

Visvesvaraya Technological University, Belagavi
BACHELOR OF PLANNING
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SEMESTER-I																		
SI No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week						Total	Duration in Hours	CIE marks	SEE Marks			Total	Credits
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study				Theory Marks	Term Work	Viva Marks		
					L	T	S	P	SM	SS								
1	BPPS	21PLN11	Planning Studio – I: Area Appreciation and Space Perception		-	-	-	10	-	-	10	-	50	-	-	50	100	5
2	BPC	21PLN12	Fundamentals of Urban and Regional Planning		3	-	-	-	-	-	3	3	50	50	-	-	100	3
3	BPC	21PLN13	Techniques of Planning – I		2	1	-	1	-	-	4	3	50	50	-	-	100	3
4	BPC	21PLN14	Planning Communication I		2	-	-	-	-	-	2	2	100	-	-	-	100	2
5	BPC	21PLN15	Quantitative and Qualitative Methods for Planners		1	2	-	-	-	-	3	3	50	50	-	-	100	2
6	BPC	21PLN16	Rural Development and Management		2	2	-	-	-	-	4	3	50	50	-	-	100	3
7	AEC	21PLN17/2 1IDT19	Innovation and Design Thinking		1	-	-	-	-	-	1	1	50	50	-	-	100	1
8	HSMC	21EGH18	Communicative English		1	1	-	1	-	-	2	2	50	50	-	-	100	2
Total											29	16	450	200	0		800	21

BPH: Humanities and Social Science Courses, **BPC:** Planning Core Course including studio, **BPPE:** Professional Elective Courses (Branch Specific Elective), **BPOE:** Open Elective Courses (Cross Discipline Electives), **BPPS:** Project work, Internship in Industry / Field work, **BPPT:** Professional Training, **BPAU:** Non Credit Mandatory Course, **BPPTH:** Thesis, **AEC-** Ability Enhancement Course, **HSMC-** Humanity Science and Management Courses,

AICTE Activity Points to be earned by students admitted to BE/B.Tech., /B.Planning day college programme (For more details refer to Chapter 6, AICTE Activity Point Programme, Model Internship Guidelines): Over and above the academic grades, every Day College regular student admitted to the 4 years Degree programme and every student entering 4 years Degree programme through lateral entry, shall earn 100 and 75 Activity Points respectively for the award of degree through AICTE Activity Point Programme. Students transferred from other Universities to the fifth semester are required to earn 50 Activity Points from the year of entry to VTU. The Activity Points earned shall be reflected on the student's eighth semester Grade Card. The activities can be spread over the years, anytime during the semester weekends and holidays, as per the liking and convenience of the student from the year of entry to the programme. However, the minimum hours' requirement should be fulfilled. Activity Points (non-credit) do not affect SGPA/CGPA and shall not be considered for vertical progression. In case students fail to earn the prescribed activity Points, an Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of the degree only after the release of the Eighth semester Grade Card.

The essence and details of Induction Program can also be understood from the 'Detailed Guide on Student Induction program', as available on AICTE Portal, (Link: <https://www.aicteindia.org/sites/default/files/Detailed%20Guide%20on%20Student%20Induction%20program.pdf>).

1 Hour Lecture (L) per week = 1 Credit, 2 Hour Tutorial (T)/Practical(P)/Studio (S)/ Workshop (W)/Seminar(S) per week = 1 Credit

Student's Induction Program: Motivating (Inspiring) Activities under Induction programme – A pre - post Planning Programme Activity (21 days in the beginning of first semester) Physical Activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to Local areas, Familiarization with Department/Branch and Innovation, etc.

Visvesvaraya Technological University, Belagavi
BACHELOR OF PLANNING
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SEMESTER-II																		
Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week							Examination						Credits
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	SEE Marks			Total	
					L	T	S	P	SM	SS	Theory Marks			Term Work	Viva Marks			
1	BPPS	21PLN21	Planning Studio – II: Village Planning and Urban Neighbourhood Planning		-	-	-	10	-	-	10	-	50	-	-	50	100	5
2	BPC	21PLN22	Cities in History		2	-	-	-	-	1	3	3	50	50	-	-	100	2
3	BPC	21PLN23	Spatial Data Infrastructure for Planning – I		1	-	-	2	-	-	3	3	50	50	-	-	100	2
4	BPC	21PLN24	Planning Communication - II		1	2	-	-	-	-	3	3	50	50	-	-	100	2
5	BPC	21PLN25	Site and Land Development		2	2	-	-	-	-	4	3	50	50	-	-	100	3
6	BPH	21PLN26	Economics for Planners		3	-	-	-	-	-	3	3	50	50	-	-	100	3
7	BPH	21PLN27/ 21EGH28	Professional Writing Skills In English		1	1	-	1	-	-	3	2	50	50	-	-	100	2
8	BPC	21PLN28/ 21SFH29	Scientific Foundations of Health		1	-	-	-	-	-	1	1	50	50	-	-	100	1
Total											30		400	350	0	50	800	20

BPH: Humanities and Social Science Courses, **BPC:** Planning Core Course including studio, **BPPE:** Professional Elective Courses (Branch Specific Elective), **BPOE:** Open Elective Courses (Cross Discipline Electives), **BPPS:** Project work, Internship in Industry / Field work, **BPPT:** Professional Training, **BPAU:** Non Credit Mandetory Course, , **BPPTH:** Thesis, **AEC-** Ability Enhancement Course, **HSMC-** Humanity Science and Management Courses

AICTE Activity Points to be earned by students admitted to BE/B.Tech., /B.Plan day college programme (For more details refer to Chapter 6,AICTE Activity Point Programme, Model Internship Guidelines): Over and above the academic grades, every Day College regular student admitted to the 4 years Degree programme and every student entering 4 years Degree programme through lateral entry, shall earn 100 and 75 Activity Points respectively for the award of degree through AICTE Activity Point Programme. Students transferred from other Universities to the fifth semester are required to earn 50 Activity Points from the year of entry to VTU. The Activity Points earned shall be reflected on the student's eighth semester Grade Card. The activities can be spread over the years, anytime during the semester weekends and holidays, as per the liking and convenience of the student from the year of entry to the programme. However, the minimum hours' requirement should be fulfilled. Activity Points (non-credit) do not affect SGPA/CGPA and shall not be considered for vertical progression. In case students fail to earn the prescribed activity Points, an Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of the degree only after the release of the Eighth semester Grade Card. The essence and details of Induction Program can also be understood from the 'Detailed Guide on Student Induction program', as available on AICTE Portal, (Link:<https://www.aicteindia.org/sites/default/files/Detailed%20Guide%20on%20Student%20Induction%20program.pdf>).

1 Hour Lecture (L) per week = 1 Credit, 2 Hour Tutorial (T)/Practical(P)/Studio (S)/ Workshop (W)/Seminar(S) per week = 1 Credit

Visvesvaraya Technological University, Belagavi
BACHELOR OF PLANNING
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SEMESTER-III																		
Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week						Examination						Credits	
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	SEE Marks				Total
					L	T	S	P	SM	SS	Theory Marks			Term Work	Viva Marks			
1	BPPS	21PLN31	Planning Studio – III: Land Use and Transport Planning		-	-	-	10	-	-	10	-	50	-	-	50	100	5
2	BPC	21PLN32	Planning Theory – I		3	-	-	-	-	-	3	3	50	50	-	-	100	3
3	BPC	21PLN33	Traffic and Transport Planning - I		3	-	-	-	-	-	3	3	50	50	-	-	100	3
4	BPC	21PLN34	Techniques of Planning – II		3	-	-	-	-	-	3	3	50	50	-	-	100	3
5	BPC	21PLN35	Urban and Regional Infrastructure Planning		3	-	-	-	-	-	3	3	50	50	-	-	100	3
6	UHV	21UHV36	Social Connect and Responsibility		-	-	-	2	-	2	4	1	-	-	50	50	100	1
7	HSMC	21KSK37	Samskruthika Kannada		1	-	-	-	-	-	1	1	50	50	-	-	100	1
		21KBK37	Balake Kannada															
Total											27	14	300	250	50	100	700	19

*As an internal training students are expected to work with the institution innovation cell/faculty/internal local projects available

BPH: Humanities and Social Science Courses, BPC: Planning Core Course including studio, BPPE: Professional Elective Courses (Branch Specific Elective), BPOE: Open Elective Courses (Cross Discipline Electives), BPPS: Project work, Internship in Industry / Field work, BPPT: Professional Training, BPAU: Non Credit Mandatory Course, , BPPTH: Thesis, AEC- Ability Enhancement Course, HSMC- Humanity Science and Management Courses

1 Hour Lecture (L) per week = 1 Credit, 2 Hour Tutorial (T)/Practical(P)/Studio (S)/ Workshop (W)/Seminar(S) per week = 1 Credit

21UH39- Social connect and Responsibility - Universal Human Value course UGC mandatory course 21CIP47- Constitution of India & Professional Ethics

AICTE Activity Points to be earned by students admitted to BE/B.Tech., /B.Plan day college programme (For more details refer to Chapter 6, AICTE Activity Point Programme, Model Internship Guidelines): Over and above the academic grades, every Day College regular student admitted to the 4 years Degree programme and every student entering 4 years Degree programme through lateral entry, shall earn 100 and 75 Activity Points respectively for the award of degree through AICTE Activity Point Programme. Students transferred from other Universities to the fifth semester are required to earn 50 Activity Points from the year of entry to VTU. The Activity Points earned shall be reflected on the student's eighth semester Grade Card. The activities can be spread over the years, anytime during the semester weekends and holidays, as per the liking and convenience of the student from the year of entry to the programme. However, the minimum hours' requirement should be fulfilled. Activity Points (non-credit) do not affect SGPA/CGPA and shall not be considered for vertical progression. In case students fail to earn the prescribed activity Points, an Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of the degree only after the release of the Eighth semester Grade Card.

The essence and details of Induction Program can also be understood from the 'Detailed Guide on Student Induction program', as available on AICTE Portal, (Link: <https://www.aicteindia.org/sites/default/files/Detailed%20Guide%20on%20Student%20Induction%20program.pdf>).

21KBK28 Balake Kannada (Kannada for communication) is for non-Kannada speaking, reading, and writing students, and 21KSK28 Samskrutika Kannada (Kannada for Administration) is for students who speak, read and write Kannada.

Visvesvaraya Technological University, Belagavi
BACHELOR OF PLANNING
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SEMESTER-IV

Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week							Examination					Credits	
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	SEE Marks				Total
														Theory Marks	Term Work	Viva Marks		
L	T	S	P	SM	SS													
1	BPPS	21PLN41	Planning Studio: Site Planning		-	-	-	10	-	-	10	-	50	-	-	50	100	5
2	BPC	21PLN42	Planning Theory II		3	-	-	-	-	-	3	3	50	50	-	-	100	3
3	BPC	21PLN43	Planning Practice - I		1	2	-	-	-	-	3	3	50	50	-	-	100	2
4	BPC	21PLN44	Traffic and Transport Planning – II		3	-	-	-	-	-	3	3	50	50	-	-	100	3
5	BPC	21PLN45	Ecology and Resource Planning		2	-	-	-	-	1	3	3	50	50	-	-	100	2
6	BPPE	21PLN46x	Professional Elective Courses I		3	-	-	-	-	-	3	3	50	50	-	-	100	3
7	HSMS	21CIP47	Constitution of India & Professional Ethics		1	-	-	-	-	-	2	1	50	50	-	-	100	1
8	UHV	21PLN48/ 21UH49	Universal Human Values		1	-	-	-	-	1	2	1	50	50	-	-	100	1
Total											29	15	400	350			800	20

BPH: Humanities and Social Science Courses, BPC: Planning Core Course including studio, BPPE: Professional Elective Courses (Branch Specific Elective), BPOE: Open Elective Courses (Cross Discipline Electives), BPPS: Project work, Internship in Industry / Field work, BPPT: Professional Training, BPAU: Non Credit Mandatory Course, , BPPTH: Thesis, AEC- Ability Enhancement Course, HSMC- Humanity Science and Management Courses

1 Hour Lecture (L) per week = 1 Credit, 2 Hour Tutorial (T)/Practical(P)/Studio (S)/ Workshop (W)/Seminar(S) per week = 1 Credit

1	BPPE	21PLN461	Advanced Spatial Data Infrastructure for Planning
2	BPPE	21PLN462	Public Policy and Politics in Planning
3	BPPE	21PLN463	Rural Business Management
4	BPPE	21PLN464	Statistical applications in planning
5	BPPE	21PLN465	Sampling & Survey techniques in planning

Visvesvaraya Technological University, Belagavi
BACHELOR OF PLANNING
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SEMESTER-VI																		
Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week							Examination						
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	SEE Marks			Total	Credits
					L	T	S	P	SM	SS				Theory Marks	Term Works	Viva Marks		
1	BPPS	21PLN61	Planning Studio: Master Development Plan		-	-	-	10	-	-	10	-	50	-		50	100	5
2	BPC	21PLN62	Environment Planning		3	-	-	-	-	-	3	3	50	50		-	100	3
3	BPC	21PLN63	Land Economics and Location Theory		3	-	-	-	-	-	3	3	50	50		-	100	3
4	BPC	21PLN64	Urban/Development Finance		2	-	-	-	-	-	2	3	50	50		-	100	2
5	BPC	21PLN65	Planning for Informal Sector and the Urban Poor		3	-	-	-	-	-	3	3	50	50		-	100	3
6	BPPE	21PLN66x	Professional Elective – III		3	-	-	-	-	-	3	3	50	50		-	100	3
7	BPOE	21PLN67x	Open Elective – II		2	-	-	-	-	-	2	3	50	50		-	100	2
Total								2			26	18	350	300		50	700	21
8	NCMC	21PE69/ 21YO69/ 21NS69	Physical Education (Sports & Athletics)/ Yoga/ NSS	PE/NSS	-	-	-	2	-	-	2	-	50	50		-	100	-

1 Hour Lecture (L) per week = 1 Credit, 2 Hour Tutorial (T)/Practical(P)/Studio (S)/ Workshop (W)/Seminar(S) per week = 1 Credit

BPH: Humanities and Social Science Courses, BPC: Planning Core Course including studio, BPPE: Professional Elective Courses (Branch Specific Elective), BPOE: Open Elective Courses (Cross Discipline Electives), BPPS: Project work, Internship in Industry / Field work, BPPT: Professional Training, BPAU: Non Credit Mandatory Course, , BPPTH: Thesis, AEC- Ability Enhancement Course, HSMC- Humanity Science and Management Courses

Professional Elective-III				Open Elective-II		
1	BPPE	21PLN66.1	Real Estate Development and	1	BPOE	Metropolitan Planning and Development
2	BPPE	21PLN66.2	Climate Change, Disaster Risk and	2	BPOE	Life science
3	BPPE	21PLN66.3	Land Economics & Locational	3	BPOE	Research Methods in Planning
4	BPPE	21PLN66.4	Tourism Geography development	4	BPOE	Placement Training
5	BPPE	21PLN66.5	Sustainable Materials and Green	5	BPOE	Project Estimation and Costing

Visvesvaraya Technological University, Belagavi
BACHELOR OF PLANNING
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SMESTER-VII																		
Sl No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week						Total	Duration in Hours	CIE marks	Examination			Total	Credits
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study				SEE Marks				
														Theory Marks	Term Work	Viva Marks		
L	T	S	P	SM	SS													
1	BPPS	21PLN71	Planning Studio: Regional Plan		-	-	-	10	-	-	10	-	50	-	-	50	100	5
2	BPC	21PLN72	Introduction to Regional Planning		3	-	-	-	-	-	3	3	50	50	-	-	100	3
3	BPC	21PLN73	Planning Legislation – I		3	-	-	-	-	-	3	3	50	50	-	-	100	3
4	BPC	21PLN74	Dissertation and Training seminar		-	-	3	3	-	-	3	3	50	-	-	50	100	3
5	BPPE	21PLN75x	Professional Elective- IV		2	-	-	-	-	1	3	3	50	50	-	-	100	2
6	BPOE	21PLN76x	Open Elective- III		2	-	-	-	-	1	3	3	50	50	-	-	100	2
7	BPPT	21PLN77	Professional Training – II		-	-	-	-	-	-	-	-	-	-	-	100	100	3
Total											25	15	300	200		200	700	21

* At the end of the 6th semester, Students will undergo professional training in a department approved organization on a project for 6weeks. This will be supervised training by a senior professional from the organization. Satisfactory completion of training will be mandatory for the award of a degree. Training will be evaluated by the faculty.

*Dissertation is to introduce to the students to research methods and to develop competencies to critically examine a topic of their interest and present it. This will be a preparatory stage for the terminal /thesis Project. The purpose is to take students from a point at which they have general ideas about their topic for terminal/thesis project and develop research questions, structure, research strategy and present critical analysis of existing literature review on the topic

BPH: Humanities and Social Science Courses, BPC: Planning Core Course including studio, BPPE: Professional Elective Courses (Branch Specific Elective), BPOE: Open Elective Courses (Cross Discipline Electives), BPPS: Project work, Internship in Industry / Field work, BPPT: Professional Training, BPAU: Non Credit Mandetory Course, , BPPTH: Thesis, AEC- Ability Enhancement Course, HSMC- Humanity Science and Management Courses

1 Hour Lecture (L) per week = 1 Credit, 2 Hour Tutorial (T)/Practical(P)/Studio (S)/ Workshop (W)/Seminar(S) per week = 1 Credit

Professional Elective- IV			
1	BPPE	21PLN751	Landscape Planning and Design
2	BPPE	21PLN752	Heritage, Renewal and Redevelopment
3	BPPE	21PLN753	Water Resources Management
4	BPPE	21PLN754	Sustainable Urban Development
5	BPPE	21PLN755	Inclusive Planning

Open Elective - III			
1	BPOE	21PLN761	Institutions and Planning
2	BPOE	21PLN762	Basic of Quality Management
3	BPOE	21PLN763	Solid Waste Managment
4	BPOE	21PLN764	Energy Efficiency Planning
5	BPOE	21PLN765	Intelligent Transportation

Visvesvaraya Technological University, Belagavi
BACHELOR OF PLANNING
 Scheme of Teaching and Examination (2021)
 Outcome based Education (OBE) Choice Based Credit System (CBCS)

SMESTER-VIII																		
SI No	Course category	Course Code	Title of the Subject	Teaching Dept	Teaching Hours/ Week							Examination					Credits	
					Lecture	Tutorial	Studio	Practical	Seminar	Self Study	Total	Duration in Hours	CIE marks	SEE Marks				Total
														Theory Marks	Term Work	Viva Marks		
L	T	S	P	SM	SS													
1	BPPTH	21PLN81	Planning Thesis		-	-	2	18	-	-	20	-	200	-	-	200	400	10
2	BPC	21PLN82	Planning Legislation - II		3	-	-	-	-	-	3	3	50	50	-	-	100	3
3	BPC	21PLN83	Planning Practice – II		2	-	-	2	-	-	4	3	50	50	-	-	100	3
4	BPC	21PLN84	Planning Ethics		2	-	-	-	-	-	2	3	50	50	-	-	100	2
			Total								29	9	350	150	0	200	700	18
Planning Thesis: Each student of Bachelor of Planning is required to prepare a thesis on a subject concerning urban, rural or regional planning and development. Each research topic would be approved by the faculty and finalized through discussions within the department.																		
BPH: Humanities and Social Science Courses, BPC: Planning Core Course including studio, BPPE: Professional Elective Courses (Branch Specific Elective), BPOE: Open Elective Courses (Cross Discipline Electives), BPPS: Project work, Internship in Industry / Field work, BPPT: Professional Training, BPAU: Non Credit Mandatory Course, , BPPTH: Thesis, AEC- Ability Enhancement Course, HSMC- Humanity Science and Management Courses																		
1 Hour Lecture (L) per week = 1 Credit, 2 Hour Tutorial (T)/Practical(P)/Studio (S)/ Workshop (W)/Seminar(S) per week = 1 Credit																		