



#### I Sem M.Tech. (Production Management)

#### **Curriculum Content**

Course Code: **17EPMW701** Course Title: **Mini Project I** 

L-T-P: **0-0-3** Credit: **1** Contact Hrs: **6hrs/week** 

CIE Marks: **80** SEE Marks: **20** Total Marks: **100** 

Practical Hrs: 72 hrs

**Mini Project I:** The Guide shall define the problem statement for the Project work. The student shall execute the Project within during the 1st semester. The student who has opted Mini Project I shall opt Manufacturing theme to carry out their work.





#### **II Sem M.Tech. (Production Management)**

#### **Curriculum Content**

Course Code: 17EPMW702 Course Title: Mini Project II

L-T-P: **0-0-3** Credit: **1** Contact Hrs: **6hrs/week** 

CIE Marks: **80** SEE Marks: **20** Total Marks: **100** 

Practical Hrs: 72 hrs

**Mini Project II:** The Guide shall define the problem statement for the Project work. The student shall execute the Project within during the 2nd semester. The student who has opted Mini Project II shall opt automation theme to carry out their work.

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The lecture sequence was well planned to meet learning outcomes					
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The course exposed you to new knowledge and practice The level of the course was moderate		1			
The level of the course was moderate					
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b. The conduct of the course	agree	Agree			Disagree
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The provision of learning resources in the library was adequate and appropriate					
	Strongly	Agree	Uncertain	Disagree	Strongly
d. Assessment	Strongly	Agree			Disagree
The method of assessment were reasonable		-			
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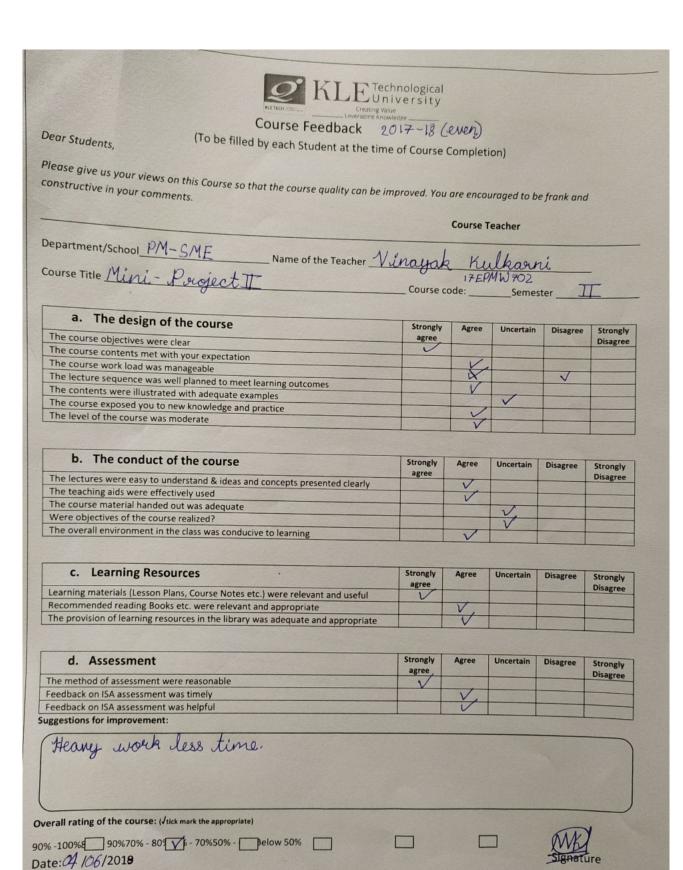
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The contents were illustrated with adequate examples	1				
The course exposed you to new knowledge and practice		V			
The level of the course was moderate		V			
b. The conduct of the course	Strongly	Agree	Uncertain	Disagree	Strongly
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The lectures were easy to understand & ideas and concepts presented clearly  The teaching aids were effectively used	V	V			
The course material handed out was adequate					
Were objectives of the course realized?		V			
The overall environment in the class was conducive to learning		V			
c. Learning Resources	Strongly	Agree	Uncertain	Disagree	Strongly
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The provision of learning resources in the library was adequate and appropriate					
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d. Assessment	agree			- sagree	Disagre
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a. The design of the course	Strongly	Agree	Uncertain	Disagree	Strongly
The course objectives were clear	agree	1			Disagree
The course contents met with your expectation		1-			
The course work load was manageable			<u></u>		15 0 1 5 B
The lecture sequence was well planned to meet learning outcomes		1			
The contents were illustrated with adequate examples		1			
The course exposed you to new knowledge and practice		1			
The level of the course was moderate					
b. The conduct of the course	Strongly agree	Agree	Uncertain	Disagree	Strongly Disagree
The lectures were easy to understand & ideas and concepts presented clearly	1				
The teaching aids were effectively used		~			
The course material handed out was adequate		~			
Were objectives of the course realized?		,	~		
The overall environment in the class was conducive to learning					
c. Learning Resources	Strongly	Agree	Uncertain	Disagree	Strongly
Learning materials (Lesson Plans, Course Notes etc.) were relevant and useful	agree	V			Disagree
Recommended reading Books etc. were relevant and appropriate		レ			
The provision of learning resources in the library was adequate and appropriate		1/			
The provision of learning resources in the library was deceded and appropriate					
d. Assessment	Strongly	Agree	Uncertain	Disagree	Strongly Disagree
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Feedback on ISA assessment was timely		~			
Feedback on ISA assessment was helpful		V			
Suggestions for improvement:					
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Overall rating of the course: (/tick mark the appropriate) 10% -100% 90% 70% - 80% - 70% 50% - Below 50% Date: 4 / 6 / 2019				Sign	nature



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rase give us your views on this Course so that the course quality can be impo instructive in your comments.		e encoura		ink und	
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partment/School PM -SME Name of the Teacher Virgurse Title Mini project II	ayak ku	Ikarni	•		
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ourse Title mini project I	_ course coc				
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The course contents met with your expectation			1/		
The same work load was manageable		V			
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The contents were illustrated with adequate examples		V,			
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The level of the course was moderate					
	Strongly	Agree	Uncertain	Disagree	Strongly Disagree
b. The conduct of the course	agree		V		
The lectures were easy to understand & ideas and concepts presented clearly		V	,		
The spring aids were effectively used					
The course material handed out was adequate		/			
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Were objectives of the course realized.  The overall environment in the class was conducive to learning					
	Strongly	Agree	Uncertain	Disagree	Strongly
c. Learning Resources	agree				Disagree
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uggestions for improvement:	4	Peare	or Ado	mation	+
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ate: 06/06/2019					

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Leveraging Knowledg					
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(To be filled by each Student at the time of	of Course Co	mpletion	) /		
ear Students,					
ease give us your views on this Course so that the course quality can be imp	roved. You a	re encourc	aged to be fr	ank and	
onstructive in your comments.					
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repartment/School PM - SME Name of the Teacher  Sourse Title Name of the Teacher	ings	yak.	Kulk	carh-	-
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a. The design of the course	Strongly	Agree	Uncertain	Disagree	Strongly Disagree
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The lecture sequence was well planned to meet learning outcomes		~			
The contents were illustrated with adequate examples		1			
The course exposed you to new knowledge and practice		1			
The level of the course was moderate		1			
	Strongly	Agree	Uncertain	Disagree	Strongly
b. The conduct of the course	agree				Disagree
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The overall environment in the class was conducive to learning					
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Recommended reading Books etc. were relevant and appropriate		1			
The provision of learning resources in the library was adequate and appropriate					
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d. Assessment	agree	Agree			Disagre
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Feedback on ISA assessment was helpful					
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pate: 4 /6/2018					





### KLE Technological University, Hubli Alumni Feedback 2019-20



Dear proud alumni,

The following are the list of skills and competencies that engineering (Production Management) post graduates should have. We seek your participation in the Alumni Survey conducted to know your satisfaction with the level of competency you have achieved as a result of your education at the Institution and also able to practice the same. For each question, indicate your opinion with a tick mark (✓) in the appropriate column. All individual responses will be kept confidential. Only statistically analyzed results from the entire population will be shared.

Regards,

Head, School of Mechanical Engineering

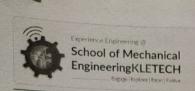
S.No	Competencies	Level of Competency						
		Completely Dissatisfied	Dissatisfied	Satisfied	Completely			
1	Research skills :				Jacisned			
	Able to carry out literature survey and identify the gaps in the proposed area			/				
	Formulate the problem statement and research questions that lead to identification of research path			/				
	Develop a solution using appropriate methodology for the identified problem				/			
2	Communication:							
	Communicate scholastic thought process through thesis/technical article			/				
	Articulate research finding emphasizing its real time utility to stakeholders			/				
3	Scholarship of knowledge:							
	Apply specialized knowledge to identify issues in the existing system and rectify the same through alternate solutions				/			
	Apply domain knowledge to develop a solution for a system of manufacturing/service-oriented organizations			/				
4	Project Management and Finance:							
	Apply technical and managerial skills to plan and analyze the projects				/			
1	Execute projects considering principles of project management				/			

Page 1 of 2



	Experience Engineering @ School of Mechanical EngineeringKLETECH Engage (Exologe   Exologe   Exological   Exologi	versity, Hubli 019-20
5	Use of Modern tools :	KLE TECH STATES
	Acquire competence in modeling, simulation and analysis of real wo	orld
	Develop customized solutions for existing problem through extens	sive
	Indicate your Answer with symbol "✓" in the pow would you rate your overall satisfaction with your preparation  Not Satisfied Little Satisfied Satisfied general, the department has provided a quality acade poor OK Good	to become an engineer?  Very Satisfied
Name:	KIRAN KULKARNI	Branch: PM
e-mail	KIRAN KULKARNI id: Kirankulkarnis 7@gmail.com Mobile: 95359R3R	730 Batch: 2018
Name o	of the company: DASSAULT SYSTEML - BAN	GALORE
Corresp	OPP KIRLOSKER  ATOPORT ROAD  HUBBALLI	
Signatur	e: Chuller &	

Page 2 of 2



# KLE Technological University, Hubli Alumni Feedback 2019-20



Dear proud alumni,

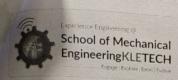
The following are the list of skills and competencies that engineering (Production Management) post graduates should have. We seek your participation in the Alumni Survey conducted to know your satisfaction with the *level of competency* you have achieved as a result of your education at the Institution and also able to practice the same. For each question, indicate your opinion with a tick mark  $(\checkmark)$  in the appropriate column. All individual responses will be kept confidential. Only statistically analyzed results from the entire population will be shared.

Regards,

Head, School of Mechanical Engineering

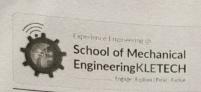
S.No		Level of Competency						
3.110	Competencies		Dissatisfied	Satisfied	Completely Satisfied			
1	Research skills:							
	Able to carry out literature survey and identify the gaps in the proposed area			V				
	Formulate the problem statement and research questions that lead to identification of research path			~				
	Develop a solution using appropriate methodology for the identified problem				/			
2	Communication:							
	Communicate scholastic thought process through thesis/technical article		*	/				
	Articulate research finding emphasizing its real time utility to stakeholders			/				
3	Scholarship of knowledge:							
	Apply specialized knowledge to identify issues in the existing system and rectify the same through alternate solutions				/			
	Apply domain knowledge to develop a solution for a system of manufacturing/service-oriented organizations				/			
4	Project Management and Finance:							
	Apply technical and managerial skills to plan and analyze the projects			V				
	Execute projects considering principles of project management				/			

Page 1 of 2



	School of Mechanical Engineering KLETECH  Engage (Explore   Excel   Evolve	KLE Technological University  Alumni Feedback 2019-20	/, Hubli						
5	Use of Modern tools :								
	Acquire competence in modeling, simulation and analysis of real world problems using modern tools.								
	Develop customized solutions analysis	for existing problem through extensive							
	ow would you rate your overall		me an engineer? ery Satisfied						
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e-mail	id: Forazmier Chetr	nail conflobile: 8050918382	Batch: 2018						
	of the company: Aska								
	pondence Address: Mulla Wdd H Hub	Oni jubli balli -							
Signatu	ire: Juille								

Page 2 of 2





#### Dear Sir,

We seek your kind participation in this process of collecting feedback about our Production Management post graduates serving in your organization. Your inputs will be helping us to make required modifications in the existing curriculum, pedagogy to enhance the competencies of the graduating engineers. For each question, indicate your opinion with a tick mark  $(\checkmark)$  in the appropriate column. All individual responses will be kept confidential. Only statistically analyzed results from the entire population will be shared.

#### Regards,

#### Head, School of Mechanical Engineering

		Level of Competency						
S.No	Competencies		Dissatisfied	Satisfied	Completely Satisfied			
1	Research skills :							
	Able to carry out literature survey and identify the gaps in the proposed area							
	Formulate the problem statement and research questions that lead to identification of research path							
	Develop a solution using appropriate methodology for the identified problem			/				
2	Communication:							
	Communicate scholastic thought process through thesis/technical article							
	Articulate research finding emphasizing its real time utility to stakeholders							
3	Scholarship of knowledge:							
	Apply specialized knowledge to identify issues in the existing system and rectify the same through alternate solutions				/			
	Apply domain knowledge to develop a solution for a system of manufacturing/service-oriented organizations				/			
4	Project Management and Finance:							
	Apply technical and managerial skills to plan and analyze the projects			V				
	Execute projects considering principles of project management							

Page 1 of 2





5	Use of Modern tools:	KLE TECH.
	Acquire competence in modeling, simulation and analysis of real world	
	Develop customized solutions for existing problem through extensive	
	problem through extensive	

Space for comments:

ERP modules are rarely understood by stidents, but

Brugs from Burckle PM branch are actreamly well and

have great understanding of ERP Systems ingereral.

Name of the organization: Vedhasoft Technologies

Address: # Ath cross street, 3rd main road

Horamanu, Bangalore - 560043

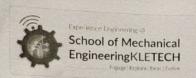
Name of the contact person: Babu Karunakaran

Designation: Business Head - Entreprie Soln

e-mail id: bk@vedhosoft-in

Mobile: 9952946131 Signature: mps of mister

Page 2 of 2





Dear Sir,

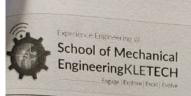
We seek your kind participation in this process of collecting feedback about our Production Management post graduates serving in your organization. Your inputs will be helping us to make required modifications in the existing curriculum, pedagogy to enhance the competencies of the graduating engineers. For each question, indicate your opinion with a tick mark  $(\checkmark)$  in the appropriate column. All individual responses will be kept confidential. Only statistically analyzed results from the entire population will be shared.

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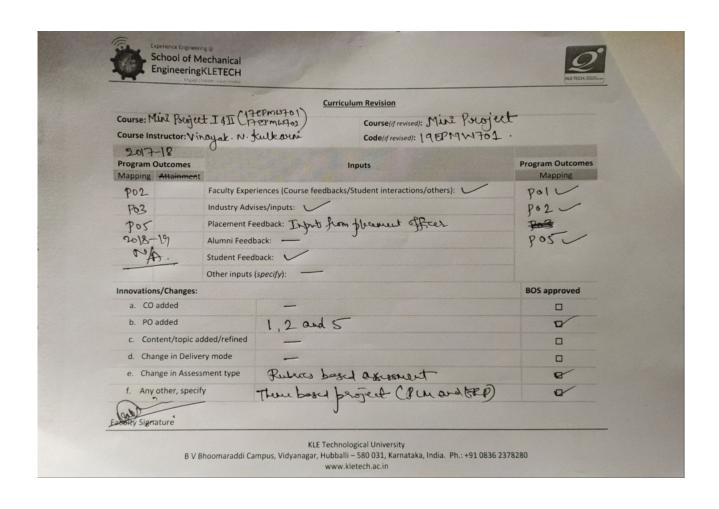
S.No	Competencies	Level of Competency					
		Completely Dissatisfied	Dissatisfied	Satisfied	Completely Satisfied		
1	Research skills :						
	Able to carry out literature survey and identify the gaps in the proposed area			/			
	Formulate the problem statement and research questions that lead to identification of research path			/			
	Develop a solution using appropriate methodology for the identified problem			/			
2	Communication:						
	Communicate scholastic thought process through thesis/technical article			/			
	Articulate research finding emphasizing its real time utility to stakeholders			/			
3	Scholarship of knowledge:						
	Apply specialized knowledge to identify issues in the existing system and rectify the same through alternate solutions			/			
	Apply domain knowledge to develop a solution for a system of manufacturing/service-oriented organizations			/			
4	Project Management and Finance:						
	Apply technical and managerial skills to plan and analyze the projects				/		
	Execute projects considering principles of project management .				~		

Page 1 of 2





				CLE TECH.
5	Use of Modern tools :			
	Acquire competence in modeling, simulation and analysis of real world problems using modern tools.			
	problems using modern tools.  Develop customized solutions for existing problem through extensive analysis			/
	analysis problem through extensive		/	
Spa	ce for comments: PLM understanding: 1			
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	John Jagrinana w s	alista	dory.	
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Add	ress: Hinjewadie			
Nam	e of the contact person: Ashish Gajenan Kulkain			
Desig	gnation: Sr. Savject Monager			
e-ma	il id: Ashish g. Kulkarila 3ds. Mobile: 9850996264	Signatu	re: All	ish leuben
			1400	
			Pa	ge 2 of 2



### Analysis and Action Taken Report Approved in Board of Studies dated 13-04-2019 and implemented with effect from 2019-2020

### Observations/ Analysis based on feedback of Students/Alumni and Employers

- 1. Time available for carrying out mini project I was less due to more number of labs during 1st semester. Conduct of mini project II during 2<sup>nd</sup> semester was quite comfortable compared to 1<sup>st</sup> semester. However, students expressed to keep only one mini project that will motivate and help them to carry out major project during the final year.
- 2. Although, alumnus were satisfied with the research skills and communication skills gained during the tenure of their PG studies, faculties strongly believe that introducing mini project during 2<sup>nd</sup> semester will help students to improve their research skills as students can apply the fundamental knowledge gained during 1<sup>st</sup> semester PG program.
- 3. Employers are satisfied with the skills of our PG students, especially in using the modern tools like PLM and ERP. If a mini project with a particular theme (PLM/ERP theme) is introduced during the 2<sup>nd</sup> semester, then it will be helpful for the students to showcase their talents in the usage of modern tools and fetch opportunities to get into internship in reputed organizations/companies.

Observations/ Recommendations based on feedback	POs impacted		
Teachers Feedback (Pre-BoS MoM): √	P01, PO2 and PO5		
It was proposed to offer a Mini Project to facilitate better student employability in BOS me	eeting.		
Actions taken	Course Revised/ Added	BoS Date	approved
As an employment initiative for Production Management PG Program with focus on PLM/ ERP, the Mini Project has been introduced in the Second Semester to facilitate student employability in Manufacturing/Service Industry.	Mini Project (19EPMW701)	13-	04-2019

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School of Mechanical Engineering
KLE Technological University, HUBBALLI-31.

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13-04-2019

#### Minutes of the BOS Meeting in School of Mechanical Engineering

The meeting of the BOS in Mechanical Engineering was held on 13<sup>th</sup> April 2019 at 10.00am in the Office of the School Head, Mechanical Engineering, KLE Technological University, Hubballi.

The meeting began with the Chairman welcoming members of the BOS and other invited faculty and student members. The following agenda points were taken up for discussion.

#### Agenda 1:

Review of actions initiated in the last meeting.

#### **Resolution 1:**

The actions initiated in the previous BOS held on 7<sup>th</sup> April 2018 were reviewed and minutes of the last meeting were confirmed.

The action taken report presented to the board was approved by the members.

The Chairman informed the members about the Industry Advisory Board meeting held on 23<sup>rd</sup> March 2019 and presented the salient features which would be considered during the meeting.

#### Agenda 2:

Review of Syllabus of UG program

#### Resolution 2:

The School Head presented the curriculum changes for UG program.

Board reviewed and appreciated the Program syllabi for its flexibility with respect to student learning and enhancing employability prospects. The Mechatronics and Control Engineering courses were suggested revisions in terms of re-allotment in number of teaching hours and suitable pedagogical interventions in delivery.

The study on sensor - 1st order/2nd order/steady/transient response to be investigated in detail while electronic concepts related to interface design may be restricted to introductory level. Electro-mechanical actuators can be given more emphasis, selection of AC/DC drives, Pneumatics can be part of Control/ Mechatronics study.

Revisions were also suggested in the course on 'Finite Element Methods'. Revisions to the existing curriculum were focused on post processing techniques in software tools and data acquisition for experimental validation. To cover the case studies pertaining to industrial field issues, numerous examples were included in the curriculum. The associated lab introduced with complex engineering challenges as exercises. Further, the students were expected to publish papers on their laboratory work.

The course CAD Modelling and PLM (2-0-2) introduced with 15hr/week hands-on immersive training experience, with a focus on Exposure to system building from components/sub-systems. Emphasis on 2D, 3D drafting, generation of BOM, GD&T, exploded view and rendering features was increased. Also, included Product development and Reverse Engineering as an extension to create industry-like learning environment through virtual Projects (Mini Project).

The experts from Mathematics suggested modifications in 'Numerical Methods and Partial Differential Equation' course: Python programming was introduced as a tutorial for solving engineering problems to help students get better insight.

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The courses Machine Drawing and Manufacturing Processes II were introduced in place of Engineering Design & Product Realization which was to become the theme of Minor Project. The members approved the change.

The courses Advanced Statistics and Machine Learning and Machine Learning Applications introduced as niche verticals in view of job prospects in engineering services sector was highly appreciated and approved for implementation.

The verticals on E-Mobility elective were introduced after consultations with experts from Altair - Vehicle Structure and Design Optimization and Dynamics & Durability of Vehicles. The external members both from academia and industrywere in alignment in approving the courses for implementation as the field is upcoming both for entrepreneurship potential and employability.

Another elective course on Applications of Vibrations and acoustics was introduced after extensive interaction with M/s Josts – a leading company in the field of NVH. The BOS approved the course for implementation.

The Industry internship/project during 8th sem to ensure a longer duration Industrial contact for students leading to their employability was approved for implementation.

The scheme and curriculum from 1st sem to 8th sem for respective admission batches was approved.

#### Agenda 3:

Review of Syllabus of PG program

#### **Resolution 3:**

The Machine Design/Production Management/Energy Systems Engineering M.Tech. Programs were provisioned longer industry stay for students with entire 3<sup>rd</sup> sem for Industrial training/project got BOS approval.

The course Computational Methods in Engineering Analysis for MD /ESE Programmes was approved with suggestions to have concepts of statistics, probability and random events.

In Machine Design Programme, Thermal stress module has been introduced in Mechanics of solids course to focus on thermo elastic stress—strain relations of thin circular disk, long circular cylinder, and straight beams.

The Energy Systems Engineering Programme proposed a new course tilted *Economic aspects of Energy conversion* to cover economic aspects of energy conversion. The changes were approved with suggestion to give due stress on analytical aspects.

The Production Management Programme proposed a course on *Research Methodology* with orientation towards research practice covering research techniques and statistical tools. The change has been appreciated and approved by BoS members.

To enhance employment opportunities to graduating students a thorough hands-on experience on PLM/ERP tools is essential, therefore Mini Project course was introduced at the 2<sup>nd</sup> semester. The practice oriented initiative was duly appreciated and approved.

The curriculum scheme and structure from 1<sup>st</sup> sem to 4<sup>th</sup> sem for respective admission batches was approved.

REGISTRARenda 4: chnological University New initiatives

#### **Resolution 4:**

The initiatives to help student learn and acquire niche skill sets in *Product Lifecycle Management (PLM)* (6 credit, 2 elective, 160 hr), *Advanced CAE* (6 credit, 2 elective, 160 hrs) and minor program

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- Advanced Manufacturing for Aerospace Applications (15 credit, 5 course, 320 hrs + Project at AEQUS campus), were three verticals that resulted in 45 student placements. (Recruitment orders expected by last week of May 2019).

Employment Initiatives for Production Management PG program through revamped curriculum with focus on PLM and ERP to facilitate student employability in Engineering Services Industry.

The School is working on other potential verticals for UG program in Machine Learning, E-mobility and Digital Twin, the detailed syllabi will be shared with BOS members through email for approval.

The collaborative efforts being made by the School with the Dassault Systems, Altair, Bosch and AEQUS in designing the niche verticals was appreciated by the members.

The new initiatives and the efforts by the faculty members were encouraged.

#### Agenda 5:

Status of Minor Programs

#### Resolution 5:

The status of all four minor programs - Innovation and Product Development, Automotive Engineering, Bio-Engineering and Advanced Manufacturing for Aerospace Applications was presented.

The status of Minor Programs was reviewed and endorsed by the BOS.

#### Agenda 6:

Student Performance

#### Resolution 6:

The student achievements in curricular, co-curricular and extra-curricular activities were presented. The experiential and contextualized learning opportunities created by the School in various courses helped students perform consistently in their regular academics and acquire the relevant technical and professional skills. Students' engagement in research was visible through their active participation in REU course leading to many publications, one of which has won 1st prize in an international conference. A team of students has won prestigious All India National Meritorious Invention Award for their product 'Smart FOB' under the category 'National Budding Innovators' organized by NRDC and Ministry of Science & Technology, successively second time with a prize money of Rs. 1,00,000/-. The Motor Sports club participated in SAE India E-BAJA, M-BAJA and SUPRA competitions and won no. of awards. A team of aero KLE - an aero modelling club participated first time in National level SAE India Aero Design Challenge 2018 competition and got All India 8th Rank.

The overall student performance in UG and PG Programmes were discussed and approved.

Agenda 7:

Review of Research progress

Resolution 7:

The on-going research activities in the School, publication and citation details and patents filed by the faculty were discussed. The initiative at KLETU Research Centre to promote an inclusive

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research through SRG, ERG and ERS group was presented with special focus on REU and REEF courses.

The members reviewed and approved the proposed initiatives with suggestion to actively continue research.

#### Agenda 8:

Review of OBE framework of the School

#### **Resolution 8:**

The OBE initiatives and attainment of Program Outcomes along with Program Specific Program outcomes were closely reviewed and appreciated.

The PEOs and POs were also reviewed for their relevance and approved for continuation.

#### Agenda 9:

Initiative for attainment of key results

#### **Resolution 9:**

The School initiatives in alignment with University guidelines to enhance operational efficiency were presented.

The four objectives and the key results (OKRs) were approved with due appreciation to the efforts made.

#### Agenda 10:

Any other matter with the permission of the chair

#### **Resolution 10:**

The changing placement scenario for mechanical engineering students was discussed in the backdrop of IT companies not hiring non-IT graduates from the current year. The expectation of niche skill sets by core companies has prompted the school to identify industry relevant verticals to get the students employed. In the process a dilemma in curriculum design arises that should imbibe niche skill sets without compromise on fundamental concepts. The members cited similar experiences and suggested incremental mode of growth was relevant in present context as practiced by the school. At no point of time, emphasis on fundamental core courses should be diluted, the members opined.

The board empowered the chairman to revise/modify curriculum structure and syllabus wherever required, if circumstances so demand and the same could be ratified in the next meeting.

The meeting was concluded with vote of thanks by the Chairman.

Enclosed:

1. UG Program – Structure and Syllabus

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2016 - 2020 batch

2017 - 2021 batch

iii. 2018 - 2022 batch

iv. 2019 - 2023 batch



#### 2. PG Program – Structure and Syllabus

- i. Production Management
  - a. 2018 2020 batch
  - b. 2019 2021 batch
- ii. Energy Systems Engineering
  - a. 2018 2020 batch
  - b. 2019 2021 batch
- iii. Machine Design
  - a. 2018 2020 batch
  - b. 2019 2021 batch

#### 3. Minor Program

- i. Innovation and Product Development
- ii. Automotive Engineering
- iii. Bio-engineering
- iv. Advanced Manufacturing for Aerospace Applications

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Members of BOS in Mechanical Engineering

S.No.	Name	Profession	Full Postal Address	Position	Signature
	B B Kotturshettar	Professor & Head of the	Professor & Head,	Chairman	
1.	B B Kotturshettar	School/ Department	Mechanical Engineering	Chairman	Carro J
_	N. D. D	Professor,	Professor,	Member	The state of the s
2.	N R Banapurmath	Dean's nominee	Mechanical Engineering	iviellibei	
	C D Dli	Associate Professor	Associate Professor,	Member	45-1
3.	S B Burli	Dean's nominee	Mechanical Engineering	Member	May .
4	P M Bhovi	Assistant Professor	Assistant Professor,	Member	Con .
4.	PIVI DIIOVI	Dean's nominee	Mechanical Engineering	Wichiber	167
,		Subject expert from	Professor, Department of		
		outside the college	studies in Industrial and		
5.	Dr. Nagesha N.	nominated by the Vice-	Production Engineering,	Member	
		Chancellor	University B D T College of		
			Engineering, Davangere		
		Subject expert from	Professor		
		outside the college	Department of Mechanical		
	Dr. S V Prabhu	nominated by the Vice-	Engineering,		0
6.		Chancellor	Indian Institute of Technology,	Member	STD.
			Bombay.		12211
			Professor, Indian Institute of		
			Technology, Dharwad		
		Representative from	Principal Engineer		
		industry corporate	Quest Global, Belgaum		0.4
	11 12 12 1	sector/ allied area		Member	MY
7.	Veeresh Dastrad	relating to placement		Member	
	Bashar X	nominated by the Vice-			13/04
	Bashant Marikati	Chancellor	702		12
		Representative from	General Manager,		
		industry corporate	Powertrain Engineering,		1
	Dr. Prasanna G	sector/ allied area	The Automotive Research		Mal
8.	Bhat	relating to placement	Association of India,	Member	15
	Dilat	nominated by the Vice-	S.No. 102, Vetal Hills, Off Paud,		1264
		Chancellor	Kothrud,		121
			Pune		

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KLE Technological University
HUBBAL LI-580 034

Tel.:+91 - 836 - 2378123 Fax:+91 - 836 - 2374985. www.kletech.ac.in



Earlier known as B. V. B. College of Engineering & Technology

S.No.	Name	Profession	Full Postal Address	Position	Signature
9.	S B Menon	Post-graduate meritorious alumnus nominated by the Vice-Chancellor	CEO Unique Circle Group, Pimpri Chinchwad, Pune	Member	Mon
10.	Student Representatives Manjunath HIremath Shravya M.Sanu Girish Karikatti Ashwini HIremath Faraz Mueen Mulla Sushruth Halewadimath	Student Member representing each of the program offered by the Department/ School/ Center	Program Details  UG  UG  PG-MD  PG_ESE  PG-PM  Ph.D	Student Member	Sheary.
11.	P P Revankar	ONE Senior faculty member nominated by the concerned Head of the Department/	Associate Professor, PG-Energy Engineering	Member Secretary	Please
12.	Dr. Murigendrappa	Invitee	Associate Professor, National Institute of Technology Karnataka, Surathkal	Member	
13.	Dr. Anand Ramani	Invitee	Subject Matter Expert and Head of CAE KPIT Technologies Ltd., Bangalore F-016 Gopalan Habitat Splendour Brooke fields, Kundalahalli	Memebr	
14.	Vijaykumar R	Invitee	General Manager, Mechanical Engineering Robert Bosch Engineering and Business Solutions Pvt. Ltd., Campus 1B,Ecospace, Bangalore	Member	Edilul.
15.	Prof. S. Gopalakrishnan	Invitee	Assistant Professor Dept. of Mechanical Engineering Indian Institute of Technology Bombay	Member	- Row 9



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S.No.	Name	Profession	Full Postal Address	Position	Signature
			Professor, PG-Machine	Member	11997
16.	K G Kodancha,	Invitee	Design		
			Professor, PG-Production	Member	( GOLDY
17.	V N Gaitonde	Invitee	Management		LIX
			Associate Professor,	Member	ap. one
18.	V N Sanagoudar	Invitee	Mechanical Engineering		Sample

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# II Sem M. Tech. (Production Management) Curriculum Content

Course Code: **19EPMW701** Course Title: **Mini Project** 

L-T-P: 0-0-3 Credits: 3 Contact Hrs: 6 hrs/week

ISA Marks: **80** ESA Marks: **20** Total Marks: **100** 

Teaching Hrs: **72 hrs** Exam Duration: **2 hrs** 

**Mini Project:** The Guide shall define the problem statement for the Project work. The student shall execute the Project within three months duration during the 2nd semester. The student who has opted Mini Project shall opt either ERP or PLM theme to carry out their work.