any measures the University has taken to address this? He suggested to arrange for counselors and check the stressful condition of the faculty.
- Dr. KNS Achary said that the corporate educators are going through a lot of stressful situations and they have gone through some stressful days. Since University action plan is not yet prepared and you are putting faculty members in front of camera and that may cause lot of stress. In reply Prof. Shettar said only a part of selected total faculty will be trained.
- Dr. Manjunath opined that it is important to look at how much the students receive. The student side is also essential. Extremely important to collect the data. It's essential to collect demographic data. In IIT Bombay, only 20% are from rural areas. How many students think that they have difficulty? Students want some financial support. It requires approximately 6 GB per day to attend online courses.

Resolution: The Academic Council members were satisfied with the fast actions taken by the University to tide over the COVID- 19 pandemic.

2	<p>To consider and approve the proposed changes regarding conduct of End Semester Examination (ESA) in view of COVID-19 pandemic.</p> <p>In view of the unexpected COVID-19 pandemic and associated lockdown, which has caused a lot of restrictions related to travel, quarantine on inter-state travel, colleges have remain closed since March 14, 2020. The requirement of maintaining social distancing, restrictions on students stay on campus & operations of college canteen, the entire academic activities are under severe strain. Taking into considerations the student grievances regarding poor net connectivity, limited data pack of 1.5 GB per day, and some students missing online classes & minor-2 assessment conducted by the University, following changes have been proposed with reference to conduct of ESA for the current semester:</p> <ol style="list-style-type: none"> a. To conduct online proctored examination instead of regular offline examination b. To limit the duration of ESA to 90 minutes instead of 180 minutes c. To set question papers for 50 marks instead of 100 marks in view of (b) d. To evaluate project work through video conference e. To issue soft copies of 'Provisional Degree Certificates' f. To consider the lockdown period as 'deemed to be present' for the purpose of attendance requirement of students. g. To consider not to put any restriction with regard to minimum credit requirements, for the promotion of students to higher semesters during 2020.
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Action Requested: To approve the proposed changes regarding conduct of End Semester Examination (ESA) in view of COVID-19 pandemic.

Discussion: Dr. Tewari, Dean Academics presented the proposed changes regarding conduct of ESA and also explained the need for the same. Participating in the discussions honorable members sought clarifications, suggested few best practices and also made comments.

- Dr. Lokesh, wanted to know whether the examinations are descriptive type and expressed that the online examinations are not foolproof. There will be

problems with network being unreliable, and power may go. He suggested, if possible, allow a small fraction of students to come to college to take the examinations. He also suggested to document the backup plans. In reply VC sir explained how the online exams are planned using MS Teams for proctoring and Exam.Net for conduct of exams. He also added that the Karnataka Government is not permitting the student to go to the campus as a precautionary measures and there is an urgency as companies are asking for joining dates for the campus selected students. In view of this we have to conduct exams. He explained the backup plans; (i) conduct of online make-up exams for the students facing the technical problem during the first exam and (ii) conduct of makeup exams once the lockdown period is over and students start coming to the college. In both cases the examinations taken by the students will be treated as 'First Attempt' only.

- In response the VC sir's reply Mr. KNS Acharya expressed it as fair point. He suggested to categorize the subjects and decide the assessment methodology; Problem solving type questions in a limited time scope and Programming exercises can be done in different way. He emphasized on alternative arrangements of assessment without undue dependence on only pen and paper kind of assessment. In reply VC sir said even though the suggestions are well taken but we cannot implement them during this semester as we have the practice of sharing assessment methods in the beginning of the semester through our lesson plans.
- Dr. KNS Achary said Online proctoring by faculty members is a waste of time rather use technology for the proctoring. He asked University to watch job market. Industries are watching how colleges/universities adapt to COVID 19. Document your initiatives to impress upon the industries.

Resolution: Resolved to approve the proposed changes regarding conduct of End Semester Assessment (ESA).

3	<p>To review the preparedness for the academic delivery during the ensuing semester.</p>
	<p>Covid 19 posed an unprecedented challenge to curriculum delivery during the second half of academic year 2019-2020. It called for urgent efforts to equip ourselves to continue to deliver courses and complete assessments. This was done using technology. There was a good learning to all the stakeholders including students, faculty members and leadership. However, uncertainty continues.</p> <p>KLE Tech sees an opportunity in these challenging times and wishes to prepare itself to become future ready in terms of continuing to offer quality learning experiences to its students. Using the experiences of the previous semester and the aspirations of the leadership, a technology enabled learning environment is being envisioned. This environment blends in-person and virtual modes of curriculum delivery. Both asynchronous and synchronous modes of virtual delivery are part of the system being planned. The system design is influenced by available eLearning architectures, best practices of eLearning pedagogies and state of art technology and tools.</p> <p>Preparedness in terms of training of faculty members, addition of new resources and facilities are planned to be ready for the forthcoming semester. A brief presentation on our strategy to get ready for the ensuing semester will be made during the meeting.</p>

Action Requested: To review the preparedness for the academic delivery during the ensuing semester.

Discussion: Dr. Joshi, Dean CI&PA presented the preparedness of the University regarding academic delivery. Dr. KNS Acharya wanted to know proportions of synchronous and asynchronous learning. Dr. Lokesh asked about the practice of flipped classroom that KLE Tech was doing. In reply to both VC sir said we are panning for any combination of synchronous and asynchronous modes of delivery starting from zero to 100. The flipped classroom is also

part of this approach. When asked whether KLE Tech has plans to create its own videos, VC sir said yes, it is our approach.

Participating in the discussions honorable members made following comments:

- Dr. KNS Acharya asked to understand the faculty psychology. They may feel that if I give my best then I will become disposable to the University. In reply VC sir said that being good in online delivery could become an important selling point for the faculty members as it will become part of his appraisal process.
- Prof. Shettar informed that in the first phase only about 120 faculty members will be trained in online delivery. Each department will have the review committee to check the content and quality of the videos.
- Mr. Balaji mentioned that video content creation and how to connect with the audiences is a huge effort. Quality and infrastructure that is going to come up is important. He wondered whether there is a need to take the help of a 3rd party. Prof. Shettar asked about the modalities for the review process. In reply, Mr. Balaji suggested that Mr. Amit Chaudhary could be of help as he is an expert. He can help in creating e-content, build the user story and support in using the content. Mr. Balaji took this action item upon himself for connecting Mr. Amit Chaudhary with KLE Tech.
- Dr. KNS Acharya cautioned regarding recording of faculty lectures and putting the videos on LMS immediately.
- Dr. Manjunath mentioned the need for intelligence gathering from what other Universities are doing.
- When Prof. Shettar explained about 'Light Board' technology, Dr. KNS enquired whether it is possible to project 'PPT' on it and also suggested that videos be cloud based. Dr. Manjunath raised the issues related to storage and its management.
- Mr. Vivek Pawar commented upon challenges faced by teachers and students. Teachers are missing face-to-face environment and students are missing peer learning.
- Dr. KNS Acharya suggested to explore LMS from TEDx. He said features of TEDx are far better than those in Moodle. He suggested to use the Microsoft products as we have alliance with Microsoft already. He also volunteered to send a presentation on MS Stream, which is very user friendly. He also agreed to arrange for a demo. He also suggested 'Solid Professor' platform for online learning, which has campus –wide license provision.

Resolution: The Academic Council members expressed their satisfaction over steps taken by the University in getting ready for the ensuing semester in view of uncertainty prevailing.

4	Any other matter with the permission of the Chair

Table Agenda: To consider and discuss about NIRF ranking.

Discussion: Members wanted to know the NIRF ranking for the year 2020. Prof. Tewari informed that the NIRF ranking this year has improved by 23 places. It was 159 last year and for this year it is 136. Members congratulated the University leadership, faculty and staff.

Mr Balaji suggested to raise the NIRF ranking to below first 50 in the next two years. In reply Prof. Shettar informed that we are focusing on improving research output of faculty members, however in 'perception' criterion we are lagging and we need a strategy to improve its score.

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
75.	Dr Ashok Shettar	Vice Chancellor	Chairman
76.	Dr Lokesh Boregowda	Director, Vision Research	Member
77.	Dr KNS Acharya	VP KPIT Technologies	Member
78.	Dr. Manjunath D	Prof IIT, Bombay	Member
79.	Dr. N.H. Ayachit	Registrar	Member Secretary
80.	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
81.	Prof B L Desai	Executive Dean	Member
82.	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member
83.	Dr Uma K Mudenagudi	Dean R & D	Member
84.	Dr Meena S M	Head of School of CSE	Member
85.	Dr Nalini	Head of School of ECE	Member
86.	Dr S S Quadri	Head of School of Civil Engg	Member
87.	Dr A.B.Raju	Head, E&E Dept	Member
88.	Dr U M Muddapur	Head of BT Dept	Member
89.	Prof Vinaya Hiremath	Head, School of Architecture	Member
90.	Dr P R Patil	Head of MCA Dept	Member
91.	Dr Sanjay Kotabagi	Head of Humanities Dept	Member
92.	Dr. S.V. Patil	Head of SMSR	Member
93.	Prof TVM Swamy	Freshman Coordinator	Member
94.	Dr A V Nandi	Controller of Examinations	Member
95.	Dr G H Joshi	Director CEER	Member
96.	Prof Nitin Kulkarni	Director CTIE	Member
97.	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 Giriapur	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 3 rd May 2019.	1	5
10.2	To confirm the action taken report on the minutes of the previous meeting held on 3 rd 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 <i>Electronics & Communication Engineering</i> 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 along with that of subsequent summer semester and to discuss these results	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 3 rd May 2019.																																																																																																																				
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AC 9.3	<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> <ul style="list-style-type: none"> c) VII & VIII Semesters of B.E.(2016-20) and d) B.Arch. (2016-21) programs <p>Resolution 9.3: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> d) VII & VIII Semesters of B.E.(2016-20) and e) B.Arch. (2016-21) programs
AC 9.4	<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> <ul style="list-style-type: none"> 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) <p>Resolution 9.4: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> c) V & VI Semesters of B.E.(2017-21) and B.Arch. (2017-22) programs d) V & VI Semesters of M.C.A program (2017-20)
AC 9.5	<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> <ul style="list-style-type: none"> 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) <p>Resolution 9.5: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> 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	<p>To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:</p> <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> xiii. I & II Semesters of B.E. and B.Arch. xiv. I & II Semesters of M.Tech, M.C.A xv. I, II & III Terms of M.B.A xvi. I & II Semesters of B.Sc (Electronics) e) Scheme of B.B.A. (I to IX Terms) & Syllabus of I, II & III Terms of B.B.A <p>Resolution 9.6: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> 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:

	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) d) 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 3 rd 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 8 th AC meeting held on 2 nd 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: e) VII & VIII Semesters of B.E.(2016-20) and f) 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: f) VII & VIII Semesters of B.E.(2016-20) and g) B.Arch. (2016-21) programs	The Academic Council approved syllabi of 7 th and 8 th 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: f) V & VI Semesters of B.E.(2017-21) and B.Arch. (2017-22) programs g) V & VI Semesters of M.C.A program (2017-20)	The Academic Council approved syllabi of 5 th and 6 th semesters of BE, B. Arch and MCA programmes for the academic year 2019-20 is being implemented.

AC 9.5	<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> <ul style="list-style-type: none"> 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) <p>Resolution 9.5: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> 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) 	<p>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.</p>
AC 9.6	<p>To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:</p> <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 <p>Resolution 9.6: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> 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: 	<p>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.</p>

	ix. I & II Semesters of B.E. and B.Arch. x. I & II Semesters of M.Tech, M.C.A xi. I, II & III Terms of M.B.A xii. 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),

	<p>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.</p> <p>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.</p> <p>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.</p> <p>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</p> <ul style="list-style-type: none"> • 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. <p>The qualified teaching faculty from university and qualified experts who are recognized by the university as per the norms shall share the work.</p> <ul style="list-style-type: none"> • The instructions can be <ul style="list-style-type: none"> 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.
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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 Programme 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 Engg.	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, Digital Electronics, VLSI Design & Embedded Systems, Computer Science Engg.
2. M.Tech programmes suggested for continuation with change of name: Production Management and Machine Design.
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.
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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 programmes 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 their 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.
11. Members also discussed about the discontinuation of M.Tech. program in Energy Systems Engineering and change in the title of M.Tech. programs viz., Production Management and Machine Design as per the directions of Board of Governors.

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) Resolved to approve the continuation of all M. Tech programmes except 'Energy Systems Engineering' for the academic year 2020-21.
- c) Resolved to approve the Change of title of M.Tech programmes from 'Machine design' to 'Design Engineering" and 'Production

Management' to 'Advanced Manufacturing Systems'.

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.

- Person like Mr. Manjunath Hebbar of NASSCOM may be useful for restructuring the MTech curriculum.
- Initial discussion should happen through Email and video conference before the two months of the workshop.
- Plan program well in advance and write your expectation clearly.
- Make video conference meeting with industry experts and share your expectations.
- 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.
- There was a suggestion to conduct meeting at Bangalore, if possible.
- 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.
- Target 10-15 companies. Include other faculty from IIT/ IISc.
- 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.

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

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	<p>(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.</p> <p>(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 <i>four weeks</i>.</p> <p>(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.</p> <p>(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.</p>	i	<p>(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.</p> <p>(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.</p> <p>(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.</p> <p>(d) The Head of the School / Department in consultation with Research Supervisor and external examiners shall schedule the</p>

	<p>Examiners shall communicate the result of the Comprehensive Viva Voce to the RPC as:</p> <ol style="list-style-type: none"> 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 <i>three</i> months for re-examination, OR 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. 	<p>date/time for the comprehensive Viva Voce and conduct the same preferably within <i>four</i> weeks based on the written request from the candidate.</p> <ol style="list-style-type: none"> (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. <ul style="list-style-type: none"> 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. <p>The committee may suggest refining of thesis title, objectives and orientation.</p> <ol style="list-style-type: none"> (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
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			<p>purpose, based on written request from the candidate with the recommendations of the Research Supervisor (s), the SRC and RPC.</p> <p>(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.</p>
1.3.9	<p>Minimum Period for Submission of Thesis by</p> <p>(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.</p> <p>(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.</p>	1.3.9	<p>Minimum Period for Submission of Thesis by</p> <p>(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.</p>
1.3.1 0	<p>Maximum Period for Submission of Thesis by</p> <p>(a) Full Time research scholars:</p> <ul style="list-style-type: none"> 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. <p>(b) Part-time research scholars</p> <ul style="list-style-type: none"> 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. 	1.3.1 0	<p>Maximum Period for Submission of Thesis by</p> <p>(a) Full Time research scholars:</p> <ul style="list-style-type: none"> 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. <p>(b) Part-time research scholars</p> <ul style="list-style-type: none"> 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	<p>To discuss and approve the proposed changes in Rules and Regulations governing UG programmes.</p> <p>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.</p> <p>The original regulations and modified /new regulations are presented below.</p>
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Earlier regulation	New regulation																																			
<p>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.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Semester</th> <th style="width: 60%;">Course</th> <th style="width: 25%;">Credits</th> </tr> </thead> <tbody> <tr> <td rowspan="5" style="text-align: center; vertical-align: middle;">8</td> <td>• PE</td> <td style="text-align: center;">03</td> </tr> <tr> <td>• OE</td> <td style="text-align: center;">03</td> </tr> <tr> <td>• Capstone Project</td> <td style="text-align: center;">14</td> </tr> <tr> <td colspan="2" style="text-align: center;">OR</td> </tr> <tr> <td>• Internship</td> <td style="text-align: center;">06</td> </tr> <tr> <td>• Capstone Project</td> <td style="text-align: center;">14</td> </tr> </tbody> </table>	Semester	Course	Credits	8	• PE	03	• OE	03	• Capstone Project	14	OR		• Internship	06	• Capstone Project	14	<p style="color: blue;">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’.</p> <table border="1" style="width: 100%; border-collapse: collapse; color: blue;"> <thead> <tr> <th style="width: 15%;">Semester</th> <th style="width: 60%;">Course</th> <th style="width: 25%;">Credits</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">7</td> <td>• Senior Design Project</td> <td style="text-align: center;">06</td> </tr> <tr> <td rowspan="5" style="text-align: center; vertical-align: middle;">8</td> <td>• PE</td> <td style="text-align: center;">03</td> </tr> <tr> <td>• OE</td> <td style="text-align: center;">03</td> </tr> <tr> <td>• Capstone Project</td> <td style="text-align: center;">11</td> </tr> <tr> <td colspan="2" style="text-align: center;">OR</td> </tr> <tr> <td>• Internship</td> <td style="text-align: center;">06</td> </tr> <tr> <td>• Capstone Project</td> <td style="text-align: center;">11</td> </tr> </tbody> </table>	Semester	Course	Credits	7	• Senior Design Project	06	8	• PE	03	• OE	03	• Capstone Project	11	OR		• Internship	06	• Capstone Project	11
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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:

- 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.
- Decided to do engage students in doing ‘Senior Design Project’ during 7th Semester before students go for internship in the 8th Semester.
- 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. <i>Sample of the data and its analysis is enclosed in annexure 4.</i>

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.
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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?
 - o 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
10.	To develop the 2 year cycle for IREF	Mr. Balaji Holur, Dr D Manjunath, Dr Lokesh Boregouda with Dr Uma K M.	15 th March 2020
11.	Identify and share names of research groups to external Academic Council members	Dr Uma K M	15 th January 2020
12.	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.	15 th 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.

Minutes

11th Academic Council Meeting (Online)

of

KLE Technological University

Hubballi, Karnataka

28th August, 2021

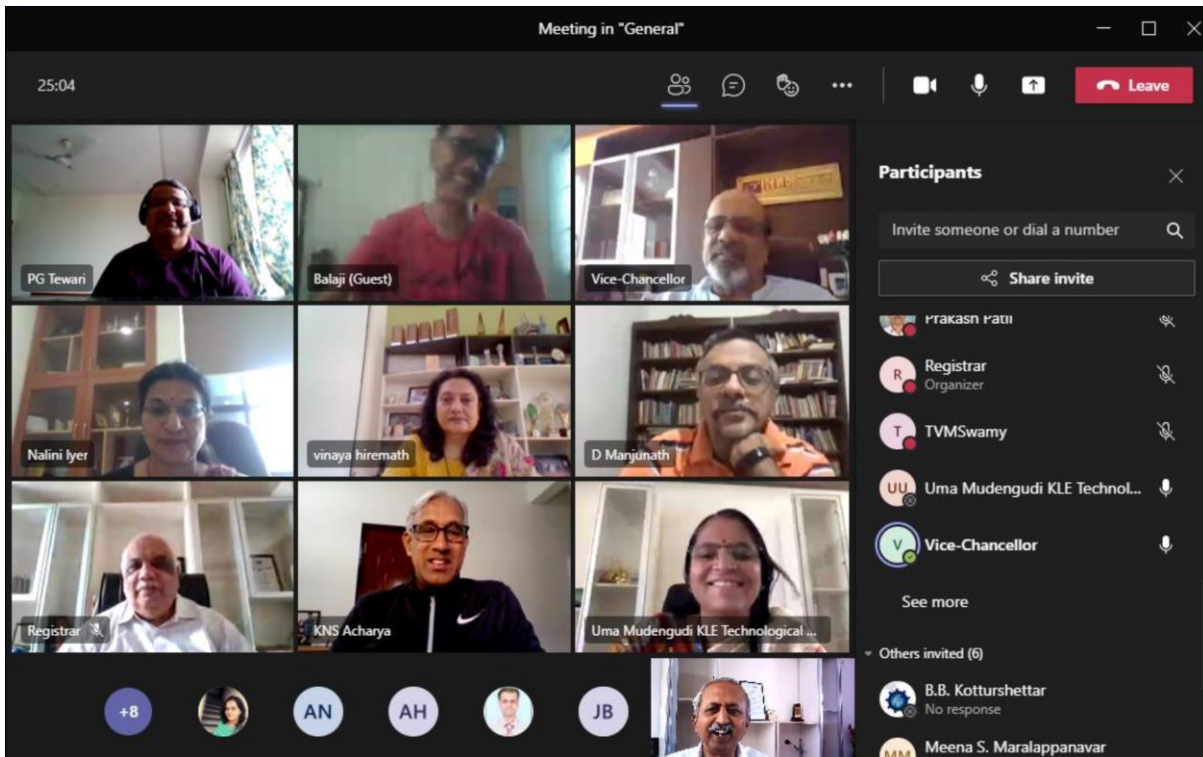
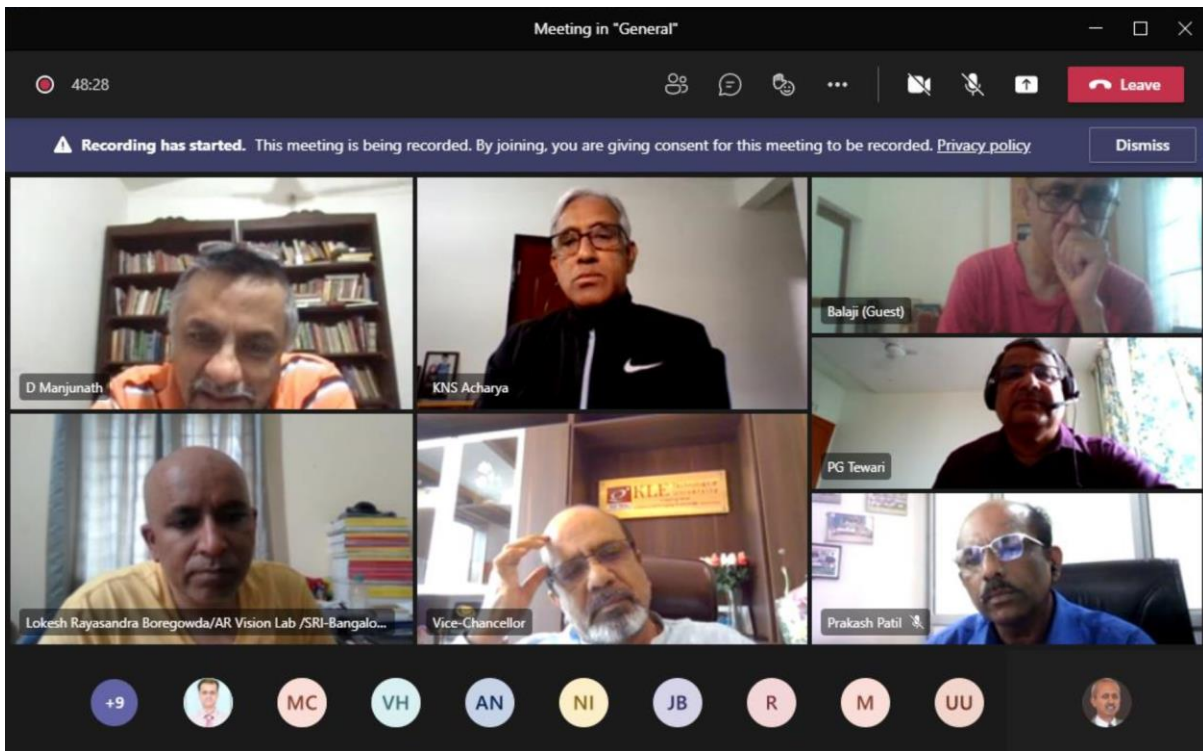
Time: 10.30 am



KLE Technological
University
Creating Value
Leveraging Knowledge

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

Academic Council Meeting 11 Screenshots



Meeting in "General" 26:15

Request control

KLE Technological University
 Creating Value
 Leveraging Knowledge

WELCOME TO 11th ACADEMIC COUNCIL MEETING

28th August 2021

Online Meeting at 10.30 am

PG Tewari

+15 KA DM B

PG Tewari Registrar Vice-Chancellor

Meeting in "General" 28:17

Request control

Time allocation for discussion

Sl. No	Time Allotted in Minutes
Agenda 11.1	5
Agenda 11.2	15
Agenda 11.3	90
Agenda 11.4	
Agenda 11.5	
Agenda 11.6	
Agenda 11.7	20
Agenda 11.8	20
Agenda 11.9	10
Agenda 11.10	05
Agenda 11.11	05
Total	170

PG Tewari

Participants

Invite someone or dial a number

Share invite

- PG Tewari
- Placement
- Prakash Patil
- Registrar Organizer
- Sanjay Kotabagi
- Uma Mudengudi KLE Techno...

The following are the minutes of the Academic Council Meeting of KLE Technological University, Hubballi, which was held on 28-08-2021 at 10.30 am in online mode.

The following Members were Present.

Sr	Name	Designation	Position
	Dr Ashok Shettar	Vice Chancellor	Chairman
	Sri KNS Acharya	VP KPIT Technologies	Member
	Dr. Manjunath D	Prof IIT, Bombay	Member
	Dr Balaji Holur	VP, Samsung R&D	Member
	Dr Lokesh Boregowda	Director, Vision Research	Member
	Prof B L Desai	Registrar	Member Secretary
	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
	Dr Uma K Mudenagudi	Dean R & D	Member
	Dr Meena S M	Head of School of CSE	Member
	Dr Nalini C. Iyer	Head of School of ECE	Member
	Dr. M.V. Chitawadagi	Head of School of Civil Engg	Member
	Dr A.B.Raju	Head, E&E Dept	Member
	Prof Arun C Giriapur	Head of ARE Dept	Member
	Dr BS. Hunagund	Head of BT Dept	Member
	Prof Vinaya Hiremath	Head, School of Architecture	Member
	Dr P R Patil	Head of MCA Dept	Member
	Dr Sanjay Kotabagi	Head of Humanities Dept	Member
	Dr. Jagdish Bapat	Head of SMSR	Member
	Prof TVM Swamy	Freshman Coordinator	Member
	Dr A V Nandi	Controller of Examinations	Member
	Dr Vijayalaxmi M.	Director CEER	Member
	Prof. Ravi Guttal	Director CIPD	Member
	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 Satyajit Majumdar	Professor, TISS Mumbai	Member
3	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member
4	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member

Agenda

Sl. No	Particulars	Page No.
11.1	To read and confirm the minutes of the previous meeting held on 20 th June 2020 and the agenda by circulation dated 17 th August 2020.	1
11.2	To confirm the action taken report on the minutes of the previous meeting held on 20 th June 2020 and the agenda by circulation dated 17 th August 2020.	8
11.3	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by the respective Boards of studies and approve the same: a) VII & VIII Semesters of B.E.(2018-22) b) VII & VIII Semesters of B. Arch (2018-23) and c) IX & X Semesters B.Arch. (2017-22) programs	18
11.4	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 BE (2019-23) and B.Arch. (2019-24) programs b) V & VI Semesters of MCA program (2019-22)	21
11.5	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 BE (2020-24) and BArch (2020--25) programs b) III & IV Semesters of M. Tech (2020-22) and IV, V & VI Terms of MBA (2020-21) programs), c) III & IV Semesters of MCA (2020-22)	22
11.6	To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below: a) Schemes for the batches starting from 2021, of BE (I to VIII Semesters), B.Arch. (I to X Semesters), M.B.A. (I to IV Semesters), M Tech (I to IV Semesters), M.C.A. (I to IV Semesters). b) Syllabi for batches starting from 2021 of the following programs: v. I & II Semesters of BE and BArch. vi. I & II Semesters of M Tech, MCA vii. I & II Semesters of MBA viii. I & II Semesters of BSc. (Electronics) c) Scheme of BBA (I to VI Semesters) & Syllabus of I & II Semesters of BBA	23
11.7	To discuss the research progress report for the years 2020 & 2021.	24
11.8	To ratify the action taken regarding the announcement of results of the June-July 2020 exam along with that of the subsequent summer semester results.	25

11.9	To approve the list of eligible candidates for the conferment of various degrees (Bachelor of Engineering, Master of Technology, Master of Business Administration and Master of Computer Applications) at the second convocation of KLE Technological University.	26
11.10	To approve the list of rank holders of various programs.	27
11.11	Any other subject with the permission of the Chair. Table agenda 1: To discuss the new constituent colleges joining KLE Technological University (Information agenda) Table agenda 2: To discuss top 3 visions of the Vice-chancellor for the next 5 years (information agenda)	28

AC 11.1	<p>To read and confirm the minutes of the previous meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.</p>																																																																																																																
	<p>The following are the minutes of the Online Special Academic Council Meeting of KLE Technological University, Hubballi, which was held on 20-06-2020 at 11.00 am in online mode via Microsoft Teams.</p> <p>The following Members were Present.</p> <table border="1" data-bbox="357 461 1500 1742"> <thead> <tr> <th>Sr</th> <th>Name</th> <th>Designation</th> <th>Position</th> </tr> </thead> <tbody> <tr><td>146</td><td>Dr Ashok Shettar</td><td>Vice Chancellor</td><td>Chairman</td></tr> <tr><td>147</td><td>Dr Lokesh Boregowda</td><td>Director, Vision Research</td><td>Member</td></tr> <tr><td>148</td><td>Dr KNS Acharya</td><td>L&T Technology Services Limited</td><td>Member</td></tr> <tr><td>149</td><td>Dr. Manjunath D</td><td>Prof IIT, Bombay</td><td>Member</td></tr> <tr><td>150</td><td>Dr Satyajit Majumdar</td><td>Professor, TISS Mumbai</td><td>Member</td></tr> <tr><td>151</td><td>Sri Vivek G Pawar</td><td>Chairman Sankalp Semiconductors Hubballi</td><td>Member</td></tr> <tr><td>152</td><td>Sri. Balaji Holur</td><td>VP, Samsung R&D</td><td>Member</td></tr> <tr><td>153</td><td>Dr P G Tewari</td><td>Principal BVBCET & Dean Academic</td><td>Member</td></tr> <tr><td>154</td><td>Prof B L Desai</td><td>Executive Dean</td><td>Member</td></tr> <tr><td>155</td><td>Dr B B Kotturshettar</td><td>Head of School of Mechanical Engg. & Dean P&D</td><td>Member</td></tr> <tr><td>156</td><td>Dr Uma K Mudenagudi</td><td>Dean R & D</td><td>Member</td></tr> <tr><td>157</td><td>Dr Meena S. M.</td><td>Head of School of CSE</td><td>Member</td></tr> <tr><td>158</td><td>Prof Arun C Giriapur</td><td>Head of ARE Dept</td><td>Member</td></tr> <tr><td>159</td><td>Dr Nalini</td><td>Head of School of ECE</td><td>Member</td></tr> <tr><td>160</td><td>Dr V.B.Patil</td><td>Head of School of Civil Engg</td><td>Member</td></tr> <tr><td>161</td><td>Dr A.B.Raju</td><td>Head, E&E Dept</td><td>Member</td></tr> <tr><td>162</td><td>Dr Basavaraj Hungund</td><td>Head of BT Dept</td><td>Member</td></tr> <tr><td>163</td><td>Prof Vinaya Hiremath</td><td>Head, School of Architecture</td><td>Member</td></tr> <tr><td>164</td><td>Dr P R Patil</td><td>Head of MCA Dept</td><td>Member</td></tr> <tr><td>165</td><td>Dr Sanjay Kotabagi</td><td>Head of Humanities Dept</td><td>Member</td></tr> <tr><td>166</td><td>Dr. S.V. Patil</td><td>Head of SMSR</td><td>Member</td></tr> <tr><td>167</td><td>Prof TVM Swamy</td><td>Freshman Coordinator</td><td>Member</td></tr> <tr><td>168</td><td>Dr A V Nandi</td><td>Controller of Examinations</td><td>Member</td></tr> <tr><td>169</td><td>Dr G H Joshi</td><td>Director CEER</td><td>Member</td></tr> <tr><td>170</td><td>Prof Nitin Kulkarni</td><td>Director CTIE</td><td>Member</td></tr> <tr><td>171</td><td>Prof C D Kerure</td><td>Placement Officer</td><td>Member</td></tr> <tr><td>172</td><td>Dr. N.H. Ayachit</td><td>Registrar</td><td>Member Secretary</td></tr> </tbody> </table>	Sr	Name	Designation	Position	146	Dr Ashok Shettar	Vice Chancellor	Chairman	147	Dr Lokesh Boregowda	Director, Vision Research	Member	148	Dr KNS Acharya	L&T Technology Services Limited	Member	149	Dr. Manjunath D	Prof IIT, Bombay	Member	150	Dr Satyajit Majumdar	Professor, TISS Mumbai	Member	151	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member	152	Sri. Balaji Holur	VP, Samsung R&D	Member	153	Dr P G Tewari	Principal BVBCET & Dean Academic	Member	154	Prof B L Desai	Executive Dean	Member	155	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member	156	Dr Uma K Mudenagudi	Dean R & D	Member	157	Dr Meena S. M.	Head of School of CSE	Member	158	Prof Arun C Giriapur	Head of ARE Dept	Member	159	Dr Nalini	Head of School of ECE	Member	160	Dr V.B.Patil	Head of School of Civil Engg	Member	161	Dr A.B.Raju	Head, E&E Dept	Member	162	Dr Basavaraj Hungund	Head of BT Dept	Member	163	Prof Vinaya Hiremath	Head, School of Architecture	Member	164	Dr P R Patil	Head of MCA Dept	Member	165	Dr Sanjay Kotabagi	Head of Humanities Dept	Member	166	Dr. S.V. Patil	Head of SMSR	Member	167	Prof TVM Swamy	Freshman Coordinator	Member	168	Dr A V Nandi	Controller of Examinations	Member	169	Dr G H Joshi	Director CEER	Member	170	Prof Nitin Kulkarni	Director CTIE	Member	171	Prof C D Kerure	Placement Officer	Member	172	Dr. N.H. Ayachit	Registrar	Member Secretary
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- Dr. Lokesh wanted to know about the students' feedback on online course delivery and its effectiveness. In reply, Prof. Ashok Shettar informed that course-wise feedback is not collected, but feedback on the overall comfort level of the system was collected. He further informed that due to lack of time and sudden switching over to virtual classes, faculty members had very little time to learn e-pedagogy, and they did their best on the basis of their experience in delivering offline mode. Now the institution has plans to train the faculty members in e-pedagogy in a systematic manner. Dr. Lokesh suggested for evolving method of regular feedback for online classes.
- Dr. KNS Acharya opined that a lot of positivity has come out during this COVID 19. He added that things are not going to change. Appreciating the faculty members doing nearly 1200 online courses during this lockdown period, he commented that this should not become one-time action. It should become their goal post, and the data presented regarding this has to be tracked in the next 2 to 3 academic council meetings. Replying to this, Prof. Shettar mentioned that this would be part of faculty appraisal, and it is going to be a strategic approach. He also mentioned that these online platforms are pretty costly. We are talking to Coursera for a campus license to make it available to faculty as some advanced courses on this platform have helped many faculty take up study in interdisciplinary areas.
- Dr. Mujumdar opined that a proper online delivery design is essential, and the right curriculum design is also necessary for online delivery. The teaching strategy for online mode is also essential. He expressed that it will be interesting for the faculty to do some kind of whitepaper work by carrying out a futuristic study on this and also on students' projects involving futuristic technology. He suggested that it is not advisable to deliver long lectures in online mode.
- Dr. KNS Acharya wanted to know steps being taken to ensure the quality of projects when some of the industries expressed their inability to continue industry internships. Prof. Nalini, Prof. Meena, and Prof. Kotturshettar explained the strategies adopted by them in ensuring quality and completion of project work. Intervening in the discussion, Prof. Shettar informed that the project outcomes are much better this time in EC and CS programmes; however challenges persist in traditional programmes like mechanical and civil engineering where prototypes and hardware work is involved. When Mr. KNS Acharya asked a specific question about mechanical engineering projects, Prof. Kotturshettar explained the plan of

approach the department has planned in this regard. Further, it was informed that Project guides monitor the progress of projects through a series of reviews with more emphasis on design, analysis, simulation, and FEA Analysis as project expectations have been changed based on the existing situation. Physical prototypes have been converted into virtual prototypes. Mr. Balaji shared his experience as a reviewer for one of the projects and said the project quality was excellent. Further, he wanted to know whether KLE Tech has considered the industry experts or outside experts under the review process of the projects. Both Prof. Meena and Prof. Nalini replied that industry experts are part of the review of students' projects.

- Dr. Lokesh wanted to know how the individual contribution of a student is assessed in a project. In reply, Prof. Meena mentioned that questions were asked to individual students in one-to-one mode, and his/her contributions were assessed. Dr. Lokesh suggested dividing the task into sub-tasks and assigning sub-task to each team member to assess the individual contribution of the students. Dr. Lokesh suggested evolving methods to assess individual contributions.
- Mr. Vivek Pawar suggested making minor changes in questions and checking how much time they took to complete the task.
- Dr. KNS Achary with reference to online courses completed by faculty wanted to know the process of selection of courses. In reply, Prof Shettar replied that the selection was based on the research group to which they belong or the thread of the course or courses required for their research. This was done in consultation with their respective HoDs and senior faculty or head of the research group. Further, he mentioned that the faculty were given the option to choose the course from Coursera, Udemy, NPTEL, etc., and the selected courses were reviewed. The option was also given to register for a set of courses under a theme.
- Dr. KNS Achary said that it is important that the faculty who chose a particular track should upgrade continuously, and they should increase their level. It is a good way of utilizing time.
- Dr. Lokesh asked whether University is trying to replace the academic course with Coursera courses. In reply, the Honorable Vice-chancellor informed that students are given the option of doing a Coursera course as part of an academic course. In some cases, Students learn a part of the educational curriculum from Coursera courses, and the remaining part was handled by the faculty in online mode. Thus in such cases with both asynchronous and synchronous delivery, we ensured students learning.
- Mr. Balaji expressed that there could be a lot of stress on faculty members due to the sudden shift to online delivery, and he suggested arranging for counselors and check the stressful condition of the faculty.

	<ul style="list-style-type: none"> • Dr. KNS Acharya informed that the corporate educators are going through a lot of stressful situations, and they have gone through some stressful days. Since the University action plan is not yet prepared and you are putting faculty members in front of the camera, and that may cause a lot of stress. In reply, Prof. Shettar said only a part of the selected total faculty would be trained. • Dr. Manjunath opined that it is important to look at how much the students receive. The student side is also essential. Extremely important to collect the data, including demographic data. <p>Resolution: The Academic Council members anonymously resolved to place on record their appreciation for the actions taken by the University to handle the academic activities during the COVID- 19 pandemic.</p>
Special ACM 2	<p>To consider and approve the proposed changes regarding conduct of End Semester Examination (ESA) in view of COVID-19 pandemic.</p> <p>Discussion: Dr. Tewari, Dean Academics, presented the proposed changes regarding ESA’s conduct and explained the need for the same. Participating in the discussions, honorable members sought clarifications, suggested few best practices, and also made comments.</p> <ul style="list-style-type: none"> • Dr. Lokesh, wanted to know whether the examinations are descriptive type and expressed that the online examinations are not foolproof. There will be problems with the network being unreliable, and power may go. He suggested, if possible, allow a small fraction of students to come to college to take the examinations. He also suggested documenting the backup plans. In reply, the Chairman, Prof Shettar, explained how the online exams are planned using MS Teams for proctoring and Exam.Net for the conduct of exams. He also added that the Karnataka Government is not permitting the student to come to the campus as a precautionary measure, and there is an urgency to conduct exams as companies are asking for joining dates for the campus-selected students. In view of this, it is essential to conduct exams. He also explained the backup plans; (i) conduct online makeup exams for the students facing the technical problem during the first exam and (ii) conduct makeup exams once the lockdown period is over and students start coming to the college. In both cases, the examinations taken by the students will be treated as ‘First Attempt’ only. • In response to the honorable Vice Chancellor’s reply, Mr. KNS Acharya expressed it as a fair point. He suggested categorizing the courses and deciding the assessment methodology; Problem-solving type questions in a limited time scope, Programming exercises in a different way, etc. He emphasized alternative arrangements of assessment without undue dependence on only pen and paper kind of assessment. In reply, Prof Shettar said that even though the suggestions are well taken, but we cannot implement them during this semester as we have the practice of sharing assessment methods at the beginning of the semester

	<p>through our lesson plans.</p> <ul style="list-style-type: none"> • Dr. KNS Acharya told to watch the job market. Industries are watching how colleges/universities adapt to COVID 19. Document your initiatives to impress upon the industries. <p>Resolution: Resolved to approve the proposed changes regarding conduct of End Semester Assessment (ESA).</p>
<p>Special ACM 3</p>	<p>To review the preparedness for the academic delivery during the ensuing semester.</p> <p>Discussion: Dr. Joshi, Dean CI&PA presented the preparedness of the University regarding academic delivery. Dr. KNS Acharya wanted to know the proportions of synchronous and asynchronous learning. Dr. Lokesh asked about the practice of flipped classrooms that KLE Tech was doing. In reply to both, it was informed that there are plans for a combination of synchronous and asynchronous modes of delivery starting from zero to 100%. The flipped classroom is also part of this approach. When asked whether KLE Tech has plans to create its own videos, the Honorable Vice-Chancellor replied in affirmative.</p> <p>Participating in the discussions, honorable members made the following comments:</p> <ul style="list-style-type: none"> • Dr. KNS Acharya asked to understand the faculty psychology-They may feel that if I give my best, I will become disposable to the University. In reply, Prof Shettar opined that being good in online delivery could become an important selling point for the faculty members in the future as it will become a part of once appraisal process. • Prof. Shettar informed that only about 120 faculty members will be trained in online delivery in the first phase. Each department will have a review committee to check the content and quality of the videos. • Mr. Balaji mentioned that video content creation and how to connect with the audiences is a huge effort. Quality and infrastructure that are going to come up are important. He wondered whether there was a need to take the help of a 3rd party. Prof. Shettar asked about the modalities for the review process. In reply, Mr. Balaji suggested that Mr. Amit Chaudhary could be of help as he is an expert. He can help in creating e-content, build the user story, and support in using the content. Mr. Balaji took this action item upon himself for connecting Mr. Amit Chaudhary with KLE Tech. • Dr. KNS Acharya cautioned regarding the recording of faculty lectures and putting the videos on LMS immediately. • Dr. Manjunath mentioned the need for intelligence gathering from what other Universities are doing. • When Prof. Shettar explained 'Light Board' technology, Dr. KNS enquired whether it is possible to project 'PPT' on it and suggested that videos be on the cloud. Dr.

	<p>Manjunath raised the issues related to storage and its management.</p> <ul style="list-style-type: none"> • Mr. Vivek Pawar commented upon challenges faced by teachers and students. Teachers are missing a face-to-face environment, and students are missing peer learning. • Dr. KNS Acharya suggested exploring LMS from EDx. He suggested using the Microsoft products as University has an alliance with Microsoft already. He also volunteered to send a presentation on MS Stream, which is very user-friendly. He also agreed to arrange for a demo. He also suggested a 'Solid Professor' platform for online learning, which has campus-wide license provision. <p>Resolution: The Academic Council members expressed their satisfaction over steps taken by the University in getting ready for the ensuing semester in view of uncertainty prevailing.</p>
Special ACM 4	<p>Table Agenda: To consider and discuss about NIRF ranking.</p> <p>Discussion: Members wanted to know the NIRF ranking for the year 2020. Prof. Tewari informed that the NIRF ranking this year has improved by 23 places. It was 159 last year, and for this year, it is 136. Members congratulated the University leadership, faculty, and staff.</p> <p>Mr. Balaji suggested raising the NIRF ranking to below the first 50 in the next two years. In reply, Prof. Shettar informed that the University is focusing on improving faculty members' research output; however, in the 'perception' criterion, we are lagging and need a strategy to improve its score.</p> <p>Resolution: The Academic Council members expressed their satisfaction and it was decided to have a strategy to improve the NIRF ranking.</p>
<p>The following are the minutes of the Academic Council Meeting of KLE Technological University, Hubballi, which was held through circulation on 17-08-2020.</p>	
ACM by circulation	<p>To consider the Schemes, Syllabi and New academic regulations of 2 years MCA and MBA programmes as recommended by the respective Board of studies and approve the same.</p> <p>Resolution: Resolved to approve the Schemes, Syllabi and New academic regulations of 2 year MCA and MBA programmes.</p>
ACM by circulation	<p>To consider the institution of B.Voc programme from the academic year 2020-21 in collaboration with NTTF and approve the Schemes and Syllabi of the below mentioned B.Voc programs as recommended by respective Board of Studies:</p> <ol style="list-style-type: none"> Tool Engineering & Digital Manufacturing Mechatronics Engineering & Smart Factory <p>Resolution: Resolved to approve the scheme and syllabi of the following BVoc programmes offered in collaboration with NTTF:</p>

	I. Tool Engineering & Digital Manufacturing and II. Mechatronics Engineering & Smart Factory
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Action Requested: To confirm the minutes of the previous meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.

Discussion:

Resolution 11.1: Resolved to confirm the minutes of its meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.

AC 11.2	To confirm the action taken report on the minutes of the previous meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.	
Item No.	Description	Action Taken
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1200 online courses during this lockdown period, he commented that this should not become one-time action. It should become their goal post, and the data presented regarding this has to be tracked in the next 2 to 3 academic council meetings. Replying to this, Prof. Shettar mentioned that this would be part of faculty appraisal, and it is going to be a strategic approach. He also mentioned that these online platforms are pretty costly. We are talking to Coursera for a campus license to make it available to faculty as some advanced courses on this platform have helped many faculty take up study in interdisciplinary areas.

- Dr. Mujumdar opined that a proper online delivery design is essential, and the right curriculum design is also necessary for online delivery. The teaching strategy for online mode is also essential. He expressed that it will be interesting for the faculty to do some kind of whitepaper work by carrying out a futuristic study on this and also on students' projects involving futuristic technology. He suggested that it is not advisable to deliver long lectures in online mode.
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- Dr. KNS Achary said that it is important that the faculty who chose a particular track should upgrade continuously, and they should increase their level. It is a good way of utilizing time.
- Dr. Lokesh asked whether University is trying to replace the academic course with Coursera courses. In reply, the Honorable Vice-chancellor informed that students are given the

	<p>option of doing a Coursera course as part of an academic course. In some cases, Students learn a part of the educational curriculum from Coursera courses, and the remaining part was handled by the faculty in online mode. Thus in such cases with both asynchronous and synchronous delivery, we ensured students learning.</p> <ul style="list-style-type: none"> • Mr. Balaji expressed that there could be a lot of stress on faculty members due to the sudden shift to online delivery, and he suggested arranging for counselors and check the stressful condition of the faculty. • Dr. KNS Acharya informed that the corporate educators are going through a lot of stressful situations, and they have gone through some stressful days. Since the University action plan is not yet prepared and you are putting faculty members in front of the camera, and that may cause a lot of stress. In reply, Prof. Shettar said only a part of the selected total faculty would be trained. • Dr. Manjunath opined that it is important to look at how much the students receive. The student side is also essential. Extremely important to collect the data, including demographic data. <p>Resolution: The Academic Council members anonymously resolved to place on record their appreciation for the actions taken by the University to handle the academic activities during the COVID- 19 pandemic.</p>	
Special ACM 2	<p>To consider and approve the proposed changes regarding conduct of End Semester Examination (ESA) in view of COVID-19 pandemic.</p> <p>Discussion: Dr. Tewari, Dean Academics, presented the proposed changes regarding ESA’s conduct and explained the need for the same. Participating in the discussions, honorable members sought clarifications, suggested few best practices, and also made comments.</p> <ul style="list-style-type: none"> • Dr. Lokesh, wanted to know whether the examinations are descriptive type and expressed that the online examinations are not foolproof. There will be problems with the network 	The online exams using MS Teams for proctoring and Exam.Net for conduct of exams has been implemented for June-July 2021 and Aug-Sept 2021 ISA & ESA exams successfully.

being unreliable, and power may go. He suggested, if possible, allow a small fraction of students to come to college to take the examinations. He also suggested documenting the backup plans. In reply, the Chairman, Prof Shettar, explained how the online exams are planned using MS Teams for proctoring and Exam.Net for the conduct of exams. He also added that the Karnataka Government is not permitting the student to come to the campus as a precautionary measure, and there is an urgency to conduct exams as companies are asking for joining dates for the campus-selected students. In view of this, it is essential to conduct exams. He also explained the backup plans; (i) conduct online makeup exams for the students facing the technical problem during the first exam and (ii) conduct makeup exams once the lockdown period is over and students start coming to the college. In both cases, the examinations taken by the students will be treated as 'First Attempt' only.

- In response to the honorable Vice Chancellor's reply, Mr. KNS Acharya expressed it as a fair point. He suggested categorizing the courses and deciding the assessment methodology; Problem-solving type questions in a limited time scope, Programming exercises in a different way, etc. He emphasized alternative arrangements of assessment without undue dependence on only pen and paper kind of assessment. In reply, Prof Shettar said that even though the suggestions are well taken, but we cannot implement them during this semester as we have the practice of sharing assessment methods at the beginning of the semester through our lesson plans.
- Dr. KNS Acharya told to watch the job market. Industries are watching how colleges/universities adapt to COVID 19. Document your initiatives to impress upon the industries.

Resolution: Resolved to approve the proposed changes regarding conduct of End Semester Assessment (ESA).

Special
ACM 3

To review the preparedness for the academic delivery during the ensuing semester.

Discussion: Dr. Joshi, Dean CI&PA presented the preparedness of the University regarding academic delivery. Dr. KNS Acharya wanted to know the proportions of synchronous and asynchronous learning. Dr. Lokesh asked about the practice of flipped classrooms that KLE Tech was doing. In reply to both, it was informed that there are plans for a combination of synchronous and asynchronous modes of delivery starting from zero to 100%. The flipped classroom is also part of this approach. When asked whether KLE Tech has plans to create its own videos, the Honorable Vice-Chancellor replied in affirmative.

Participating in the discussions, honorable members made the following comments:

- Dr. KNS Acharya asked to understand the faculty psychology-They may feel that if I give my best, I will become disposable to the University. In reply, Prof Shettar opined that being good in online delivery could become an important selling point for the faculty members in the future as it will become a part of once appraisal process.
- Prof. Shettar informed that only about 120 faculty members will be trained in online delivery in the first phase. Each department will have a review committee to check the content and quality of the videos.
- Mr. Balaji mentioned that video content creation and how to connect with the audiences is a huge effort. Quality and infrastructure that are going to come up are important. He wondered whether there was a need to take the help of a 3rd party. Prof. Shettar asked about the modalities for the review process. In reply, Mr. Balaji suggested that Mr. Amit Chaudhary could be of help as he is an expert. He can help in creating e-content, build the user story, and support in using the content. Mr. Balaji took this action item upon himself for connecting Mr. Amit Chaudhary with KLE Tech.
- Dr. KNS Acharya cautioned regarding the recording of faculty lectures and putting the videos on LMS immediately.

KLE Tech was well prepared for the academic delivery for the academic year 2020-21 with its KLE Tech Bichronous Blended Learning Model.

The blended learning model aims to integrated asynchronous and synchronous learning environments to leverage the advantages of each environment to attain instructional goals and learning outcomes. The learning experience combines high-quality digitized video lectures that are available anytime (asynchronous) and interactive Livestream classes (synchronous) that take the learning to the next level.

	<ul style="list-style-type: none"> • Dr. Manjunath mentioned the need for intelligence gathering from what other Universities are doing. • When Prof. Shettar explained ‘Light Board’ technology, Dr. KNS enquired whether it is possible to project ‘PPT’ on it and suggested that videos be on the cloud. Dr. Manjunath raised the issues related to storage and its management. • Mr. Vivek Pawar commented upon challenges faced by teachers and students. Teachers are missing a face-to-face environment, and students are missing peer learning. • Dr. KNS Acharya suggested exploring LMS from EDx. He suggested using the Microsoft products as University has an alliance with Microsoft already. He also volunteered to send a presentation on MS Stream, which is very user-friendly. He also agreed to arrange for a demo. He also suggested a ‘Solid Professor’ platform for online learning, which has campus-wide license provision. <p>Resolution: The Academic Council members expressed their satisfaction over steps taken by the University in getting ready for the ensuing semester in view of uncertainty prevailing.</p>	
<p>Special ACM 4</p>	<p>Table Agenda: To consider and discuss about NIRF ranking.</p> <p>Discussion: Members wanted to know the NIRF ranking for the year 2020. Prof. Tewari informed that the NIRF ranking this year has improved by 23 places. It was 159 last year, and for this year, it is 136. Members congratulated the University leadership, faculty, and staff.</p> <p>Mr. Balaji suggested raising the NIRF ranking to below the first 50 in the next two years. In reply, Prof. Shettar informed that the University is focusing on improving faculty members’ research output; however, in the ‘perception’ criterion, we are lagging and need a strategy to improve its score.</p> <p>Resolution: The Academic Council members expressed their satisfaction and it was</p>	<p>KLE Tech has taken the following steps to improve its NIRF ranking:</p> <ol style="list-style-type: none"> 1. Applied for NAAC accreditation 2. Applying for 5 more programs for NBA accreditation. 3. Starting of School of Advanced Sciences with a focus on enhanced research in basic & applied sciences; to improve research productivity and to increase national and international collaborations. 4. University has applied for 12B status

	decided to have a strategy to improve the NIRF ranking.	to UGC. The UGC expert committee visited the University on 21 st and 22 nd August 2021. 5. The Vice-Chancellor along with Deans regularly review the progress.
Academic Council Meeting by Circulation dated 17th August 2020		
ACM by circulation.1	To consider the Schemes, Syllabi and New academic regulations of 2 years MCA and MBA programmes as recommended by the respective Board of studies and approve the same. Resolution: Resolved to approve the Schemes, Syllabi and New academic regulations of 2 year MCA and MBA programmes.	The approved schemes and syllabi are being implemented during the academic year 2020-21.
ACM by circulation.2	To consider the institution of B.Voc programme from the academic year 2020-21 in collaboration with NTTF and approve the Schemes and Syllabi of the below mentioned B.Voc programs as recommended by respective Board of Studies: iii. Tool Engineering & Digital Manufacturing iv. Mechatronics Engineering & Smart Factory Resolution: Resolved to approve the scheme and syllabi of the following BVoc programmes offered in collaboration with NTTF: III. Tool Engineering & Digital Manufacturing and IV. Mechatronics Engineering & Smart Factory	B.Voc programs approved by the Academic Council could not be started in view of poor admissions on account of the COVID-19 pandemic.

Action Requested: The Academic Council is requested to confirm the action taken report on the minutes of the previous meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.

Discussion: Prof. Prakash Tewari, Dean Academics, presented the action taken report. Participating in the discussions, the members made the following observations/suggestions:

- Dr. KNS agreed to send a format of ‘Learning Map Creation,’ which would be used to create multiple verticals and could be used by both students and faculty. This is with reference to better utilization of Coursera license utilization.

- Dr. KNS suggested keeping all licenses open only for two months for the first 500 identified people then rotate it to the next 500 people. In this way, it is possible to maximize the usage of licenses.
- Dr. Lokesh suggested a 'Learning Plan' for the faculty. He emphasized that the learning needs to be planned ahead of the commencement of the semester, and students have to be told upfront on what to do. He stressed upon organized learning and not ad hoc learning. He also suggested laying out a complete grid that will inform what and when different Coursera courses are to be learned by the faculty & students is absolutely necessary.
- Dr. KNS talked about 'Pull-based' and 'Push-based' models and said push-based models do not work. Further, he emphasized on implementing the learning plan for both the students and faculty.
- Prof. Manjunath insisted on not being too strict on doing Coursera courses as faculty are stressed.
- Prof. Ashok Shettar, the Vice-chancellor, mentioned that regarding faculty entering into the research groups, we are very rigid.
- Dr. KNS suggested looking into the ROI; department-wise benefits, monitoring of progress, and implementation of pull-model and not push-model.
- Shri Balaji asked how to help the schools/departments prepare high-quality asynchronous videos and the students' feedback about ground truth.
- Prof. Manjunath suggested having only non-KLE members having a focused group discussion with the students. He also suggested to have this interaction two weeks before the next Academic Council meeting.
- Prof. Ashok Shettar, the Vice-chancellor, welcomed both the suggestions.
- Dr. KNS said he could not digest the NIRF ranking of 136 for KLE Tech as he knows some other institutions who have been placed much above KLE Tech, and according to him, they are no comparison to KLE Tech.
- The Vice-Chancellor said other institutions might have found a way out of cracking the NIRF ranking. In this, only a few marks matter. NIRF-oriented faculty focuses on publishing quality papers with high impact factors.
- Prof. Ashok Shettar said he is confident of getting into less than 100 NIRF ranking in the next two years. We are very much hit at perception criteria, and we are closing on the research gap
- Regarding the quality of research papers published and the need to improve the quality, Prof. Shettar expressed the need to have external experts review the papers before publishing.
- Dr. Lokesh mentioned that an internal review process is also necessary.
- Shri Balaji asked Dr. Lokesh to take up this issue as an action item along with Dr. Sandeep of SRIB.
- Prof. Ashok Shettar, the Vice-chancellor, expressed that it should be of high priority item for Dean R&D.
- Dr. KNS suggested having an institute paper review committee and committed to contributing two experts from his company.
- Shri Balaji appreciated KNS for his commitment.

- Dr. Lokesh said he is willing to come for a day to review the papers and suggested having quarterly review meetings.
- Prof. Ashok Shettar asked Dean R&D to send the published papers of last year to know the quality level of our publications.
- Prof. Ashok Shettar, the Vice-chancellor, mentioned that even though we have 16 external experts to help us in research activities, most of them are good as reviewers and not as mentors.
- Shri Balaji is of the opinion that if people are not really mentors, then University should take a call.

Resolution: 11 .2 Resolved to confirm the action taken report on the minutes of its meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.

AC 11.3	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.(2018-22) b) VII & VIII Semesters of B. Arch (2018-23) and c) IX & X Semesters B.Arch. (2017-22) programs
	The different Boards of studies constituted for various programs of the University, namely, BE, and B.Arch have recommended the syllabi for 7 th and 8 th semesters of 2018-22 (BE); and 7 th & 8 th semesters 2018-2023 (B. Arch), 9 th and 10 th semesters of 2017-22 (B.Arch) batches.

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

Discussion: Prof. Prakash Tewari, Dean Academics, requested the Chairman and the members to take up the agenda points 11.3 to 11.6 together as they are all related to the curriculum structure and content. With the permission of the Chair, Dean Academics requested the heads of school/department to present the scheme and syllabi to be taught during 2021-22, highlighting the suggestions/observations made by their respective Board of studies.

Going through the presentations made by the heads of school/department honorable members made the following suggestions/observations:

- Prof. Manjunath expressed that he is a bit uncomfortable with the new programme 'electronic & communication engineering (industry-integrated)'. Prof. Manjunath said positioning the new programme for the industry employee is a great idea. Dr. KNS said that the observations made by Prof. Manjunath are valid as this programme was thought explicitly for industry employees. The Vice-chancellor said with the NEP-2020 being implemented, it should be possible to do something for the industry-integrated programme.
- Responding to the E&E department presentation, Dr. KNS enquired about the e-mobility track and its connection with the research group. Prof. Ashok Shettar drew members' attention to all courses related to mobility are in the 7th semester and asked whether it would not be too late. Dr. KNS suggested to start offering electives from the 5th semester.
- Shri Balaji talked about Project Dristhi launched by the Prime Minister and mentioned that the IIT-Bombay is playing a key role in it.

- Dr. KNS mentioned that MoU with Coventry University needs to pick up. He volunteered to introduce Mr. Rohit Bhagat and requested KLE Tech. to invite him for a lecture on SEV.
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- The Head of the school of architecture mentioned that research in architecture has started only in 2019, and faculty are responding to the call for improving their research output.
- Referring to the Biotechnology department, Prof. Ashok Shettar mentioned that we expect this department to be a research & innovation-focused department. Dr. Lokesh suggested identifying a mentor institute, e.g., IIT-Kharagpur, for BT department to enhance basic research.
- Responding to MBA presentation, Dr. Lokesh asked whether MBA faculty are getting updated with the 'Artificial Intelligence. He also mentioned that there is a need to bringing-in AI-ML into MBA. Further, he said 30% of the faculty should be with a Data Analytics background.
- Referring to the BBA curriculum, Dr. Lokesh observed that the practical component is less and asked to compare with the benchmark institute for this programme.
- Referring to MCA curriculum, Dr. Lokesh expressed that it is a mixed bag. There are 10-15 courses that have no connection, and the courses offered in CSE and MCA look similar. He is of the opinion that there is a need to look into the BoS panel. The Vice-chancellor asked Prof. B.L. Desai to look into the issue immediately.
- Dr. KNS also expressed his agreement with the observations made by Dr. Lokesh.
- Both Dr. KNS and Dr. Lokesh suggested having specific tracks for MCA programme i.e., Full-stack development/ cloud-specific track/ web services track.
- Shri Balaji commented upon the value MCA programme adds to KLE Tech.
- Dr. Lokesh suggested contacting some experts from Amazon to get the inputs.
- Prof. Ashok Shettar, the Vice-chancellor, commented that the incremental changes are not making any changes in employment, especially for mechanical engineering students.
- Dr. KNS volunteered to arrange for KLE Tech team's visit to LTTS, Baroda plant. The team will get good exposure to re-part creation, UNDP sustainability agenda, how to design sustainable packages, recycling, and complete thermal analysis and advanced manufacturing. He also mentioned that he is willing to host two faculty members for six months at LTTS facilities.
- Dr. Lokesh initiated the discussions on Industry 4.0 and suggested that at least 15 of our labs be connected to automation. Dr. KNS suggested revamping the 3rd & 4th-year scheme and syllabi of the mechanical engineering programme.
- Prof. Manjunath suggested reducing core mechanical engineering courses and bring in automation and robotics courses, and a separate 'Automation and Robotics' programme is not required. He was of the opinion to merge mechanical engineering and automation and robotics programmes.

- All agreed that a separate meeting is required to develop a strategy for the undergraduate mechanical engineering programme.
- Prof. Ashok Shettar said he would get back to the Academic Council once the first draft is ready.

Resolution 11.3: 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.(2018-22)
- b) VII & VIII Semesters of B. Arch (2018-23) and
- c) IX & X Semesters B.Arch. (2017-22) programs

AC 11.4	<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 BE (2019-23) and B.Arch. (2019-24) programs</p> <p>b) V & VI Semesters of MCA program (2019-22)</p>
	<p>The different Boards of studies constituted for various programs of the University, namely, B.E., B.Arch., and MCA, have recommended the syllabi for 5th and 6th semesters of 2019-23 (BE); 2019-2024 (B.Arch); and 2019-2022 (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:

Resolution 11.4: 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 BE (2019-23) and B.Arch. (2019-24) programs
- b) V & VI Semesters of MCA program (2019-22)

AC 11.5	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: <ul style="list-style-type: none"> a) III & IV Semesters of BE (2020-24) and BArch (2020--25) programs b) III & IV Semesters of M. Tech (2020-22) and IV, V & VI Terms of MBA (2020-21) programs), and c) III & IV Semesters of MCA (2020-22)
	The different Boards of studies constituted for various programs of the University, namely, B.E., B.Arch., and MCA, have recommended the syllabi for 3 rd and 4 th semesters of 2020-24 (BE); 2020-2025 (B.Arch); 2020-2022 (M. Tech & MCA) and IV, V & VI Terms of 2020-2022 (MBA).

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

Discussion:

Resolution 11.5: 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 BE (2020-24) and BArch (2020--25) programs
- b) III & IV Semesters of M. Tech (2020-22) and IV, V & VI Terms of MBA (2020-21) programs), and
- c) III & IV Semesters of MCA (2020-22)

AC 11.6	<p>To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:</p> <p>a) Schemes for the batches starting from 2021, of BE (I to VIII Semesters), B.Arch. (I to X Semesters), M.B.A. (I to IV Semesters), M Tech (I to IV Semesters), M.C.A. (I to IV Semesters).</p> <p>b) Syllabi for batches starting from 2021 of the following programs:</p> <p>i. I & II Semesters of BE and BArch.</p> <p>ii. I & II Semesters of M Tech, MCA</p> <p>iii. I & II Semesters of MBA</p> <p>iv. I & II Semesters of BSc. (Electronics)</p> <p>c) Scheme of BBA (I to VI Semesters) & Syllabus of I & II Semesters of BBA.</p>
	<p>The different Boards of studies constituted for different programs of the University, namely, B.E., B.Arch., M. Tech., MCA and MBA have recommended the schemes for BE (I to VIII Semesters), B.Arch (I to X Semesters), MBA (I to IV semesters), M.Tech (I to IV Semesters), MCA (I to IV Semesters) and syllabi for 1st and 2nd semesters of 2021-25 (BE); 2021-2026 (B.Arch); 2021-2023 (MCA); 2021-2023 (M.Tech & MBA) and 2021-2024 (B.Sc) batches.</p>

Action Requested: The Academic Council is requested to discuss and approve the BE, B.Arch, M.Tech, MCA, MBA and B.Sc Programmes' schemes and syllabi.

Discussion:

Resolution 11.6: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:

- a) Schemes for the batches starting from 2021, of BE (I to VIII Semesters), B.Arch. (I to X Semesters), M.B.A. (I to IV Semesters), M Tech (I to IV Semesters), M.C.A. (I to IV Semesters).
- b) Syllabi for batches starting from 2021 of the following programs:
 - i. I & II Semesters of BE and BArch.
 - ii. I & II Semesters of M Tech, MCA
 - iii. I & II Semesters of MBA
 - iv. I & II Semesters of BSc. (Electronics)
- c) Scheme of BBA (I to VI Semesters) & Syllabus of I & II Semesters of B.B.A.

AC 11.7	<p>To discuss the research progress report for the years 2020 & 2021.</p> <p>The Dean (R&D) will present the research progress report for the years 2020 &</p>
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2021.

Action Requested: The Academic Council is requested to discuss the research progress report for the years 2020 & 2021.

Discussion: Dr. Uma M. Dean (R&D) presented the research progress report.

Referring to the University's external funding, Prof. Manjunath commented that the grant received was highest during 2016-17, but later, it has decreased. The Vice-chancellor mentioned that 5% of total revenue had been set aside for R&D activities.

Dr. Lokesh expressed that one more jump has to happen with the SEED lab. Dr. KNS said SEED lab is like a jewel in the crown. In response, Dr. Lokesh said that SRIB wants to make it one of the top 5 labs in the world. Dr. KNS suggested coming out with a short video from both the leaders from KLE Tech and SRIB. Dr. Lokesh wants to see the lab being run like a factory.

Shri Balaji suggested using this SEED lab for branding to get NVIDIA and CISCO etc.

Prof. Ashok Shettar requested Shri Balaji and Dr. Lokesh to continue PhD internships at SRIB.

Resolution 11.7: The Academic Council noted the progress of the research activities during 2020 and 2021.

AC 11.8	To ratify the action taken regarding the announcement of results of the June-July 2020 exam along with that of the subsequent summer semester results.
	The results of the examination conducted since the last Academic Council meeting (June-July 2020) and subsequent summer semester 2020 are placed before the Council. <i>A sample of the data and its analysis is enclosed in the annexure.</i>

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

Discussion: Prof. Manjunath wanted to know is it a statutory requirement to ratify the results or will it be OK for the academic Council not to ratify. Prof. Tewari, Dean Academics, replied that it is a statutory requirement either to approve/ratify the results.

The Vice-chancellor asked the Controller of examinations to present the results in SGPA/CGPA analysis format as we have adopted relative grading for assessment.

Resolution 11.8: Academic Council ratified the action taken regarding the announcement of results.

11.9	To approve the list of eligible candidates for the conferment of various degrees (Bachelor of Engineering, Master of Technology, Master of Business Administration and Master of Computer Applications) at the second convocation of KLE Technological University.
	The Approved list of eligible candidates is tabled

Action Requested: Approve the list of eligible candidates.

Discussion:

Resolution 11.9: Resolved to approve the list of eligible candidates for the conferment of various degrees (Bachelor of Engineering, Master of Technology, Master of Business Administration and Master of Computer Applications) at the second convocation of KLE Technological University.

11.10	To approve the list of rank holders of various programs.
	The list of the candidates as per the regulations and recommended by COE is enclosed as Annexure.

Action Requested: Approve the list of rank holders

Discussion:

Resolution 11.10: Resolved to approve the list of rank holders of various programs.

AC 11.11	Any other subject with the permission of the Chair

Table agenda 1: To discuss the new constituent colleges joining KLE Technological University (Information agenda)

Discussion: Prof. Ashok Shettar, the Vice-chancellor, mentioned that as per the National Education Policy – 2020, all universities should become multi-disciplinary. In view of this KLE Dr.M.S. Sheshagiri College of Engineering & Technology, Belagavi, and KLE Law College, Bengaluru are joining KLE Technological University as constituent colleges from the academic year 2021-22. Further, the science, social science, commerce, and many more faculties will be added in due course of time. Some may happen organically by acquiring other KLE institutions or by setting up new campuses.

Table agenda 2: To discuss top 3 visions of the Vice-chancellor for the next 5 years (information agenda)

Discussion: Shri Balaji set the context by drawing the attention of all members towards the competitions by IIT-Dharwad and IIIT-Dharwad, which are coming up in the neighborhood and KLE Tech cannot go on in status-quo mode or in incremental improvement fashion.

Both Shri Balaji and Dr. Lokesh expressed their willingness to sit & work for meetings to align with the VC sir’s vision and mission. There is a need to do homework and come back with very aggressive plans.

Dr. Lokesh said it should be a 5-year vision and has to be a grander vision. It is all about climbing the next peak. We need to go Global and think of becoming parallel to IITs. Brainstorming is a must and should be carried out in two to three sittings. He mentioned that in IISc each department/lab stand on their own. Each of the labs is a brand by itself.

Dr. KNS said that it is going to be an intense exercise and needs a lot of sitting. Guidelines to be given to each member without any constraints.

Dr. KNS raised the following questions:

- People: Right people to drive the plan
- Education model: Global and/or Local
- Where you want to build new campuses
- Finance & investments
- Enterprise and innovations
- Globalization strategy: Pros and Cons
- Break it down into Horizontal-1, Horizontal-2, and Horizontal-3, etc.

- You may contact consulting agencies, but they are very costly
- After 5 to 6 meetings, we may arrive at a hazy picture.

Prof. Manjunath expressed his concern about getting other engineering colleges into KLE Tech. His concern was of maintaining KLE Tech unique identity, which is essential. He cautioned about inbreeding and said transferring the culture is very difficult.

The Vice-chancellor asked for a two-day off-sight workshop to develop the next strategic plan 2022-2027. He also expressed his desire that the whole exercise should not be limited by his views alone.

Prof. Manjunath proposed a two-day conference with other universities e.g., Dr. Pankaj from IIIT-D and a couple of others. As far as possible, get outside, people.

Shri Balaji asked about hiring consultants for SP development and said the need to bring people with opposing viewpoints. Dr. KNS said it is better to bring a consultant at a later stage. Let our faculty bring a new vision picture. Prof. Manjunath said IIT-B has some documents from the consultants, but they are not doable.

Prof. Ashok Shettar said, let us meet for the first two-day workshop in the next three months.

Minutes

12th Academic Council Meeting

of

K.L.E. Technological University

Hubballi, Karnataka

6th August, 2022

Time: 5.30 pm



KLE Technological
University
Creating Value
Leveraging Knowledge

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

12th Academic Council – Screenshots



The screenshot shows a Cisco Webex meeting interface. At the top, the meeting title is "Meeting Info" and the time is "01:07:16". The interface includes a menu bar with options like "File", "Edit", "Share", "View", "Audio & Video", "Participant", "Meeting", "Breakout Sessions", and "Help". Below the menu, there are video thumbnails for participants: "ITCell-KLETech", "Ashok Shettar", "D Manjunath", and "Prakash Tewari" (Cohost). The main content area displays a presentation slide titled "Faculty: 2021-22" with the following data:

Faculty	Students
• Professor : 68	• Undergraduate : 5338
• Associate Professor : 51	• Postgraduate : 410
• Assistant Professor : 217	
Total Regular Faculty : 336	Total Number of Students : 5748

Below the table, the "Student Faculty Ratio : 1 : 17.1" is displayed. A note at the bottom states: "Note: Additional faculty : Teaching Assistants, Lecturers, Visiting faculty and Adjunct faculty (5+3+16+10 = 34) are not considered for SFR calculation". The bottom of the interface shows a control bar with buttons for "Unmute", "Start video", "Share", "Record", and other meeting controls. A participants list on the right shows 6 participants, including "Anand Hanchinal" (Host, me), "Prakash Tewari" (Cohost), "D Manjunath", "Ashok Shettar", "balaji holur", and "ITCell-KLETech".

Cisco Webex Meetings Meeting Info Hide Menu Bar ^ 03:35:19

File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

ITCell-KLETech Ashok Shettar Prakash Tewari

Viewing Prakash Tewari's screen - 43% +

AC 12.9 Any other subject with the permission of the Chair

Microsoft Webex.com is sharing your screen. Stop sharing Hide

Unmute Start video Share Record

Type here to search 22°C Light rain 8:36 PM 8/6/2022

Cisco Webex Meetings Meeting Info Hide Menu Bar ^ 01:55:29

File Edit Share View Audio & Video Participant Meeting Breakout Sessions Help

ITCell-KLETech balaji holur Ashok Shettar D Manjunath

Viewing Prakash Tewari's screen - 43% +

Research Publication - Collaborations

Scopus

h-index	Citations	Highest SNIP	Avg. SNIP
53	14815	11.215	0.820

Web of Science

h-index	Citations	Highest IF	Avg. IF
44	8993	39.580	4.134

Foreign Collaboration Inland Collaboration

Patents from 2015-16

Filed	35
Published	25
Provisional	01

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Participants (7)

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Agenda

Sl. No	Particulars	Page No.
12.1	To read and confirm the minutes of the previous meeting held on 28 th August 2021.	1
12.2	To confirm the action taken report on the minutes of the previous meeting held on 28 th August 2021.	5
12.3	To review the progress of the University for the year 2021-22 (Information Agenda).	9
12.4	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by the respective Boards of studies and approve the same: a) VII & VIII Semesters of B.E.(2019-23) b) VII & VIII Semesters of B. Arch (2019-24) and c) IX & X Semesters B.Arch. (2018-23) programs	20
12.5	To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Boards of studies and approve the same: a) V & VI Semesters of B.E. (2020-24) and b) V & VI Semesters of B.Arch. (2020-25) programs	21
12.6	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. (2021-25) and BArch (2021--26) programs b) III & IV Semesters of M. Tech (2021-23). c) III & IV Semesters of M.C.A. (2021-23) d) III & IV Semesters of MBA (2021-23) e) III & IV Semesters of BBA (2021-24)	22
12.7	To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below: a) Schemes for the batches starting from 2022, of B.E. (I to VIII Semesters), B.Arch. (I to X Semesters), M.B.A. (I to IV Semesters), M Tech (I to IV Semesters), and M.C.A. (I to IV Semesters). b) Syllabi for batches starting from 2022 of the following programs: i. I & II Semesters of B.E. ii. I & II Semesters of B.Arch. iii. I & II Semesters of M Tech, MCA iv. I & II Semesters of MBA v. I & II Semesters of BSc. (Electronics) c) Scheme of B.B.A. (I to VIII Semesters) & Syllabus of I & II Semesters of B.B.A. d) Scheme of B.C.A. (I to VIII Semesters) & Syllabus of I & II Semesters of B.C.A. e) Scheme of B.Sc FAD (I to VIII Semesters) & Syllabus of I & II Semesters of B.Sc FAD.	23
12.8	To ratify the action taken regarding the announcement of results of the June-July 2021 exam along with that of the subsequent summer semester results.	25
12.9	Any other subject with the permission of the Chair.	47

The following are the minutes of the Academic Council Meeting of KLE Technological University, Hubballi, which was held on 06-08-2022 at 5.30 pm in hybrid mode.

The following Members were Present.

S. No	Name	Designation	Position
1.	Dr Ashok Shettar	Vice Chancellor	Chairman
2.	Dr KNS Acharya	Director – Global Engineering Academy, LTTS, Bengaluru	Member
3.	Dr. Manjunath D	Prof IIT, Bombay	Member
4.	Dr Balaji Holur	NVIDIA, USA	Member
5.	Dr Lokesh Boregowda	Director, Vision Research	Member
6.	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member
7.	Prof B L Desai	Registrar	Member
8.	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
9.	Dr Uma K Mudenagudi	Dean R & D	Member
10.	Dr Meena S M	Head of School of CSE	Member
11.	Dr Nalini C. Iyer	Head of School of ECE	Member
12.	Dr. M.V. Chitawadagi	Head of School of Civil Engg	Member
13.	Dr A.B. Raju	Head, E&E Dept	Member
14.	Prof Arun C Giriyaapur	Head of ARE Dept	Member
15.	Dr B.S. Hunagund	Head of BT Dept	Member
16.	Prof Vinaya Hiremath	Head, School of Architecture	Member
17.	Dr P R Patil	Head of MCA Dept	Member
18.	Dr Sanjay Kotabagi	Head of Humanities Dept	Member
19.	Prof TVM Swamy	Freshman Coordinator	Member
20.	Dr A V Nandi	Controller of Examinations	Member
21.	Dr Vijayalaxmi M.	Director CEER	Member
22.	Prof C D Kerure	Placement Officer	Member
23.	Dr. N.H. Ayachit	Registrar	Member Secretary

The following members have sought leave of absence:

SL	Name	Designation	Position
1	Dr Srinivas Viravalli	Professor, IIT Delhi	Member
2	Dr Satyajit Majumdar	Professor, TISS Mumbai	Member
4	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member
5	Prof. Jagdish Bapat	Head of SMSR	Member

AC 12.1

To read and confirm the minutes of the previous meeting held on 28th August 2021.

The following are the minutes of the Academic Council Meeting of KLE Technological University, Hubballi, which was held on 28-08-2021 at 10.30 am in online mode.

The following Members were Present.

Sr. No.	Name	Designation	Position
1.	Dr Ashok Shettar	Vice Chancellor	Chairman
2.	Sri KNS Acharya	Director – Global Engineering Academy, LTTS, Bengaluru	Member
3.	Dr. Manjunath D	Prof IIT, Bombay	Member
4.	Dr Balaji Holur	VP, Samsung R&D	Member
5.	Dr Lokesh Boregowda	Director, Vision Research	Member
6.	Prof B L Desai	Executive Dean	Member Secretary
7.	Dr P G Tewari	Principal BVBCET & Dean Academic	Member
8.	Dr Uma K Mudenagudi	Dean R & D	Member
9.	Dr Meena S M	Head of School of CSE	Member
10.	Dr Nalini C. Iyer	Head of School of ECE	Member
11.	Dr. M.V. Chitawadagi	Head of School of Civil Engg	Member
12.	Dr A.B.Raju	Head, E&E Dept	Member
13.	Prof Arun C Giriyapur	Head of ARE Dept	Member
14.	Dr BS. Hunagund	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. Jagdish Bapat	Head of SMSR	Member
19.	Prof TVM Swamy	Freshman Coordinator	Member
20.	Dr A V Nandi	Controller of Examinations	Member
21.	Dr Vijayalaxmi M.	Director CEER	Member
22.	Prof. Ravi Guttal	Director CIPD	Member
23.	Prof C D Kerure	Placement Officer	Member
24.	Prof. N.H. Ayachit	Registrar	Member Secretary

The following members have sought leave of absence:

SL	Name	Designation	Position
1	Dr Srinivas Viravalli	Professor, IIT Delhi	Member
2	Dr Satyajit Majumdar	Professor, TISS Mumbai	Member
3	Sri Vivek G Pawar	Chairman Sankalp Semiconductors Hubballi	Member
4	Dr B B Kotturshettar	Head of School of Mechanical Engg. & Dean P&D	Member

AC 11.1	<p>To read and confirm the minutes of the previous meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.</p> <p>Resolution 11.1: Resolved to confirm the minutes of its meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.</p>
AC 11.2	<p>To confirm the action taken report on the minutes of the previous meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.</p> <p>Resolution: 11 .2 Resolved to confirm the action taken report on the minutes of its meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.</p>
AC 11.3	<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> <ul style="list-style-type: none"> d) VII & VIII Semesters of B.E.(2018-22) e) VII & VIII Semesters of B. Arch (2018-23) and f) IX & X Semesters B.Arch. (2017-22) programs <p>Resolution 11.3: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> d) VII & VIII Semesters of B.E.(2018-22) e) VII & VIII Semesters of B. Arch (2018-23) and f) IX & X Semesters B.Arch. (2017-22) programs
AC 11.4	<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> <ul style="list-style-type: none"> a) V & VI Semesters of BE (2019-23) and B.Arch. (2019-24) programs b) V & VI Semesters of MCA program (2019-22) <p>Resolution 11.4: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <ul style="list-style-type: none"> a) V & VI Semesters of BE (2019-23) and B.Arch. (2019-24) programs b) V & VI Semesters of MCA program (2019-22)
AC 11.5	<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> <ul style="list-style-type: none"> a) III & IV Semesters of BE (2020-24) and BArch (2020--25) programs

	<p>b) III & IV Semesters of M. Tech (2020-22) and IV, V & VI Terms of MBA (2020-21) programs), and</p> <p>c) III & IV Semesters of MCA (2020-22)</p> <p>Resolution 11.5: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <p>a) III & IV Semesters of BE (2020-24) and BArch (2020--25) programs</p> <p>b) III & IV Semesters of M. Tech (2020-22) and IV, V & VI Terms of MBA (2020-21) programs), and</p> <p>c) III & IV Semesters of MCA (2020-22)</p>
AC 11.6	<p>To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:</p> <p>a) Schemes for the batches starting from 2021, of BE (I to VIII Semesters), B.Arch. (I to X Semesters), M.B.A. (I to IV Semesters), M Tech (I to IV Semesters), M.C.A. (I to IV Semesters).</p> <p>b) Syllabi for batches starting from 2021 of the following programs:</p> <p>v. I & II Semesters of BE and BArch.</p> <p>vi. I & II Semesters of M Tech, MCA</p> <p>vii. I & II Semesters of MBA</p> <p>viii. I & II Semesters of BSc. (Electronics)</p> <p>c) Scheme of BBA (I to VI Semesters) & Syllabus of I & II Semesters of BBA.</p> <p>Resolution 11.6: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:</p> <p>a) Schemes for the batches starting from 2021, of BE (I to VIII Semesters), B.Arch. (I to X Semesters), M.B.A. (I to IV Semesters), M Tech (I to IV Semesters), M.C.A. (I to IV Semesters).</p> <p>b) Syllabi for batches starting from 2021 of the following programs:</p> <p>v. I & II Semesters of BE and BArch.</p> <p>vi. I & II Semesters of M Tech, MCA</p> <p>vii. I & II Semesters of MBA</p> <p>viii. I & II Semesters of BSc. (Electronics)</p> <p>d) Scheme of BBA (I to VI Semesters) & Syllabus of I & II Semesters of B.B.A.</p>
AC 11.7	To discuss the research progress report for the years 2020 & 2021.

	Resolution 11.7: The Academic Council noted the progress of the research activities during 2020 and 2021.
AC 11.8	To ratify the action taken regarding the announcement of results of the June-July 2020 exam along with that of the subsequent summer semester results. Resolution 11.8: Academic Council ratified the action taken regarding the announcement of results.
AC 11.9	To approve the list of eligible candidates for the conferment of various degrees (Bachelor of Engineering, Master of Technology, Master of Business Administration and Master of Computer Applications) at the second convocation of KLE Technological University. Resolution 11.9: Resolved to approve the list of eligible candidates for the conferment of various degrees (Bachelor of Engineering, Master of Technology, Master of Business Administration and Master of Computer Applications) at the second convocation of KLE Technological University.
AC 11.10	To approve the list of rank holders of various programs. Resolution 11.10: Resolved to approve the list of rank holders of various programs.
AC 11.11	Any other subject with the permission of the Chair. Table agenda 1: To discuss the new constituent colleges joining KLE Technological University (Information agenda) Table agenda 2: To discuss top 3 visions of the Vice-chancellor for the next 5 years (information agenda)

Action Requested: To confirm the minutes of the previous meeting held on 28th August 2021.

Discussion:

Resolution 12.1: Resolved to confirm the minutes of its meeting held on 28th August 2021.

AC 12.2	To confirm the action taken report on the minutes of the previous meeting held on 28 th August 2021.	
Item No.	Description	Action Taken
Special A.C.M. 1	<p>To review the progress of the academic delivery during lockdown period.</p> <p>Resolution: The Academic Council members unanimously resolved to place on record their appreciation for the actions taken by the University to handle the academic activities during the COVID- 19 pandemic.</p>	<p>The academic delivery has evolved into KLE Tech Bichronous Blended Learning Model.</p> <p>Coursera platform has been purchased and the process of tracking the MOOC courses completed by the faculty members has been established.</p> <p>Guidelines are in place to ensure that the asynchronous videos are in the range of 5 to 15 minutes.</p>
Special A.C.M. 2	<p>To consider and approve the proposed changes regarding conduct of End Semester Examination (ESA) in view of COVID-19 pandemic.</p> <p>Resolution: Resolved to approve the proposed changes regarding conduct of End Semester Assessment (ESA).</p>	<p>The online exams using MS Teams for proctoring and Exam.Net for conduct of exams has been implemented for June-July 2021 and Aug-Sept 2021 ISA & ESA exams successfully.</p>
Special A.C.M. 3	<p>To review the preparedness for the academic delivery during the ensuing semester.</p> <p>Resolution: The Academic Council members expressed their satisfaction over steps taken by the University in getting ready for the ensuing semester in view of uncertainty prevailing.</p>	<p>KLE Tech was well prepared for the academic delivery for the academic year 2020-21 with its KLE Tech Bichronous Blended Learning Model.</p> <p>The blended learning model aims to integrated asynchronous and synchronous learning environments to leverage the advantages of each</p>

		environment to attain instructional goals and learning outcomes. The learning experience combines high-quality digitized video lectures that are available anytime (asynchronous) and interactive Livestream classes (synchronous) that take the learning to the next level.
Special A.C.M. 4	<p>Table Agenda: To consider and discuss about NIRF ranking.</p> <p>Resolution: The Academic Council members expressed their satisfaction and it was decided to have strategy to improve the NIRF ranking.</p>	<p>KLE Tech has taken the following steps to improve its NIRF ranking:</p> <ol style="list-style-type: none"> 1. Received 'A' grade NAAC accreditation in its first cycle. 2. Starting of School of Advanced Sciences with a focus on enhanced research in basic & applied sciences; to improve research productivity and to increase national and international collaborations. 4. University is now having both 2f & 12B recognitions by UGC. 5. There is a need to increase the number of faculty with Ph.D. and award of Ph.D. degree to research scholars pursuing Ph.D. program within the time permitted by the regulations.
Academic Council Meeting by Circulation dated 17th August 2020		
A.C.M. by circulation.1	To consider the Schemes, Syllabi and New academic regulations of 2 year M.C.A. and M.B.A. programmes as recommended by the respective Board of studies and approve the same.	The approved schemes and syllabi are being implemented during the academic

	Resolution: Resolved to approve the Schemes, Syllabi and New academic regulations of 2 year M.C.A. and M.B.A. programmes.	year 2020-21.
A.C.M. by circulation.2	<p>To consider the institution of B.Voc programme from the academic year 2020-21 in collaboration with NTTF and approve the Schemes and Syllabi of the below mentioned B.Voc programs as recommended by respective Board of studies:</p> <p>v. Tool Engineering & Digital Manufacturing</p> <p>vi. Mechatronics Engineering & Smart Factory</p> <p>Resolution: Resolved to approve the scheme and syllabi of the following BVoc programmes offered in collaboration with NTTF:</p> <p>V. Tool Engineering & Digital Manufacturing and</p> <p>VI. Mechatronics Engineering & Smart Factory</p> <p>Resolution 11.1: Resolved to confirm the minutes of its meeting held on 20th June 2020 and the agenda by circulation dated 17th August 2020.</p>	B.Voc programs approved by the Academic Council could not be started in view of poor admissions on account of the COVID-19 pandemic.

Action Requested: The Academic Council is requested to confirm the action taken report on the minutes of the previous meeting held on 28th August 2021.

Discussion: Prof. Prakash Tewari, Dean Academics, presented the action taken report. Participating in the discussions, the members made the following observations/suggestions:

- Dr. KNS, wanted to know how COVID after effects were handled? Both Prof. Tewari, Dean Academics and Prof. Asshok Shettar, Vice-chancellor explained in detail.
- Dr. KNS, as a follow-up asked how steps taken for COVID have impacted in the form of outcomes?
- Prof. Ashok Shettar, the Vice-chancellor, expressed the concern about students learning gap and lack of rigor observed in students due to disruptions in teaching-learning process during XI & XII standards due to COVID-19 pandemic.
- Dr. KNS, suggested to present action taken by the University w.r.t soft skills and ethical behavior of students in the next Academic Council meeting.
- Dr. Lokesh, suggested to carryout results analysis for pre and post-Covid batches.
- Dr. KNS, suggested to get feedback from the industries about KLE Tech graduates competencies.

- Dr. Vivek, suggested to take a structured approach for remedial solutions for 3rd year students.
- Dr. KNS, cautioned about Coursera and similar platform based courses. He opined that these courses are content based and not concept based. Hence, ask for a learning path from the service provider.
- Dr. KNS, expressed that the IT placements will drop during 2022-23.

Resolution: 12 .2 Resolved to confirm the action taken report on the minutes of its meeting held on 28th August 2021.

AC 12.3	<p>To review the academic progress of the University for the year 2021-22 (Information Agenda).</p> <p>The Dean Academics will make a brief presentation. Some of the points are as below:</p> <p>The present strength of faculty of the University is 346 (68 P, 51 Asso. Prof., 217 AP) with ratio of Professors: Assoc. Professors: AP being 1.78: 1.34: 5.71. The student to faculty ratio is 1:15.67 on intake basis and 1:17.1 on actual number of students' basis. The total student strength of the University is 5921. The status of this year admission and the faculty information of BVB College campus, MS Sheshgiri College campus & the Law College campus are given in annexure 3.1, 3.2, & 3.3 respectively. The academic activities are carried out as per the well-defined academic calendar. Examinations have been conducted as per the calendar of events during last semester. Apart from this, different points will be presented, which includes admissions, placement and institution recognitions. The Dean (R&D) will present a brief research progress report of the University.</p>
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Action Requested: The Academic Council is requested to note the progress report for the academic year 2021-22.

Discussion: Prof. Prakash Tewari, Dean Academics and Prof. Uma M, presented the academic and research progress reports for the academic year 2021-22 respectively. Participating in the discussions, the members made the following observations/suggestions:

- Dr. KNS, wanted to know what methods and processes are in place to ensure uniformity in quality in main and off-campuses. In reply, the Vice-Chancellor, mentioned about the OBE framework, which ensures same learning outcomes irrespective who happens to teach the courses, the Board of studies, which ensures updated and relevant curriculum uniform across the main and the off-campuses, Pedagogy training by the Centre for Engineering Education for faculty of both the main & off-campuses, sharing of lesson plans and periodic review meetings by the course coordinators about coverage, type of problems, and assessment methods followed. Further, he added that the University is working on a new Dean's structure at main and off-campuses.

- Dr. Manjunath, expressed that the incoming students' quality is different at two campuses. This may pose a risk of reducing quality at Hubballi rather than an improvement of quality at Belagavi campus.
- Dr. KNS, expressed that the segmentation is not coming out properly. It is not clear how many publications are from which focus-area and 64% of publications from Q3 & Q4 are a concern. Please address this issue in the next academic council meeting.
- Dr. KNS, suggested to put GOALS for patents, publications and investments and show an integrated picture.
- The Vice-Chancellor, informed that currently the University is working on 7 research centres.
- Dr. KNS, suggested to explore international funding.
- The Vice-chancellor, expressed that the Research Groups are spread over too many areas and we are thinking of converting a few RGs into Research Centers.
- Dr. KNS, suggested to leverage international collaborations for research. Further, he added that to bring global perspective, each of these research clusters should have an industry partner and an international collaboration.
- To take forward the collaboration with the Coventry University, he suggested to identify two to three students for paid research-internship.
- Dr. Manjunath, expressed concern about research centers bias towards IT departments. It may affect the morale of students of non-IT departments.
- Shri Balaji Holur, asked what help the University is looking from US w.r.t Innovation, international collaborations, and branding.
- Shri Balaji Holur, wanted to know how the University is addressing the following issues and suggested to have an internal discussions on these issues:
 - What attempts are made to get DoT/Govt. projects and funding?
 - How do you make assignments more practical/real like in the 1st & 2nd year students to bring back interests?
 - What is the status of EV lab?
 - What additional efforts went into setup cross functional labs?
 - How can we take care of our faculty?
 - Belagavi campus and its integration and enhancing standards?
- Dr. KNS & Dr. Lokesh, suggested to get outside experts on campus to promote research. They suggested to invite experts from IIT-Dharwad, IIT-Goa and IIIT-Dharwad.
- Dr. Manjunath, suggested to work with professors of other universities and write research proposals.

Resolution 12.3: Resolved to note the progress report of the University for the academic year 2021-22.

UG PROGRAM ADMISSION DETAILS – 2021-22

Admissions to BE / BArch Program for First Year

Course	Intake	Male	Female	Total
Automation & Robotics	60	37	15	52
Bio Technology	60	10	40	50
Civil Engineering	120	75	28	103
Computer Science	300	199	107	306
Computer Science (AI)	60	40	20	60
Electrical & Electronics	120	58	50	108
Electronics & Communication	300	178	121	299
E&C Industry Integrated	60	37	22	59
Mechanical Engineering	240	113	14	127
Architecture	80	24	26	50
Grand Total	1340	771	443	1214
*Including 05 GOI and 05 PMSSS				

Lateral Admissions to BE Programs

Course	Male	Female	Total
Automation & Robotics	11	1	12
Civil Engineering	17	2	19
Computer Science	15	15	30
E&C Industry Integrated	6	0	6
Electrical & Electronics	23	3	26
Electronics & Communication	8	8	16
Mechanical Engineering	58	6	64
Total	138	35	173

Admissions to BE / BArch Program for 2nd/3rd/4th Year

Course	2 nd Year	3 rd Year	4 th Year	5 th Year	Total
Automation & Robotics	51	53	58	NA	214
Bio Technology	50	52	43		145
Civil Engineering	130	148	142		420
Computer Science	330	332	328		990
Electrical & Electronics	112	132	141		385
Electronics & Communication	343	309	337		989
Mechanical Engineering	181	257	273		711
Architecture	68	74	75	42	259
Total	1265	1357	1397	42	4113

PG PROGRAM ADMISSION DETAILS – 2021-22

Admissions to M Tech /MBA /MCA Program for First Year

Course	Intake	Male	Female	Total
MBA	60	25	35	60
MCA	60	35	25	60
M Tech				
Structural Engg	18	13	4	17
Advanced Manufacturing System	18	2	0	2
Digital Electronics	24	0	2	2
Computer Science	24	0	9	9
VLSI Design & Embedded Systems	24	2	9	11
Design Engineering	24	6	0	6
Grand Total	252	83	84	167

Admissions to M Tech /MBA /MCA Program for Second / Third Year

Course	Class	Total
MBA	Second Year	57
MCA	Second Year	60
MCA	Third Year	53
M Tech		0
Structural Engg	Second Year	18
Machine Design		13
Advanced Manufacturing Systems		07
Digital Electronics		13
Computer Science		15
VLSI Design & Embedded Systems		18
Grand Total		254

Consolidated Admissions for Academic Year 2021-22

Program	Course	Class	Total
UG Programs	BE/BArch	First Year	1214
	Lateral Entry to BE	Lateral Entry to Second year	173
	BE/BArch	All Higher Semesters	4113
PG Programs	(MTech/MBA/MCA)	First Year	167
	(MTech/MBA/MCA)	Second Year/Third Year	254
Research Programs		2018	20
		2017	35
		2016	32
Grand Total			6008

Faculty Information

Department/Program	In take No. of Students	Faculty			
		Prof.	Asso. Prof.	Asst. Prof	TA
Computer Science &Engg.	300	8	7	33	1
Computer Science (AI)	60				
Civil Engg.	120	6	3	19	1
Mechanical Engg.	180	9	10	29	-
Electronics and Communication Engg.	300	10	3	35	-
Electronics and Communication Engg. (Industry Integrated)	60	--	1	2	--
Electrical and Electronics Engg.	120	4	1	19	0
Biotechnology	60	2	5	5	0
Automation & Robotics	60	2	1	12	0
Architecture	80	3	7	11	0
MBA	60	2	2	8	--
MCA	60	2	2	7	0
Structural Engg	18	3	--	--	--
Advanced Manufacturing systems	18	1	1	1	--
Design Engineering	24	2	1	1	--
Computer Science &Engg	24	1	1	2	--
VLSI Design and Embedded Systems	24	1	2	1	--
Digital Electronics	24	1	1	2	--
Physics	--	4	--	6	0
Chemistry	--	2	1	5	0
Mathematics	--	1	2	13	0
Others	--	31	--	--	--
Humanities	--	--	--	4	3
CEER	--	1	--	7	--
CTIE	--	--	--	--	--
CMS	--	--	--	--	--
Executives	--	3	--	--	--
Total	1592	99	51	222	5

UG PROGRAM ADMISSION DETAILS – 2021-22

Admissions to BE / BArch Program for First Year

Course	Intake	Male	Female	Total
Bio Medical Engineering	30	06	08	14
Civil Engineering	120	42	10	52
Computer Science	120	69	42	111
Chemical Engineering	60	15	14	29
Electronics & Communication	120	59	53	112
Electrical & Electronics	60	21	26	47
Mechanical Engineering	120	21	0	21
Grand Total	630	233	153	386
*Including 02 GOI				

Lateral Admissions to BE Programs - NA

PG PROGRAM ADMISSION DETAILS – 2021-22

Admissions to M Tech /MBA /MCA Program for First Year

Course	Intake	Male	Female	Total
MBA	60	26	34	60
MCA	60	32	28	60
M Tech				
Structural Engineering	26	10	7	17
Environmental Engineering	18	00	03	03
Computer Science	18	00	00	00
VLSI Design & Embedded Systems	18	00	01	01
Design Engineering	25	01	00	01
Grand Total	225	11	11	22

UG PROGRAM ADMISSION DETAILS – 2021-22Admissions to UG Program for First Year

Course	Intake	Male	Female	Total
B.A.LL.B	120	49	35	84
B.B.A.LL.B	120	56	36	92
B.COM.LL.B	60	25	22	47
LL.B	120	50	44	94
Grand Total	420	180	136	317

Lateral Admissions to UG Programs

Course	Male	Female	Total
B.A.LL.B	1	0	1
B.B.A.LL.B	0	0	0
B.COM.LL.B	0	0	0
LL.B	0	0	0
Total	1	0	1

Admissions to UG Programs for 2nd/3rd/4th Year

Course	2 nd Year	3 rd Year	4 th Year	5 th Year	Total
B.A.LL.B	108	69	82	92	351
B.B.A.LL.B	93	54	70	119	336
B.COM.LL.B	27	12	14	0	53
LL.B	115	59	N/A	N/A	174
Total	343	194	166	211	914

PG PROGRAM ADMISSION DETAILS – 2021-22Admissions to PG Program for First Year

Course	Intake	Male	Female	Total
LL.M	20	6	5	10

Admissions to PG Program for Second / Third Year

Course	Class	Total
LL.M	Second Year	14

Consolidated Admissions for Academic Year 2021-22

Program	Course	Class	Total
UG Programs	B.A.LL.B/B.B.A.LL.B/B.COM.LL.B/LL.B	First Year	317
	Lateral Entry	Lateral Entry to 5th year	1
	B.A.LL.B/B.B.A.LL.B/B.COM.LL.B/LL.B	All Higher Semesters	914
PG Programs	LL.M	First Year	10
	LL.M	Second Year	14
Grand Total			1256

Faculty Information

Department/Program	In take No. of Students	Faculty			
		Prof.	Asso. Prof.	Asst. Prof	TA
KLELCB	440	2	1	39	
Total		2	1	39	42
Grand Total		42			

AC 12.4	<p>To consider the Schemes and Syllabi of the below mentioned academic programs as recommended by the respective Boards of studies and approve the same:</p> <p>a) VII & VIII Semesters of B.E.(2019-23)</p> <p>b) VII & VIII Semesters of B. Arch (2019-24) and</p> <p>c) IX & X Semesters B.Arch. (2018-23) programs</p>
	<p>The different Boards of studies constituted for various programs of the University, namely, B.E., and B.Arch have recommended the syllabi for 7th and 8th semesters of 2019-23 (B.E.); and 7th & 8th semesters 2019-2024 (B. Arch), 9th and 10th semesters of 2018-23 (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: Prof. Prakash Tewari, Dean Academics, requested the honorable members to take the agenda points 12.4 to 12.7 together for the discussions as they are all related to the curriculum. Participating in the discussions, the members made the following observations/suggestions:

- Shri Balaji, suggested to invite scientists on sabbatical Leave for short period to work on KLE Tech campus. He also expressed concern about faculty having load & stress.
- Dr. KNS, suggested to have a strategy to showcase, the skills the companies are looking for, through courses/projects to the companies when they come for hiring.
- Dr. KNS, suggested to encourage students to earn industry standard certified courses, so that the university students will be in demand during campus placement. Going forward, industry may take only certified students.
- Dr. Lokesh, suggested that all departments should present the summary in just one slide.
- Shri Balaji, suggested to discuss with Mr. Mohan of Samsung on 5G issue.
- Dr. KNS, suggested to bring sustainability in civil engineering.

Resolution 12.4: 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.(2019-23)
- b) VII & VIII Semesters of B. Arch (2019-24) and
- c) IX & X Semesters B.Arch. (2018-23) programs

AC 12.5	<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) V & VI Semesters of B.E. (2020-24) and</p> <p>b) V & VI Semesters of B.Arch. (2020-25) programs</p> <p>(The details are given in separate attached folder)</p>
	<p>The different Boards of studies constituted for various programs of the University, namely, B.E., B.Arch., and M.C.A., have recommended the syllabi for 5th and 6th semesters of 2020-24 (B.E.); and 2020-2025 (B.Arch) programmes.</p>

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

Discussion:

Resolution 12.5: 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. (2020-24) and
- b) V & VI Semesters of B.Arch. (2020-25) programs

AC 12.6	<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> <ul style="list-style-type: none"> a) III & IV Semesters of B.E. (2021-25) and BArch (2021--26) programs b) III & IV Semesters of M. Tech (2021-23). c) III & IV Semesters of M.C.A. (2021-23) d) III & IV Semesters of MBA (2021-23) e) III & IV Semesters of BBA (2021-24) <p>The different Boards of studies constituted for various programs of the University, namely, B.E., B.Arch., and M.C.A., have recommended the syllabi for 3rd and 4th semesters of 2021-25 (B.E.); 2021-2026 (B.Arch); 2021-2023 (M. Tech & M.C.A.), MBA (2021-23) and BBA (2021-24).</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, M.C.A., and M.B.A. Programmes placed before it.

Discussion:

Resolution 12.6: 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. (2021-25) and BArch (2021--26) programs
- b) III & IV Semesters of M. Tech (2021-23).
- c) III & IV Semesters of M.C.A. (2021-23)
- d) III & IV Semesters of MBA (2021-23)
- e) III & IV Semesters of BBA (2021-24)

<p>AC 12.7</p>	<p>To consider and approve the recommendations of the respective Boards of studies for the academic programs mentioned below:</p> <ul style="list-style-type: none"> a) Schemes for the batches starting from 2022, of B.E. (I to VIII Semesters), B.Arch. (I to X Semesters), M.B.A. (I to IV Semesters), M Tech (I to IV Semesters), and M.C.A. (I to IV Semesters). b) Syllabi for batches starting from 2021 of the following programs: <ul style="list-style-type: none"> i. I & II Semesters of B.E. ii. I & II Semesters of B.Arch. iii. I & II Semesters of M Tech, MCA iv. I & II Semesters of MBA v. I & II Semesters of BSc. (Electronics) c) Scheme of B.B.A. (I to VIII Semesters) & Syllabus of I & II Semesters of B.B.A. d) Scheme of B.C.A. (I to VIII Semesters) & Syllabus of I & II Semesters of B.C.A. e) Scheme of B.Sc FAD (I to VIII Semesters) & Syllabus of I & II Semesters of B.Sc FAD. <p>(The details are given in separate attached folder)</p>
	<p>The different Boards of studies constituted for different programs of the University, namely, B.E., B.Arch., M. Tech., M.C.A. and M.B.A. have recommended the schemes for B.E. (I to VIII Semesters), B.Arch (I to X Semesters), M.B.A (I to IV semesters), M.Tech (I to IV Semesters), M.C.A. (I to IV Semesters), B.B.A (I to VIII Semesters), B.C.A (I to VIII Semesters), B.Sc FAD (I to VIII Semesters) and syllabi for 1st and 2nd semesters of 2022-26 (B.E.); 2022-2027 (B.Arch); 2022-2024 (M.C.A.); 2022-2024 (M.Tech & M.B.A.), 2022-2026 (B.B.A., B.C.A., B.Sc. FAD) and 2022-2025 (B.Sc) batches.</p>

Action Requested: The Academic Council is requested to discuss and approve the BE, B.Arch, M.Tech, MCA MBA and B.Sc Programmes' schemes and syllabi.

Discussion:

Resolution 12.7: Resolved to approve the Schemes and Syllabi of the below mentioned academic programs as recommended by respective Board of studies:

- a) Schemes for the batches starting from 2022, of B.E. (I to VIII Semesters), B.Arch. (I to X Semesters), M.B.A. (I to IV Semesters), M Tech (I to IV Semesters), and M.C.A. (I to IV Semesters).
- b) Syllabi for batches starting from 2021 of the following programs:
 - i. I & II Semesters of B.E.
 - ii. I & II Semesters of B.Arch.
 - iii. I & II Semesters of M Tech, MCA
 - iv. I & II Semesters of MBA
 - v. I & II Semesters of BSc. (Electronics)
- c) Scheme of B.B.A. (I to VIII Semesters) & Syllabus of I & II Semesters of B.B.A.
- d) Scheme of B.C.A. (I to VIII Semesters) & Syllabus of I & II Semesters of B.C.A.
- e) Scheme of B.Sc FAD (I to VIII Semesters) & Syllabus of I & II Semesters of B.Sc FAD

AC 12.8	To ratify the action taken regarding the announcement of results of the June-July 2021 exam along with that of the subsequent summer semester results.
	The results of the examination conducted subsequent to summer semester 2021 are placed before the Council as Annexure 12.8.1

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

Discussion: Prof. Anil Nandi, Controller of Examinations presented the results analysis. Participating in the discussions Dr. KNS, explained the analysis of fresh recruiters carried out at LTTs. He said the mechanical engineering students did better as compared to CS/EC students. Both D.KNS & Dr. Lokesh requested to present CGPA analysis instead of percentage analysis. They expressed concern about number of FC, which is continuously increasing.

Resolution 12.8: Resolved to ratify the action taken regarding the announcement of results of BE 5th to 8th semesters; B.Arch 5th to 10th semesters and MCA 3rd to 6th semesters.

Annexure 12.8.1

Academic Year 2021-2022 Examinations
Results (After Summer)



Academic Year 2021-2022 Examinations Results (After Summer)

ENGINEERING, ARCHITECTURE & MCA PROGRAMS

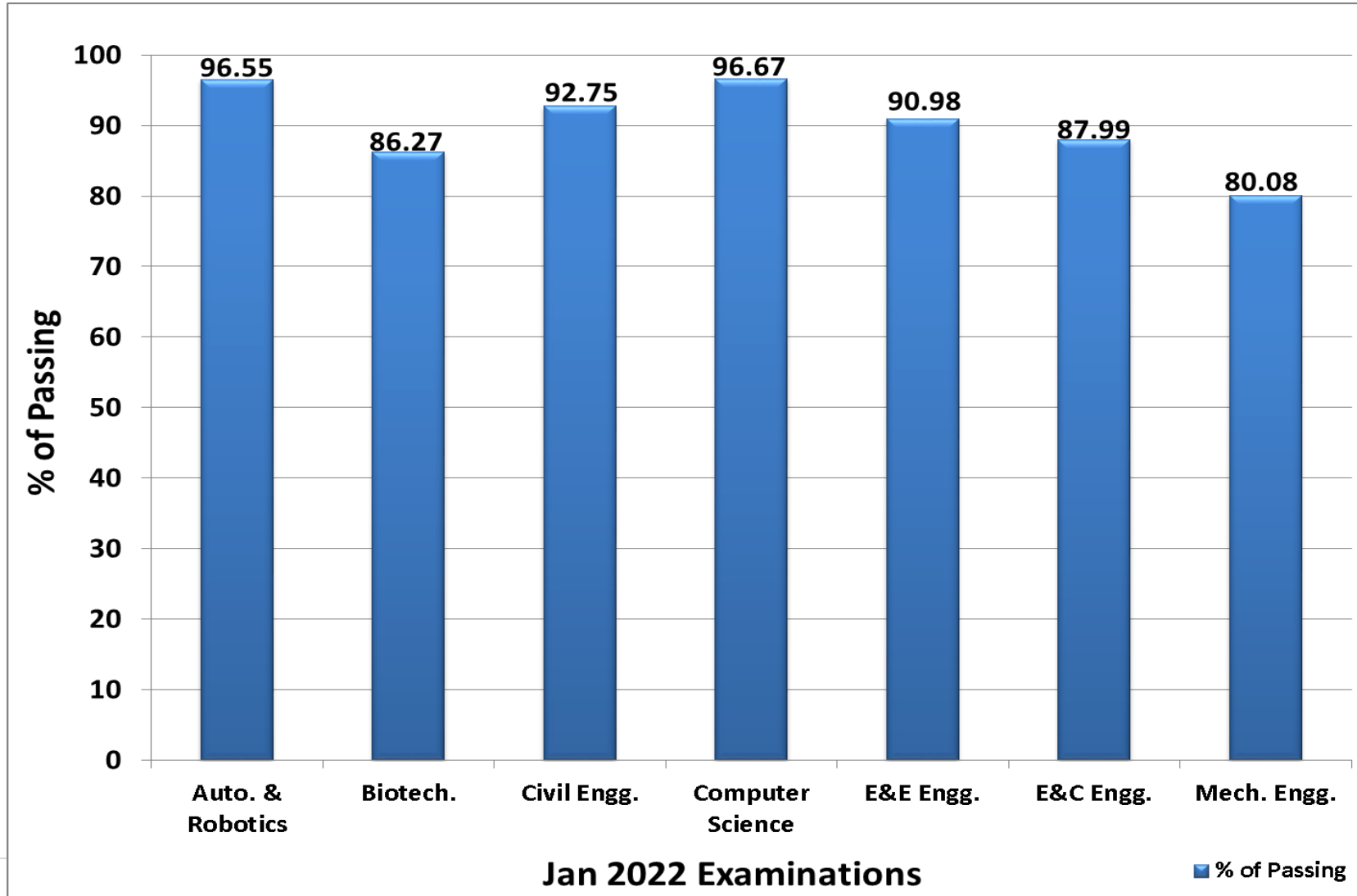
BE 5th Semester

Undergraduate Programs

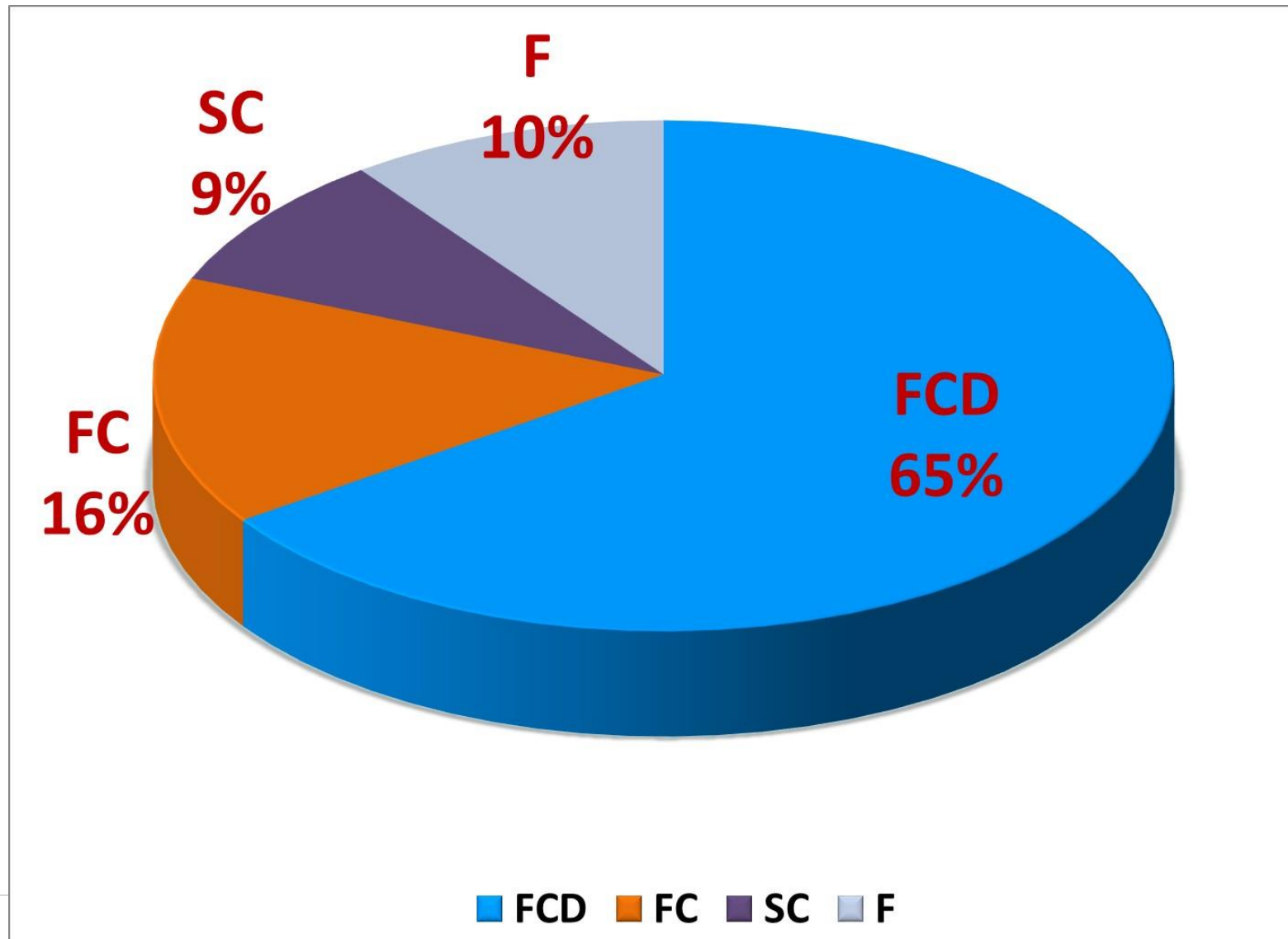
SNo	Programs	No. of Students Appeared	No. of Students Passed	% of Passing
1	Automation & Robotics	58	56	96.55
2	Biotechnology	51	44	86.27
3	Civil	138	128	92.75
4	Computer Sci. & Engineering	330	319	96.67
5	E&E Engineering	122	111	90.98
6	E&C Engineering	308	271	87.99
7	Mechanical Engineering	246	197	80.08
Total		1253	1126	89.86

BE 5th Semester

Undergraduate Programs



Class Distribution – BE thSemester



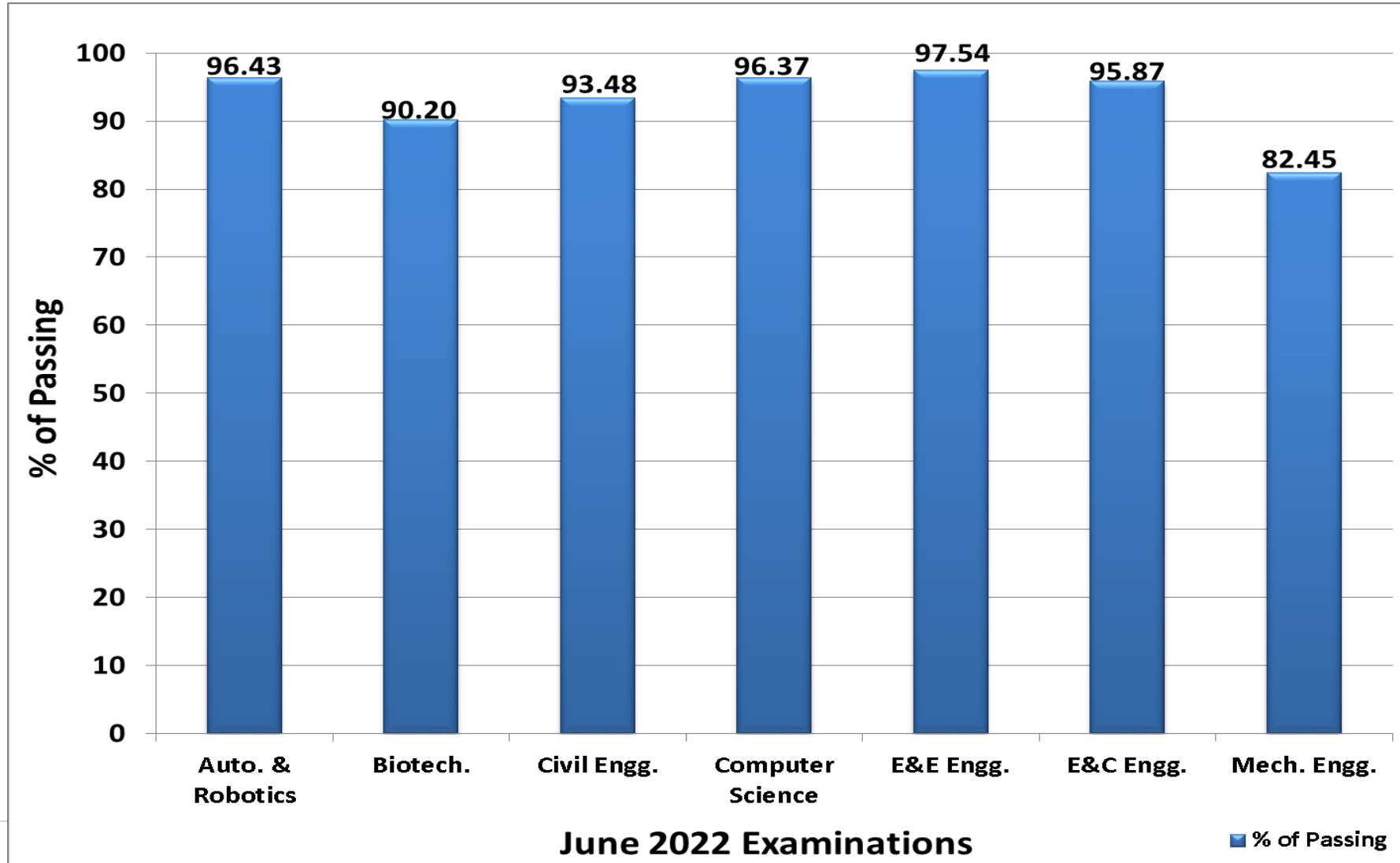
BE 6th Semester

Undergraduate Programs

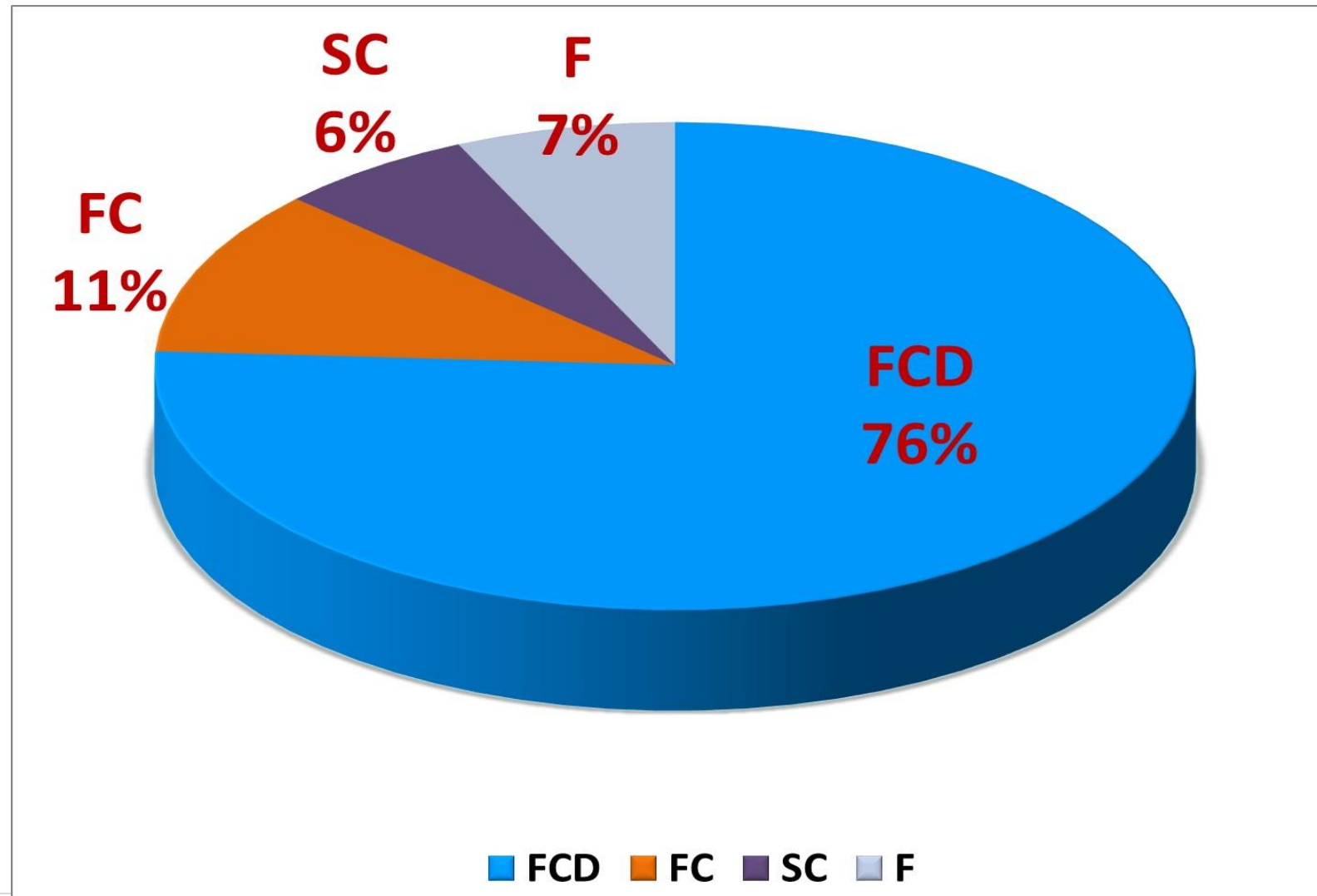
SNo	Programs	No. of Students Appeared	No. of Students Passed	% of Passing
1	Automation & Robotics	56	54	96.43
2	Biotechnology	51	46	90.20
3	Civil	138	129	93.48
4	Computer Sci. & Engineering	331	319	96.37
5	E&E Engineering	122	119	97.54
6	E&C Engineering	339	325	95.87
7	Mechanical Engineering	245	202	82.45
Total		1282	1194	93.14

BE 6th Semester

Undergraduate Programs



Class Distribution – BE thSemester



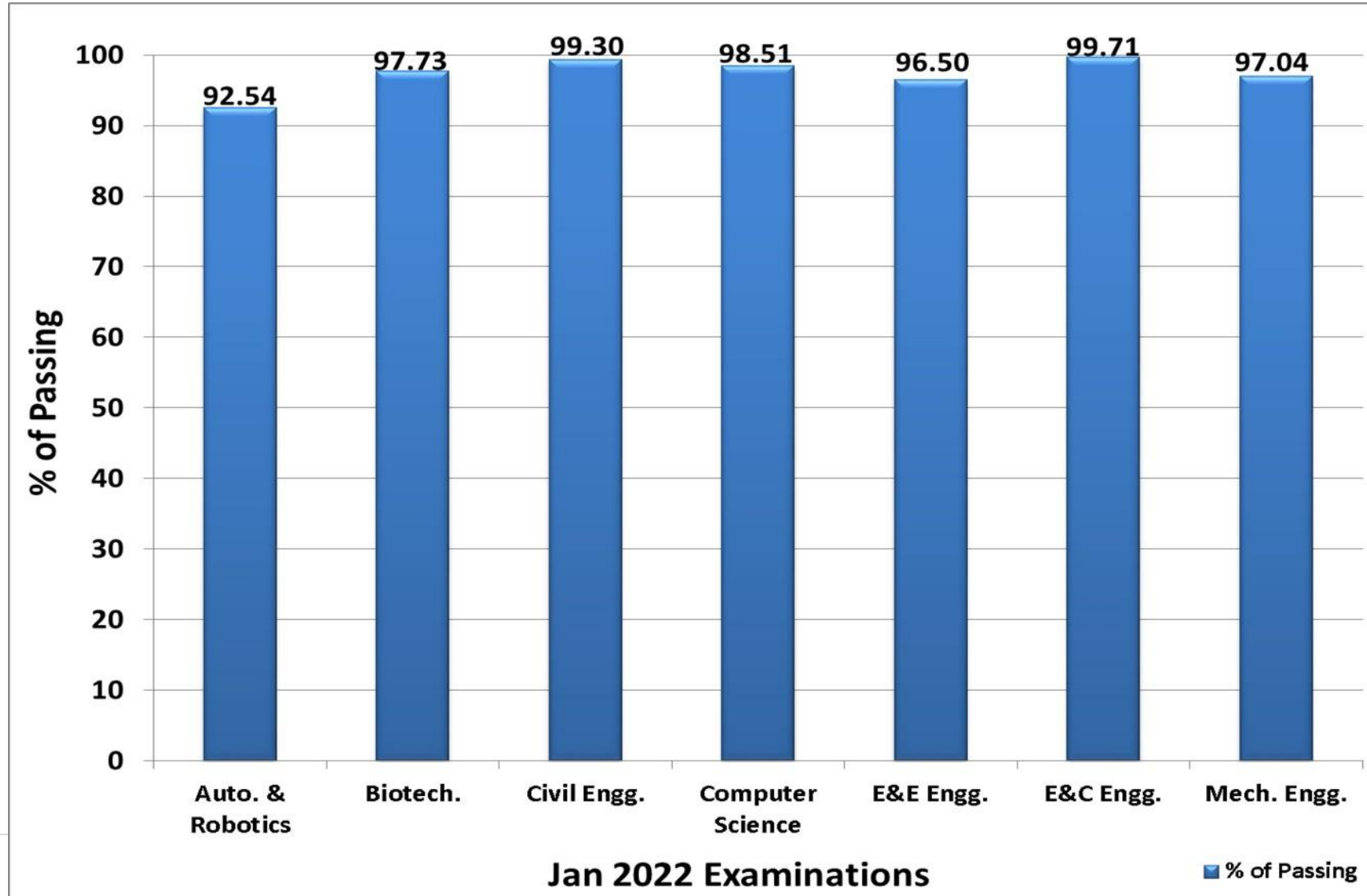
BE 7th Semester

Undergraduate Programs

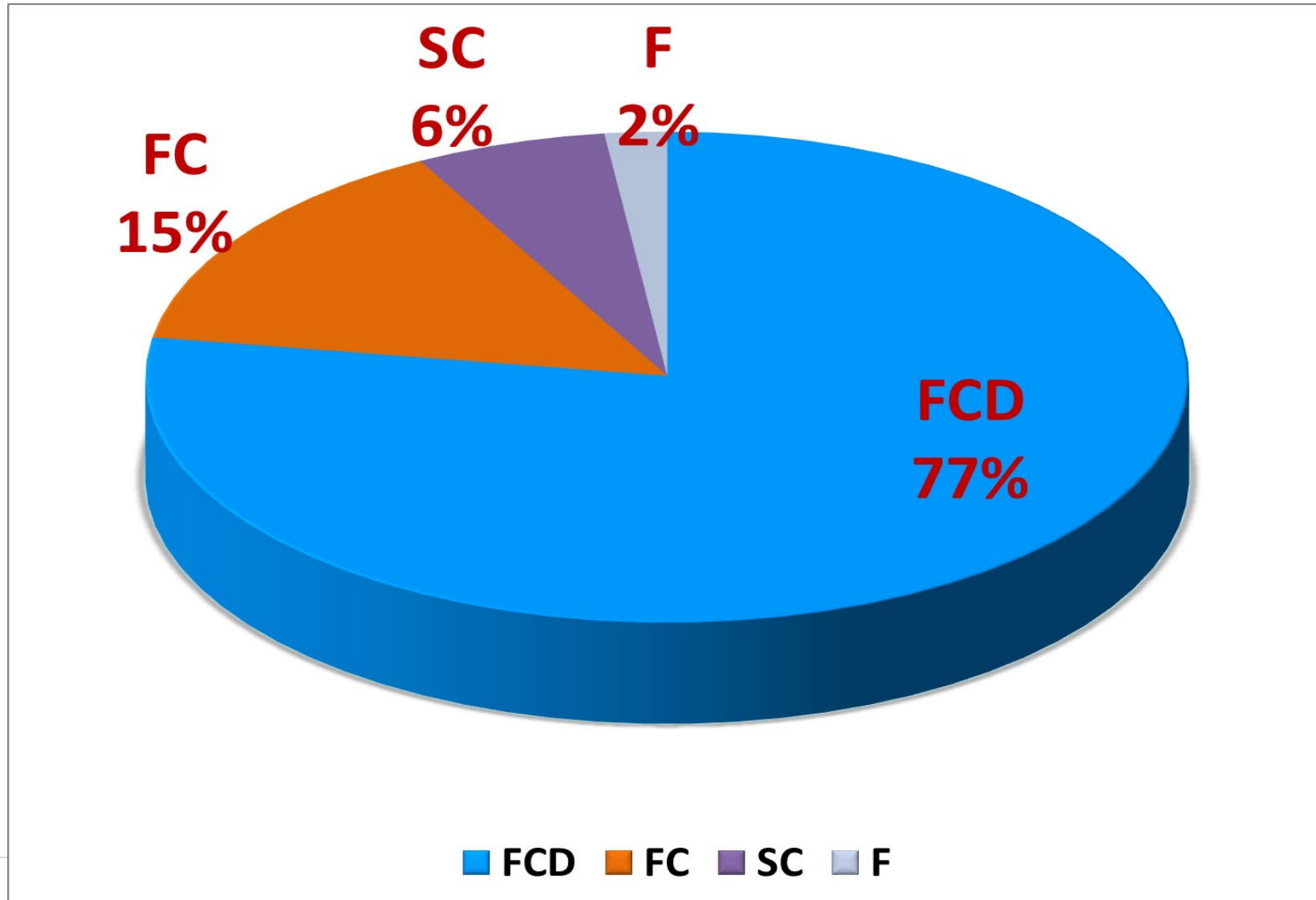
SNo	Programs	No. of Students Appeared	No. of Students Passed	% of Passing
1	Automation & Robotics	67	62	92.54
2	Biotechnology	44	43	97.73
3	Civil	143	142	99.30
4	Computer Sci. & Engineering	336	331	98.51
5	E&E Engineering	143	138	96.50
6	E&C Engineering	340	339	99.7
7	Mechanical Engineering	270	262	97.04
Total		1343	1317	98.06

BE 7th Semester

Undergraduate Programs



Class Distribution – BE thSemester



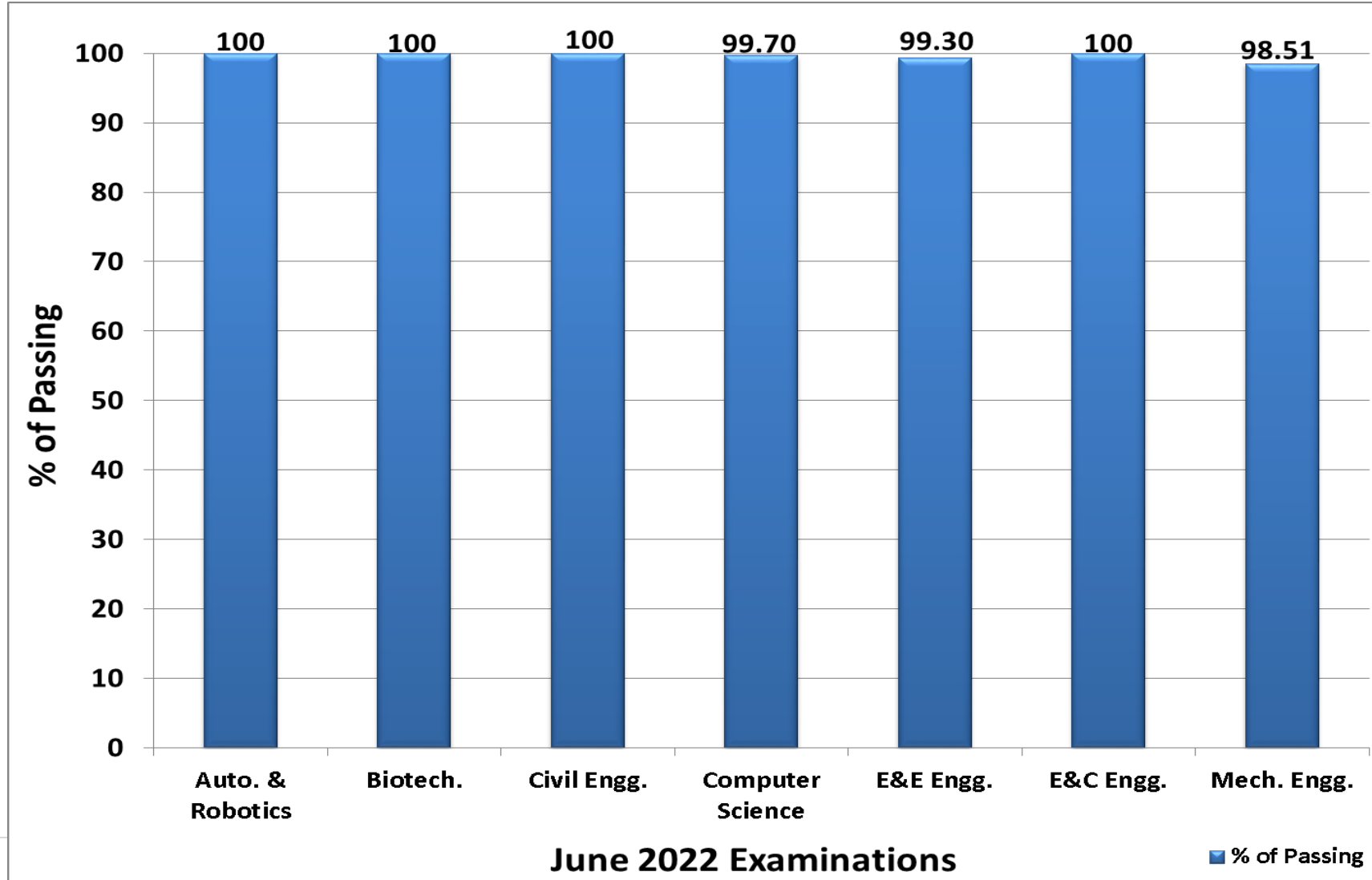
BE 8th Semester

Undergraduate Programs

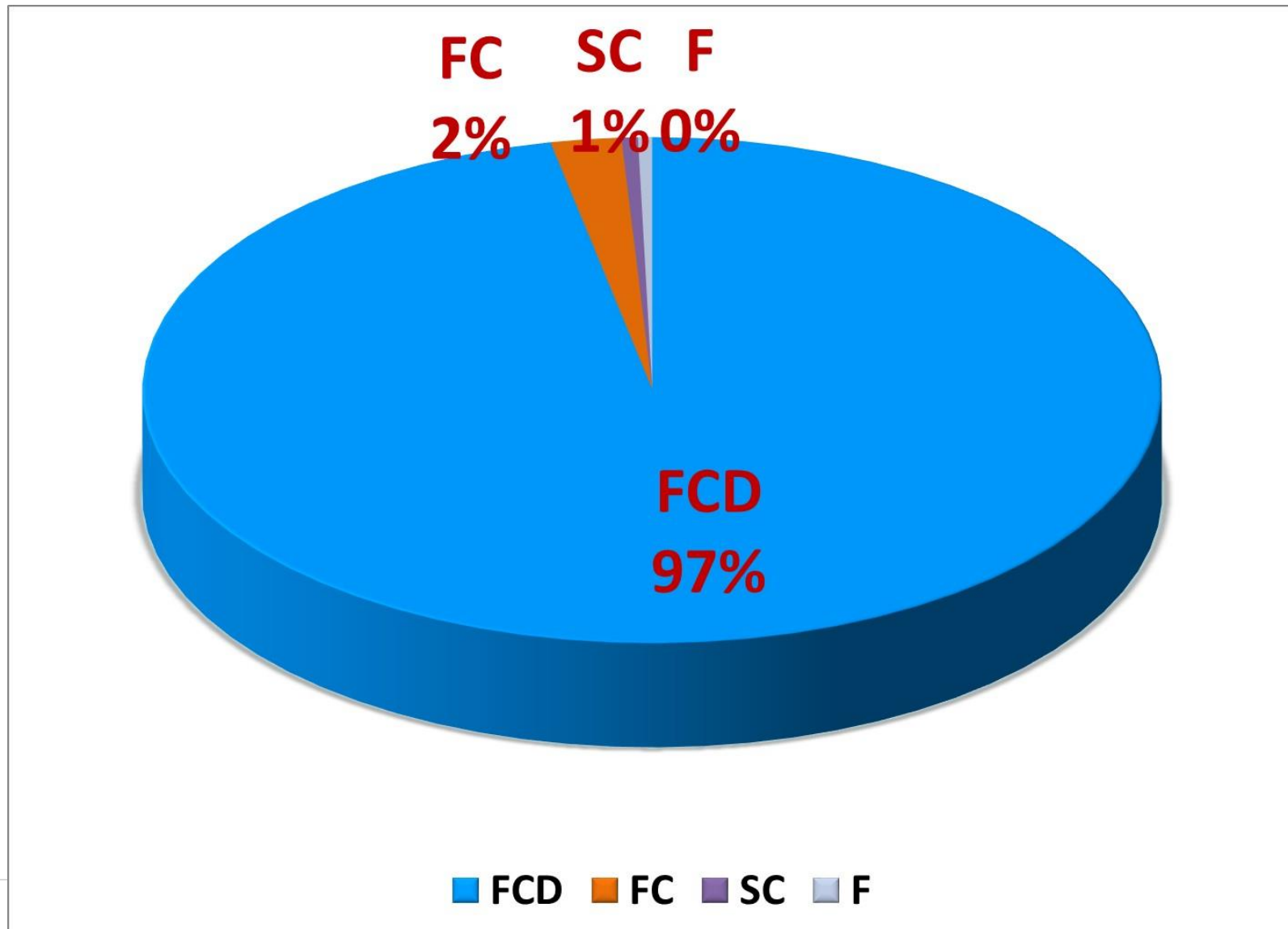
SNo	Programs	No. of Students Appeared	No. of Students Passed	% of Passing
1	Automation & Robotics	68	68	100
2	Biotechnology	44	44	100
3	Civil	141	141	100
4	Computer Sci. & Engineering	335	334	99.70
5	E&E Engineering	143	142	99.30
6	E&C Engineering	339	339	100
7	Mechanical Engineering	269	265	98.51
Total		1339	1333	99.55

BE 8th Semester

Undergraduate Programs



Class Distribution – BE thSemester



BArch 5th to 10th Semester

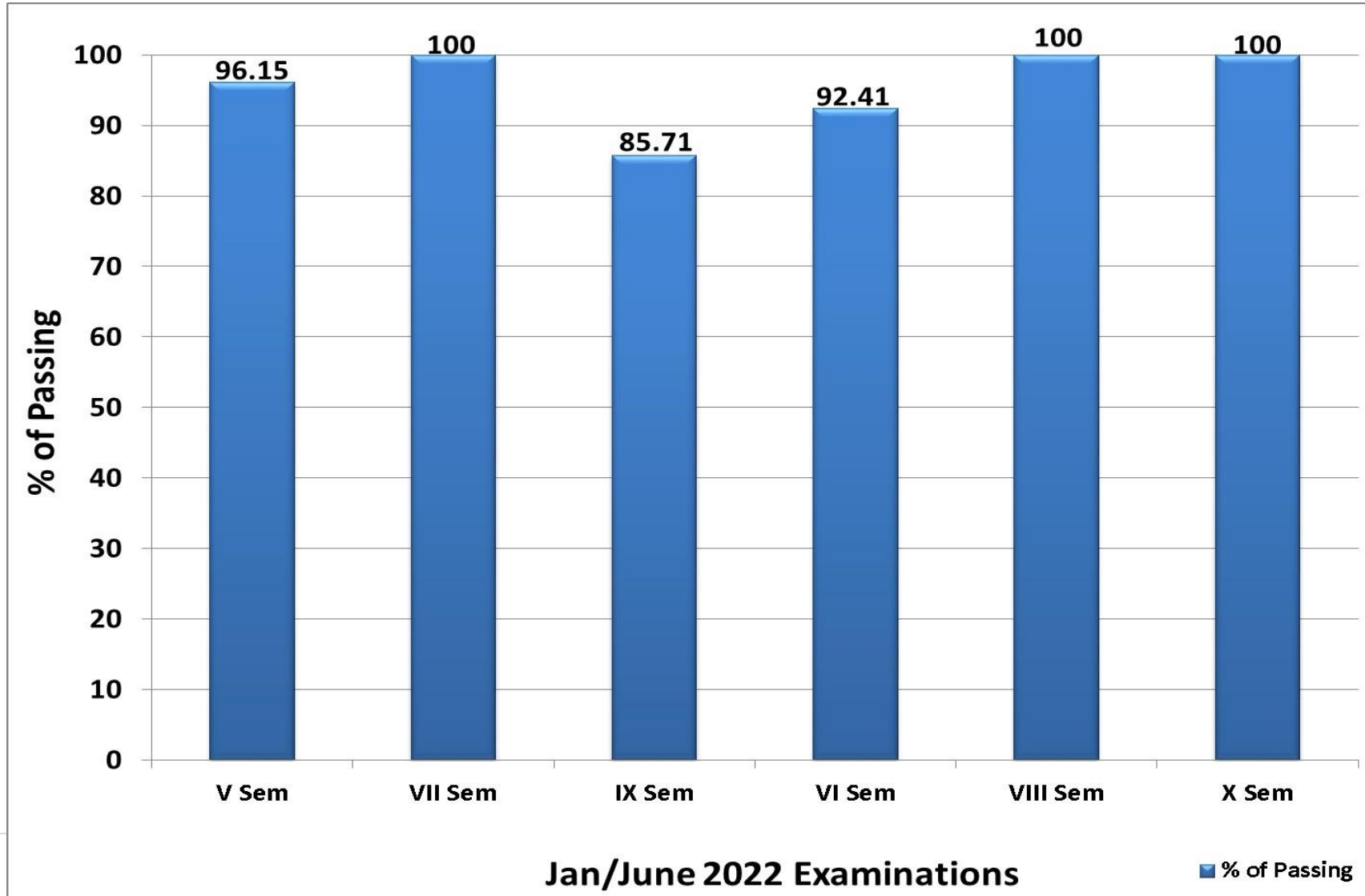
Undergraduate Programs

SNo	Odd Semesters	No. of Students Appeared	No. of Students Passed	% of Passing
1	V Semester	78	75	96.15
2	VII Semester	70	70	100
3	IX Semester	49	42	85.7

SNo	Even Semesters	No. of Students Appeared	No. of Students Passed	% of Passing
1	VI Semester	79	73	92.41
2	VIII Semester	70	70	100
3	X Semester	49	49	100

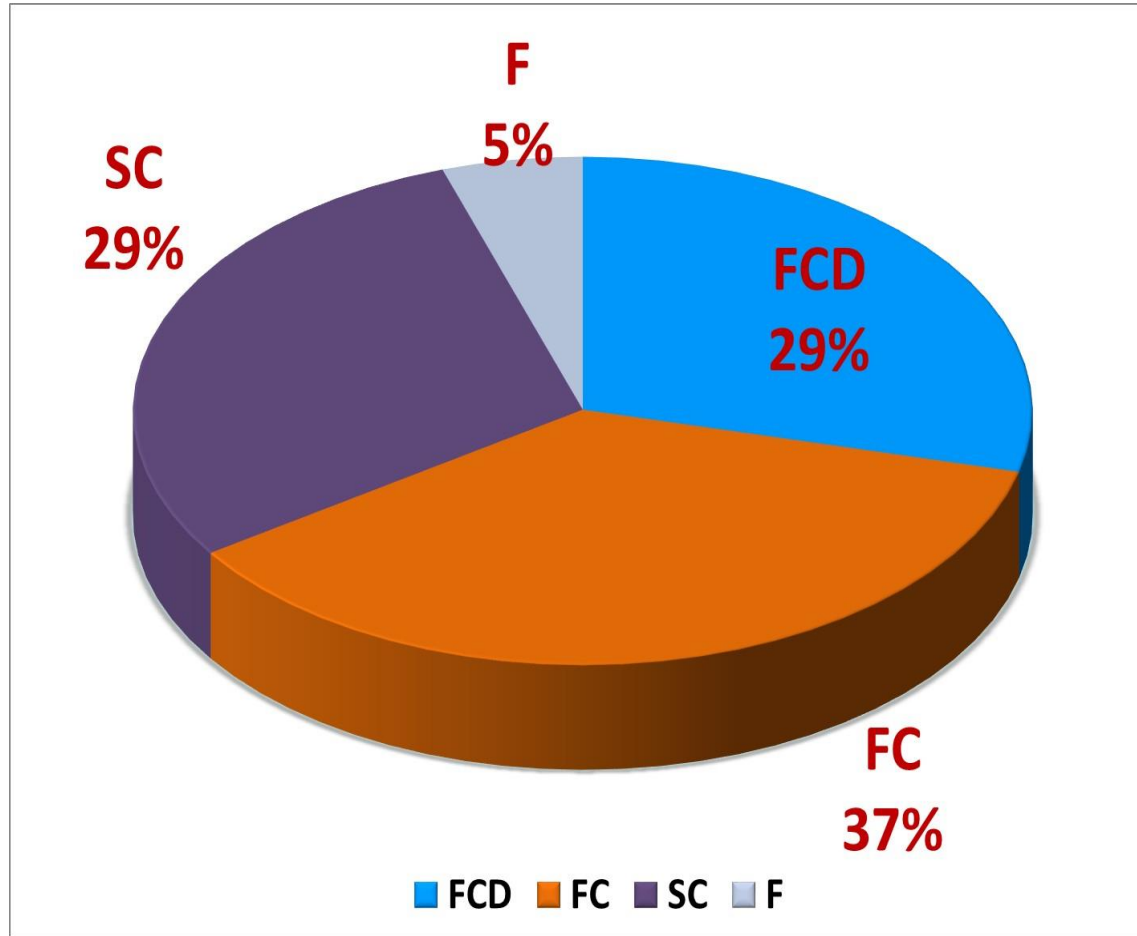
BArch. Odd & Even Semesters

Undergraduate Programs

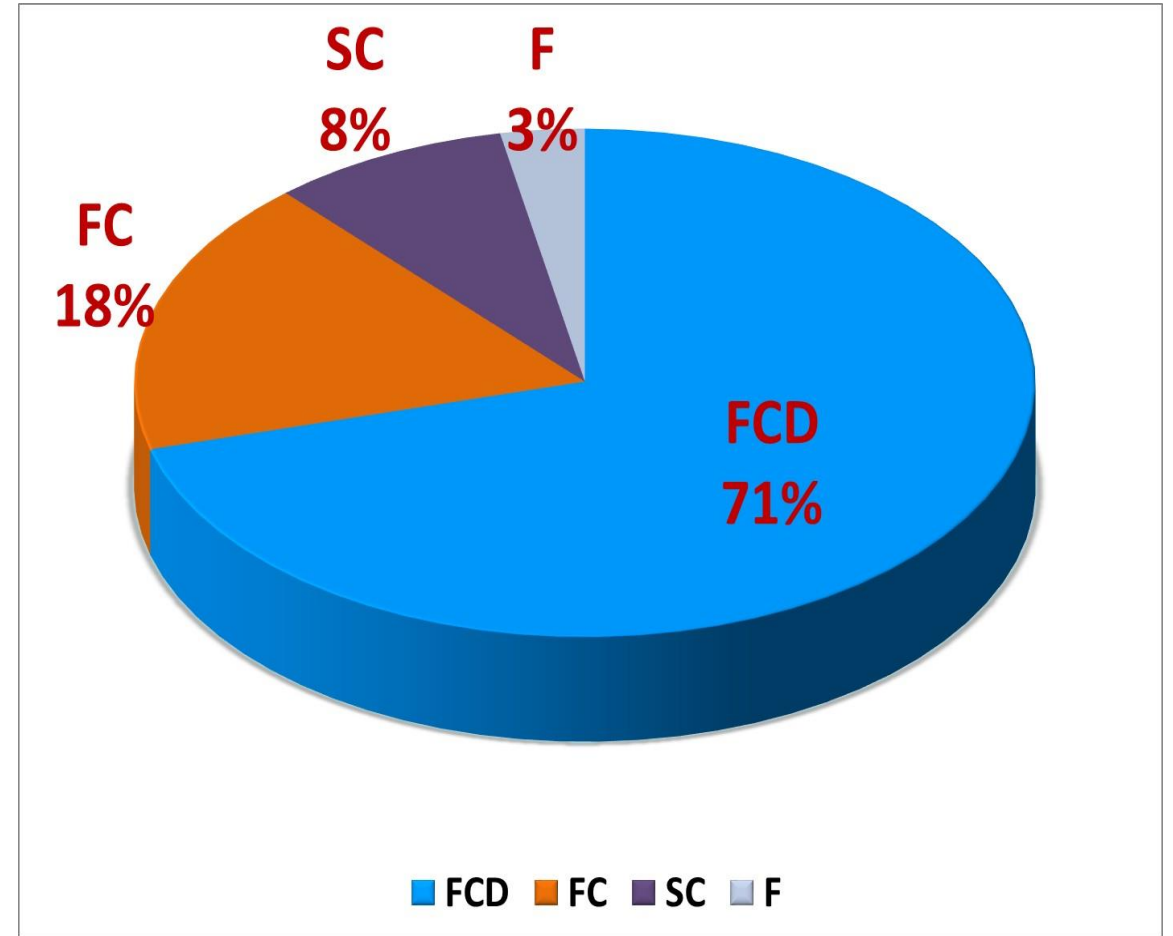


Class Distribution – BArch thto 10thSemester

Odd Semesters



Even Semesters



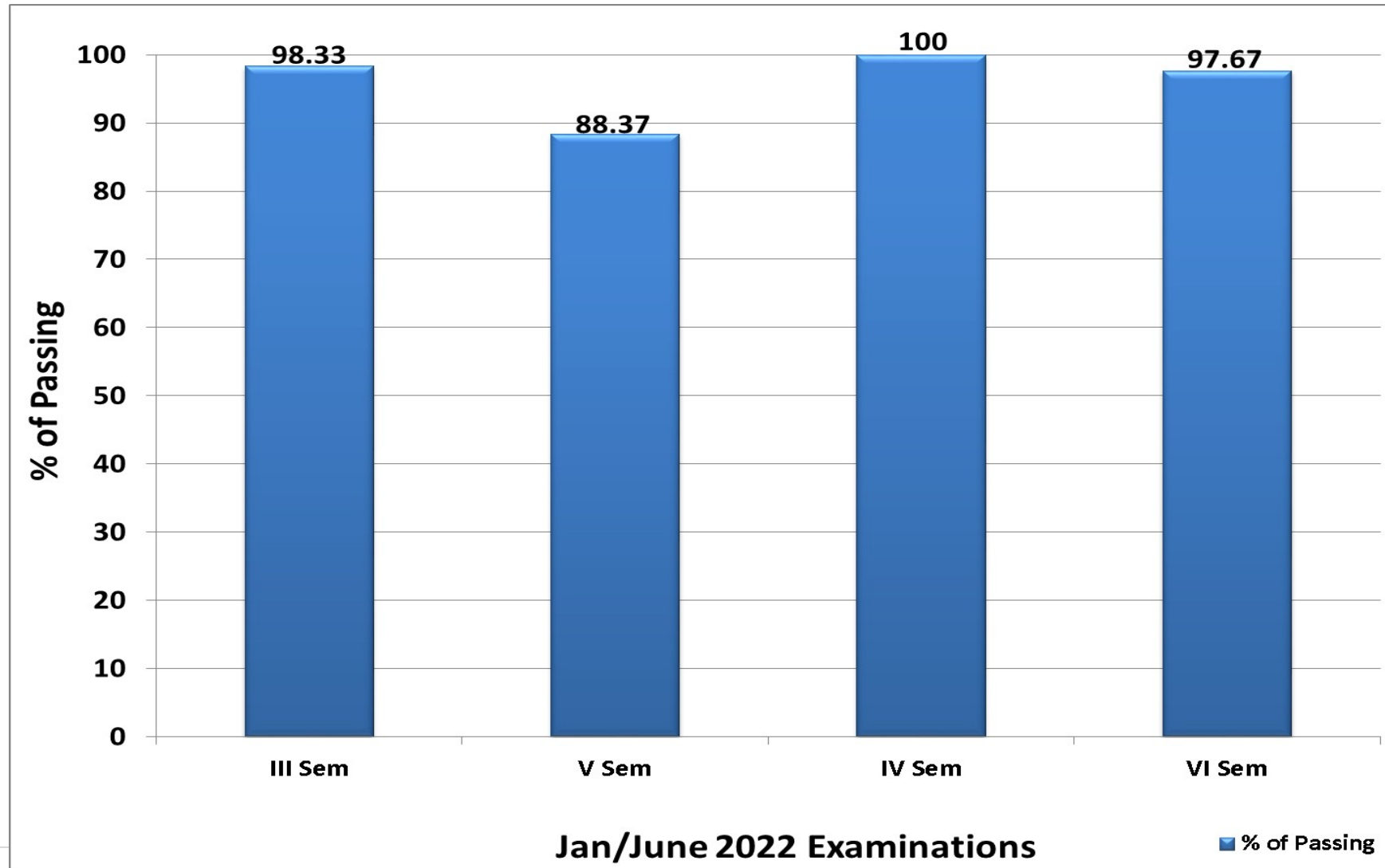
MCA Odd & Even Semesters

Postgraduate Programs

SNo	Odd Semesters	No. of Students Appeared	No. of Students Passed	% of Passing
1	III Semester	60	59	98.33
2	V Semester	43	38	88.37
Total		103	97	94.17

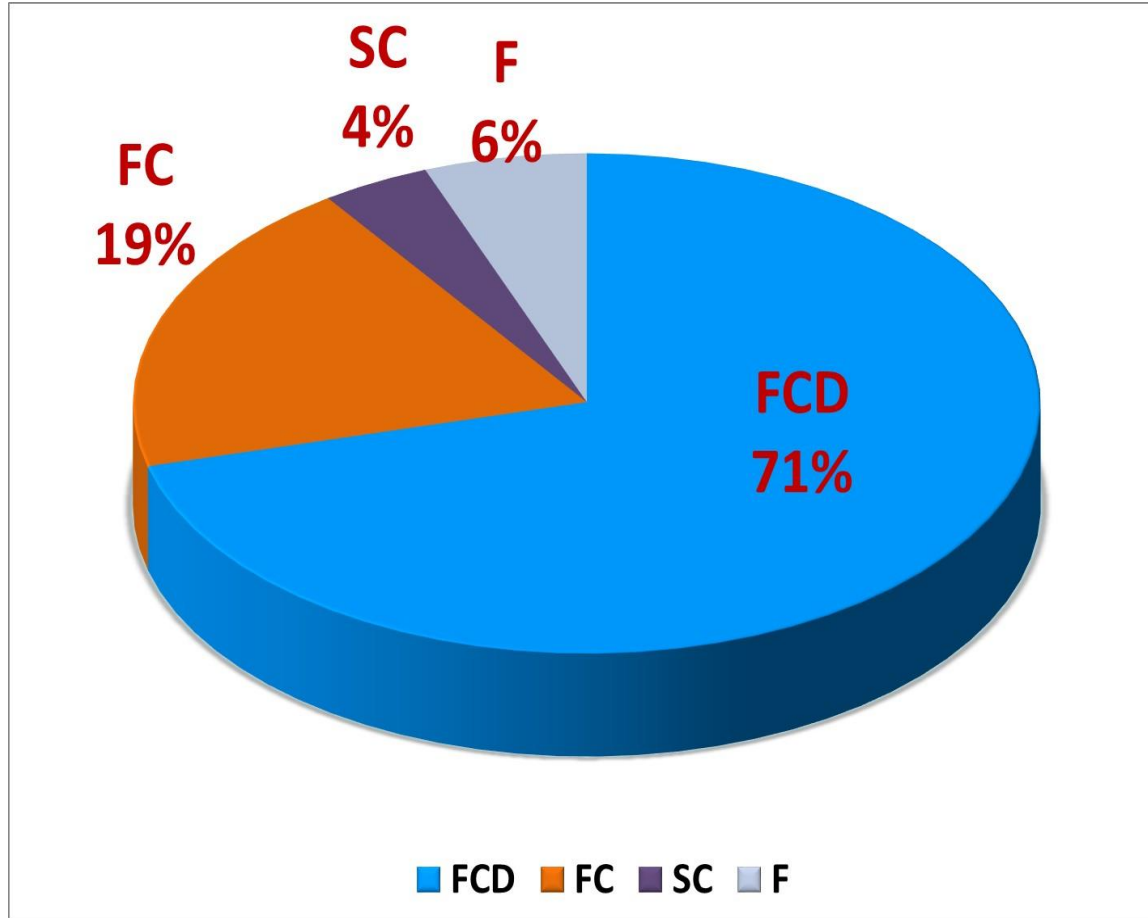
SNo	Even Semesters	No. of Students Appeared	No. of Students Passed	% of Passing
1	IV Semester	60	60	100
2	VI Semester	43	42	97.67
Total		103	102	99.03

MCA Odd & Even Semesters Postgraduate Programs

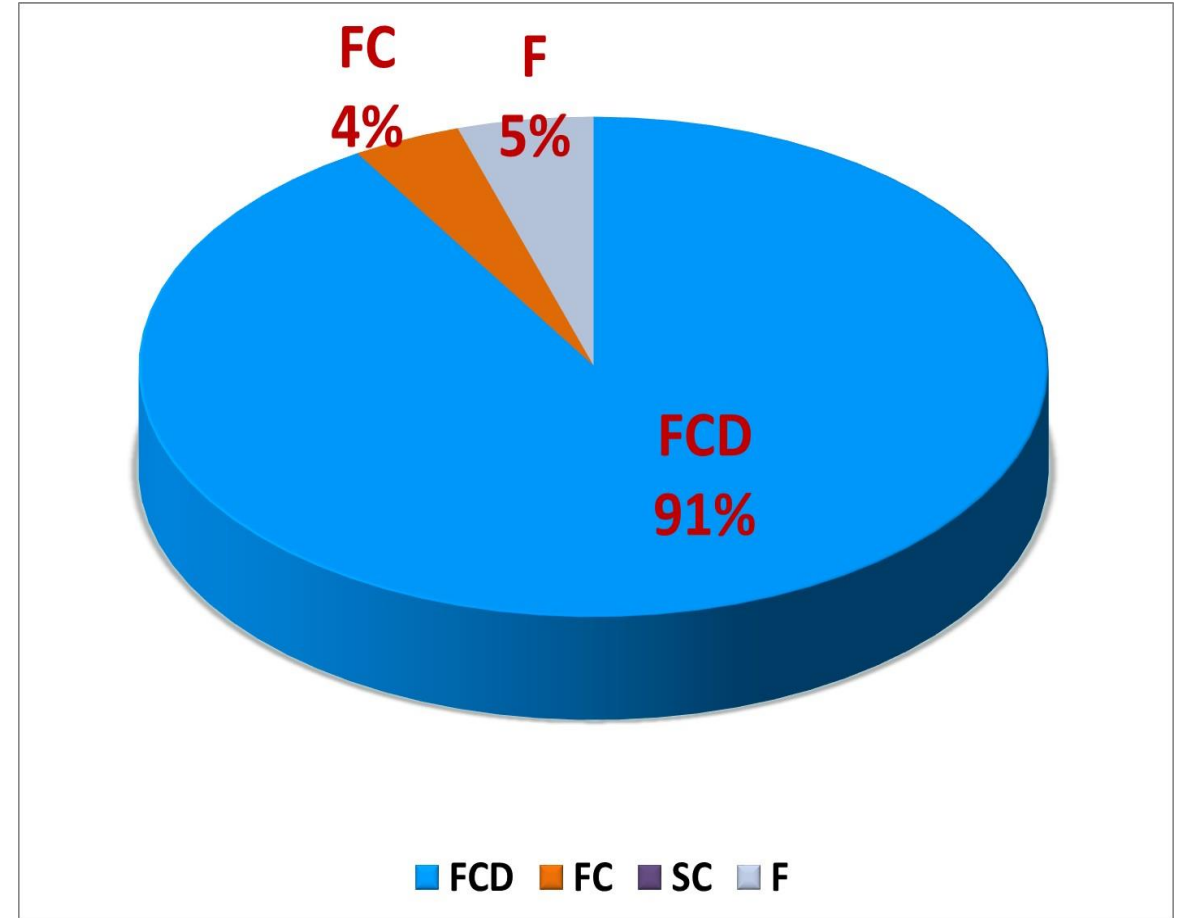


Class Distribution – MCA rdto 6thSemester

Odd Semesters



Even Semesters



AC 12.9	Any other subject with the permission of the Chair