

<p style="text-align: center;">Sharnbasva University, Kalaburagi Scheme of Teaching and Examination 2018-19 Outcome Based Education(OBE) and Choice Based Credit System (CBCS) (Effective from the academic year 2019-20)</p>
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III SEMESTER B.Tech (Department of Civil Engineering)

Sl. No.	Course Code		Course Title	Teaching Dept. & Paper Setting Board	Teaching Hours/w			Examination				Credits
					L	T	P	Duration in	CIE Marks	SEE Marks	Total Marks	
1	BSC	18MAT31	Engineering Mathematics-III	Mathematics	3	1		3	50	50	100	04
2	PCC	18CV32	Mechanics of Materials		3	1		3	50	50	100	04
3	PCC	18CV33	Fluid Mechanics		3	1		3	50	50	100	04
4	PCC	18CV34	Basic Surveying		4	0		3	50	50	100	04
5	PCC	18CVL35	Applied Engineering Geology lab				2	3	50	50	100	01
6	PCC	18CVL36	Surveying Practice-I Lab				2	3	50	50	100	01
7	PCC	18CVL37	Fluid Mechanics-I Lab				2	3	50	50	100	01
8	MP	18PR38	Project-III				4	3	50	50	100	01
9	HSMC	18HSM391	Yoga	Humanities	1		2	3	50	50	100	01
10		18HSM392	Music									
Total					14	3	12	27	450	450	900	21
BSC-Basic Science, PCC-Professional Core, HSMC-Humanity and Social Science, MP-Mini Project												

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IV SEMESTER B.Tech (Department of Civil Engineering)

Sl. No.	Course Code		Course Title	Teaching Dept. & Paper Setting Board	Teaching Hours/week			Examination				Credits
					L	T	P	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	BSC	18MAT41	Engineering Mathematics-IV	Mathematics	3	1		3	50	50	100	04
2	PCC	18CV42	Structural Analysis-I		3	1		3	50	50	100	04
3	PCC	18CV43	Hydraulics and Hydraulic Machines		3	1		3	50	50	100	04
4	PCC	18CV44	Building Materials & Construction Technology		4	0		3	50	50	100	04
5	PCC	18CVL45	Building Material Testing Lab				2	3	50	50	100	01
6	PCC	18CVL46	Surveying Practice-II Lab				2	3	50	50	100	01
7	PCC	18CVL47	Fluid Mechanics-II Lab				2	3	50	50	100	01
8	MP	18PR48	Project-4				4	3	50	50	100	01
9	HSMC	18KK46	Kannada Kali	Humanities	1		2	3	50	50	100	01
		18MD46	Mahadasohi									
Total					14	3	12	27	450	450	900	21
	BSC-Basic Science, PCC-Professional Core, HSMC-Humanity and Social Science, MP-Mini Project											

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V SEMESTER B.Tech (Department of Civil Engineering)

Sl.No	Course Code		Course Title	Teaching Dept. & Paper Setting Board	Teaching Hours/week			Examination				Credits
					L	T	P	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18CV51	Design Of RCC Structural Elements		3	2		3	50	50	100	04
2	PCC	18CV52	Structural Analysis-II		3	2		3	50	50	100	04
3	PCC	18CV53	Basic Geotechnical Engineering		3			3	50	50	100	04
4	PCC	18CV54	Concrete Technology		3			3	50	50	100	04
5	PCC	18CVL55	Computer Aided Building Planning and Drawing-lab				2	3	50	50	100	01
6	PCC	18CVL56	Geotechnical Engineering Lab				2	3	50	50	100	01
7	PCC	18CVL57	Concrete & Highway Material Testing lab				2	3	50	50	100	01
8	MP	18PR58	Project-V				2	3	50	50	100	01
9	HSMC	18HSM59A	Professional Ethics	Humanities	1			3	50	50	100	01
Total					13	4	8	27	450	450	900	21
	PCC-Professional Core, HSMC-Humanity and Social Science, MP-Mini Project											

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Scheme of Teaching and Examination 2018-19
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VI SEMESTER (Department of Civil Engineering)

Sl.No	Course Code		Course Title	Teaching Dept. & Paper Setting Board		Teaching Hours/week		Examination				Credits
					L	T	P	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18CV61	Design of Steel Structures		3	2		3	50	50	100	04
2	PCC	18CV62	Advanced Geotechnical Engineering		3			3	50	50	100	04
3	PEC	18CV631	Highway Engineering		3			3	50	50	100	03
		18CV632	Traffic Engineering									
4	OEC	18CV641	Air Pollution & Control		3			3	50	50	100	03
		18CV642	Environmental Engineering									
5	PCC	18CVL65	Extensive Survey Lab				2	3	50	50	100	01
6	PCC	18CVL66	Software Application Lab				2	3	50	50	100	01
7	PCC	18CVL67	Field Training Lab				2	3	50	50	100	01
8	MP	18PR68	Project-VI				2	3	50	50	100	01
9	HSMC	18HSM69A	Soft skills	Humanities	1		2	3	50	50	100	01
Total					13	2	10	27	450	450	900	19
PCC-Professional Core, PEC- Professional Elective, OEC- Open Elective, HSMC-Humanity and Social Science, MP-Mini Project												

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VII SEMESTER (Department of Civil Engineering)

Sl.No	Course Code		Course Title	Teaching Dept. & Paper Setting Board	Teaching Hours/week			Examination				Credits
					L	T	P	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	18CV71	Estimation Costing & Contract Management		3	2		3	50	50	100	04
2	PCC	18CV72	Design of RCC and Steel Structures		3	2		3	50	50	100	04
3	PEC	18CV731	Railways, Harbour, Tunnel & Airports		3			3	50	50	100	03
		18CV732	Pavement Design									
4	OEC	18CV741	Municipal and Industrial Waste Water Engineering		3			3	50	50	100	03
		18CV742	Hydrology & Irrigation Engineering									
5	PCC	18CVL75	Environmental Engineering Lab				2	3	50	50	100	01
6	PCC	18CVL76	Computer Aided Detailing of Structure Lab				2	3	50	50	100	01
7	PEC	18CVL77	Civil Engineering Workshop practice lab				2	3	50	50	100	01
8	MP	18PRJ78	Research Project-VII / field project				2	2	50	50	100	01
9	HSMC	18HSM79	Industrial Psychology & Organizational Behaviour				2	2	50	50	100	01
Total					12	4	10	25	450	450	900	19
	PCC-Professional Core, PEC- Professional Elective, OEC- Open Elective, HSMC-Humanity and Social Science											

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VIII SEMESTER B.Tech (Department of Civil Engineering)

Sl.No	Course Code		Course Title	Teaching Dept. & Paper Setting Board	Teaching Hours/week	Examination				Credits
					L/T/P	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PROJECT	18PRJ81	Research project / Field project-VIII		4	3	50	50	100	05
2	INTERNSHIP	18CVI82	Internship		08	3	50	50	100	08
Total					12	6	100	100	200	13
	Note:Project 8-Research project/Field project									