|| विद्या विनयेन शोभते ||
Janardan Bhagat Shikshan Prasarak Sanstha's
CHANGU KANA THAKUR
ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL (AUTONOMOUS)
Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA 3.61)
'College with Potential for Excellence' Status Awarded by UGC
'Best College Award' by University of Mumbai

Programmes Offered
Department of Information Technology
MSc. I.T. Part-I

No. of Courses	Semester I	Credits	No. of Courses	Semester II	Credits
A	*Discipline Specific Course (Major)*		**A**	*Discipline Specific Course (Major)*	
1	Data Science	04	1	Big Data Analytics	04
2	Image processing	04	2	Modern Networking	04
3	Soft Computing Techniques	04	3	Natural Language Processing	04
4	Practical : Practical of Data Science + Practical of Image Processing	02	4	Practical: Practical of Big Data Analytics + Practical of Modern Networking	02
B	*Discipline Specific Course (Elective) (Students will select any 1 out of 2)*		**B**	*Discipline Specific Course (Elective) (Students will select any 1 out of 2)*	
5	Cloud Computing	02	5	Microservices Architecture	02
	Ethical Hacking			Data Security	
6	Practical: Practical of Cloud Computing + Practical of Soft Computing Technique	02	6	Practical : Practical of Microservices Architecture + Practical of Natural Language Processing	02
C	*Discipline Specific Course(Minor)*		**C**	*Discipline Specific Course(Minor)*	
7	Research Methodology	04		-	
			D	*OJT/FP/CEP/RP*	
			7	On Job Training/ Research Project	04
	Total Credits	22		Total Credits	22

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MSc I.T. Part-II

No. of Courses	Semester III	Credits	No. of Courses	Semester IV	Credits
A	*Discipline Specific Course (Major)*		A	*Discipline Specific Course (Major)*	
1	Advanced AI	04	1	Blockchain	04
2	Machine Learning	04	2	Robotic Process Automation	04
3	Cyber Forensics	04	3	Deep Learning	04
4	Practical: Practical of Advanced AI + Practical of Machine Learning	02	4	Practical: Practical of Blockchain + Practical of Robotic Process Automation+ Practical of Deep Learning	02
B	*Discipline Specific Course (Elective) (Students will select any 1 out of 2)*		B	*Discipline Specific Course (Elective) (Students will select any 1 out of 2)*	
5	Security Breaches and Countermeasures	02	5	Human Computer Interaction	02
	Technical Writing and Entrepreneurship Development			Security Operations Center	
6	Practical: Practical of Cyber Forensics + Practical of Security Breaches and Countermeasures	02	6	-	-
	Practical: Practical of Cyber Forensics + Practical of Technical Writing and Entrepreneurship Development			-	-
C	*Discipline Specific Course(Minor)*		C	*Discipline Specific Course(Minor)*	
7	Research Project	04		Project Implementation and Viva	06
	Total Credits	22		Total Credits	22