



KSSEM
K.S. School of Engineering & Management

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

Academic year 2022-2023 (Odd Semester)

Date: 27/07/2022

Semester: -VII

Subject: - Energy and Environment

Offered by:- Mechanical Engineering

The mention list of students opted open elective offered by Department of Mechanical Engineering.

Note: The section wise student list is enclosed.

Elective Coordinator

Dr. K. RAMA NARASIMHA
Principal/Director

K S School of Engineering and Management
Bengaluru - 560 109

Head of the Department

Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062



KSSSEM

K.S. School of Engineering and Management
DEPARTMENT OF COMPUTER SCIENCE & ENGG.

VI A SEC

ELECTIVE DETAILS OF VII SEM - ODD SEM

SL. NO.	USN	NAME OF THE STUDENT	Professional Elective-2	Professional Elective-3	Open Elective - B	SIGNATURE
1	1KG19CS001	A C PRAVEEN CHOWDARY	18CS734	18CS744	18ME751	Praveen
2	1KG19CS002	ABHISHEK A PATIL	18CS734	18CS744	18ME751	Abhishek
3	1KG19CS003	AJAY KUMAR J	18CS734	18CS744	18ME751	Ajay J
4	1KG19CS004	ANNAMALYMUDDI BHARATH	18CS734	18CS744	18ME751	A.N.M.
5	1KG19CS005	ANUSHA G S	18CS734	18CS744	18ME751	Anusha G S
6	1KG19CS006	ANUSHA S	18CS734	18CS744	18ME751	Anusha S
7	1KG19CS007	ARJUN M	18CS734	18CS744	18ME751	Arjun M
8	1KG19CS008	ARSHITHA K	18CS734	18CS744	18ME751	Arshitha K
9	1KG19CS009	BHARGAV M	18CS734	18CS744	18ME751	Bhargav M
10	1KG19CS010	BHAVANA M REDDY	18CS734	18CS744	18ME751	Bhavana
11	1KG19CS011	BHUVANA H				
12	1KG19CS012	BHUVANASHRI K B	18CS734	18CS744	18ME751	Bhuvanashri K B
13	1KG19CS013	BOPANNA M T	18CS734	18CS744	18ME751	Bopanna
14	1KG19CS014	BRUNDHA K	18CS734	18CS744	18ME751	Brundha K
15	1KG19CS015	C RAMESH CHANDRA	18CS734	18CS744	18ME751	C. Ramesh
16	1KG19CS016	C SAI RANGANATH	18CS734	18CS744	18ME751	C-Sai
17	1KG19CS017	CHAITHRA SHETTY S	18CS734	18CS744	18ME751	Chaitra S
18	1KG19CS018	CHANDANA K	18CS734	18CS744	18ME751	Chandana K
19	1KG19CS019	CHETAN RAJU P H	18CS734	18CS744	18ME751	Chetan P H
20	1KG19CS020	D RAKSHITHA	18CS734	18CS744	18ME751	D Rakshitha
21	1KG19CS021	DAMINI DEVADIGA	18CS734	18CS744	18ME751	Damini
22	1KG19CS022	DEEPA S RAO	18CS734	18CS744	18ME751	Deepa S
23	1KG19CS023	DEEPAK C D	18CS734	18CS744	18ME751	Deepak C D
24	1KG19CS024	DEEPIKA P N	18CS734	18CS744	18ME751	Deepika P N
25	1KG19CS025	DHANUSH VASUDEVARAJU	18CS734	18CS744	18ME751	Dhanush
26	1KG19CS026	DINESH M	18CS734	18CS744	18ME751	Dinesh M
27	1KG19CS027	DIVYA M	18CS734	18CS744	18ME751	Divya M
28	1KG19CS028	DIVYA V P	18CS734	18CS744	18ME751	Divya V P
29	1KG19CS029	DOMA GIRI BABU	18CS734	18CS744	18ME751	Giri Babu
30	1KG19CS030	GAGANA M	18CS734	18CS744	18ME751	Gagana M
31	1KG19CS031	GANTA ROHITH REDDY	18CS734	18CS744	18ME751	
32	1KG19CS032	GAURAV G	18CS734	18CS744	18ME751	Gaurav G
33	1KG19CS033	GAURAV V N	18CS734	18CS744	18ME751	GVS
34	1KG19CS034	GAUTHAMI N P	18CS734	18CS744	18ME751	Gauthami N P
35	1KG19CS036	HARSHITHA B C	18CS734	18CS744	18ME751	Harshitha
36	1KG19CS037	HARSITH S	18CS734	18CS744	18ME751	Harsith S
37	1KG19CS038	HOMADEEP G	18CS734	18CS744	18ME751	Homadeep G
38	1KG19CS039	JANHAVI C	18CS734	18CS744	18ME751	Janhavi C

SL. NO.	USN	NAME OF THE STUDENT	Professional Elective-2	Professional Elective-3	Open Elective - B	SIGNATURE
39	1KG19CS040	K B LIKITHA	18CS734	18CS744	18ME751	
40	1KG19CS041	KANTAM LALITHYA	18CS734	18CS744	18ME751	
41	1KG19CS042	L DURGA PRASAD	18CS734	18CS744	18ME751	
42	1KG19CS043	LIKITH SAI KIRAN	18CS734	18CS744	18ME751	
43	1KG19CS044	MC INDU	18CS734	18CS744	18ME751	
44	1KG19CS045	M J MOHIT KUMAR	18CS734	18CS744	18ME751	
45	1KG19CS046	MADAMANCHI NARMADA	18CS734	18CS744	18ME751	
46	1KG19CS047	MANOJ G	18CS734	18CS744	18ME751	
47	1KG19CS048	MEKA SAI PRASANNA KUMAR	18CS734	18CS744	18ME751	
48	1KG19CS049	MODALA CHETAN	18CS734	18CS744	18ME751	
49	1KG19CS050	MOHAMMED AMEENULLA Z	18CS734	18CS744	18ME751	
50	1KG19CS051	MOHAMMED HUZAIF	18CS734	18CS744	18ME751	
51	1KG19CS052	MOHIT SINGH	18CS734	18CS744	18ME751	
52	1KG19CS053	MONICA N	18CS734	18CS744	18ME751	
53	1KG19CS054	MONISH M	18CS734	18CS744	18ME751	
54	1KG19CS055	MONISHA R	18CS734	18CS744	18ME751	
55	1KG19CS058	NAMRATHA S	18CS734	18CS744	18ME751	
56	1KG19CS059	NANDISH N	18CS734	18CS744	18ME751	
57	1KG19CS060	NISHCHITHA HEBBAR N S	18CS734	18CS744	18ME751	
58	1KG18CS031	DILIP R	18CS734	18CS744	18ME751	
59	1KG18CS035	GAGAN M	18CS734	18CS744	18ME751	
60	1KG18CS067	NISCHITHA D	18CS734	18CS744	18ME751	
61	1KG20CS400	A.HARSHITH	18CS734	18CS744	18ME751	
62	1KG20CS401	AYESHA	18CS734	18CS744	18ME751	
63	1KG20CS402	HEMASHREE.G	18CS734	18CS744	18ME751	

Elective Co-ordinator

HOD

HOD

Department of Computer Science Engineering
K.S. School of Engineering & Management
Bangalore-560109



K.S. School of Engineering and Management
DEPARTMENT OF COMPUTER SCIENCE & ENGG.
VI A SEC
ELECTIVE DETAILS OF VII SEM (2022 - 2023)

PROFESSIONAL ELECTIVE -2	
18CS733	Advanced Computer Architecture
18CS734	User Interface Design

PROFESSIONAL ELECTIVE 3	
18CS742	Network management
18CS744	Cryptography

OPEN ELECTIVE - B	
18ME751	Energy and Environment
18CV753	Environmental Protection and Management
18EC751	Communication Theory



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K.S. School of Engineering and Management

DEPARTMENT OF COMPUTER SCIENCE & ENGG.

VI B SEC

ELECTIVE DETAILS OF VII SEM

SL. NO.	USN	NAME OF THE STUDENT	Professional Elective-2	Professional Elective-3	Open Elective - B	SIGNATURE
1	IKG19CS061	NITISH B	18CS734	18CS744	18ME751	N. Nitish B.
2	IKG19CS062	PAVAN KUMAR C	18CS734	18CS744	18ME751	Pavan
3	IKG19CS063	PRAJWAL S SHETTY	18CS734	18CS744	18ME751	Shetty
4	IKG19CS064	PRAJWAL V	18CS734	18CS744	18ME751	Prajwal V
5	IKG19CS065	PRAKRIT BASNET	18CS734	18CS744	18ME751	Prakrit
6	IKG19CS066	PRAKRUTHI P S	18CS734	18CS744	18ME751	Prakruthi
7	IKG19CS067	PRARTHNA P CHHABRIA	18CS734	18CS744	18ME751	Prarthna
8	IKG19CS068	PUNITH K	18CS734	18CS744	18ME751	Punith K
9	IKG19CS069	R DHANUSH	18CS734	18CS744	18ME751	R Dhanush
10	IKG19CS071	RAKSHITH B N	18CS734	18CS744	18ME751	Rakshith B N
11	IKG19CS072	RAKSHITH C K	18CS734	18CS744	18ME751	Rakshith C K
12	IKG19CS073	RAKSHITHA M V	18CS734	18CS744	18ME751	Rakshitha M V
13	IKG19CS074	RANJITA GOVIND SHASTRI	18CS734	18CS744	18ME751	Ranjita
14	IKG19CS075	RIYA SINGH	18CS734	18CS744	18ME751	Riya
15	IKG19CS076	S MANJOT SINGH	18CS734	18CS744	18ME751	S Manjot Singh
16	IKG19CS077	SAHANA S RAO	18CS734	18CS744	18ME751	Sahana S Rao
17	IKG19CS078	SAHIL BASSAN	18CS734	18CS744	18ME751	Sahil Bassan
18	IKG19CS079	SAKETH N	18CS734	18CS744	18ME751	Saketh N
19	IKG19CS080	SAMRUDH R	18CS734	18CS744	18ME751	Samrudh R
20	IKG19CS081	SANDHYA B	18CS734	18CS744	18ME751	Sandhya B
21	IKG19CS082	SANGEETHA T D	18CS734	18CS744	18ME751	Sangeetha T D
22	IKG19CS083	SANJANA A N	18CS734	18CS744	18ME751	Sanjana A N
23	IKG19CS084	SARVESHKUMAR TENIHALLI	18CS734	18CS744	18ME751	Sarvesh Kumar
24	IKG19CS085	SATHISH KUMAR S	18CS734	18CS744	18ME751	Sathish Kumar
25	IKG19CS086	SATHVIKA V	18CS734	18CS744	18ME751	Sathvika V
26	IKG19CS087	SHARATH KUMAR N	18CS734	18CS744	18ME751	Sharath Kumar
27	IKG19CS088	SHEETAL S	18CS734	18CS744	18ME751	Sheetal S
28	IKG19CS089	SHIVALEELA DESAI	18CS734	18CS744	18ME751	Shivaleela Desai
29	IKG19CS090	SHRADDHA M K	18CS734	18CS744	18ME751	Shraddha M K
30	IKG19CS091	SHREYA G ATTIMARAD	18CS734	18CS744	18ME751	Shreya G Attimarad
31	IKG19CS092	SHREYAS K	18CS734	18CS744	18ME751	Shreyas K
32	IKG19CS093	SHWETHA K	18CS734	18CS744	18ME751	Shwetha K
33	IKG19CS094	SIDDHANT L S	18CS734	18CS744	18ME751	Siddhant L S
34	IKG19CS095	SOMESHKUMAR S H	18CS734	18CS744	18ME751	Somesh Kumar
35	IKG19CS096	SONU KUMARI RAWAL A	18CS734	18CS744	18ME751	Sonu Kumari
36	IKG19CS097	SPOORHI P SHETTY	18CS734	18CS744	18ME751	Spoorhi P Shetty
37	IKG19CS098	SUBHASHINI D	18CS734	18CS744	18ME751	Subhashini D
38	IKG19CS099	SUDHARSHAN M S	18CS734	18CS744	18ME751	Sudharshan M S

SL. NO.	USN	NAME OF THE STUDENT	Professional Elective-2	Professional Elective-3	Open Elective - B	SIGNATURE
39	IKG19CS100	SUHAIL AHMED SAYYED	18CS734	18CS744	18ME751	Suhail
40	IKG19CS101	SUMANTH K NAIK	18CS734	18CS744	18ME751	Sumanth
41	IKG19CS102	SUNIL M	18CS734	18CS744	18ME751	Sunil
42	IKG19CS103	SURAKSHA RACHANA	18CS734	18CS744	18ME751	Suraksha
43	IKG19CS104	SURESH KUMAR S	18CS734	18CS744	18ME751	Suresh
44	IKG19CS105	SURESH VISHNOI	18CS734	18CS744	18ME751	Suresh
45	IKG19CS106	T S NANDAN	18CS734	18CS744	18ME751	Suresh
46	IKG19CS107	TRIPURANENI CHANDRIKA	18CS734	18CS744	18ME751	To
47	IKG19CS108	V YASHASWINI NAIDU	18CS734	18CS744	18ME751	V. Suresh
48	IKG19CS109	VADDE SNEHA	18CS734	18CS744	18ME751	Vadde
49	IKG19CS110	VALLERI MANISHA	18CS734	18CS744	18ME751	V-Manisha
50	IKG19CS111	VARSHA V	18CS734	18CS744	18ME751	Varsha
51	IKG19CS112	VARSHITHA V	18CS734	18CS744	18ME751	Varshitha
52	IKG19CS113	VARUN BHARGAVA	18CS734	18CS744	18ME751	Varun
53	IKG19CS114	VARUN RAO	18CS734	18CS744	18ME751	Varun
54	IKG19CS115	VIGNESH R	18CS734	18CS744	18ME751	Vignesh
55	IKG19CS116	VIJAYALAXMI C KURATTI	18CS734	18CS744	18ME751	Vijaya
56	IKG19CS117	VISHWAS P	18CS734	18CS744	18ME751	Vishwas
57	IKG19CS118	YASHASWINI M	18CS734	18CS744	18ME751	Yashaswini
58	IKG19CS119	YOGITHA P	18CS734	18CS744	18ME751	Yogitha
59	IKG19CS120	ZAIN MOHIUDDIN SHARIEF	18CS734	18CS744	18ME751	Zain
60	IKG18CS100	SHARATH B G	18CS734	18CS744	18ME751	Sharath



K.S. School of Engineering and Management
DEPARTMENT OF COMPUTER SCIENCE & ENGG.

VI B SEC

ELECTIVE DETAILS OF VII SEM (2022 - 2023)

PROFESSIONAL ELECTIVE -2

18CS733	Advanced Computer Architecture
18CS734	User Interface Design

PROFESSIONAL ELECTIVE 3

18CS742	Network management
18CS744	Cryptography

OPEN ELECTIVE - B

18ME751	Energy and Environment
18CV753	Environmental Protection and Management
18EC751	Communication Theory


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DEPARTMENT OF COMPUTER SCIENCE & ENGG.



VI A SEC
OPEN ELECTIVE STUDENTS LIST


Subject Name: Energy and Environment

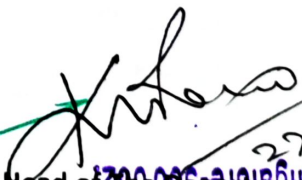
Subject Code: 18ME751

SL. NO.	USN	NAME OF THE STUDENT	Open Elective - B
1	1KG19CS001	A C PRAVEEN CHOWDARY	18ME751
2	1KG19CS002	ABHISHEK A PATIL	18ME751
3	1KG19CS003	AJAY KUMAR J	18ME751
4	1KG19CS004	ANNAMALYMUDDI BHARATH	18ME751
5	1KG19CS005	ANUSHA G S	18ME751
6	1KG19CS006	ANUSHA S	18ME751
7	1KG19CS007	ARJUN M	18ME751
8	1KG19CS008	ARSHITHA K	18ME751
9	1KG19CS009	BHARGAV M	18ME751
10	1KG19CS010	BHAVANA M REDDY	18ME751
11	1KG19CS012	BHUVANASHRI K B	18ME751
12	1KG19CS013	BOPANNA M T	18ME751
13	1KG19CS014	BRUNDHA K	18ME751
14	1KG19CS015	C RAMESH CHANDRA	18ME751
15	1KG19CS016	C SAI RANGANATH	18ME751
16	1KG19CS017	CHAITHRA SHETTY S	18ME751
19	1KG19CS020	D RAKSHITHA	18ME751
20	1KG19CS021	DAMINI DEVADIGA	18ME751
21	1KG19CS022	DEEPA S RAO	18ME751
22	1KG19CS023	DEEPAK C D	18ME751
23	1KG19CS024	DEEPIKA P N	18ME751
24	1KG19CS025	DHANUSH VASUDEVARAJU	18ME751
25	1KG19CS026	DINESH M	18ME751
26	1KG19CS027	DIVYA M	18ME751
27	1KG19CS028	DIVYA V P	18ME751
28	1KG19CS029	DOMA GIRI BABU	18ME751
29	1KG19CS030	GAGANA M	18ME751
30	1KG19CS031	GANTA ROHITH REDDY	18ME751
31	1KG19CS032	GAURAV G	18ME751
32	1KG19CS033	GAURAV V N	18ME751
33	1KG19CS034	GAUTHAMI N P	18ME751
34	1KG19CS036	HARSHITHA B C	18ME751
35	1KG19CS037	HARSITH S	18ME751
36	1KG19CS038	HOMADEEP G	18ME751
37	1KG19CS039	JANHAVI C	18ME751

SL. NO.	USN	NAME OF THE STUDENT	Open Elective - B
38	1KG19CS040	K B LIKITHA	18ME751
39	1KG19CS041	KANTAM LALITHYA	18ME751
40	1KG19CS042	L DURGA PRASAD	18ME751
41	1KG19CS043	LIKITH SAI KIRAN	18ME751
42	1KG19CS044	MC INDU	18ME751
43	1KG19CS045	M J MOHIT KUMAR	18ME751
44	1KG19CS046	MADAMANCHI NARMADA	18ME751
45	1KG19CS047	MANOJ G	18ME751
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47	1KG19CS049	MODALA CHETAN	18ME751
48	1KG19CS050	MOHAMMED AMEENULLA Z	18ME751
49	1KG19CS051	MOHAMMED HUZAIF	18ME751
50	1KG19CS052	MOHIT SINGH	18ME751
51	1KG19CS053	MONICA N	18ME751
52	1KG19CS054	MONISH M	18ME751
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56	1KG19CS060	NISHCHITHA HEBBAR N S	18ME751
57	1KG18CS031	DILIP R	18ME751
58	1KG18CS035	GAGAN M	18ME751
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OPEN ELECTIVE STUDENTS LIST

Subject Name: Energy and Environment

Subject Code: 18ME751

SL. NO.	USN	NAME OF THE STUDENT	Open Elective - B
1	1KG19CS061	NITISH B	18ME751
2	1KG19CS062	PAVAN KUMAR C	18ME751
3	1KG19CS063	PRAJWAL S SHETTY	18ME751
4	1KG19CS064	PRAJWAL V	18ME751
5	1KG19CS065	PRAKRIT BASNET	18ME751
6	1KG19CS066	PRAKRUTHI P S	18ME751
7	1KG19CS067	PRARTHNA P CHHABRIA	18ME751
8	1KG19CS068	PUNITH K	18ME751
9	1KG19CS069	R DHANUSH	18ME751
10	1KG19CS071	RAKSHITH B N	18ME751
11	1KG19CS072	RAKSHITH C K	18ME751
12	1KG19CS073	RAKSHITHA M V	18ME751
13	1KG19CS074	RANJITA GOVIND SHASTRI	18ME751
14	1KG19CS075	RIYA SINGH	18ME751
15	1KG19CS076	S MANJOT SINGH	18ME751
16	1KG19CS077	SAHANA S RAO	18ME751
17	1KG19CS078	SAHIL BASSAN	18ME751
18	1KG19CS079	SAKETH N	18ME751
19	1KG19CS080	SAMRUDH R	18ME751
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21	1KG19CS082	SANGEETHA T D	18ME751
22	1KG19CS083	SANJANA A N	18ME751
23	1KG19CS084	SARVESHKUMAR TENIHALLI	18ME751
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25	1KG19CS086	SATHVIKA V	18ME751
26	1KG19CS087	SHARATH KUMAR N	18ME751
27	1KG19CS088	SHEETAL S	18ME751
28	1KG19CS089	SHIVALEELA DESAI	18ME751
29	1KG19CS090	SHRADDHA M K	18ME751
30	1KG19CS091	SHREYA G ATTIMARAD	18ME751
31	1KG19CS092	SHREYAS K	18ME751
32	1KG19CS093	SHWETHA K	18ME751
33	1KG19CS094	SIDDHANT L S	18ME751
34	1KG19CS095	SOMESHKUMAR S H	18ME751
35	1KG19CS096	SONU KUMARI RAWAL A	18ME751

SL. NO.	USN	NAME OF THE STUDENT	Open Elective - B
36	1KG19CS097	SPOORTHI P SHETTY	18ME751
37	1KG19CS098	SUBHASHINI D	18ME751
38	1KG19CS099	SUDHARSHAN M S	18ME751
39	1KG19CS100	SUHAIL AHMED SAYYED	18ME751
40	1KG19CS101	SUMANTH K NAIK	18ME751
41	1KG19CS102	SUNIL M	18ME751
42	1KG19CS103	SURAKSHA RACHANA	18ME751
43	1KG19CS104	SURESH KUMAR S	18ME751
44	1KG19CS105	SURESH VISHNOI	18ME751
45	1KG19CS106	T S NANDAN	18ME751
46	1KG19CS107	TRIPURANENI CHANDRIKA	18ME751
47	1KG19CS108	V YASHASWINI NAIDU	18ME751
48	1KG19CS109	VADDE SNEHA	18ME751
49	1KG19CS110	VALLERI MANISHA	18ME751
50	1KG19CS111	VARSHA V	18ME751
51	1KG19CS112	VARSHITHA V	18ME751
52	1KG19CS113	VARUN BHARGAVA	18ME751
53	1KG19CS114	VARUN RAO	18ME751
54	1KG19CS115	VIGNESH R	18ME751
55	1KG19CS116	VIJAYALAXMI C KURATTI	18ME751
56	1KG19CS117	VISHWAS P	18ME751
57	1KG19CS118	YASHASWINI M	18ME751
58	1KG19CS119	YOGITHA P	18ME751
59	1KG19CS120	ZAIN MOHIUDDIN SHARIEF	18ME751
60	1KG18CS100	SHARATH B G	18ME751


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PROFESSIONAL ELECTIVE 2 & 3 STUDENTS LIST

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1	IKG19CS061	NITISH B	18CS734	18CS744
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3	IKG19CS063	PRAJWAL S SHETTY	18CS734	18CS744
4	IKG19CS064	PRAJWAL V	18CS734	18CS744
5	IKG19CS065	PRAKRIT BASNET	18CS734	18CS744
6	IKG19CS066	PRAKRUTHI P S	18CS734	18CS744
7	IKG19CS067	PRARTHNA P CHHABRIA	18CS734	18CS744
8	IKG19CS068	PUNITH K	18CS734	18CS744
9	IKG19CS069	R DHANUSH	18CS734	18CS744
10	IKG19CS071	RAKSHITH B N	18CS734	18CS744
11	IKG19CS072	RAKSHITH C K	18CS734	18CS744
12	IKG19CS073	RAKSHITHA M V	18CS734	18CS744
13	IKG19CS074	RANJITA GOVIND SHASTRI	18CS734	18CS744
14	IKG19CS075	RIYA SINGH	18CS734	18CS744
15	IKG19CS076	S MANJOT SINGH	18CS734	18CS744
16	IKG19CS077	SAHANA S RAO	18CS734	18CS744
17	IKG19CS078	SAHIL BASSAN	18CS734	18CS744
18	IKG19CS079	SAKETH N	18CS734	18CS744
19	IKG19CS080	SAMRUDH R	18CS734	18CS744
20	IKG19CS081	SANDHYA B	18CS734	18CS744
21	IKG19CS082	SANGEETHA T D	18CS734	18CS744
22	IKG19CS083	SANJANA A N	18CS734	18CS744
23	IKG19CS084	SARVESHKUMAR TENIHALLI	18CS734	18CS744
24	IKG19CS085	SATHISH KUMAR S	18CS734	18CS744
25	IKG19CS086	SATHVIKA V	18CS734	18CS744
26	IKG19CS087	SHARATH KUMAR N	18CS734	18CS744
27	IKG19CS088	SHEETAL S	18CS734	18CS744
28	IKG19CS089	SHIVALEELA DESAI	18CS734	18CS744
29	IKG19CS090	SHRADDHA M K	18CS734	18CS744
30	IKG19CS091	SHREYA G ATTIMARAD	18CS734	18CS744
31	IKG19CS092	SHREYAS K	18CS734	18CS744
32	IKG19CS093	SHWETHA K	18CS734	18CS744
33	IKG19CS094	SIDDHANT L S	18CS734	18CS744
34	IKG19CS095	SOMESHKUMAR S H	18CS734	18CS744
35	IKG19CS096	SONU KUMARI RAWAL A	18CS734	18CS744

SL. NO.	USN	NAME OF THE STUDENT	Professional Elective-2	Professional Elective-3
36	1KG19CS097	SPOORTHI P SHETTY	18CS734	18CS744
37	1KG19CS098	SUBHASHINI D	18CS734	18CS744
38	1KG19CS099	SUDHARSHAN M S	18CS734	18CS744
39	1KG19CS100	SUHAIL AHMED SAYYED	18CS734	18CS744
40	1KG19CS101	SUMANTH K NAIK	18CS734	18CS744
41	1KG19CS102	SUNIL M	18CS734	18CS744
42	1KG19CS103	SURAKSHA RACHANA	18CS734	18CS744
43	1KG19CS104	SURESH KUMAR S	18CS734	18CS744
44	1KG19CS105	SURESH VISHNOI	18CS734	18CS744
45	1KG19CS106	T S NANDAN	18CS734	18CS744
46	1KG19CS107	TRIPURANENI CHANDRIKA	18CS734	18CS744
47	1KG19CS108	V YASHASWINI NAIDU	18CS734	18CS744
48	1KG19CS109	VADDE SNEHA	18CS734	18CS744
49	1KG19CS110	VALLERI MANISHA	18CS734	18CS744
50	1KG19CS111	VARSHA V	18CS734	18CS744
51	1KG19CS112	VARSHITHA V	18CS734	18CS744
52	1KG19CS113	VARUN BHARGAVA	18CS734	18CS744
53	1KG19CS114	VARUN RAO	18CS734	18CS744
54	1KG19CS115	VIGNESH R	18CS734	18CS744
55	1KG19CS116	VIJAYALAXMI C KURATTI	18CS734	18CS744
56	1KG19CS117	VISHWAS P	18CS734	18CS744
57	1KG19CS118	YASHASWINI M	18CS734	18CS744
58	1KG19CS119	YOGITHA P	18CS734	18CS744
59	1KG19CS120	ZAIN MOHIUDDIN SHARIEF	18CS734	18CS744
60	1KG18CS100	SHARATH B G	18CS734	18CS744


Elective Coordinator


Head of the Department

Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062



K. J. Somaiya Institute of Engineering and Information Technology
School of Engineering and Management
DEPARTMENT OF COMPUTER SCIENCE & ENGG.

VI A SEC

KSSEM PROFESSIONAL ELECTIVE 2 & 3 STUDENTS LIST

SL. NO.	USN	NAME OF THE STUDENT	Professional Elective-2	Professional Elective-3
1	1KG19CS001	A C PRAVEEN CHOWDARY	18CS734	18CS744
2	1KG19CS002	ABHISHEK A PATIL	18CS734	18CS744
3	1KG19CS003	AJAY KUMAR J	18CS734	18CS744
4	1KG19CS004	ANNAMALYMUDE BHARATH	18CS734	18CS744
5	1KG19CS005	ANUSHA G S	18CS734	18CS744
6	1KG19CS006	ANUSHA S	18CS734	18CS744
7	1KG19CS007	ARJUN M	18CS734	18CS744
8	1KG19CS008	ARSHITHA K	18CS734	18CS744
9	1KG19CS009	BHARGAV M	18CS734	18CS744
10	1KG19CS010	BHAVANA M REDDY	18CS734	18CS744
11	1KG19CS012	BHUVANASHRI K B	18CS734	18CS744
12	1KG19CS013	BOPANNA M T	18CS734	18CS744
13	1KG19CS014	BRUNDHA K	18CS734	18CS744
14	1KG19CS015	C RAMESH CHANDRA	18CS734	18CS744
15	1KG19CS016	C SAI RANGANATH	18CS734	18CS744
16	1KG19CS017	CHAITHRA SHETTY S	18CS734	18CS744
17	1KG19CS018	CHANDANA K	18CS734	18CS744
18	1KG19CS019	CHETAN RAJU P H	18CS734	18CS744
19	1KG19CS020	D RAKSHITHA	18CS734	18CS744
20	1KG19CS021	DAMINI DEVADIGA	18CS734	18CS744
21	1KG19CS022	DEEPA S RAO	18CS734	18CS744
22	1KG19CS023	DEEPAK C D	18CS734	18CS744
23	1KG19CS024	DEEPIKA P N	18CS734	18CS744
24	1KG19CS025	DHANUSH VASUDEVARAJU	18CS734	18CS744
25	1KG19CS026	DINESH M	18CS734	18CS744
26	1KG19CS027	DIVYA M	18CS734	18CS744
27	1KG19CS028	DIVYA V P	18CS734	18CS744
28	1KG19CS029	DOMA GIRI BABU	18CS734	18CS744
29	1KG19CS030	GAGANA M	18CS734	18CS744
30	1KG19CS031	GANTA ROHITH REDDY	18CS734	18CS744
31	1KG19CS032	GAURAV G	18CS734	18CS744
32	1KG19CS033	GAURAV V N	18CS734	18CS744
33	1KG19CS034	GAUTHAMI N P	18CS734	18CS744
34	1KG19CS036	HARSHITHA B C	18CS734	18CS744
35	1KG19CS037	HARSITH S	18CS734	18CS744

SL. NO.	USN	NAME OF THE STUDENT	Professional Elective-2	Professional Elective-3
36	1KG19CS038	HOMADEEP G	18CS734	18CS744
37	1KG19CS039	JANHAVI C	18CS734	18CS744
38	1KG19CS040	K B LIKITHA	18CS734	18CS744
39	1KG19CS041	KANTAM LALITHYA	18CS734	18CS744
40	1KG19CS042	L DURGA PRASAD	18CS734	18CS744
41	1KG19CS043	LIKITH SAI KIRAN	18CS734	18CS744
42	1KG19CS044	MC INDU	18CS734	18CS744
43	1KG19CS045	M J MOHIT KUMAR	18CS734	18CS744
44	1KG19CS046	MADAMANCHI NARMADA	18CS734	18CS744
45	1KG19CS047	MANOJ G	18CS734	18CS744
46	1KG19CS048	MEKA SAI PRASANNA KUMAR	18CS734	18CS744
47	1KG19CS049	MODALA CHETAN	18CS734	18CS744
48	1KG19CS050	MOHAMMED AMEENULLA Z	18CS734	18CS744
49	1KG19CS051	MOHAMMED HUZAIF	18CS734	18CS744
50	1KG19CS052	MOHIT SINGH	18CS734	18CS744
51	1KG19CS053	MONICA N	18CS734	18CS744
52	1KG19CS054	MONISH M	18CS734	18CS744
53	1KG19CS055	MONISHA R	18CS734	18CS744
54	1KG19CS058	NAMRATHA S	18CS734	18CS744
55	1KG19CS059	NANDISH N	18CS734	18CS744
56	1KG19CS060	NISHCHITHA HEBBAR N S	18CS734	18CS744
57	1KG18CS031	DILIP R	18CS734	18CS744
58	1KG18CS035	GAGAN M	18CS734	18CS744
59	1KG18CS067	NISCHITHA D	18CS734	18CS744
60	1KG20CS400	A.HARSHITH	18CS734	18CS744
61	1KG20CS401	AYESHA	18CS734	18CS744
62	1KG20CS402	HEMASHREE.G	18CS734	18CS744


Elective Coordinator


Head of the Department

Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062



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

Department of Civil Engineering

Academic year: 2022-2023 (Odd Semester)

Date: 25/07/2022

Semester: - VII

Subject: - Python application programming (18CS752)

Offered by: - Department of Computer science

List of students opted open elective offered by Department of Computer science.

Sl No	USN	STUDENT NAME
1	1KG20CV400	ARJUNGOWDA D N

Pashmi.H.R
Signature of the Coordinator

W. Kelle
Head of the Department

25/7/2022



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

Date: 18/07/2022

CIRCULAR

Elective subject Preferences for odd SEMESTER (2022-23)

All the students of VI semester (A & B) are hereby informed to provide the elective subject Preferences for odd semester (2022-23) on or before 29th July 2022.

List of electives are attached for your information.


Coordinator


18/7/22
Head-Department
HOD
Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062

Enclosed:
List of Elective subjects from VTU



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU - 560109
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
ELECTIVE DETAILS OF VII SEM (2022 - 2023)

PROFESSIONAL ELECTIVE -2

18CS733
18CS734

Advanced Computer Architecture
User Interface Design

PROFESSIONAL ELECTIVE 3


18CS742
18CS744

Network management
Cryptography

OPEN ELECTIVE - B

18ME751
18CV753
18EC751

Energy and Environment
Environmental Protection and Management
Communication Theory


HOD 18/7/22



CIRCULAR

Date: 15/07/2022

All the students are hereby informed that following are the open elective course offered by the departments for the semester 2022-23 Odd semester.

Department	Course offered		Faculty
	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 Prabhu K S
Department of Computer science	18CS752	Python application programming	Mr Deepak M D Mrs Jayasubha J Mrs Nagaveni B Nimbal Mrs Nita Meshram
Department of Electronics and communication	18EC751	Communication theory	Dr Manu

Students are directed to register for any one of the above electives other than offered from the parent department. The registration should be done on or before 30 July 2022 in the parent department.

Syllabus is attached for further information

15.07.22
Principal
15/7/22

CC to:

CSE

ECE

Civil

Mechanical

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 Programming in Python.

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

COMMUNICATION THEORY

Course Code	: 18EC751	CIE Marks	: 40
Lecture Hours/Week	: 03	SEE Marks	: 60
Total Number of Lecture Hours	: 40 (08 Hrs / Module)	Exam Hours	: 03
CREDITS – 03			

Course Learning 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 to 1.10)

L1, L2

Module-2

Noise: Classification and source of noise (TEXT 1:3.1)

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 (TEXT 1: 5.1, 5.2, 5.5)

Analog Transmission and Reception: AM Radio transmitters, AM Radio Receivers
(TEXT 1: 6.1, 6.2)

L1, L2

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)

L1, L2

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)

L1, L2

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)

L1, L2

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

1. Describe operation of communication systems.
2. Understand the techniques of Amplitude and Angle modulation.
3. Understand the concept of sampling and quantization.
4. Understand the concepts of different digital modulation techniques.
5. 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.
- The total marks will be proportionally reduced to 60 marks as SEE marks is 60.

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: