K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU – 560 109

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Subject Allotment Details 2023-2024 (Odd Semester)

Third Semester (2022 Scheme)

Class Teacher: (Mrs. Madhusmita Mishra)

Subject	Faculty
Mathematics for AI & DS (BCS301)	Mr Sudhakar
Digital Design & Computer Organization (BCS302)	Mrs. Pavana H
Digital Design & Computer Organization Laboratory (BCS302)	Mrs. Pavana H/Mrs. Geetha P S
Operating Systems (BCS303)	MS. Harshitha H S
Operating Systems Laboratory (BAD303)	MS. Harshitha H S/ Mrs. Rajashree
Data Structures and Application (BCS304)	Mrs. Madhusmita Mishra
Data Structures Laboratory (BCSL305)	Mrs. Madhusmita Mishra/ Mr. Manjunath T K/ Ms. K Padmapriya
Social Connect and Responsibility (BSCK307)	Mrs. Madhusmita Mishra
National Service Scheme (BNSK359)	Ms. K Padmapriya
Physical Education (PE) (Sports and Athletics) (BPEK359)	Mrs. Rajashree
Yoga (BYOK359)	NA
Python Programming for AI & DS(BDS306B)	Mrs. Geetha P S
Python Programming for AI & DS Laboratory (BDS306B)	Mrs. Geetha P S/ Mrs. Madhusmita Mishra
Project Management with Git	Ms. K Padmapriya /Mr. Manjunath T K/ Mrs. Geetha P S

Fifth Semester (2021 Scheme)

Class Teacher: (Mrs. Pavana H)

Subject	Faculty
Automata Theory and compiler Design (21CS51)	Mr. Manjunath T K
Computer Networks (21CS52)	Mrs. Pavana H
Computer Networks Laboratory (21CS52)	Ms. Harshitha H S /Mrs. Rajashree
Database Management Systems (21CS53)	Ms. Padma Priya
Principles of Artificial Intelligence (21AI54)	Mrs. Rajashree
Database Management Systems Laboratory with Mini Project (21CSL55)	Ms. K Padmapriya/Mrs. P S Geetha
Research Methodology & Intellectual Property Rights (21RMI56)	Ms. Harshitha H S
Environmental Studies (21CIV57)	Ms. Ashwini
C# and .Net Framework Lab (21CS582)	Mrs. Rajashree/ Mrs. Madhusmita Mishra

Subject Allotment Details (Faculty Wise) 2023-2024

(Odd Semester)

Sl. No	Name of the Faculty	Subject Name	Semester	Workload Hrs./Week
1	Mr. Manjunath T K	Automata Theory and compiler Design(4 hr)	V	9
		Project Management with Git (2 hr)	III	
		Data Structures Lab(3 hr)	III	
2	Mrs. Pavana H	Digital Design & Computer Organization(4 hr)	III	13
		Digital Design & Computer Organization lab(3 hr)	III	
		Computer Networks(4 hr)	V	
		NSS(2 hr)	V	
3	Mrs. Madhusmita Mishra	Data Structures and Application(4 hr)	III	13
		C# and .Net Framework Lab (2 hr)	V	
		Data Structures Lab(3 hr)	III	
		Python Programming for DS lab(2 hr)	III	
		SCR(2 hr)	III	
4	Mrs. P S Geetha	Python Programming for DS(2 hr)	III	11
		Python Programming for DS lab(2 hr)	III	
		Database Management System Laboratory with Mini Project(3 hr)	V	
		Project Management with Git (2 hr)	III	
		Sports(2 hr)	V	
5	Ms. Harshitha H S	Operating Systems(4 hr)	III	11
		Operating Systems lab(2 hr)	III	
		Research Methodology & Intellectual Property Rights(2 hr)	V	
		Computer Networks lab(3 hr)	V	

6	Ms. Padma Priya	Database Management Systems(4 hr)	V	11
		Database Management System Laboratory with Mini Project(3 hr)	V	
		Project Management with Git (2 hr)	III	
		NSS(2 hr)	III	
7	Mrs. Rajashree	Principles of Artificial Intelligence(4 hr)	V	12
		C# and .Net Framework(2 hr)	V	
		Operating Systems lab(3 hr)	III	
		Computer Networks lab(3 hr)	V	

Head of Department

HOD
Dept. of Artificial Intelligence & Data Science
K.S. School of Engineering & Management
Bangalore - 560 109.

Principal

Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU – 560109

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS

Subject Allotment Details 2023-2024 (Odd Semester)

Third Semester (2022 Scheme)

Class Teacher: Mrs. Jayashree. L. K

Subject	Name of the Faculty
	Mr. Manohar
Digital Design & Computer Organization (BCS302)	Mr. Prashant Koparde
Digital Design & Computer Organization Laboratory (BCS302)	Mrs. Jayashree. L. K & Mr. Prashant Koparde
Operating Systems (BCS303)	Mrs. Frinkly Sathanga Shanija. T
Operating Systems Laboratory (BCS303)	Mr. Ramesh Babu. N & Mrs. Frinkly Sathanga Shanija.T
Data Structures and Application (BCS304)	Mrs. Jayashree L K
Data Structures Laboratory (BCSL305)	Mrs. Jayashree. L. K & Mr. Prashant Koparde
Social Connect and Responsibility (BSCK307)	Mrs. Jayashree. L. K & Mr. Prashant Koparde
NSS / PE /Yoga	
National Service Scheme (BNSK359)	Mrs. Frinkly Sathanga Shanija. T
Physical Education (PE) (Sports and Athletics) (BPEK359)	Mrs. Frinkly Sathanga Shanija. T
Yoga (BYOK359)	Mrs. Frinkly Sathanga Shanija. T
Engineering Science Course	
OOPS with Java (BCS306A)	Mr. Ramesh Babu. N
OOPS with Java Laboratory (BCS306A)	Mr. Ramesh Babu. N & Mrs. Frinkly Sathanga Shanija.T
Ability Enhancement Course – III	
Data Visualization with Python Laboratory (BCS358D)	Mr. Ramesh Babu. N & Mrs. Frinkly Sathanga Shanija.T

Faculty Work Load Details 2023-2024 (Odd Semester)

Sl. No	Name of the Faculty	Subject Name	Semester	Workload Hrs./Week	Total Hrs./Week
1	Mr. Ramesh Babu. N (RBN)	OOPS with Java (BCS306A)	3	4	11
		OOPS with Java Laboratory (BCS306A)	3	3	
		Data Visualization with Python Laboratory (BCS358D)	3	2	
		Operating Systems Laboratory (BCS303)	3	2	
2	Mrs. Jayashree. L. K (JLK)	Data Structures and Application (BCS304)	3	4	11
		Data Structures Laboratory (BCSL305)	3	3	
		Social Connect and Responsibility (BSCK307)	3	2	
		Digital Design & Computer Organization Laboratory (BCS302)	3	2	
3	Prashant Koparde (KP)	Digital Design & Computer Organization (BCS302)	3	4	11
		Digital Design & Computer Organization Laboratory (BCS302)	3	2	
		Social Connect and Responsibility (BSCK307)	3	2	
		Data Structures Laboratory (BCSL305)	3	3	
4	Mrs. Frinkly Sathanga Shanija. T (TFSS)	Operating Systems (BCS303)	3	4	11
		Operating Systems Laboratory (BCS303)	3	2	
		OOPS with Java Laboratory (BCS306A)	3	3	
		Data Visualization with Python Laboratory (BCS358D)	3	2	

NPU 06/12/23

Head of Department

HOD
DEPARTMENT OF
COMPUTER SCIENCE AND BUSINESS SYSTEMS
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT
BENGALURU-560109

Principal
Dr. K. RAMA NARASIMHA
Principal/Director
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Bengaluru - 560 109

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU – 560 109

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Subject Allotment Details 2023-2024 (Odd Semester)

Third Semester (2022 Scheme)

Class Teacher: 3A (Mrs. Kavitha K S) and 3B (Mrs. Bindu K P)

Subject	Section A	Section B
Mathematics for Computer Science (BCS301)	Mrs. Divya R	Dr. Lakshmi B
Digital Design & Computer Organization (BCS302)	Mrs. Jayashubha J	Ms. Nethravathi K G
Digital Design & Computer Organization Laboratory (BCS302)	Mrs. Jayashubha J Ms. Nethravathi K G	Ms. Nethravathi K G Mrs. Jayashubha J
Operating Systems (BCS303)	Mrs. Chhaya S Dule	Mrs. Chhaya S Dule
Operating Systems Laboratory (BCS303)	Mrs. Chhaya S Dule Mrs. Dakshayani G R	Mrs. Chhaya S Dule Mrs. Dakshayani G R
Data Structures and Application (BCS304)	Mrs. Kavitha K S	Mrs. Bindu K P
Data Structures Laboratory (BCSL305)	Mrs. Kavitha K S Mrs. Bindu K P	Mrs. Bindu K P Mrs. Kavitha K S
Social Connect and Responsibility (BSCK307)	Mrs. Amitha S	Mrs. Sougandhika Narayan
NSS / PE /Yoga		
National Service Scheme (BNSK359)	Mrs. Prasanna N	
Physical Education (PE) (Sports and Athletics) (BPEK359)	Mrs. Kavitha K S	
Yoga (BYOK359)	Mrs. Bindu K P	
Engineering Science Course		
OOPS with Java (BCS306A)	Mrs. Anujna M	Mrs. Anujna M
OOPS with Java Laboratory (BCS306A)	Mrs. Anujna M Mrs. Kavitha K S	Mrs. Anujna M Mrs. Chhaya S Dule
Ability Enhancement Course – III		
Data Visualization with Python Laboratory (BCS358D)	Mrs. Bindu K P Mrs. Jayashubha J	Mrs. Jayashubha J Mrs. Bindu K P

Fifth Semester (2021 Scheme)

Class Teacher: 5A (Mrs. Chandana V S) and 5B (Mrs. Sushmitha Suresh)

Subject	Section A	Section B
Automata Theory and compiler Design (21CS51)	Dr. K Venkata Rao	Dr. K Venkata Rao
Computer Networks (21CS52)	Mrs. Chandana V S	Mrs. Sushmitha Suresh
Computer Networks Laboratory (21CS52)	Mrs. Chandana V S Mrs. Sushmitha Suresh	Mrs. Sushmitha Suresh Mrs. Chandana V S
Database Management Systems (21CS53)	Mrs. Amitha. S	Mrs. Sougandhika Narayan
Artificial Intelligence and Machine Learning (21CS54)	Mrs. Deepashree N	Mrs. Deepashree N
Database Management Systems Laboratory with Mini Project (21CSL55)	Mrs. Amitha. S Mrs. Deepashree N	Mrs. Sougandhika Narayan Mrs. Deepashree N
Research Methodology & Intellectual Property Rights (21XX56)	Mrs. Sushmitha Suresh	Mrs. Meena G
Environmental Studies (21CIV57)	Mrs. Ashvini C	Mrs. Ashvini C
Ability Enhancement Course - V		
Angular JS and Node JS (21CSL581)	Mrs. Nita Meshram Ms. Nethravathi K G	Mrs. Nita Meshram Mrs. Dakshayani G R

Seventh Semester (2018 Scheme)

Class Teacher: 7A (Mrs. Belji. T) and 7B (Mrs. Supriya Suresh)

Subject	Section A	Section B
Artificial Intelligence and Machine Learning (18CS71)	Mrs. Belji. T	Mrs. Nagaveni B Nimbal
Big Data Analytics (18CS72)	Mrs. Supriya Suresh	Mrs. Supriya Suresh
User Interface Design (18CS734)	Mrs. Amitha. S	Mrs. Meena. G
Cryptography (18CS744)	Mrs. Sougandhika Narayan	Mrs. Nita Meshram
Energy and Environment (18ME751)	Mr. Parashuram	Mr. Parashuram
Artificial Intelligence and Machine Learning Laboratory (18CSL76)	Mrs. Belji.T Mrs. Nagaveni B Nimbal	Mrs. Nagaveni B Nimbal Mrs. Belji. T
Project Work Phase -1 (18CSP77)	Mrs. Supriya Suresh Mrs. Meena G	Mrs. Supriya Suresh Mrs. Meena G

Seventh Semester (2017 Scheme)

Class Teacher: 7B (Mrs. Supriya Suresh)

Subject	Section B
Web Technology and its applications (17CS71)	Mrs. Anujna M
Advanced Computer Architectures (17CS72)	Mrs. Chandana V S
Machine Learning (17CS73)	Mrs. Nagaveni B Nimbal
Information and Network Security (17CS743)	Mrs. Amitha S
Storage Area Networks (17CS754)	Mrs. Nita Meshram
Machine Learning Laboratory (17CSL76)	Mrs. Nagaveni B Nimbal Mrs. Belji. T
Web Technology Laboratory with mini project (17CSL77)	Mrs. Anujna M Ms. Nethravathi K G
Project Work Phase–I + Project work Seminar (17CSP78)	Mrs. Supriya Suresh Mrs. Meena G

First Semester (2022 Scheme)

Subject	Section- A CSE	Section- B CSE	Section- C AI & DS	Section- D Mech
Principles of Programming Using C (BPOPS103)	Ms. Ambuja K	Mrs. Prasanna N	Ms. Punitha M R	---
Principles of Programming Using C Laboratory (BPOPS103)	Ms. Ambuja K Ms. Punitha M R	Mrs. Prasanna N Ms. Ambuja K	Ms. Punitha M R Mrs. Prasanna N	---
Introduction to Internet of Things (IOT) (BETCK105H)	Ms. Punitha M R	Ms. Ambuja K	Mrs. Prasanna N	

Subject Allotment Details (Faculty Wise) 2023-2024 (Odd Semester)

Sl. No	Name of the Faculty	Subject Name	Semester	Section	Workload Hrs./Week
1	Dr. K. Venkata Rao	Automata Theory and compiler Design (21CS51)	5	A	8
		Automata Theory and compiler Design (21CS51)	5	B	
		Project Work Phase -1 (18CSP77)	7	------	
2	Mrs. Amitha S	User Interface Design (18CS734)	7	A	16.5
		Information and Network Security (17CS743)	7	Parallel Batch	
		Database Management Systems (21CS53)	5	A	
		Database Management Systems Laboratory with Mini Project (21CSL55)	5	A	
		Social Connect and Responsibility (BSCK307)	3	A	
		Project Work Phase -1 (18CSP77)	7	------	

3	Mrs. Sougandhika Narayan	Cryptography (18CS744)	7	A	13.5
		Database Management Systems (21CS53)	5	B	
		Database Management Systems Laboratory with Mini Project (21CSL55)	5	B	
		Social Connect and Responsibility (BSCK307)	3	B	
		Project Work Phase -1 (18CSP77)	7	------	
4	Mrs. Jayashubha J	Digital Design & Computer Organization (BCS302)	3	A	14
		Digital Design & Computer Organization Laboratory (BCS302)	3	A	
		Data Visualization with Python Laboratory (BCS358D)	3	B	
		Digital Design & Computer Organization Laboratory (BCS302)	3	B	
		Data Visualization with Python Laboratory (BCS358D)	3	A	
		Project Work Phase -1 (18CSP77)	7	------	
5	Mrs. Nagaveni B Nimbal	Artificial Intelligence and Machine Learning (18CS71)	7	B	13
		Artificial Intelligence and Machine Learning Laboratory (18CSL76)	7	A	
		Artificial Intelligence and Machine Learning Laboratory (18CSL76)	7	B	
		Machine Learning (17CS73)	7	Parallel Batch	
		Machine Learning Laboratory (17CSL76)	7	Parallel Batch	
		Project Work Phase -1 (18CSP77)	7	------	
6	Mrs. Nita Meshram	Cryptography (18CS744)	7	B	15
		Storage Area Networks (17CS754)	7	Parallel Batch	
		Angular JS and Node JS (21CSL581)	5	A	
		Angular JS and Node JS (21CSL581)	5	B	
		Project Work Phase -1 (18CSP77)	7	------	

7	Mrs. N Deepashree	Artificial Intelligence and Machine Learning (21CS54)	5	A	14.5
		Artificial Intelligence and Machine Learning (21CS54)	5	B	
		Database Management Systems Laboratory with Mini Project (21CSL55)	5	A	
		Database Management Systems Laboratory with Mini Project (21CSL55)	5	B	
8	Mrs. Dakshayani G R	Angular JS and Node JS (21CSL581)	5	B	6
		Operating Systems Laboratory (BCS303)	3	A	
		Operating Systems Laboratory (BCS303)	3	B	
9	Mrs. Supriya Suresh	Big Data Analytics (18CS72)	7	A	17
		Big Data Analytics (18CS72)	7	B	
		Project Work Phase -1 (18CSP77)	7	A & B	
		Project Work Phase–I + Project work Seminar (17CSP78)	7	Parallel Batch	
10	Mrs. Kavitha K S	Data Structures and Application (BCS304)	3	A	14.5
		Data Structures Laboratory (BCSL305)	3	A	
		Data Structures Laboratory (BCSL305)	3	B	
		OOPS with Java Laboratory (BCS306A)	3	A	
		Project Work Phase -1 (18CSP77)	7	------	

11	Mrs. Sushmitha Suresh	Computer Networks (21CS52)	5	B	17
		Computer Networks Laboratory (21CS52)	5	A	
		Computer Networks Laboratory (21CS52)	5	B	
		Research Methodology & Intellectual Property Rights (21XX56)	5	A	
		Project Work Phase -1 (18CSP77)	7	------	
12	Mrs. Meena G	User Interface Design (18CS734)	7	B	16
		Project Work Phase -1 (18CSP77)	7	A & B	
		Project Work Phase–I + Project work Seminar (17CSP78)	7	Parallel Batch	
		Research Methodology & Intellectual Property Rights (21XX56)	5	B	
13	Mrs. Chandana V S	Computer Networks (21CS52)	5	A	15
		Computer Networks Laboratory (21CS52)	5	A	
		Computer Networks Laboratory (21CS52)	5	B	
		Advanced Computer Architectures (17CS72)	7	Parallel Batch	
		Project Work Phase -1 (18CSP77)	7	------	
14	Ms. Ambuja K	Principles of Programming Using C (BPOPS103)	1	A	14
		Principles of Programming Using C Laboratory (BPOPS103)	1	A	
		Principles of Programming Using C Laboratory (BPOPS103)	1	B	
		Introduction to Internet of Things (IOT) (BETCK105H)	1	B	
		Project Work Phase -1 (18CSP77)	7	------	

15	Mrs. Prasanna N	Principles of Programming Using C (BPOPS103)	1	B	14
		Principles of Programming Using C Laboratory (BPOPS103)	1	B	
		Principles of Programming Using C Laboratory (BPOPS103)	1	C	
		Introduction to Internet of Things (IOT) (BETCK105H)	1	C & D	
		Project Work Phase -1 (18CSP77)	7	------	
16	Ms. Punitha M R	Principles of Programming Using C (BPOPS103)	1	C	14
		Principles of Programming Using C Laboratory (BPOPS103)	1	C	
		Principles of Programming Using C Laboratory (BPOPS103)	1	A	
		Introduction to Internet of Things (IOT) (BETCK105H)	1	A	
		Project Work Phase -1 (18CSP77)	7	-----	
17	Mrs. Belji T	Artificial Intelligence and Machine Learning (18CS71)	7	A	13
		Artificial Intelligence and Machine Learning Laboratory (18CSL76)	7	A	
		Artificial Intelligence and Machine Learning Laboratory (18CSL76)	7	B	
		Machine Learning Laboratory (17CSL76)	7	Parallel Batch	
		Project Work Phase -1 (18CSP77)	7	-----	
18	Mrs. Anujna M	OOPS with Java (BCS306A)	3	A	17.5
		OOPS with Java (BCS306A)	3	B	
		OOPS with Java Laboratory (BCS306A)	3	A	
		OOPS with Java Laboratory (BCS306A)	3	B	
		Web Technology and its applications (17CS71)	7	Parallel Batch	
		Web Technology Laboratory with mini project (17CSL77)	7	Parallel Batch	
		Project Work Phase -1 (18CSP77)	7	-----	

19	Mrs. Bindu K P	Data Structures and Application (BCS304)	3	B	16
		Data Structures Laboratory (BCSL305)	3	A	
		Data Structures Laboratory (BCSL305)	3	B	
		Data Visualization with Python Laboratory (BCS358D)	3	A	
		Data Visualization with Python Laboratory (BCS358D)	3	B	
		Project Work Phase -1 (18CSP77)	7	-----	
20	Ms. Nethravathi K G	Digital Design & Computer Organization (BCS302)	3	B	13.5
		Digital Design & Computer Organization Laboratory (BCS302)	3	A	
		Digital Design & Computer Organization Laboratory (BCS302)	3	B	
		Angular JS and Node JS (21CSL581)	5	A	
		Web Technology Laboratory with mini project (17CSL77)	7	Parallel batch	
		Project Work Phase -1 (18CSP77)	7	-----	
21	Mrs. Chhaya S Dule	Operating Systems (BCS303)	3	A	14
		Operating Systems (BCS303)	3	B	
		Operating Systems Laboratory (BCS303)	3	A	
		Operating Systems Laboratory (BCS303)	3	B	
		OOPS with Java Laboratory (BCS306A)	3	B	

Head of Department

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K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

BENGALURU-560109

DEPARTMENT OF CIVIL ENGINEERING

Ref: KSSEM/CE/06SA/2023-24

Date: 06/09/2023

CIRCULAR

All the faculty members are hereby informed to provide the subject preferences for the semester 2023-24 ODD semester in the attached sheet latest by 9th September, 2023.

Syllabus of different scheme is attached for your further information.

Head of the Department

Professor & Head
Dept. of Civil Engineering
K.S. Group of Institutions
K.S. School of Engineering & Management
Bangalore-560 062.

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT – 560 109
DEPARTMENT OF CIVIL ENGINEERING
Session 2023-2024 (ODD SEM)

Preferences for Subjects for UG

Sl. No	Name of the Faculty	Designation	I Sem	III Sem	V Sem	VII Sem	Signature
1	Dr.Vijayalakshmi Akella	Prof & Head			21CV56	18CV741	
2	Dr. Arekal Vijay	Professor		FSB BCV306D	GTE 21CV54 GTLAD 21CV654		
3	Veerendra Kumar M	Assc.Professor		EO BCV303	TE 21CV52	DRSS 18CV72	
4	Dr Rashmi H R	Assc.Professor		BCV302	21CV57	18CV732	
5	Amrutha D	Asst.Professor	BESCK104A	BCV301			
6	Naveena M P	Asst.Professor		BCV358I	21CV53		
7	Prashanth M	Asst.Professor		CABPD		GT Lab.	
8	Manjunath B	Asst.Professor					
9	Shashi Prasad N	Asst.Professor	BESCK104A	BCV302	21CV56		
10	Pallavi M	Asst.Professor	BESCK104A	21CV51	18CV732		

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT – 560 109
DEPARTMENT OF CIVIL ENGINEERING
Session 2023-2024 (ODD SEM)

Subject Allocation

BE I Semester

Course Code	Course Title	Faculty
BESCK104A	Introduction to Civil Engineering (ICE)	Amrutha D, Shashiprasad N, Pallavi M

BE III Semester (2022 Scheme)

Course Code	Course Title	Faculty
BCV301	Strength of Materials (SOM)	Mrs. Amrutha Dhiraj(AD)/Mr. Naveena M P (NMP)
BCV302 (IPCC)	Engineering Survey (ES) & (ES Lab)	Mr. Shashi Prasad N (SPN)
BCV303 (IPCC)	Engineering Geology (EG) & (EG Lab)	Mr. M Veerendra Kumar (MVK)/Mr. Shashi Prasad N (SPN)
BCV304	Water Supply and Waste Water Engineering (WSWWE)	Dr. Rashmi H R (RHR)
BCV305	Computer Aided Building Planning and Drawing (CAPD)	Mr. Prashanth M (PM)
BCV3064 (ESC)	Fire Safety in Buildings (FSB)	Dr. Arekal Vijay (AV)
BSCK307	Social Connect and Responsibility (SCR)	Mr. Prashanth M (PM)
BCV3581 (AEC)	Data analytics with Excel (DAE)	Mr. Naveena M P (NMP)
BNSK359 BPEK359 BYOK359	National Service Scheme/Physical Education/Yoga	

BE V Semester (2021 Scheme)

Course Code	Course Title	Faculty
21CV51	Hydrology and Water Resources Engineering (HWRE)	Mrs. Pallavi M (MP)
21CV52 (IPCC)	Transportation Engineering (TE) & (TE Lab)	Mr. M. Veerendra Kumar (MVK)/ Mrs. Amrutha D (AD)
21CV53	Design of RC Structural Elements(DRSE)	Mr. Manjunath B (MJ)
21CV54	Geotechnical Engineering(GT)	Dr. Arekal Vijay (AV)
21CVL55	Geotechnical Engineering Lab (GT Lab)	Dr. Arekal Vijay (AV)/Mr. Prashanth M (PM)
21CV56	Research Methodology & Intellectual Property Rights (RMIPR)	Dr. Vijayalakshmi Akella (VA)
21CIV57	Environmental studies (EVS)	Mrs. Ashwini E (AE)
21CV584 (AEC)	Quality Control and Quality Assurance (QCQA)	Mr. Prashanth M (PM)

BE VII Semester (18 Scheme)

Course Code	Course Title	Faculty
18CV71	Quality Surveying and Contract Management (QSCM)	Mr. Naveena M P (NMP)
18CV72	Design of RCC and Steel Structures (DRSS)	Mr. M. Veerendra Kumar (MVK)/Mr. Manjunath B (MJ)
18CV73X	**Professional Elective - 2**	
18CV731	Theory of Elasticity	
18CV732	Air Pollution and Control (APC)	Mrs. Pallavi M (MP)
18CV733	Pavement Materials & Construction	
18CV734	Ground Water Hydraulics	
18CV735	Masonry Structures	
18CV74X	**Professional Elective - 3**	
18CV741	Earthquake Engineering (EE)	Dr. Vijayalakshmi Akella (VA)
18CV742	Design Concepts of Building Services	
18CV743	Reinforced Earth Structures	
18CV744	Design of Hydraulic Structures	
18CV745	Urban Transport Planning	
18CV75X	**Open Elective -B**	
18CV751	Finite Element Method	
18CV752	Numerical Methods and Applications	
18CV753	Environmental Protection and Management (EPM)	Dr. Rashmi H R
18CVL76	Computer Aided Detailing of Structures (CAD)	Naveena M P
18CVL77	Geotechnical Engineering Laboratory (GT Lab)	Mr. Manjunath B (MJ)/ Dr. Rashmi H R (RHR)
18CVP78	Project Work Phase - 1	Mrs. Amrutha D (AD) (CO-ORDINATOR)

Subjects Allotment (Faculty-wise) - UG

Sl. No	Name of the Faculty	Designation	I Sem	III Sem	V Sem	VII Sem	Signature
1	Dr.Vijayalakshmi Akella	Prof & Head			**RMIPR (21CV56)**	**EE (18CV741)**	
2	Dr. Arekal Vijay	Professor		**FSB (BCV306D)**	**GT (21CV54) GT LAB (21CVL55)**		
3	Veerendra Kumar M	Assc.Professor		**EG (BCV303)**	**TE (21CV52)**	**DRSS (18CV72)**	
4	Dr Rashmi H R	Assc.Professor		**WSWWE (BCV304) WHM (BME306D)**		**EPM (18CV753) GT LAB (18CVL77)**	
5	Amrutha D	Asst.Professor	**ICE (BESCK104A)**	**SOM (BCV301)**	**TE LAB (21CV52)**		

6	Naveena M P	Asst.Professor		SOM (BCV301)	DAE (BCV358A)	QSCM (18CV71) CAD LAB (18CVL76)	
7	Prashanth M	Asst.Professor		CAPD (BCV305) SCR (BSCK307)	GT LAB (21CVL55) QCQA (21CV584)		
8	Manjunath B	Asst.Professor			DRSE (21CV53)	DRSS (18CV72) GT LAB (18CVL77)	
9	Shashi Prasad N	Asst.Professor	ICE (BESCK104A)	ES (BCV302) EG LAB (BCV303)			
10	Pallavi M	Asst.Professor	ICE (BESCK104A)		HWRE (21CV51)	APC (18CV732)	

KSSEM

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT – 560 109
DEPARTMENT OF CIVIL ENGINEERING
Session 2023-2024 (ODD SEM)

Additional Responsibilities

Sl.No	Responsibility	Faculty (Coordinator)	Signature
1	Time Table	Manjunath B	
2	Internal (Test)	Naveena M P/ Shashiprasad N	
3	Website	Naveena M P/ Shashiprasad N	
4	News Letter	Amrutha D	
5	Proctor	All faculty	
6	PTM	Dr. Vijayalakshmi Akella	
7	Budget	Dr. Vijayalakshmi Akella	
8	Industry Visit	Prashanth M	
9	Placement Co-ordinator	Manjunath B	
10	IQAC	Dr. Arekal Vijay	
11	Project Coordinator	Amrutha D	
12	Internship Coordinator	Naveena M P	
13	NAAC Coordinator	All faculty	

Class Teachers

Semester	Faculty	Signature
III SEM	Naveena M P	
V SEM	Manjunath B	
VII SEM	Dr. Rashmi H R	

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT – 560 109

DEPARTMENT OF CIVIL ENGINEERING

Faculty Work Load (ODD SEM)

Sl. No	Name of the Faculty	Designation	Subject-I	Subject-II	Subject-III	Laboratory / Subject IV	Responsibility	Workload				
								T	L	E	TOTAL (hrs)	TOTAL (Units)
1	Dr.Vijayalakshmi Akella	Prof & Head	EE (18CV741	RMIPR (21CV56)			Head of dept., PTM, Proctor, Budget, Project Guide	6		3	9	15
2	Dr. Arekal Vijay	Professor	GT (21CV54)	FSB (BCV306D)		GT LAB (21CVL55)	Research Guide, IQAC Coordinator, Project Guide,	7	6	3	16	23
3	Veerendra Kumar M	Assc. Professor	DRSS (18CV72)	TE (21CV52)	EG (BCV303)		Project Guide, NAAC Coordinator	11		3	14	25
4	Dr Rashmi H R	Assc. Professor	EPM (18CV753)	WSWWE (BCV304) WHM	WHM (BME306D)	GT LAB (18CVL77)	Class In-charge VII sem, NAAC Coordinator, Project Guide, Library coordinator,	9	6	3	18	27
5	Amrutha D	Asst. Professor	SOM (BCV301)	ICE (BESCK104A)		TE LAB (21CV52)	NAAC Coordinator, Project Guide, Newsletter coordinator, Project coordinator	7	6	3	16	23
6	Naveena M P	Asst. Professor	QSCM (18CV71)	DAE (BCV358A)	SOM (BCV301)	CAD LAB (18CVL76)	Class In-charge III sem, NAAC Coordinator, Project Guide, Test Coordinator, Website Coordinator	9	6	3	18	27
7	Prashanth M	Asst. Professor	QCQA (21CV584)	SCR (BSCK307)	CAPD (BCV305)	GT LAB (21CVL55)	Industrial Visit Coordinator, NAAC Coordinator, Project Guide	5	12	3	20	25
8	Manjunath B	Asst. Professor	DRSS (18CV72)	DRSE (21CV53)		GT LAB (18CVL77)	NAAC Coordinator, Project Guide, Class In-charge V sem, Placement Coordinator, Time table coordinator	8	6	3	17	25
9	Shashi Prasad N	Asst. Professor	ICE (BESCK104A)	ES (BCV302		EG LAB (BCV303)	NAAC Coordinator, Project Guide, Test Coordinator, Website Coordinator	9	6	3	18	27
10	Pallavi M	Asst. Professor	ICE (BESCK104A)	HWRE (21CV51)	APC (18CV732)		NAAC Coordinator, Project Guide, Proctor	11		3	14	25

Signature of HOD

Professor & Head
Dept. of Civil Engineering
K.S. Group of Institutions
K.S. School of Engineering & Management
Bangalore-560 062.

Dr. K. RAMA NARASIMHA
Principal/Director
K.S. School of Engineering and Management
Bangaluru - 560 109

Signature of Principal

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

Department of Electronics and Communication Engineering

Date: 18/08/2023

CIRCULAR

Elective subject Preferences for ODD semester September-Jan 2023-2024

All the students of VI semester are hereby informed to provide the elective subject preferences for upcoming VII semester in the Google sheet on or before 31st August 2023.

A separate Google form will be shared for both open elective and Professional elective subjects after introduction class.

Coordinator 18/08/23

HOD, ECE 18/8/23

Professor & Head
Dept. of Electronics & Communication Engineering
K.S. School of Engineering & Management
Bangalore - 560 109.

Enclosed:
List of Elective subjects from VTU

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT - 560 062

CIRCULAR

Date: 02/08/2023

All the students are hereby informed that following are the open elective course offered by the departments for the semester 2023-24 Odd semester.

Department	Course offered		Faculty name
	Subject code	Subject name	
Department of Civil Engineering	18CV753	Environmental protection and management.	Dr Rashmi H R
Department of Mechanical Engineering	18ME751	Energy and Environment	Mr Parashuram A K
Department of Computer science	18CS752	Phython application programming	Mrs. Jayasubha J Mrs. Nagaveni B Nimbal Mrs. Nita Meshram
Department of Electronics and communication	18EC751	Communication theory	Mrs Bhargawi vijendra sangam

Students are directed to register for anyone of the above electives other than offered from this parent department. The registration is to be done on or before 26 August 2023 in the parent department.

Syllabus is attached for your further information.

Principal
Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109
3/8/23

CC: Department of Civil Engineering
Department of Mechanical Engineering
Department of Computer science
Department of Electronics and communication

B. E. CIVIL ENGINEERING
Choice Based Credit System (CBCS) and Outcome Based Education (OBE)
SEMESTER - VII

ENVIRONMENTAL PROTECTION AND MANAGEMENT

Course Code	**18CV753**	CIE Marks	40
Teaching Hours/Week(L:T:P)	(3:0:0)	SEE Marks	60
Credits	03	Exam Hours	03

Course Learning Objectives: This course will enable students to gain knowledge in Environmental protection and Management systems

Module -1

Environmental Management Standards: Unique Characteristics of Environmental Problems - Systems approach to Corporate environmental management - Classification of Environmental Impact Reduction Efforts - Business Charter for Sustainable Production and Consumption – Tools, Business strategy drivers and Barriers - Evolution of Environmental Stewardship. Environmental Management Principles - National policies on environment, abatement of pollution and conservation of resources - Charter on Corporate responsibility for Environmental protection.

Module -2

Environmental Management Objectives: Environmental quality objectives – Rationale of Environmental standards: Concentration and Mass standards, Effluent and stream standards, Emission and ambient standards, Minimum national standards, environmental performance evaluation: Indicators, benchmarking. Pollution control Vs Pollution Prevention - Opportunities and Barriers – Cleaner production and Clean technology, closing the loops, zero discharge technologies.

Module -3

Environmental Management System: EMAS, ISO 14000 - EMS as per ISO 14001– benefits and barriers of EMS – Concept of continual improvement and pollution prevention - environmental policy – initial environmental review – environmental aspect and impact analysis – legal and other requirements- objectives and targets – environmental management programs – structure and responsibility – training awareness and competence- communication – documentation and document control – operational control – monitoring and measurement – management review.

Module -4

Environmental Audit: Environmental management system audits as per ISO 19011- – Roles and qualifications of auditors - Environmental performance indicators and their evaluation – Non conformance – Corrective and preventive actions -compliance audits – waste audits and waste minimization planning – Environmental statement (form V) - Due diligence audit.

Module -5

Applications: Applications of EMS, Waste Audits and Pollution Prevention Control: Textile, Sugar, Pulp & Paper, Electroplating, , Tanning industry. Hazardous Wastes - Classification, characteristics Treatment and Disposal Methods, Transboundary movement, disposal.

Course outcomes: After studying this course, students will be able to:

1. Appreciate the elements of Corporate Environmental Management systems complying to international environmental management system standards.
2. Lead pollution prevention assessment team and implement waste minimization options.
3. Develop, Implement, maintain and Audit Environmental Management systems for Organizations.

Question paper pattern:

- The question paper will have ten full questions carrying equal marks.
- Each full question will be for 20 marks.
- There will be two full questions (with a maximum of four sub- questions) from each module.
- Each full question will have sub- question covering all the topics under a module.
- The students will have to answer five full questions, selecting one full question from each module.

Reference Books:

1. Christopher Sheldon and Mark Yoxon, "Installing Environmental management Systems – a step by step guide" Earthscan Publications Ltd, London, 1999.
2. ISO 14001/14004: Environmental management systems – Requirements and Guidelines – International

Organisation for Standardisation, 2004
3. ISO 19011: 2002, "Guidelines for quality and/or Environmental Management System auditing, Bureau of Indian Standards, New Delhi, 2002
4. Paul L Bishop „Pollution Prevention: Fundamentals and Practice, McGraw- Hill International, Boston, 2000.
5. Environmental Management Systems: An Implementation Guide for Small and Medium-Sized Organizations, Second Edition, NSF International, Ann Arbor, Michigan, January 2001.

B. E. MECHANICAL ENGINEERING
Choice Based Credit System (CBCS) and Outcome Based Education (OBE)
Open Elective-B (Semester VII)

ENERGY AND ENVIRONMENT

Course Code	**18ME751**	CIE Marks	40
Teaching Hours / Week (L:T:P)	3:0:0	SEE Marks	60
Credits	03	Exam Hours	03

Course Learning Objectives:

- To understand the fundamentals of energy sources, energy use, energy efficiency, and resulting environmental implications of various energy supplies.
- To introduce various aspects of environmental pollution and its control.
- To understand the causes and remedies related to social issues like global warming, ozone layer depletion, climate change etc.
- To introduce various acts related to prevention and control of pollution of water and air, forest protection act, wild life protection act etc.

Module-1

Basic Introduction to Energy: Energy and power, forms of energy, primary energy sources, energy flows, world energy production and consumption, Key energy trends in India: Demand, Electricity, Access to modern energy, Energy production and trade, Factors affecting India's energy development: Economy and demographics Policy and institutional framework, Energy prices and affordability, Social and environmental aspects, Investment.

Module-2

Energy storage systems: Thermal energy storage methods, Energy saving, Thermal energy storage systems
Energy Management: Principles of Energy Management, Energy demand estimation, Energy pricing
Energy Audit: Purpose, Methodology with respect to process Industries, Characteristic method employed in Certain Energy Intensive Industries

Module-3

Environment: Introduction, Multidisciplinary nature of environmental studies- Definition, scope and importance, Need for public awareness.
Ecosystem: Concept, Energy flow, Structure and function of an ecosystem. Food chains, food webs and ecological pyramids, Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystems, Ecological succession.

Module-4

Environmental Pollution: Definition, Cause, effects and control measures of - Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution and Nuclear hazards, Solid waste Management, Disaster management Role of an individual in prevention of pollution, Pollution case studies.

Module-5

Social Issues and the Environment: Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case Studies. Wasteland reclamation, Consumerism and waste products, Environment Protection Act, Air (Prevention and Control of Pollution) Act, Water (Prevention and control of Pollution) Act, Wildlife Protection Act, Forest Conservation Act, Issues involved in enforcement of environmental legislation.

Group assignments:
Assignments related to e-waste management; Municipal solid waste management; Air pollution control systems; Water treatment systems; Wastewater treatment plants; Solar heating systems; Solar power plants; Thermal power plants; Hydroelectric power plants; Biofuels; Environmental status assessments; Energy status assessments etc.

Course Outcomes: At the end of the course, the student will be able to:

CO1: Understand energy scenario, energy sources and their utilization.
CO2: Understand various methods of energy storage, energy management and economic analysis.
CO3: Analyse the awareness about environment and eco system.
CO4: Understand the environment pollution along with social issues and acts.

Question paper pattern:

- The question paper will have ten full questions carrying equal marks.
- Each full question will be for 20 marks.
- There will be two full questions (with a maximum of four sub- questions) from each module.
- Each full question will have sub- question covering all the topics under a module.
- The students will have to answer five full questions, selecting one full question from each module.

Sl. No.	Title of the Book	Name of the Author/s	Name of the Publisher	Edition and Year
Textbook/s				
1	Textbook for Environmental Studies for Undergraduate Courses of all Branches of Higher Education		University grant commission and Bharathi Vidyapeeth Institute of environment education and Research, Pune	
2	Energy Management Audit & Conservation- for Module 2	Barun Kumar De	Vrinda Publication	2nd Edition 2010
Reference Books				
1	Energy Management Hand book	Turner, W. C., Doty, S. and Truner, W. C	Fairmont Press	7th Edition 2009
2	Energy Management	Murphy, W. R	Elsevier	2007
3	Energy Management Principles	Smith, C. B	Pergamum	2007
4	Environment pollution control Engineering	C S Rao	New Age International	reprint 2015, 2nd edition
5	Environmental studies	Benny Joseph	Tata McGraw Hill	2nd edition 2008

PYTHON APPLICATION PROGRAMMING
(OPEN ELECTIVE)
(Effective from the academic year 2018 -2019)
SEMESTER – VI

Course Code	**18CS752**	**IA Marks**	40
Number of Lecture Hours/Week	3:0:0	**Exam Marks**	60
Total Number of Lecture Hours	40	**Exam Hours**	03

CREDITS – 03

Course Learning Objectives: This course (18CS752) will enable students to

- Learn Syntax and Semantics and create Functions in Python.
- Handle Strings and Files in Python.
- Understand Lists, Dictionaries and Regular expressions in Python.
- Implement Object Oriented Programming concepts in Python
- Build Web Services and introduction to Network and Database Programmingin Python.

Module – 1	**Teaching Hours**
Why should you learn to write programs, Variables, expressions and statements, Conditional execution, Functions **Textbook 1: Chapters 1 – 4** **RBT: L1, L2, L3**	08
Module – 2	
Iteration, Strings, Files **Textbook 1: Chapters 5– 7** **RBT: L1, L2, L3**	08
Module – 3	
Lists, Dictionaries, Tuples, Regular Expressions **Textbook 1: Chapters 8 - 11** **RBT: L1, L2, L3**	08
Module – 4	
Classes and objects, Classes and functions, Classes and methods **Textbook 2: Chapters 15 – 17** **RBT: L1, L2, L3**	08
Module – 5	
Networked programs, Using Web Services, Using databases and SQL **Textbook 1: Chapters 12– 13, 15** **RBT: L1, L2, L3**	08

Course Outcomes: After studying this course, students will be able to

- Examine Python syntax and semantics and be fluent in the use of Python flow control and functions.
- Demonstrate proficiency in handling Strings and File Systems.
- Create, run and manipulate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions.
- Interpret the concepts of Object-Oriented Programming as used in Python.
- Implement exemplary applications related to Network Programming, Web Services and Databases in Python.

Question paper pattern:

- The question paper will have ten questions.
- Each full Question consisting of 20 marks

- There will be 2 full questions (with a maximum of four sub questions) from each module.
- Each full question will have sub questions covering all the topics under a module.
- The students will have to answer 5 full questions, selecting one full question from each module.

Text Books:

1. Charles R. Severance, **"Python for Everybody: Exploring Data Using Python 3",** 1st Edition, CreateSpace Independent Publishing Platform, 2016. (http://do1.dr-chuck.com/pythonlearn/EN_us/pythonlearn.pdf)
2. Allen B. Downey, **"Think Python: How to Think Like a Computer Scientist",** 2nd Edition, Green Tea Press, 2015. (http://greenteapress.com/thinkpython2/thinkpython2.pdf) (Download pdf files from the above links)

Reference Books:

1. Charles Dierbach, **"Introduction to Computer Science Using Python",** 1st Edition, Wiley India Pvt Ltd, 2015. ISBN-13: 978-8126556014
2. Gowrishankar S, Veena A, **"Introduction to Python Programming",** 1st Edition, CRC Press/Taylor & Francis, 2018. ISBN-13: 978-0815394372
3. Mark Lutz, **"Programming Python",** 4th Edition, O'Reilly Media, 2011.ISBN-13: 978-9350232873
4. Roberto Tamassia, Michael H Goldwasser, Michael T Goodrich, **"Data Structures and Algorithms in Python",** 1st Edition, Wiley India Pvt Ltd, 2016. ISBN-13: 978-8126562176
5. Reema Thareja, **"Python Programming Using Problem Solving Approach",** Oxford university press, 2017. ISBN-13: 978-0199480173

COMMUNICATION THEORY
VII SEMESTER – Open Elective-B
[As per Choice Based Credit System (CBCS) scheme]

Course Code	**18EC751**	CIE Marks	40
Number of Lecture Hours/Week (L:T:P)	03	SEE Marks	60
CREDITS	03	Exam Hours	03

Course objectives: This course will enable students to:
- Describe essential elements of an electronic communications.
- Understand Amplitude, Frequency & Phase modulations, and Amplitude demodulation.
- Explain the basics of sampling and quantization.
- Understand the various digital modulation schemes.
- The concepts of wireless communication.

Module -1

Introduction to Electronic Communications: Historical perspective, Electromagnetic frequency spectrum, signal and its representation, Elements of electronic communications system, primary communication resources, signal transmission concepts, Analog and digital transmission, Modulation, Concept of frequency translation, Signal radiation and propagation **(Text 1: 1.1 to1.10)**

Module -2

Noise: Classification and source of noise **(TEXT1:3.1)**
Amplitude Modulation Techniques: Types of analog modulation, Principle of amplitude modulation, AM power distribution, Limitations of AM, **(TEXT 1: 4.1,4.2, 4.4, 4.6)**
Angle Modulation Techniques: Principles of Angle modulation, Theory of FM-basic Concepts, Theory of phase modulation **(TEXT1: 5.1,5.2, 5.5)**
Analog Transmission and Reception: AM Radio transmitters, AM Radio Receivers **(TEXT1:6.1,6.2)**

Module -3

Sampling Theorem and pulse Modulation Techniques: Digital Versus analog Transmissions, Sampling Theorem, Classification of pulse modulation techniques, PAM, PWM, PPM, PCM, Quantization of signals **(TEXT 1: 7.1 to 7.8)**

Module -4

Digital Modulation Techniques: Types of digital Modulation, ASK,FSK,PSK,QPSK **(TEXT 1: 9.1 to 9.5)**
Source and Channel Coding: Objective of source coding, source coding technique, Shannon's source coding theorem, need of channel coding, Channel coding theorem, error control and coding **(TEXT 1: 11.1 to 11.3, 11.8, 11.9,11.12)**

Module -5

Evolution of wireless communication systems: Brief History of wireless communications, Advantages of wireless communication, disadvantages of wireless communications, wireless network generations, Comparison of wireless systems, Evolution of next-generation networks, Applications of wireless communication**(TEXT 2: 1.1 to 1.7)**
Principles of Cellular Communications: Cellular terminology, Cell structure and Cluster, Frequency reuse concept, Cluster size and system capacity, Method of locating cochannel cells, Frequency reuse distance**(TEXT 2: 4.1 to 4.7)**

Course Outcomes: At the end of the course, students will be able:
- Describe operation of communication systems.
- Understand the techniques of Amplitude and Angle modulation.
- Understand the concept of sampling and quantization.
- Understand the concepts of different digital modulation techniques.
- Describe the principles of wireless communications system.

Question paper pattern:
- Examination will be conducted for 100 marks with question paper containing 10 full questions, each of 20 marks.
- Each full question can have a maximum of 4 sub questions.
- There will be 2 full questions from each module covering all the topics of the module.
- Students will have to answer 5 full questions, selecting one full question from each module.

Text Books:

1. Analog and Digital Communications by T L Singal, McGraw Hill Education (India) Private Limited.
2. Wireless Communications by T L Singal, McGraw Hill Education (India) Private Limited.

Reference Books:

1. **Modern digital and analog Communication systems** B. P. Lathi, Oxford University Press., 4th ed, 2010,
2. **Communication Systems**: Analog and Digital, R.P.Singh and S.Sapre: TMH 2nd edition, 2007
3. **Introduction to wireless telecommunications systems and networks** by Gray J Mullett, Cengage learning.

K S School of Engineering and Management

Department of Electronics and Communication Engineering

Open Elective list

List of ECE students opted open elective offered from Dept. of Civil Engineering

Subject with code: 18CV753-Environmental Protection and Management(Open Elective-B)

Sl.No	Name of the student	USN	Contact No.
1	Mohammed Junaid M Guddad	1KG19EC061	7338644452
2	A Harshath	1KG20EC001	9392655068
3	A. Yuvasree	1KG20EC002	8341356642
4	Adusumalli Rohith	1KG20EC003	9573721563
5	Akshatha.S	1KG20EC004	7204378803
6	Athish Naveen	1KG20EC005	7406433565
7	Chaitra L	1KG20EC006	7892524925
8	Chandana R	1KG20EC007	8660642156
9	Dhanya Deepika	1KG20EC008	7995481006
10	G Neeraj	1KG20EC010	6309471245
11	Pooja Gudivada	1KG20EC011	6303125962
12	G Jyothiswar Reddy	1KG20EC012	9347338060
13	Gudi.Bharathkumar	1KG20EC013	6300973201
14	K.Gowtham	1KG20EC014	9381132067
15	K Jaswanth Chowdary	1KG20EC015	9347889339
16	Kishore Kumar M	1KG20EC016	9360906516
17	Koushik	1KG20EC017	6363514910
18	Kuche Raviteja	1KG20EC018	9182920622
19	M B Hemanth	1KG20EC019	9242401965
20	M Lokesh	1KG20EC020	9345491405
21	Makkena Hemanth	1KG20EC021	9502740830
22	Malepati Kaivalya	1KG20EC022	9154380288
23	Mannam Vandana	1KG20EC023	9535645252
24	N S Banuprasad	1KG20EC024	8903045583
25	Narra Bhaskar Naidu	1KG20EC025	9391601206
26	Narra Siri	1KG20EC026	7013644471
27	Neha Kumari . S	1KG20EC027	7275015752
28	Nishanth N	1KG20EC028	7892398842
29	Nithin G N	1KG20EC029	8123510112
30	P Haritha	1KG20EC030	9030203517
31	Pooja R	1KG20EC031	9113051430
32	Pothugunta Sai Kethan Chowdary	1KG20EC032	8639590409
33	Punith P	1KG20EC033	8197389889
34	R Parthiban	1KG20EC034	7406024648
35	Raghavendra C	1KG20EC035	9380396663
36	Rakshitha M	1KG20EC036	6363962749
37	Sachin.R	1KG20EC037	7483657379
38	Sadhana Hd	1KG20EC038	9686532697
39	Saliseemala Uma Chowdary	1KG20EC039	6302373732
40	Saliseemala Usha Chowdary	1KG20EC040	9390901895

41	Suprith R	1KG20EC042	8310199242
42	Tanuja N	1KG20EC043	7204777967
43	Tejashree M	1KG20EC044	8951874952
44	Ujwala H S	1KG20EC045	7411444306
45	Uma.C	1KG20EC046	8884290057
46	V Sasidhar	1KG20EC047	8341671736
47	Yashaswini R	1KG20EC048	9663110823
48	Nishanth Gowda M	1KG21EC400	8123073468
49	Swamy M	1KG21EC401	8217038475

Signature of Coordinator

HOD

Professor & Head
Dept. of Electronics & Communication Engineering
K.S. School of Engineering & Management
Bangalore - 560 109.

K S School of Engineering and Management

Department of Electronics and Communication Engineering

Open Elective list

List of ECE students opted Professional elective offered from Dept. of ECE

Subject with code: 18EC732-Satallite Communication(Professional Elective-2)

Sl.No	Name of the student	USN	Contact No.
1	Mohammed Junaid M Guddad	1KG19EC061	7338644452
2	A Harshath	1KG20EC001	9392655068
3	A. Yuvasree	1KG20EC002	8341356642
4	Adusumalli Rohith	1KG20EC003	9573721563
5	Akshatha.S	1KG20EC004	7204378803
6	Athish Naveen	1KG20EC005	7406433565
7	Chaitra L	1KG20EC006	7892524925
8	Chandana R	1KG20EC007	8660642156
9	Dhanya Deepika	1KG20EC008	7995481006
10	G Neeraj	1KG20EC010	6309471245
11	Pooja Gudivada	1KG20EC011	6303125962
12	G Jyothiswar Reddy	1KG20EC012	9347338060
13	Gudi.Bharathkumar	1KG20EC013	6300973201
14	K.Gowtham	1KG20EC014	9381132067
15	K Jaswanth Chowdary	1KG20EC015	9347889339
16	Kishore Kumar M	1KG20EC016	9360906516
17	Koushik	1KG20EC017	6363514910
18	Kuche Raviteja	1KG20EC018	9182920622
19	M B Hemanth	1KG20EC019	9242401965
20	M Lokesh	1KG20EC020	9345491405
21	Makkena Hemanth	1KG20EC021	9502740830
22	Malepati Kaivalya	1KG20EC022	9154380288
23	Mannam Vandana	1KG20EC023	9535645252
24	N S Banuprasad	1KG20EC024	8903045583
25	Narra Bhaskar Naidu	1KG20EC025	9391601206
26	Narra Siri	1KG20EC026	7013644471
27	Neha Kumari . S	1KG20EC027	7275015752
28	Nishanth N	1KG20EC028	7892398842
29	Nithin G N	1KG20EC029	8123510112
30	P Haritha	1KG20EC030	9030203517
31	Pooja R	1KG20EC031	9113051430
32	Pothugunta Sai Kethan Chowdary	1KG20EC032	8639590409
33	Punith P	1KG20EC033	8197389889
34	R Parthiban	1KG20EC034	7406024648
35	Raghavendra C	1KG20EC035	9380396663
36	Rakshitha M	1KG20EC036	6363962749
37	Sachin.R	1KG20EC037	7483657379
38	Sadhana Hd	1KG20EC038	9686532697
39	Saliseemala Uma Chowdary	1KG20EC039	6302373732
40	Saliseemala Usha Chowdary	1KG20EC040	9390901895

41	Suprith R	1KG20EC042	8310199242
42	Tanuja N	1KG20EC043	7204777967
43	Tejashree M	1KG20EC044	8951874952
44	Ujwala H S	1KG20EC045	7411444306
45	Uma.C	1KG20EC046	8884290057
46	V Sasidhar	1KG20EC047	8341671736
47	Yashaswini R	1KG20EC048	9663110823
48	Nishanth Gowda M	1KG21EC400	8123073468
49	Swamy M	1KG21EC401	8217038475

Signature of Coordinator

HOD

Professor & Head
Dept. of Electronics & Communication Engineering
K.S. School of Engineering & Management
Bangalore - 560 109.

K S School of Engineering and Management

Department of Electronics and Communication Engineering

Open Elective list

List of ECE students opted Professional elective offered from Dept. of ECE

Subject with code: 18EC743-Multimedia Communication(Professional Elective-3)

Sl.No	Name of the student	USN	Contact No.
1	Mohammed Junaid M Guddad	1KG19EC061	7338644452
2	A Harshath	1KG20EC001	9392655068
3	A. Yuvasree	1KG20EC002	8341356642
4	Adusumalli Rohith	1KG20EC003	9573721563
5	Akshatha.S	1KG20EC004	7204378803
6	Athish Naveen	1KG20EC005	7406433565
7	Chaitra L	1KG20EC006	7892524925
8	Chandana R	1KG20EC007	8660642156
9	Dhanya Deepika	1KG20EC008	7995481006
10	G Neeraj	1KG20EC010	6309471245
11	Pooja Gudivada	1KG20EC011	6303125962
12	G Jyothiswar Reddy	1KG20EC012	9347338060
13	Gudi.Bharathkumar	1KG20EC013	6300973201
14	K.Gowtham	1KG20EC014	9381132067
15	K Jaswanth Chowdary	1KG20EC015	9347889339
16	Kishore Kumar M	1KG20EC016	9360906516
17	Koushik	1KG20EC017	6363514910
18	Kuche Raviteja	1KG20EC018	9182920622
19	M B Hemanth	1KG20EC019	9242401965
20	M Lokesh	1KG20EC020	9345491405
21	Makkena Hemanth	1KG20EC021	9502740830
22	Malepati Kaivalya	1KG20EC022	9154380288
23	Mannam Vandana	1KG20EC023	9535645252
24	N S Banuprasad	1KG20EC024	8903045583
25	Narra Bhaskar Naidu	1KG20EC025	9391601206
26	Narra Siri	1KG20EC026	7013644471
27	Neha Kumari . S	1KG20EC027	7275015752
28	Nishanth N	1KG20EC028	7892398842
29	Nithin G N	1KG20EC029	8123510112
30	P Haritha	1KG20EC030	9030203517
31	Pooja R	1KG20EC031	9113051430
32	Pothugunta Sai Kethan Chowdary	1KG20EC032	8639590409
33	Punith P	1KG20EC033	8197389889
34	R Parthiban	1KG20EC034	7406024648
35	Raghavendra C	1KG20EC035	9380396663
36	Rakshitha M	1KG20EC036	6363962749
37	Sachin.R	1KG20EC037	7483657379
38	Sadhana Hd	1KG20EC038	9686532697
39	Saliseemala Uma Chowdary	1KG20EC039	6302373732
40	Saliseemala Usha Chowdary	1KG20EC040	9390901895

41	Suprith R	1KG20EC042	8310199242
42	Tanuja N	1KG20EC043	7204777967
43	Tejashree M	1KG20EC044	8951874952
44	Ujwala H S	1KG20EC045	7411444306
45	Uma.C	1KG20EC046	8884290057
46	V Sasidhar	1KG20EC047	8341671736
47	Yashaswini R	1KG20EC048	9663110823
48	Nishanth Gowda M	1KG21EC400	8123073468
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K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE – 560109

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION: 2023-2024 (ODD SEMESTER)

Date: 24/07/2023

Circular

All the faculty members are hereby informed to provide the subject preferences for semester June 2023 – January 2024 in the attached sheet latest by 24/07/2024.

Syllabuses of different schemes are attached for your information.

24/7/23

Head of the Department

Professor & Head
Department Of Mechanical Engineering
K.S. Group Of Institutions
K.S. School Of Engineering & Management
Bangalore-560 109

K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE – 560109

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION: 2023-2024 (ODD SEMESTER)

Preferences for subjects

Sl. No	Name of the faculty	I Semester 2021 Scheme	III Semester 2021 Scheme	V Semester 2021 Scheme	VII Semester 2021 Scheme	Signature
1	Dr. K Rama Narasimha		TFE			
2	Dr. Balaji. B	IME	MoM			
3	Dr. Jyothi.P.N		MP		AM	
4	Dr. Abhishek. M R	CAED		MM & AM	Design lab	
5	Mr.Harsha.J	IME			TQM	
6	Mr.Akashdeep.B.N		CAMD	FEA	Design lab CE	
7	Mr.Santhosh Kumar.K.J		MS	TOM		
8	Mr. Parashuram A K		BTD		EE	
9	Mr. Harisha P	CAED			GE	
10	Ms. Nischitha A H	IME	SCR		CAD-M	

Head of the Department
Professor & Head
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K.S. Group Of Institutions
K.S. School Of Engineering & Management
Bangalore-560 109

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU-560109

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION: 2023-2024 (ODD SEMESTER)

SUBJECT ALLOCATION

BE I Semester (2022 Scheme)

Course Code	Course Title	Faculty		
BESCK104D	Introduction to Mechanical Engineering	HJ	NAH	Dr. BB/HJ
BCEDK103	Computer Aided Engineering Drawing	Dr AMR	HP	Dr AMR/HP

BE III Semester (2022 Scheme)

Course Code	Course Title	Sec A
BME301	Mechanics of Materials	Dr BB
BME302	Manufacturing Process	Dr PNJ
BME303	Material Science and Engineering	KJS
BME304	Basic Thermodynamics	PAK
BMEL305	Computer Aided Machine Drawing	PAK/Satish
BME306D	Waste Management	CV/EC
BSCK307	Social Connect and Responsibility	NAH
BMEL358C	Spreadsheet for Engineers	Pavithra

BE V Semester (2021 Scheme)

Course Code	Course Title	Sec A
21ME51	Theory of Machines	KJS
21ME52	Thermo-Fluids Engineering	Dr KRN
21ME53	Finite Element Analysis	BNA
21ME54	Modern Mobility and Automotive Mechanics	Dr AMR
21MEL55	Design lab	KJS
21XX56	Research Methodology & Intellectual Property Rights	MBA
21CIV57	Environmental Studies	CV/CHE
21ME581	Basics of MATLAB	EC

BE VII Semester (2018 Scheme)

Course Code	Course Title	Sec A
18ME71	Control Engineering	BNA
18ME72	Computer Aided Design and Manufacturing	NAH
18ME734	Total Quality Management	HJ
18ME741	Additive Manufacturing	Dr. PNJ
18MEL76	Computer Integrated Manufacturing Lab	NAH/HJ
18MEL77	Design Lab	Dr AMR/BNA
18MEP78	Project Work Phase – 1	Dr BB/ Dr.PNJ
-	Internship	PAK

Lab In-Charge Faculty

Semester	Lab	Faculty
I SEM	CAED LAB	Dr AMR
III SEM	MT LAB	KJS
	CAMD	Dr AMR
	M/C SHOP	HJ
V SEM	EC LAB	PAK
	FM LAB	PAK
VII SEM	DESIGN LAB	BNA
	CIM LAB	HJ

Subjects Allotment (Faculty-wise)

Sl. No.	Faculty	Subject- 1	Subject -2	Subject -3	Lab	Signature
1	Dr. Rama Narasimha K	TFE				
2	Dr. Balaji B	MOM	IME ½			
3	Dr. Jyothi P N	MP	AM			
4	Dr. Abhishek M R	MM&AM	CAED	CAED ½	Design Lab (VII SEM)	
5	Mr. Harsha J	TQM	IME	IME ½	CIM LaB	
6	Mr. Akash Deep B N	CE	FEA	CAMD	Design Lab (VII SEM)	
7	Mr. Santosh Kumar K J	TOM	MS		Design Lab (V SEM)	
8	Mr Parashuram A K	EE	EE	BTD		
9	Miss. Nischitha A H	CAD-M	IME	SCR	CIM Lab	
10	Mr Harisha P	EE (CV & DC)	CAED	CAED ½		

Head of the Department

Professor & Head
Department Of Mechanical Engineering
K.S. Group Of Institutions
K.S. School Of Engineering & Manage...
Bangalore-560 109

Principal
Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU-560109

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION: 2023-2024 (ODD SEMESTER)

PROCESS ALLOCATION

Sl.No.	Process	Faculty (Coordinator)	Signature
1.	IQAC Institute	-	
2.	IQAC Department	Dr PNJ / Dr AMR	
3.	Time Table	BNA / PAK	
4.	Internal (Test)	NAH	
		HP	
5.	CIE	NAH / HP	
6.	Result Analysis	NAH	
		PAK	
		HJ	
7.	Project	Dr BB / Dr PNJ	
8.	Placement	KJS	
9.	Internship	PAK	
10.	Alumni Association	HJ	
11.	Website	HJ / NAH / HP	
12.	Department Library	HP / Satish	
13.	Newsletter	Dr AMR	
14.	Forum	Dr BB / Dr PNJ	
15.	R & D	Dr PNJ	
16.	Publication	Dr PNJ	
17.	Professional Activities	HJ	
18.	FDP (conducted/ attended)	KJS / BNA	
19.	Workshop /Seminar (conducted/ attended)	KJS / BNA	
20.	Pupilpod	-	
21.	Proctor	Dr AMR	
22.	CCM	NAH / PAK / HJ	
23.	PTM	NAH / PAK / HJ	
24.	Budget	Satish	
25.	Industry Visit	PAK / HP	

Class Teachers

Semester	Faculty	Signature
III SEM	NAH	
V SEM	PAK	
VII SEM	HJ	

NAAC Coordinators

Sl. No.	NAAC Criteria	Faculty (Coordinators)	Signature
1.	Criteria-1	BNA	
2.	Criteria-2	Dr. AMR, HJ	
3.	Criteria-3	PAK	
4.	Criteria-4	HP	
5.	Criteria-5	KJS	
6.	Criteria-6	Dr.PNJ	
7.	Criteria-7	NAH	

Head of the Department

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Bengaluru - 560 109

K. S. SCHOOL OF ENGINEERING & MANAGEMENT
DEPARTMENT OF MANAGEMENT STUDIES AND RESEARCH CENTRE
ACADEMIC YEAR: 2023-24 (ODD)

ACADEMIC YEAR: 2023-24 (ODD) **SCHEME: 22MBA**

PREFERENCES FOR SUBJECTS

SL	FACULTY NAME	I SEM	III SEM	SIGNATURE
1	Dr. Shekar H S			
2	Prof. Rajamohan			
3	Prof. Roopa Balavenu	AFM	SAPM	
4	Prof. Sreedhar N	MOB	IRL.	
5	Prof. Arundathi K L	SFM	IPRGS	
6	Prof. Sangan Gouda	ED	CB	
7	Prof. Kokila Kulkarni	MM	R & S	

Dr. Mansi Bansal BC ~~ITM~~ SRM

K. S. SCHOOL OF ENGINEERING & MANAGEMENT
DEPARTMENT OF MANAGEMENT STUDIES AND RESEARCH CENTRE
ACADEMIC YEAR: 2023-24(ODD)

ACADEMIC YEAR: 2023-24(ODD) **SCHEME: 22MBA & 20MBA**

SUBJECTS ALLOCATION

SL	FACULTY NAME	I SEM	III SEM
1	Dr. Swamy & Dr. K V A Balaji	Principles of Management and Organisational behaviour	-
2	Prof. Chandana	Entrepreneurship Development	Industrial Relations And legislations
3	Prof. Roopa Balavenu	Accounting for Managers	Security Analysis and Portfolio Management
4	Prof. Arundathi K L	Statistics for Managers	Introduction to Python, Data and Control Systems
5	Prof. Kokila Kulkarni	-	Logistics and Supply Chain Management/ Recruitment & Selection
6	Prof. Chinmaya Prakash	Business Communication	Information Technology for Managers
7	Prof. Meghana	Marketing Management	Consumer Behaviour
8	Dr. Manasi Bansal (VF)	-	Sales and Retail Management
9	Prof. Suresh N Rao (VF)	-	Exploratory Data Analysis for Business
10	(GF)	-	Strategic Cost Management

HOD-MBA

PRINCIPAL

1/12/22