BOARD OF STUDIES MEETING – 2019-20
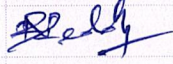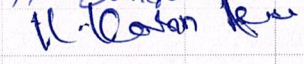## K.S.R.M COLLEGE OF ENGINEERING
AUTONOMOUS

Minutes of the Meeting

Date	09.10.2020	Day	Friday
Time	12:10 PM TO 2:00 PM	Venue	Virtual meeting
Dept./SS	H&S (Board of Humanities)	Convener	Sri. N. Bhaskara Reddy

MembersPresent:07

Members Absent:

S.No	Name	Designation	Signature	S.No	Name	Designation
1.	Sri. N. Bhaskara Reddy	Asst. Prof.	*Reddy*			
2.	Sri. M. ChinnaSanjeevaiah	Asst. Prof. KSRMCE	*M.C Sanjeevaiah*			
3.	Sri. K. Kasim Peera	Asst. Prof. KSRMCE	*K. Kasim Peera*			
4.	Dr. B. Srinivasulu	Prof. YVU				
5.	Dr. M. Rajesh					

Sri. N. Bhaskara Reddy, welcomed all the members to the meeting and presented the agenda of the meeting.
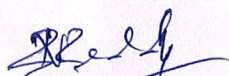
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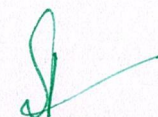|	To do item	Discussion	Resolution	Coordinator/in-charge
1	Approval of syllabus Under R18 Regulation Subjects: Management Science (EEE, ECE & CSE), & Organizational Behavior	The Chairman of BOS has presented the syllabus designed by the faculty of Management basing on AICTE syllabus after taking the feedback from all stakeholders and by comparing with premier institute syllabus.	The committee has approved the syllabus with modifications.\n\nIn the Unit-V of Organizational Behavior, the concepts of organizational change & development are excluded.	Sri. N. Bhaskara Reddy
2	Discussion and	The Chairman of BOS has presented the	The committee Suggested to include the	Sri. M. Chinna

	approval of course structure for R18 Regulations.	Course Structure (R18) designed by the faculty of Management after taking the feedback from all stakeholders and by comparing with premier institute syllabus	concept of Management thought mentioning few approaches to the management in the Unit-I of Management Science.	by Sanjeevaiah
3.	Discussion and approval syllabus for (R18).	The Chairman of BOS has presented the syllabus designed by the faculty of Management after taking the feedback from all stakeholders and by comparing with premier institute syllabus.	The committee also suggested to include the following: a) Unit-II of management science the term strategy is included. b) Unit-III of M & S the concept of maintenance of store records is excluded and remaining syllabus is approved as usual. c) In the subject Management Science (EEE) Unit-V is Included the concept of contemporary management practices.	Sri. K. Kasim Peera
4.	To finalize and approve the syllabus for Value Added Courses/Certificate Courses/Skill Courses.	The Chairman of BOS has presented the syllabus designed by the faculty of Management after taking the feedback from all stakeholders and by comparing with premier institute syllabus	The following references books are suggested: a) Essentials of Management, Koontz & Weihrich, 6/e TMH, 2005. b) Production & Operations Management, by Kanishka Bedi, Oxford University Press, 2004. c) Strategic Management, by Parnell, Biztantra, 2003. d) Management Science, by A. R. Arya Sree, Megraa Hills Publishers.	Dr. B. Srinivasulu

The Head of the Department has proposed the Vote of thanks and Concluded the meeting.

Convenor

HoD

UG Programs in Civil Engineering (R18 UG)
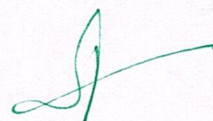
Curriculum

3rd Semester

Subject Code	Subject Category	Subject Title	L	T	P	IM	EM	CR
1823301	BSC	Biology for Engineers	2	0	0	30	70	2
1821302	BSC	Numerical Methods, Probability & Statistics	2	1	0	30	70	3
1803303	ESC	Basic Mechanical Engineering	2	1	0	30	70	3
1801304	PCC	Engineering Mechanics	3	1	0	30	70	4
1801305	PCC	Surveying and Geomatics	2	1	0	30	70	3
1801306	PCC	Building Materials and Construction	2	1	0	30	70	3
1801307	PCC	Computer Aided Civil Engineering Drawing Lab	0	0	4	50	50	2
1801308	PCC	Surveying and Geomatics Lab	0	0	2	50	50	1
1801309	PCC	Civil Engineering Workshop	0	0	2	50	50	1
		Total	13	5	8	330	570	22

4th Semester

Subject Code	Subject Category	Subject Title	L	T	P	IM	EM	CR
1825401	OEC 1	Managerial Economics & Financial Analysis	3	0	0	30	70	3
1824402	HSMC	Effective Technical Communication	2	1	0	30	70	3
1801403	PCC	Engineering Geology	2	0	0	30	70	2
1801404	PCC	Fluid Mechanics	3	1	0	30	70	4
1801405	PCC	Solid Mechanics – 1	3	1	0	30	70	4
1801406	PCC	Disaster Preparedness & Planning Management	2	0	0	30	70	2
18994M1	MC 1	Environmental Studies	2	0	0	30	0	0
1801407	PCC	Engineering Geology Lab	0	0	2	50	50	1
1801408	PCC	Fluid Mechanics Lab	0	0	3	50	50	1.5
1801409	PCC	Solid Mechanics Lab	0	0	3	50	50	1.5
		Total	17	3	8	360	570	22

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Head of Humanities & Sciences
K.S.R.M. College of Engineering
KADAPA - 516 005

Detailed Course Structure
Department of ECE

III Semester

S. No.	Subject Code	Subject	Category	L	T	P	IM	EM	Credits
1	1821301	Mathematics – III	BSC	3	1	0	30	70	4
2	1825307	Managerial Economics and Financial Analysis	HSMC	3	0	0	30	70	3
3	1804303	Electronic Devices and Circuits	EC	3	0	0	30	70	3
4	1804304	Digital System Design	EC	3	0	0	30	70	3
5	1804305	Signals And Systems	EC	3	0	0	30	70	3
6	1804306	Network Theory	EC	3	0	0	30	70	3
7	1805307	Python Programming	ESC	0	0	3	50	50	1.5
8	1804308	Electronic Devices and Circuits Lab	EC	0	0	3	50	50	1.5
9	18993M1	Environmental Science	MC	2	0	0	30		0
		Total:							22

IV Semester

S. No.	Subject Code	Subject	Category	L	T	P	IM	EM	Credits
1	1823401	Biology for Engineers	BSC	2	0	0	30	70	2
2	1804402	Probability Theory and Stochastic Processes	EC	3	0	0	30	70	3
3	1804403	Analog and Digital Circuits	EC	3	0	0	30	70	3
4	1804404	Control Systems	EC	3	0	0	30	70	3
5	1804405	Linear IC Applications	EC	3	0	0	30	70	3
6	1804406	Electromagnetic Theory and Transmission lines	EC	3	0	0	30	70	3
7	1804407	LABVIEW Programming Lab	ESC	0	0	3	50	50	1.5
8	1804408	Analog and Digital CircuitsLab	EC	0	0	3	50	50	1.5
9	1824410	Advanced English Communication Skills lab	HS	0	0	4	50	50	2
		Total:							22

Detailed Course Structure
COMPUTER SCIENCE AND ENGINEERING

III Semester

Subject Code	Subject Category	Course Name	L	T	P	IM	EM	CR
18993M1	MC	Environmental Science (Mandatory Course-1)	2	0	0	30	--	0
1804302	PN	Basics of Electronics Engineering	3	0	0	30	70	3
1805303	PCC	Data Structures	3	0	0	30	70	3
1805304	PCC	Discrete Mathematics	3	0	0	30	70	3
1805305	PCC	Digital Logic Design	3	0	0	30	70	3
1805306	PCC	Python Programming	3	0	0	30	70	3
1825307	HSMC	Managerial Economics and Financial Analysis	3	0	0	30	70	3
1814311	PN	Basics of Electronics Engineering Lab	0	0	2	50	50	1
1805309	PCC	Data Structures Lab	0	0	3	50	50	1.5
1805310	PCC	Python Programming Lab	0	0	3	50	50	1.5
		TOTAL	20	0	8	360	570	22

IV SEMESTER

Subject Code	Subject Category	Course Name	L	T	P	IM	EM	CR
1823401	BSC	Biology for Engineers	2	0	0	30	70	2
1821402	BSC	Probability & Statistics	3	0	0	30	70	3
1805403	PCC	Computer Organization	3	0	0	30	70	3
1805404	PCC	Operating Systems	3	0	0	30	70	3
1805405	PCC	Design and Analysis of Algorithms	3	0	0	30	70	3
1805406	PCC	Java Programming	3	0	0	30	70	3
1805407	PCC	Formal Languages and Automata Theory	3	0	0	30	70	3
1805408	PCC	Java Programming lab	0	0	2	50	50	1
1805410	PCC	Operating Systems Lab	0	0	2	50	50	1
		TOTAL	20	0	4	310	590	22

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Course Title	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS				B. Tech. CSE III SEM		
Course Code	Category	Hours/Week			Credits	Maximum Marks	
18252306	Humanities and Social sciences	L	T	P	C	Continuous Internal Assessment	End Exam	Total
		3	0	0	3	30	70	100
Mid Exam Duration: 2 Hrs					End Exam Duration : 3Hrs		

Course Objectives: The objective of the course is

- To equip the budding engineering student with an understanding of concepts and tools of economic analysis.
- Provide knowledge of managerial economics through differential economics
- An understanding of professional and ethical responsibility and ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- Recognition of the need for, and an ability to engage in life-long learning and to meet contemporary issues.

Course Outcomes: On successful completion of this course, the students will be able to

CO 1	Acquire knowledge in principles and concepts of managerial Economics and Accountancy
CO 2	Understand the Economic theories i.e., Demand, Production, Cost, Markets and Price.
CO 3	Describe different types of Markets and competition forms of organization and methods of pricing.
CO 4	Examine the profitability of various projects.
CO 5	Utilize tools and techniques to analyze and interpret the key parameters of financial performance.

UNIT – I: INTRODUCTION TO MANAGERIAL ECONOMICS

Definition, nature and scope of Managerial Economics –Demand analysis – Determinants, Law of Demand and its exceptions – Elasticity of Demand – Types and Measurement of Elasticity of Demand – Methods of Demand Forecasting (Statistical methods) – Supply Analysis.

UNIT – II: THEORY OF PRODUCTION AND COST ANALYSIS

Production Functions: Law of variable proportion, Isoquants and Isocost, least cost combination of inputs, Returns to Scale and Cobb- Douglas production function. Internal and external economies of scale.

Cost Analysis: Cost concepts – Break-Even Analysis (BEA) – Break Even Point – significance and limitations of BEA.

UNIT – III: INTRODUCTION TO MARKETS AND PRICING

Markets structures: Perfect and Imperfect competition – Features of Perfect Competition, Monopoly, Monopolistic Competition and Oligopoly. Price- Output determination under perfect competition, monopoly and monopolistic competition – Price rigidity in Oligopoly. Methods of pricing – cost plus pricing, marginal cost pricing, skimming pricing, penetration pricing, differential pricing and administrative pricing.

UNIT – IV: BUSINESS ORGINATIONS AND CAPITAL BUDGETING

Business Organizations: Types of business organizations- Sole Proprietorship, Partnership, Joint Stock Company, Public Ltd and Private Ltd companies, Public Private Partnership (PPP).

Capital Budgeting: Types of capital, methods and sources of raising Capital. Capital Budgeting Techniques: Payback Period Method, Accounting Rate of return (ARR) and Net Present Value Method (NPV) (simple problems).

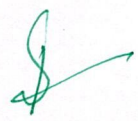## UNIT – V: FINANCIAL ACCOUNTING AND ANALYSIS

Double Entry Book keeping, Journal, Ledger, Trail Balance – Final Accounts (Preparation of Trading Account, Profit and Loss Account and Balance Sheet with simple adjustments). Analysis and interpretation of financial statements through ratios (Liquidity, Profitability and Activity Ratios) (Simple problems).

TEXT BOOKS:

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2. Prasad and K.V.Rao: Financial Accounting, jaibharth Publishers, Vijayawada.

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4. M.Sugunatha Reddy: Managerial Economics and Financial Analysis, Research India Publication, New Delhi, 2013.

5. Paul A Samuleson and William nordhaus : Economics, Oxford University Publications.

6. M L Jhingan : Micro Economics & Macro Economics, Vrinda Publications (P) Ltd.

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Course Title	MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS				B. Tech. CE IV SEM		
Course Code	Category	Hours/Week		Credits	Maximum Marks		
		L	T	P	C	Continuous Internal Assessment	End Exam	Total
18252401	Humanities and Social sciences	3	0	0	3	30	70	100
Mid Exam Duration: 2 Hrs					**End Exam Duration: 3Hrs**		

Course Objectives: The objective of the course is
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4. M.Sugunatha Reddy: Managerial Economics and Financial Analysis, Research India Publication, New Delhi, 2013.

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