

RGUKT-M.Tech Curriculum

Specialization:	Computational Engineering	Discipline: CSE
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SEMESTER-I

Subject Code	Subject Name	Credits
CS6002	Object Oriented Programming	3
CS6009	Advanced Data Structures and Algorithms	3
MA6001	Numerical Methods and Computation	3
***	Web Technologies and Programming	3
HS6701	English&Softskills-I	2
***	Survey Paper-I	2

SEMESTER-II

Subject Code	Subject Name	Credits
	Advanced Computer Architecture	3
CS6041	Database Management Systems	3
***	Compiler Design	3
HS6703	English&Softskills-II(Entrepreneurship)	2
	Operating Systems	2
***	Survey Paper-II	2

SEMESTER-III

Subject Code	Subject Name	Credits
CS6011	Computer Networks and Information Security	3
CS6042	System Software Design	3
HS6702	Privacy, E-Business , Entertainment Technologies	2
EC6703	Language Processors	2
	Computational tools(Matlab,latex,python,shell scripting)	2

SEMESTER-IV

Subject Code	Subject Name	Credits
CS6010	Software Engineering	3
***	Research Writing and Frontiers of Research paper	20

SEMESTER-V

Subject Code	Subject Name	Credits
***	Project Work	20

RGUKT-M.Tech Curriculum

Specialization:

Computational Engineering

Discipline: ECE

SEMESTER-I

Subject Code	Subject Name	Credits
CS6002	Object Oriented Programming	3
CS6009	Advanced Data Structures and Algorithms	3
MA6001	Numerical Methods and Computation	3
***	Wireless Communications	3
HS6701	English&Softskills-I	2
***	Survey Paper-I	2

SEMESTER-II

Subject Code	Subject Name	Credits
	Advanced Computer Architecture	3
CS6041	Database Management Systems	3
***	Digital Image processing	3
HS6703	English&Softskills-II(Entrepreneurship)	2
	Digital system design	2
***	Survey Paper-II	2

SEMESTER-III

Subject Code	Subject Name	Credits
CS6011	Computer Networks and Information Security	3
CS6042	System Software Design	3
HS6702	Privacy, E-Business , Entertainment Technologies	2
EC6703	Language Processors	2
	Computational tools(Matlab,latex,python,shell scripting)	2

SEMESTER-IV

Subject Code	Subject Name	Credits
CS6010	Software Engineering	3
***	Research Writing and Frontiers of Research paper	20

SEMESTER-V

Subject Code	Subject Name	Credits
***	Project Work	20