

PRIST UNIVERSITY

Vellore, Thanjavur - 612 016

FACULTY OF CIVIL ENGINEERING

Syllabus

2008-2009

SEMESTER III

Code No.	Course Title	L	T	P	C	IE	UE	M
BCVL 301	Maths III	4	1	0	3	50	50	100
BCVL 302	Environmental Science	3	0	0	3	50	50	100
BCVL 303	Mechanics of Solids	3	1	0	4	50	50	100
BCVL 304	Survey I	4	0	0	4	50	50	100
BCVL 305	Fluid Mechanics	3	1	0	4	50	50	100
BCVL 306	Hydrology	4	0	0	4	50	50	100
BCVL 307 P	Survey Practice I	0	0	4	2	50	50	100
BCVL 308 P	Fluid Mechanics Lab I	0	0	4	2	50	50	100

HR – 1 Period, Seminar – 1 Period, Library – 1 Period

SEMESTER IV

Code No.	Course Title	L	T	P	C	IE	UE	M
BCVL 401	Numerical methods	4	1	0	3	50	50	100
BCVL 402	Geology	3	0	0	3	50	50	100
BCVL 403	Construction techniques , equipments and Practice	4	0	0	4	50	50	100
BCVL 404	Irrigation Engineering	4	0	0	4	50	50	100
BCVL 405	Survey II	4	0	0	4	50	50	100
BCVL 406	Advanced Fluid Mechanics	3	1	0	4	50	50	100
BCVL 407 P	Survey Practice II	0	0	4	2	50	50	100
BCVL 408 P	Computer Aided Drawing I	0	0	4	2	50	50	100

HR – 1 Period, Seminar – 1 Period, Library – 1 Period

SEMESTER V

Code No.	Course Title	L	T	P	C	IE	UE	M
BCVL 501	Professional Ethics	3	0	0	3	50	50	100
BCVL 502	Principles of Management	3	0	0	3	50	50	100
BCVL 503	Structural Analysis I	3	1	0	4	50	50	100
BCVL 504	Geotechnical Engineering I	3	1	0	4	50	50	100
BCVL 505	RCC I	3	1	0	4	50	50	100
BCVL 506	Transportation Engineering	4	0	0	4	50	50	100
BCVL 507 P	Computer Aided Drawing II	0	0	4	2	50	50	100
BCVL 508 P	Strength Of material Lab	0	0	4	2	50	50	100

Seminar – 3 Period , Library – 2 Period

SEMESTER VI

Code No.	Course Title	L	T	P	C	IE	UE	M
BCVL 601	Remote Sensing and GIS	3	0	0	3	50	50	100
BCVL 602	Engineering Economics & Cost analysis	3	0	0	3	50	50	100
BCVL 603	Structural Analysis II	3	1	0	4	50	50	100
BCVL 604	Geotechnical Engineering II	3	1	0	4	50	50	100
BCVL 605	RCC II	3	1	0	4	50	50	100
BCVL 606	Environmental Engineering	4	0	0	4	50	50	100
BCVL 607 P	Geotechnical Engineering Lab	0	0	4	2	50	50	100
BCVL 608 P	Environmental Engineering Lab	0	0	4	2	50	50	100

Seminar – 3 Period, Library – 2 Period

SEMESTER VII

Code No.	Course Title	L	T	P	C	IE	UE	M
BCVL 701	Total Quality Management	3	0	0	3	50	50	100
BCVL 702	Cartography	3	0	0	3	50	50	100
BCVL 703	Foundation Design	3	1	0	4	50	50	100
BCVL 704	Design Of steel structures	3	1	0	4	50	50	100
BCVL 705 E0	Elective I	3	1	0	4	50	50	100
BCVL 706 E0	Elective II	4	0	0	4	50	50	100
BCVL 707 P	Computer Aided Drawing III	0	0	4	2	50	50	100
BCVL 708 P	Estimation & Cost Evaluation (WP)	0	0	4	2	50	50	100

Seminar – 3 Period, Library – 2 Period

Elective – I

BCVL 705 E01 Finite Element Technique
BCVL 705 E02 Prefabricated Structures
BCVL 705 E03 Pre stressed Concrete design

Elective – II

BCVL 706 E01 Water Power Engineering
BCVL 706 E02 Ground water Hydrology
BCVL 706 E03 Industrial Waste Management

SEMESTER VIII

Code No.	Course Title	C	IE	UE	M
BCVL 801	Project work And Viva Voce	6	150	150	200