



### 3.1 List of courses offered across all programs during last five years

**Program name: Computer Science and Engineering**

**Program Code: 628324210**

Course code	Course name	Year of offering the course
<b>First Year – Under Graduate</b>		
OBSBS101	Applied Physics	2017-18
OBSBS102	Applied Mathematics I	2017-18
OBSES103	Basic Electrical Engineering	2017-18
OBSES104	Basic Civil Engineering	2017-18
OBSES105	Engineering Graphics	2017-18
OBSSH106	Professional Communication	2017-18
OBSBS107	Applied Mathematics I	2017-18
OBSES151	Workshop Practice	2017-18
OBSBS152	Applied Physics Lab	2017-18
OBSES153	Basic Electrical Engineering Lab	2017-18
OBSES154	Basic Civil Engineering Lab	2017-18
OBSES155	Engineering Graphics Lab	2017-18
OBSSH156	Professional Communication	2017-18
OBSBS108	Applied Chemistry	2017-18
OBSBS113	Applied Mathematics II	2017-18
OBSES109	Basic Electronic Engineering	2017-18
OBSES110	Engineering Mechanics	2017-18
OBSES111	Basic Mechanical Engineering	2017-18
OBSES112	Computer Programming	2017-18
OBSBS114	Applied Mathematics II	2017-18
OBSES157	Basic Electronic Engineering Lab	2017-18
OBSBS158	Applied Chemistry Lab	2017-18
OBSES159	Engineering Mechanics Lab	2017-18
OBSES160	Basic Mechanical Engineering Lab	2017-18
OBSES161	Computer Programming Lab	2017-18
<b>Second Year - Under Graduate</b>		
CSE211	Applied Mathematics	2017-18
CSE212	Discrete Mathematical Structures	2017-18
CSE213	Data Structures	2017-18
CSE214	Data Communication	2017-18
CSE215	Microprocessors	2017-18
CSE216	Programming Lab I	2017-18
CSE217	Soft Skills	2017-18
CSE221	Automata Theory	2017-18
CSE222	Computer Networks	2017-18
CSE223	Computer Organizations	2017-18



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CSE224	Operating System I	2017-18
CSE225	Software Engineering	2017-18
CSE226	Programming Lab II	2017-18
CSE227	Mini Project	2017-18
CSE228	Environmental Science	2017-18
<b>Third Year - Under Graduate</b>		
CSE311	Computer Graphics	2017-18
CSE312	System Programming	2017-18
CSE313	Object Oriented Modelling and Design	2017-18
CSE314	Computer Algorithms	2017-18
CSE315	Network Technologies	2017-18
CSE316	Programming Laboratory III	2017-18
CSE317	Business English	2017-18
CSE321	Compiler Construction	2017-18
CSE322	Operating System II	2017-18
CSE323	Database Engineering	2017-18
CSE324	Storage Networks	2017-18
CSE325	Information Security	2017-18
CSE326	Programming Lab IV	2017-18
CSE327	Domain Specific Mini Project	2017-18
<b>Final Year - Under Graduate</b>		
CS7C01	Advanced Computer Architecture	2017-18
CS7L02	Distributed Systems	2017-18
CS7L03	Advanced Database System	2017-18
CS7E04A	Elective I Soft Computing	2017-18
CS7E04B	Elective I Mobile Applications	2017-18
CS7E04C	Elective I Adhoc Wireless Networks	2017-18
CS7L05	Web Technologies I	2017-18
CS7L06	Project-I	2017-18
CS8C01	Data Analytics	2017-18
CS8C02	Project Management	2017-18
CS8C03	Real Time Operating System	2017-18
CS8E04A	Elective II IOT	2017-18
CS8E04B	Elective II STQA	2017-18
CS8E04C	Elective II Intro to Mainframes	2017-18
CS8L05	Web Technologies I	2017-18
CS8L06	Project-II	2017-18
CS8L07	Community Services	2017-18
<b>First Year – Post Graduate</b>		
OCSCS501	Computational Mathematics	2017-18
OCSCS502	Design of Database Systems	2017-18
OCSCS503	Advanced Computer Networks	2017-18
OCSCS504	Design & Analysis of Algorithms	2017-18
OCSCS505	PE I-Graphics & Visualization	2017-18
OCSCS506	PE I-Data Science	2017-18



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OCSCS507	Research Methodology (MC)	2017-18
OCSCS551	Design of Database Systems Lab	2017-18
OCSCS552	Advanced Computer Networks Lab	2017-18
OCSCS553	Seminar-I	2017-18
OCSCS508	Intellectual Property Rights (AC)	2017-18
OCSCS509	Software & Design Architecture	2017-18
OCSCS510	Parallel Computing	2017-18
OCSCS511	Computation Cryptography & Network Security	2017-18
OCSCS512	PE II-Advanced Distributed Operating Systems	2017-18
OCSCS513	PE II –Computer Vision and Image Processing	2017-18
OCSCS514	PE III-Soft Computing	2017-18
OCSCS515	PE III-Bio-informatics	2017-18
OCSCS554	Parallel Computing Laboratory	2017-18
OCSCS555	PE II- Advanced Distributed Operating Systems Laboratory	2017-18
OCSCS556	PE II-Computer Vision and Image Processing Laboratory	2017-18
OCSCS557	Seminar-II	2017-18
OCSCS558	Internet of Things	2017-18
<b>Second Year – Post Graduate</b>		
ME601	Dissertation Phase I	2017-18
ME602	Dissertation Phase II	2017-18

  
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### 3.1 List of courses offered across all programs during last five years

**Program name: Computer Science and Engineering**

**Program Code: 628324210**

Course code	Course name	Year of offering the course
<b>First Year - Under Graduate</b>		
OBSBS101	Applied Physics	2018-19
OBSBS102	Applied Mathematics I	2018-19
OBSES103	Basic Electrical Engineering	2018-19
OBSES104	Basic Civil Engineering	2018-19
OBSES105	Engineering Graphics	2018-19
OBSSH106	Professional Communication	2018-19
OBSBS107	Applied Mathematics I	2018-19
OBSES151	Workshop Practice	2018-19
OBSBS152	Applied Physics Lab	2018-19
OBSES153	Basic Electrical Engineering Lab	2018-19
OBSES154	Basic Civil Engineering Lab	2018-19
OBSES155	Engineering Graphics Lab	2018-19
OBSSH156	Professional Communication	2018-19
OBSBS108	Applied Chemistry	2018-19
OBSBS113	Applied Mathematics II	2018-19
OBSES109	Basic Electronic Engineering	2018-19
OBSES110	Engineering Mechanics	2018-19
OBSES111	Basic Mechanical Engineering	2018-19
OBSES112	Computer Programming	2018-19
OBSBS114	Applied Mathematics II	2018-19
OBSES157	Basic Electronic Engineering Lab	2018-19
OBSBS158	Applied Chemistry Lab	2018-19
OBSES159	Engineering Mechanics Lab	2018-19
OBSES160	Basic Mechanical Engineering Lab	2018-19
OBSES161	Computer Programming Lab	2018-19
<b>Second Year - Under Graduate</b>		
OCSBS201	Discrete Mathematics	2018-19
OCSPC202	Data Structures	2018-19
OCSPC203	Data Communication	2018-19
OCSPC204	Processor Architectures	2018-19
OCSBS205	Statistics and Fuzzy Systems	2018-19
OCSPC251	Data Structures Laboratory	2018-19
OCSPC252	Processor Architectures Laboratory	2018-19
OCSES253	Programming Laboratory-I	2018-19
OCSAC211	Communication Skills	2018-19
OCSBS206	Theory of Computer Science	2018-19



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OCSPC207	Computer Networks	2018-19
OCSPC208	Operating System-I	2018-19
OCSPC209	Software Engineering	2018-19
OCSPC210	Computer Architecture	2018-19
OCSPC254	Operating System-I Laboratory	2018-19
OCSPC255	Computer Networks Laboratory	2018-19
OCSES256	Programming Laboratory- II	2018-19
OCSPR257	Mini-Project	2018-19
OCSMC212	Environmental Studies	2018-19
<b>Third Year - Under Graduate</b>		
CSE311	Computer Graphics	2018-19
CSE312	System Programming	2018-19
CSE313	Object Oriented Modelling and Design	2018-19
CSE314	Computer Algorithms	2018-19
CSE315	Network Technologies	2018-19
CSE316	Programming Laboratory III	2018-19
CSE317	Business English	2018-19
CSE321	Compiler Construction	2018-19
CSE322	Operating System II	2018-19
CSE323	Database Engineering	2018-19
CSE324	Storage Networks	2018-19
CSE325	Information Security	2018-19
CSE326	Programming Lab IV	2018-19
CSE327	Domain Specific Mini Project	2018-19
<b>Final Year – Under Graduate</b>		
CS7C01	Advanced Computer Architecture	2018-19
CS7L02	Distributed Systems	2018-19
CS7L03	Advanced Database System	2018-19
CS7E04A	Elective I Soft Computing	2018-19
CS7E04B	Elective I Mobile Applications	2018-19
CS7E04C	Elective I Adhoc Wireless Networks	2018-19
CS7L05	Web Technologies I	2018-19
CS7L06	Project-I	2018-19
CS8C01	Data Analytics	2018-19
CS8C02	Project Management	2018-19
CS8C03	Real Time Operating System	2018-19
CS8E04A	Elective II IOT	2018-19
CS8E04B	Elective II STQA	2018-19
CS8E04C	Elective II Intro to Mainframes	2018-19
CS8L05	Web Technologies I	2018-19
CS8L06	Project-II	2018-19
CS8L07	Community Services	2018-19
<b>First Year – Post Graduate</b>		
OCSCS501	Computational Mathematics	2018-19
OCSCS502	Design of Database Systems	2018-19



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OCSCS503	Advanced Computer Networks	2018-19
OCSCS504	Design & Analysis of Algorithms	2018-19
OCSCS505	PE I-Graphics & Visualization	2018-19
OCSCS506	PE I-Data Science	2018-19
OCSCS507	Research Methodology (MC)	2018-19
OCSCS551	Design of Database Systems Lab	2018-19
OCSCS552	Advanced Computer Networks Lab	2018-19
OCSCS553	Seminar-I	2018-19
OCSCS508	Intellectual Property Rights (AC)	2018-19
OCSCS509	Software & Design Architecture	2018-19
OCSCS510	Parallel Computing	2018-19
OCSCS511	Computation Cryptography & Network Security	2018-19
OCSCS512	PE II-Advanced Distributed Operating Systems	2018-19
OCSCS513	PE II -Computer Vision and Image Processing	2018-19
OCSCS514	PE III-Soft Computing	2018-19
OCSCS515	PE III-Bio-informatics	
OCSCS554	Parallel Computing Laboratory	2018-19
OCSCS555	PE II- Advanced Distributed Operating Systems Laboratory	2018-19
OCSCS556	PE II-Computer Vision and Image Processing Laboratory	2018-19
OCSCS557	Seminar-II	2018-19
OCSCS558	Internet of Things	2018-19
<b>Second Year – Post Graduate</b>		
OCSPR651	Dissertation Phase I	2018-19
OCSPR652	Dissertation Phase II	2018-19
OCSPR653	Dissertation Phase III	2018-19
OCSPR654	Dissertation Phase IV	2018-19

  
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### 3.1 List of courses offered across all programs during last five years

**Program name: Computer Science and Engineering**

**Program Code: 628324210**

Course code	Course name	Year of offering the course
<b>First Year – Under Graduate</b>		
1CSBS101	Applied Mathematics - I	2019-20
1CSBS102	Engineering Physics and Chemistry	2019-20
1CSES103	Basic Electrical Engineering	2019-20
1CSES104	Engineering Mechanics	2019-20
1CSES105	Engineering Graphics	2019-20
1CSBS151	Engineering Physics and Chemistry Laboratory	2019-20
1CSES152	Engineering Graphics Laboratory	2019-20
1BSHS153	Professional Communication	2019-20
1CSBS106	Applied Mathematics - II	2019-20
1CSPC107	Data Communication	2019-20
1CSES108	Basic Mechanical Engineering	2019-20
1CSES109	Basic Electronics Engineering	2019-20
1CSBS110	Biology for Engineers	2019-20
1CSES154	Basic Electronics Engineering Laboratory	2019-20
1CSBS155	Biology for Engineers Laboratory	2019-20
1CSES156	Computer Programming	2019-20
<b>Second Year - Under Graduate</b>		
0CSBS201	Discrete Mathematics	2019-20
0CSPC202	Data Structures	2019-20
0CSPC203	Data Communication	2019-20
		2019-20
0CSPC204	Processor Architectures	2019-20
0CSBS205	Statistics and Fuzzy Systems	2019-20
0CSPC251	Data Structures Laboratory	2019-20
0CSPC252	Processor Architectures Laboratory	2019-20
0CSES253	Programming Laboratory-I	2019-20
0CSAC211	Communication Skills	2019-20
0CSBS206	Theory of Computer Science	2019-20
0CSPC207	Computer Networks	2019-20
0CSPC208	Operating System-I	2019-20
0CSPC209	Software Engineering	2019-20
0CSPC210	Computer Architecture	2019-20
0CSPC254	Operating System-I Laboratory	2019-20
0CSPC255	Computer Networks Laboratory	2019-20
0CSES256	Programming Laboratory- II	2019-20
0CSPR257	Mini-Project	2019-20



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OCSMC212	Environmental Studies	2019-20
<b>Third Year - Under Graduate</b>		
OCSPC301	Internet of Things	2019-20
OCSPC302	Computer Algorithms	2019-20
OCSPC303	System Software	2019-20
OCSPC304	Information & Network Security	2019-20
OCSPC305	Database Engineering	2019-20
OCSPC351	Computer Algorithms Laboratory	2019-20
OCSPC352	Database Engineering Laboratory	2019-20
OCSPE353	Professional Elective- I-Advanced Programming	2019-20
OCSPE354	Professional Elective- I-Software Testing and Quality Assurance	2019-20
OCSPE355	Professional Elective- I-Network Administration	2019-20
OCSPR356	Theme Based Mini Project	2019-20
OCSAC314	Entrepreneurship Development and Planning	2019-20
OCSPC306	Advanced Database System	2019-20
OCSPC307	Machine Learning	2019-20
OCSPE308	Professional Elective- II- Digital Image Processing	2019-20
OCSPE309	Professional Elective- II- Ad hoc Networks	2019-20
OCSPE310	Professional Elective- II- Advanced Data Structures	2019-20
OCSPE311	Professional Elective- III- Computer Graphics and Multimedia Techniques	2019-20
OCSPE312	Professional Elective- III- Storage Networks	2019-20
OCSPE313	Professional Elective- III- Cyber Security	2019-20
OCSPC357	Unix & Shell Programming Laboratory	2019-20
OCSPC358	Object Oriented Modeling and Design	2019-20
OCSPC359	Advanced Database Laboratory	2019-20
OCSPC360	Web Programming	2019-20
OCSAC315	Soft Skills	2019-20
<b>Final Year – Under Graduate</b>		
CS7C01	Advanced Computer Architecture	2019-20
CS7L02	Distributed Systems	2019-20
CS7L03	Advanced Database System	2019-20
CS7E04A	Elective I Soft Computing	2019-20
CS7E04B	Elective I Mobile Applications	2019-20
CS7E04C	Elective I Adhoc Wireless Networks	2019-20
CS7L05	Web Technologies I	2019-20





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CS7L06	Project-I	2019-20
CS8C01	Data Analytics	2019-20
CS8C02	Project Management	2019-20
CS8C03	Real Time Operating System	2019-20
CS8E04A	Elective II IOT	2019-20
CS8E04B	Elective II STQA	2019-20
CS8E04C	Elective II Intro to Mainframes	2019-20
CS8L05	Web Technologies I	2019-20
CS8L06	Project-II	2019-20
CS8L07	Community Services	2019-20
<b>Second Year – Post Graduate</b>		
OCSPR651	Dissertation Phase I	2019-20
OCSPR652	Dissertation Phase II	2019-20
OCSPR653	Dissertation Phase III	2019-20
OCSPR654	Dissertation Phase IV	2019-20

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### 3.1 List of courses offered across all programs during last five years

**Program name: Computer Science and Engineering**

**Program Code: 628324210**

Course code	Course name	Year of offering the course
<b>First Year – Under Graduate</b>		
1CSBS101	Applied Mathematics - I	2020-21
1CSBS102	Engineering Physics and Chemistry	2020-21
1CSES103	Basic Electrical Engineering	2020-21
1CSES104	Engineering Mechanics	2020-21
1CSES105	Engineering Graphics	2020-21
1CSBS151	Engineering Physics and Chemistry Laboratory	2020-21
1CSES152	Engineering Graphics Laboratory	2020-21
1BSHS153	Professional Communication	2020-21
1CSBS106	Applied Mathematics - II	2020-21
1CSPC107	Data Communication	2020-21
1CSES108	Basic Mechanical Engineering	2020-21
1CSES109	Basic Electronics Engineering	2020-21
1CSBS110	Biology for Engineers	2020-21
1CSES154	Basic Electronics Engineering Laboratory	2020-21
1CSBS155	Biology for Engineers Laboratory	2020-21
1CSES156	Computer Programming	2020-21
<b>Second Year - Under Graduate</b>		
1CSBS201	Discrete Mathematics	2020-21
1CSPC202	Data Structures	2020-21
1CSPC203	Computer Networks	2020-21
1CSPC204	Processor Architecture	2020-21
1CSPC205	Software Engineering	2020-21
1CSPC251	Data Structures Laboratory	2020-21
1CSPC252	Computer Networks Laboratory	2020-21
1CSES253	Processor Architecture Laboratory	2020-21
1CSES254	Programming Laboratory- I	2020-21
1CSBS206	Statistics and Fuzzy Systems	2020-21
1CSPC207	Theory of Computation	2020-21
1CSPC208	Operating Systems	2020-21
1CSPC209	Database Engineering	2020-21
1CSPC210	Computer Architecture	2020-21
1CSPC255	Operating Systems Laboratory	2020-21
1CSPC256	Database Engineering Laboratory	2020-21
1CSPC257	Programming Laboratory- II	2020-21
1CSMC211	Environmental Studies	2020-21

**Third Year - Under Graduate**

OCSPC301	Internet of Things	2020-21
OCSPC302	Computer Algorithms	2020-21
OCSPC303	System Software	2020-21
OCSPC304	Information & Network Security	2020-21
OCSPC305	Database Engineering	2020-21
OCSPC351	Computer Algorithms Laboratory	2020-21
OCSPC352	Database Engineering Laboratory	2020-21
OCSPC353	Professional Elective- I-Advanced Programming	2020-21
OCSPC354	Professional Elective- I-Software Testing and Quality Assurance	2020-21
OCSPC355	Professional Elective- I-Network Administration	2020-21
OCSPC356	Theme Based Mini Project	2020-21
OCSPC314	Entrepreneurship Development and Planning	2020-21
OCSPC306	Advanced Database System	2020-21
OCSPC307	Machine Learning	2020-21
OCSPC308	Professional Elective- II- Digital Image Processing	2020-21
OCSPC309	Professional Elective- II- Ad hoc Networks	2020-21
OCSPC310	Professional Elective- II- Advanced Data Structures	2020-21
OCSPC311	Professional Elective- III- Computer Graphics and Multimedia Techniques	2020-21
OCSPC312	Professional Elective- III- Storage Networks	2020-21
OCSPC313	Professional Elective- III- Cyber Security	2020-21
OCSPC357	Unix & Shell Programming Laboratory	2020-21
OCSPC358	Object Oriented Modeling and Design	2020-21
OCSPC359	Advanced Database Laboratory	2020-21
OCSPC360	Web Programming	2020-21
OCSPC315	Soft Skills	2020-21

**Final Year - Under Graduate**

OCSPC401	Distributed and Cloud Computing	2020-21
OCSPC402	Big Data Analytics	2020-21
OCSPC403	Database Essentials and Business Intelligence	2020-21
OCSPC404	Machine Learning	2020-21
OCSPC405	Project Management	2020-21
OCSPC451	Distributed and Cloud Computing Laboratory	2020-21
OCSPC452	Big Data Analytics Laboratory	2020-21
OCSPC453	Professional Elective- IV Deep Learning	2020-21
OCSPC454	Professional Elective- IV Parallel Programming	2020-21






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OCSPE455	Professional Elective- IV Advanced Web Programming	2020-21
OCSPR456	Preproject	2020-21
OCSHS457	Design Thinking	2020-21

  
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### 3.1 List of courses offered across all programs during last five years

Program name: Computer Science and Engineering

Program Code: 628324210

Course code	Course name	Year of offering the course
<b>First Year – Under Graduate</b>		
1CSBS101	Applied Mathematics – I	2021-22
1CSBS102	Engineering Physics and Chemistry	2021-22
1CSES103	Basic Electrical Engineering	2021-22
1CSES104	Engineering Mechanics	2021-22
1CSES105	Engineering Graphics	2021-22
1CSBS151	Engineering Physics and Chemistry Laboratory	2021-22
1CSES152	Engineering Graphics Laboratory	2021-22
1BSHS153	Professional Communication	2021-22
1CSBS106	Applied Mathematics – II	2021-22
1CSPC107	Data Communication	2021-22
1CSES108	Basic Mechanical Engineering	2021-22
1CSES109	Basic Electronics Engineering	2021-22
1CSBS110	Biology for Engineers	2021-22
1CSES154	Basic Electronics Engineering Laboratory	2021-22
1CSBS155	Biology for Engineers Laboratory	2021-22
1CSES156	Computer Programming	2021-22
<b>Second Year - Under Graduate</b>		
1CSBS201	Discrete Mathematics	2021-22
1CSPC202	Data Structures	2021-22
1CSPC203	Computer Networks	2021-22
1CSPC204	Processor Architecture	2021-22
1CSPC205	Software Engineering	2021-22
1CSPC251	Data Structures Laboratory	2021-22
1CSPC252	Computer Networks Laboratory	2021-22
1CSES253	Processor Architecture Laboratory	2021-22
1CSES254	Programming Laboratory- I	2021-22
1CSBS206	Statistics and Fuzzy Systems	2021-22
1CSPC207	Theory of Computation	2021-22
1CSPC208	Operating Systems	2021-22
1CSPC209	Database Engineering	2021-22
1CSPC210	Computer Architecture	2021-22
1CSPC255	Operating Systems Laboratory	2021-22
1CSPC256	Database Engineering Laboratory	2021-22
1CSPC257	Programming Laboratory- II	2021-22
1CSMC211	Environmental Studies	2021-22



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**Third Year - Under Graduate**

1CSOE301	OE I DataBase Essentials and Business Intelligence	2021-22
1CSOE302	OE I Software Engineering and Project Management	2021-22
1CSOE303	OE I Data Structures and Algorithms	2021-22
1CSPC304	System Programming and compilers	2021-22
1CSPC305	Design and Analysis of Algorithm	2021-22
1CSPC306	Inter Of Things	2021-22
1CSPE307	PE I Storage Network	2021-22
1CSPE308	PE I Adhoc Network	2021-22
1CSPE309	PE I cyber security	2021-22
1CSPC351	Design and Analysis of Algorithm Laboratory	2021-22
1CSPC352	Web Programming	2021-22
1CSPE353	PE II Advanced Programming	2021-22
1CSPE354	PE II Computer Graphics and Multimedia Techniques	2021-22
1CSPR356	Miniproject	2021-22
1CSPR357	Internship/Intra-Inter institute activities	2021-22
1CSMC310	Technical Writing	2021-22
1CSOE311	OE-II-Internet Of Things	2021-22
1CSOE312	OE-II Cyber laws and Ethical Hacking	2021-22
1CSHS313	Entrepreneurship Development Planning	2021-22
1CSPC314	Advanced Database Systems	2021-22
1CSPC315	Machine Learning	2021-22
1CSPE316	PE III- Software Testing and Quality Assurance	2021-22
1CSPE317	PE III- Advanced Data Structures	2021-22
1CSPE318	PE III- Real Time Systems	2021-22
1CSPC358	Advanced Database Laboratory	2021-22
1CSPC359	Object oriented Modelling and Design	2021-22
1CSPC360	PE IV- Augmented and virtual reality	2021-22
1CSPC361	PE IV- Digital Image Processing	2021-22
1CSPC362	PE IV-Open Source Technologies	2021-22
1CSPR363	Internship/Intra-Inter institute activities	2021-22
1CSMC319	Constitution of India	2021-22

**Final Year - Under Graduate**

0CSPC401	Distributed and Cloud Computing	2021-22
0CSPC402	Big Data Analytics	2021-22
0CSOE403	Database Essentials and Business Intelligence	2021-22
0CSOE404	Machine Learning	2021-22
0CSHS405	Project Management	2021-22
0CSPC451	Distributed and Cloud Computing Laboratory	2021-22
0CSPC452	Big Data Analytics Laboratory	2021-22
0CSPE453	Professional Elective- IV Deep Learning	2021-22
0CSPE454	Professional Elective- IV Parallel Programming	2021-22
0CSPE455	Professional Elective- IV Advanced Web	2021-22





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	Programming	
OCSPR456	Preproject	2021-22
OCSHS457	Design Thinking	2021-22

  
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