(Formerly known as West Bengal University of Technology) **Effective for Even Semester of 2019-20(REVISED)**

MOOCS for Honours for BBA/BBA(Entrepreneurship)/BBA(Real Estate Management)/BBA(Insurance & Risk Management)/BBA(Business Analytics)/BBA(Supply Chain Management)/BBA(Sports Management)/BBA(Hospital Management)/BBA(Global Business) (2nd to 3rd Year)

SI No	Course Name	Duration	Credit	MOOCS Platform
1	Basic linear Algebra	8 weeks	2	Swayam
2	Integral and vector calculus	12 weeks	3	Swayam
3	Introduction to algebra	12 weeks	3	Edx
4	Knowledge management and big data in business	8 weeks	2	Edx
5	Qualitative research methods and research writing	12 weeks	3	Swayam
6	Basic statistics	8 weeks	2	Coursera
7	Fundamentals of microeconomics	7 weeks	2	Edx
8	Microeconomics: Theory and applications	12 weeks	3	Swayam
9	Introduction to social research methods	8 weeks	2	Edx
10	Introduction to Managerial economics	6 weeks	2	Edx
13	Introduction to Economics: Microeconomics	7 weeks	2	Edx
15	Data Analysis in Social Science— Assessing Your Knowledge	13 weeks	4	Edx
16	Introduction to Marketing Management-1	8 weeks	2	Swayam
17	Master Control in Supply Chain Management and Logistics	7 weeks	2	Edx
18	New Product development	6 weeks	2	Edx
19	Marketing Analytics	5 weeks	2	Coursera
20	Positioning: What you need for a successful Marketing	4 weeks	1	Coursera
	Strategy			
21	Marketing in Digital World	4 weeks	1	Coursera
22	Buyer Behaviour and Analysis	12 weeks	3	Edx
23	Integrated Marketing Communications: Advertising, Public Relations, Digital Marketing and more	4 weeks	1	Coursera
24	Strategic Management	5 weeks	2	Edx
25	Landscape Finance: Investing in Innovation for Sustainable Landscape	4 weeks	1	Edx
26	Financial Accounting	7 weeks	2	Edx
27	Accounting for Decision making	7 weeks	2	Edx
28	Recruitment, Hiring and Onboarding Employees	4 weeks	1	Coursera
29	Managing Employee Compensation	4 weeks	1	Coursera
30	Managing Employee Performance	4 weeks	1	Coursera
31	People Analytics	4 weeks	1	Coursera
32	Preparing to Manage Human Resources	4 weeks	1	Coursera
33	Equity Stock Markets: Concepts, Instruments, Risks and Derivatives	6 weeks	2	Edx
24		E vesseles	2	Co
34	Performance Optimization in Unity	5 weeks	2	Coursera
35	Capital Markets and Financial Institutions- How to survive Them	6 weeks	2	Coursera
36	Capital Markets professional certificate Examination	1 week	1	Edx
37	Public Policy Challenges of the 21 st Century	9 weeks	3	Coursera
38	Taxation of Business Entities I: Corporations	8 weeks	2	Coursera

39	Corporate Tax Planning	15 weeks	4	Swayam
40	Management Accounting	10 Weeks	3	Edx
41	Demand and Supply Analytics	12 Weeks	3	Edx
42	Open and Smart Government	4 Weeks	1	Edx
43	Food & Beverage Management	5 Weeks	2	Coursera
44	Transacting on the Blockchain	4 weeks	1	Coursera
45	Global Impact: Business Ethics	4 weeks	1	Coursera
46	From Corporate Social Responsibility to Corporate Social	4 weeks	1	EDX
	Innovation			
47	Decision Making Under Uncertainty: Introduction to	6 weeks	2	EDX
	Structured Expert Judgment			
48	Introduction to Marketing Essentials	6 weeks	2	Swayam
49	Operations Management	6 weeks	2	Swayam
50	Business analytics and data mining Modeling using R	12 weeks	3	Swayam
51	Advanced R Programming	4 weeks	1	Coursera
52	Introduction To R for Data Science	4 weeks	1	EDX
53	IBM DATA SCIENCE	12 weeks	3	Coursera
54	Data Analysis and Presentation Skills: the PwC Approach	12 weeks	3	Coursera
	Specialization			
55	Machine Learning with Python	6 weeks	2	Coursera
56	Data Processing Using Python	5 weeks	2	Coursera
57	Advanced Data Science with IBM Specialization	16 weeks	4	Coursera
58	Data Science: Foundations using R Specialization	12 weeks	3	Coursera
59	Python for Data Science and Al	5 weeks	2	Coursera
60	Data Science: Statistics and Machine Learning Specialization	12 weeks	3	Courera
61	R Programming	4 weeks	1	Coursera
62	Python and Statistics for Financial Analysis	4 weeks	1	Coursera
63	Applied Machine Learning in Python	4 weeks	1	Coursera
64	Machine Learning	11 weeks	3	Coursera
65	Data Analytics with Python	12	3	NPTEL
66	Machine Learning,ML	8	2	NPTEL
67	Introduction to Machine Learning	12	3	NPTEL
68	An Introduction to Artificial Intelligence	12	3	NPTEL
69	Artificial Intelligence, Knowledge Representation and Reasoning	12	3	NPTEL
70	Deep Learning	12	3	NPTEL
71	Strategic Trade and Protectionism – Theories and Empirics	8	2	NPTEL
72	Economic Growth & Development	8	2	NPTEL

73	Emotional Intelligence	8	2	NPTEL
74	Human Behaviour	8	2	NPTEL
75	Strategic Performance Management	8	2	NPTEL
76	Indian Business History	8	2	NPTEL
77	Introduction to Brain & Behaviour	8	2	NPTEL
78	Introduction to Environmental Economics	12	3	NPTEL
79	Introduction to Cognitive Psychology	12	3	NPTEL
80	Intellectual Property	12	3	NPTEL
81	Patent Law for Engineers and Scientists	12	3	NPTEL
82	Design Thinking-A Primer	4	1	NPTEL
83	Services Marketing: A Practical Approach	4	1	NPTEL
84	Management of New Products and Services	4	1	NPTEL
85	Global Marketing Management	8	2	NPTEL
86	Supply Chain Analytics	8	2	NPTEL
87	Managing Change in Organizations	8	2	NPTEL
88	Behavioral and Personal Finance	8	2	NPTEL
89	Total Quality Management-I	8	2	NPTEL
90	Simulation of Business Systems: An Applied Approach	8	2	NPTEL
91	Modelling and Analytics for Supply Chain Management	12	3	NPTEL
92	Six Sigma	12	3	NPTEL
93	Entrepreneurship	12	3	NPTEL
94	Management of Commercial Banking	12	3	NPTEL
95	Business Analytics and data mining Modeling using R	12	3	NPTEL
96	Business Statistics	12	3	NPTEL
97	Managerial Skills for Interpersonal Dynamics	12	3	NPTEL
98	Financial Statement Analysis and Reporting	12	3	NPTEL
99	Quality Design and Control	12	3	NPTEL
101	Consumer Behaviour	8	2	NPTEL
102	Entrepreneurship Essentials	12	3	NPTEL
103	Fuzzy Logic and Neural Networks	8	2	NPTEL
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(Formerly known as West Bengal University of Technology)

Effective for Even Semester of 2019-20(REVISED)

Effective for Even Semester of 2017-20(REV

MOOCs for BCA (Hons)

(2nd to 3rd Year)

No	Basket of Courses	Duration	Credit	Offered by
1.	AP Computer Science A: Java Programming	6 weeks	2	edX
	Polymorphism and Advanced Data Structures			
2.	Build your very first iOS app	8 weeks	2	edX
3.	Gameplay Programming for Video Game Designers	5 weeks	2	edX
4.	Introduction to Computer Science & Programming Specialization	13 weeks	4	Coursera
5.	Introduction to scripting in Python	16 weeks	4	Coursera
6.	Foundation of Data Structures	6 weeks	2	edX
7.	Bayesian Statistics: Techniques and Models	5 weeks	2	Coursera
8.	Mathematical Modelling Basics	9 weeks	3	edX
9.	Animation and CGI Motion	12 weeks	3	edX
10.	Web Application Development-Basic Concepts	5 weeks	2	Coursera
11.	Web Design for Everybody Specialization	12 weeks	3	Coursera
12.	The Bits and Bytes of Computer Networking	4 weeks	1	Coursera
13.	Introduction to Cisco Networking	4 weeks	1	Coursera
14.	Introduction to Computing for Data Analysis with Python	6 weeks	2	edX
15.	Introduction to data science in python	3 weeks	1	Coursera
16.	What is Data Science?	3 weeks	1	Coursera
	Introduction to Big Data	3 weeks	1	Cousera
17.	The Data Science Tool Box	2 weeks	1	Cousera
18.		_		Cousera
19.	Data Driven Decision Making A Crash Course in Data Science	2weeks 1weeks	<u>1</u> 1	Cousera
20.		3 weeks		edX
21.	Digital Security and Human Rights Data Analysis and Presentation Skills 4 the PWC		<u>1</u> 3	Cousera
22.	Data Analysis and Presentation Skills : the PWC approach Specialization	12 weeks	3	Couseia
23.	- 1	5 weeks	2	edX
24.	Introduction to Soft Computing	8 Weeks	2	SWAYAM
25.	Introduction to Data Modelling	4 weeks	1	edX
26.		6 weeks	2	edX
27.		5 weeks	2	Coursera
28.	Data Base Management System	8 weeks	2	NPTEL
29.	Discrete Mathematics	12Weeks	3	NPTEL
30.	Programming, Data Structures and Algorithms using Python	8 weeks	2	NPTEL
31.	Design and Analysis of Algorithms	8 weeks	2	NPTEL
32.	Algorithm Specialization	16 weeks	4	Coursera
33.	Cloud Computing	8 weeks	2	NPTEL
34.	Cloud Computing	5 weeks	2	Coursera
35.	Bitcoin and Cryptocurrency Technologies	11 weeks	3	Coursera
36.	Ethical Hacking	8 weeks	2	Udemy
37.	Cyber security and its 10 domains	7 weeks	2	Coursera
38.	Introduction to Internet of Things	12 Weeks	3	NPTEL
39.	Introduction to the Internet of Things	6 weeks	2	edX
40.	IoT Programming and Big Data	5 weeks	2	edX
41.	Data Communications and Network Services	4 weeks	1	Coursera

43. Software Engineering 12 weeks 3 Coursera	42.	Formal Software Verification	8 weeks	2	edX
45. Software Product Management Specialization 46. Entrepreneurship in Emerging Economies 47. Introduction to Computational Thinking and Data Science 48. Data Mining: Theories and Algorithms for Big Data 48. Data Mining: Theories and Algorithms for Big Data 49. Big Data Fundamentals 50. Big Data Analytics 51. Foundations of Data Science: Computational Thinking 50. White Management Specialization Seeks 51. Foundations of Data Science: Computational Thinking 51. Wheeks 52. edX 53. Virtual Reality 53. Virtual Reality 54. Principles of Machine Learning 55. Machine Learning 56. Weeks 57. Robotics: Aerial Robotics 58. Deep learning in Computer Vision 59. Deep Learning Part 1 59. Deep Learning Part 1 59. Deep Learning Part 1 50. Artificial Intelligence Search Methods 50. Introduction to Machine Learning 51. Weeks 52. Coursera 53. Introduction to Machine Learning 54. Principles of Weeks 55. Coursera 56. Litroduction to Machine Learning 57. Robotics: Aerial Robotics 58. Deep learning in Computer Vision 59. Deep Learning Part 1 50. Artificial Intelligence Search Methods 50. Introduction to Machine Learning 51. Weeks 52. Coursera 53. Introduction to Machine Learning 54. For Problem Solving 55. Coursera 56. Using python to access web data 57. Robotics: Aerial Robotics 58. Deep learning Scala 58. Coursera 59. Deep Learning Scala 59. Deep Learning 50. Coursera 50. Using python to access web data 50. Using python to access web data 51. Coursera 52. Coursera 53. Introduction to Machine Learning 53. Weeks 54. Coursera 55. Coursera 56. Using python to access web data 56. Weeks 57. Coursera 58. Deep Learning Specialization 58. Python Data Structures 59. Deep Learning 59. Deep Learning 50. Software Testing fundamentals 50. Software Testing fundamentals 50. Software Testing fundamentals 51. Robotics Seeks Seeks 52. Coursera 53. Robotics Seeks Seeks 54. Coursera 55. Software Testing fundamentals 56. Software Testing fundamentals 57. Neural Network & Deep Learning 58. Deep Learning 59. Deep Learning 59. Deep Learning 59. Deep Learnin	43.	Software testing	12 weeks	3	Coursera
46. Entrepreneurship in Emerging Economics 47. Introduction to Computational Thinking and Data Science 48. Data Mining: Theories and Algorithms for Big Data 49. Big Data Fundamentals 10 weeks 4 eax 49. Big Data Fundamentals 10 weeks 50. Big Data Analytics 51. Foundations of Data Science: Computational Thinking with Python 52. How to win a Data science Competition: Learn from Top Kangelers 53. Virtual Reality 54. Principles of Machine Learning 55. Machine Learning 56. Al For Everyone 57. Robotics: Aerial Robotics 58. Deep learning in Computer Vision 59. Deep Learning — Part I 60. Artificial Intelligence Scarch Methods 61. Computer Vision 62. Introduction to Machine Learning 63. Introduction to Machine Learning 64. For Problem Solving 65. Introduction to Machine Learning 66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming in Scala 69. Natural Language Processing 60. Natural Language Processing 61. Natural Language Processing 62. Python Data Structures 63. Python Data Structures 64. Python Data Structures 65. Python Data Structures 66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 69. Natural Language Processing 60. A Python Data Structures 61. Computer Vision 62. Embedded Systems 63. Introduction to Industry 4.0 and Industrial Internet of Things 64. Python 3 Programming Specialization 65. Python Data Structures 66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 60. Natural Language Processing 60. Software Testing fundamentals 61. Computer Vision Software and Hardware Integration 62. Embedded Systems 63. Introduction to Industry 4.0 and Industrial Internet of Things 64. Python 3 Programming Specialization 65. Using python to access web data 66. Python Data Structures 76. Software Testing fundamentals 77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. Software Testing and Management	44.	Software Engineering	12 weeks	3	edx
47. Introduction to Computational Thinking and Data Science 48. Data Mining: Theories and Algorithms for Big Data 49. Big Data Fundamentals 10 weeks 30. Big Data Fundamentals 10 weeks 31. GdX 50. Big Data Analytics 10 weeks 32. cdX 51. Foundations of Data Science: Computational Thinking with Python 52. How to win a Data science Competition: Learn from Top Kagglers 53. Virtual Reality 4 weeks 54. Principles of Machine Learning 55. Machine Learning 6 weeks 56. Al For Everyone 76. Al For Everyone 77. Robotics: Aerial Robotics 78. Deep learning in Computer Vision 79. Deep Learning Part 1 79. Deep Learning Part 1 79. Artificial Intelligence Search Methods 79. Deep Learning 12 weeks 79. Deep Learning 12 weeks 70. Artificial Intelligence Search Methods 70. Introduction to Machine Learning 12 weeks 3 Coursera 12 weeks 4 Coursera 12 weeks 4 Coursera 12 weeks 4 Coursera 12 weeks 5 Coursera 12 weeks 1 Cour	45.	Software Product Management Specialization	16 weeks	4	Coursera
48. Data Mining: Theories and Algorithms for Big Data 49. Big Data Fundamentals 10 weeks 3 edX 50. Big Data Analytics 10 weeks 51. Foundations of Data Science: Computational Thinking with Python 52. How to win a Data science Competition: Learn from Top Kagglers 53. Virtual Reality 54. Principles of Machine Learning 55. Machine Learning 66 weeks 67. Al For Everyone 68. Deep Learning Part I 12 weeks 69. Artificial Intelligence Search Methods 60. Artificial Intelligence Search Methods 61. Computer Vision 61. Computer Vision 62. Introduction to Machine Learning 63. Introduction to Machine Learning 64. Functional Programming in Scala 65. Using python to access web data 66. Python Data Structures 67. Object oriented analysis and design 68. Python Data Structures 69. Natural Language Processing 60. Natural Language Processing 61. Coursera 62. Introduction to Machine Learning 63. Introduction to Machine Learning 64. Functional Programming in Scala 65. Using python to access web data 66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: 75. Software Testing and Management 76. Software Testing and Management 77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. Io T System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and 12 medx 13. Indicate Part Span and Industrial Internet of Things 14. A System View of Communications: From Signals to 15. EdX 16. Packets (Part 2) 17. Software Testing and Management 18. Coursera 19. Lord System View of Communications: From Signals to 19. Lord System View of Communications: From Signals to 19. Lord System View of Communications: From Signals to 19. Lord System View of Communications: From Signals to 19. Lord System View of Communications: From Signa	46.	Entrepreneurship in Emerging Economies	6 weeks	2	edX
Big Data Fundamentals	47.	Introduction to Computational Thinking and Data Science	10 weeks	3	edX
50. Big Data Analytics 10weeks 3 edX	48.	Data Mining: Theories and Algorithms for Big Data	14 weeks	4	edX
Silight Foundations of Data Science: Computational Thinking with Python	49.	Big Data Fundamentals	10 weeks	3	edX
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Ragglers Size Coursera Size Si	51.		5 weeks	2	edX
S4. Principles of Machine Learning 12 weeks 3 Coursera	52.	How to win a Data science Competition: Learn from Top Kagglers	5weeks	2	Coursera
55. Machine Learning 12 weeks 3 Coursera	53.		4 weeks	1	Coursera
56. AI For Everyone 57. Robotics: Aerial Robotics 58. Deep learning in Computer Vision 59. Deep Learning - Part 1 12 weeks 3 Coursera 60. Artificial Intelligence Search Methods 12 weeks 3 Coursera 61. Computer Vision 12 weeks 3 Edx 62. Introduction to Machine Learning 12 weeks 3 Coursera 63. Introduction to Machine Learning 12 weeks 3 Coursera 64. Functional Programming in Scala 6 weeks 2 Coursera 65. Using python to access web data 6 weeks 2 Coursera 66. Python Data Structures 2 weeks 1 Coursera 67. Object oriented analysis and design 8 weeks 2 Coursera 68. Python 3 Programming Specialization 8 weeks 2 Coursera 69. Natural Language Processing 5 weeks 2 Coursera 70. Applied Natural Language Processing 12 weeks 3 Edx 71. Natural Language Processing 12 weeks 3 Edx 72. Embedded Systems 12 weeks 3 NPTEL 73. Introduction to Industry 4.0 and Industrial Internet of Things 12 Weeks 3 NPTEL 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing and Management 8 2 edX 77. Neural Network & Deep Learning 4 1 Coursera 78. Teamwork and Collaboration 4 1 edX 80. Blockchain and Fin Tech: Basies, Applications, and 6 2 edX Limitations 81. A System View of Communications: From Signals to 5 2 edX Packets (Part 3)	54.	Principles of Machine Learning	6 weeks	2	edX
57.Robotics: Aerial Robotics6 weeks2Coursera58.Deep learning in Computer Vision5weeks2Coursera59.Deep Learning - Part I12 weeks3Coursera60.Artificial Intelligence Search Methods12 weeks3Coursera61.Computer Vision12 weeks3Edx62.Introduction to Machine Learning12 weeks3Coursera63.Introduction to Machine Learning8 weeks2Coursera64.Functional Programming in Scala6 weeks2Coursera65.Using python to access web data6 weeks2Coursera66.Python Data Structures2 weeks1Coursera67.Object oriented analysis and design8 weeks2Coursera68.Python 3 Programming Specialization8 weeks2Coursera69.Natural Language Processing5 weeks2Coursera70.Applied Natural Language Processing12 weeks3Edx71.Natural Language Processing12 weeks3Edx72.Embedded Systems12 weeks3NPTEL73.Introduction to Industry 4.0 and Industrial Internet of Things12 weeks3NPTEL74.A System View of Communications: From Signals to Packets (Part 2)6 weeks2edX75.Software Testing fundamentals82edX76.Software Testing and Management8	55.	Machine Learning	12 weeks	3	Coursera
58. Deep learning in Computer Vision 59. Deep Learning – Part I 12 weeks 3 Coursera 60. Artificial Intelligence Search Methods For Problem Solving 61. Computer Vision 12 weeks 3 Edx 62. Introduction to Machine Learning 12 weeks 3 Coursera 63. Introduction to Machine Learning 8 weeks 2 Coursera 64. Functional Programming in Scala 65. Using python to access web data 66. Python Data Structures 67. Object oriented analysis and design 8 weeks 2 Coursera 68. Python 3 Programming Specialization 8 weeks 2 Coursera 69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 12 weeks 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing and Management 76. Software Testing and Management 77. Neural Network & Deep Learning 80. A System View of Communications, and Limitations 81. A System View of Communications; From Signals to 5 2 edX Packets (Part 3)	56.	AI For Everyone	4 weeks	1	Coursera
59. Deep Learning – Part I 60. Artificial Intelligence Search Methods For Problem Solving 61. Computer Vision 62. Introduction to Machine Learning 63. Introduction to Machine Learning 64. Functional Programming in Scala 65. Using python to access web data 66. Python Data Structures 66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing and Management 76. Daysem Design:Software and Hardware Integration 77. A System Design:Software and Hardware Integration 88. Packets (Part 3) 89. A System View of Communications: 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 80. A System View of Communications: From Signals to Packets (Part 3) 80. A System View of Communications: From Signals to Packets (Part 3) 81. A System View of Communications: From Signals to Packets (Part 3) 81. A System View of Communications: From Signals to Packets (Part 3) 82. EdX 83. A System View of Communications: From Signals to Success Packets (Part 3) 84. A System View of Communications: From Signals to Success Packets (Part 3) 85. A System View of Communications: From Signals to Success Packets (Part 3)	57.	Robotics: Aerial Robotics	6 weeks	2	Coursera
60. Artificial Intelligence Search Methods For Problem Solving 61. Computer Vision 62. Introduction to Machine Learning 63. Introduction to Machine Learning 64. Functional Programming in Scala 65. Using python to access web data 66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing and Management 76. Blockchain and Fin Tech: Basics, Applications, and Limitations 80. A System View of Communications: From Signals to Packets (Part 3) 81. A System View of Communications: From Signals to Packets (Part 3) 82. EdX 83. Coursera 84. Coursera 85. Coursera 86. Python 3 Programming Specialization 86. Search 2 Coursera 87. Neural Network & Deep Learning 87. Coursera 88. 2 edX 89. Blockchain and Fin Tech: Basics, Applications, and Limitations 80. A System View of Communications: From Signals to Packets (Part 3) 80. A System View of Communications: From Signals to Packets (Part 3) 80. Packets (Part 3) 80. Packets (Part 3) 80. Coursera 81. A System View of Communications: From Signals to Sacration Signals to Packets (Part 3) 81. A System View of Communications: From Signals to Sacration Signals to Packets (Part 3) 81. A System View of Communications: From Signals to Sacration Signals to Packets (Part 3)	58.	Deep learning in Computer Vision	5weeks	2	Coursera
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61. Computer Vision 62. Introduction to Machine Learning 63. Introduction to Machine Learning 64. Functional Programming in Scala 65. Using python to access web data 66. Python Data Structures 66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 60. Specialization 60. Specialization 61. Specialization 62. Coursera 63. Horizonda Specialization 64. Specialization 65. Specialization 66. Python 3 Programming Specialization 67. Specialization 68. Python 3 Programming Specialization 69. Natural Language Processing 60. Specialization 60. Specialization 60. Specialization 61. Specialization 62. Coursera 63. Introduction to Industry 4.0 and Industrial Internet of Things 62. Specialization 63. Introduction to Industry 4.0 and Industrial Internet of Things 63. Introduction to Industry 4.0 and Industrial Internet of Things 64. Specialization 65. Veeks 66. Python 3 Programming Specialization 66. Python 3 Programming Specialization 67. Veeks 68. Python 3 Programming Specialization 68. Python 3 Programming Specialization 69. Natural Language Processing 60. Specialization 60. Specialization 60. Specialization 60. Specialization 60. Specialization 61. Specialization 61. Specialization 62. Edx 63. NPTEL 64. Specialization 64. Specialization 65. Veeks 66. Python Data Structures	60.	Artificial Intelligence Search Methods For Problem Solving			Coursera
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65. Using python to access web data 66. Python Data Structures 66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 60. Sembedded Systems 60. 60	63.	Introduction to Machine Learning	8 weeks	2	Coursera
66. Python Data Structures 67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing fundamentals 76. Software Testing and Management 77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3)	64.	Functional Programming in Scala	6 weeks	2	Coursera
67. Object oriented analysis and design 68. Python 3 Programming Specialization 69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing fundamentals 76. Software Testing and Management 77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3)	65.	Using python to access web data	6 weeks	2	Coursera
68. Python 3 Programming Specialization 69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing fundamentals 76. Software Testing and Management 777. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3) Coursera	66.	Python Data Structures	2weeks	1	Coursera
69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing fundamentals 76. Software Testing and Management 777. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3) 5 weeks 2 Coursera 12 weeks 3 NPTEL 6 weeks 2 edX Packets 6 weeks 2 edX Coursera 6 weeks 2 edX Packets 6 weeks 2 edX Packets 6 weeks 2 edX Packets 6 weeks 6 weeks 7 edX Packets 7 edX Packets 8 edX Packets 8 edX Packets 8 edX Packets 8 edX Packets 9 edX	67.	Object oriented analysis and design	8 weeks	2	coursera
69. Natural Language Processing 70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing fundamentals 76. Software Testing and Management 77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design: Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3) 5 weeks 2 Coursera 2 Edx NPTEL 6 weeks 2 edX Packets (Part 2) 8 2 edX Coursera 6 weeks 1 2 edX 1 Coursera 6 dX 2 edX 7 Description 7 description 8 description 9 descrip	68.	· · ·	8 weeks	2	Cousera
70. Applied Natural Language Processing 71. Natural Language Processing 72. Embedded Systems 73. Introduction to Industry 4.0 and Industrial Internet of Things 74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing fundamentals 76. Software Testing and Management 77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design: Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3)	69.		5 weeks	2	Coursera
71.Natural Language Processing12 weeks3Edx72.Embedded Systems12 weeks3NPTEL73.Introduction to Industry 4.0 and Industrial Internet of Things12 Weeks3NPTEL74.A System View of Communications: From Signals to Packets (Part 2)6 weeks2edX75.Software Testing fundamentals82edX76.Software Testing and Management82edX77.Neural Network & Deep Learning41Coursera78.Teamwork and Collaboration31edX79.IoT System Design:Software and Hardware Integration41edX80.Blockchain and Fin Tech: Basics, Applications, and Limitations62edX81.A System View of Communications: From Signals to Packets (Part 3)52edX			12 weeks	3	Edx
72.Embedded Systems12 weeks3NPTEL73.Introduction to Industry 4.0 and Industrial Internet of Things12 Weeks3NPTEL74.A System View of Communications: From Signals to Packets (Part 2)6 weeks2edX75.Software Testing fundamentals82edX76.Software Testing and Management82edX77.Neural Network & Deep Learning41Coursera78.Teamwork and Collaboration31edX79.IoT System Design:Software and Hardware Integration41edX80.Blockchain and Fin Tech: Basics, Applications, and Limitations62edX81.A System View of Communications: From Signals to Packets (Part 3)52edX	71.	Natural Language Processing		3	Edx
73. Introduction to Industry 4.0 and Industrial Internet of Things 12 Weeks 3 NPTEL 74. A System View of Communications: From Signals to Packets (Part 2) 6 weeks 2 edX 75. Software Testing fundamentals 8 2 edX 76. Software Testing and Management 8 2 edX 77. Neural Network & Deep Learning 4 1 Coursera 78. Teamwork and Collaboration 3 1 edX 79. IoT System Design: Software and Hardware Integration 4 1 edX 80. Blockchain and Fin Tech: Basics, Applications, and 6 2 edX 81. A System View of Communications: From Signals to 5 2 edX Packets (Part 3) 9 Packets (Part 3) 73. Introduction to Industry 4.0 and Industrial Internet of Things 12 Weeks 3 NPTEL 84. A System View of Communications: From Signals to 5 2 edX 85. A System View of Communications: From Signals to 5 2 edX 86. Blockchain System View of Communications: From Signals to 5 2 edX 87. A System View of Communications: From Signals to 5 2 edX 88. A System View of Communications: From Signals to 5 2 edX 89. Blockchain System View of Communications: From Signals to 5 2 edX 89. Blockchain System View of Communications: From Signals to 5 2 edX 89. Blockchain System View of Communications: From Signals to 5 2 edX 89. Blockchain System View of Communications: From Signals to 5 2 edX 89. Blockchain System View of Communications: From Signals to 5 2 edX 89. Blockchain System View of Communications: From Signals to 5 2 edX 89. Blockchain System View Of Communications: From Signals to 5 2 edX 80. Blockchain System View Of Communications: From Signals to 5 2 edX 80. Blockchain System View Of Communications: From Signals to 5 2 edX 80. Blockchain System View Of Communications: From Signals to 5 2 edX 80. Blockchain System View Of Communications: From Signals to 5 2 edX 80. Blockchain System View Of Communications: From Signals to 5 2 edX 80. Blockchain S	72.	Embedded Systems		3	NPTEL
74. A System View of Communications: From Signals to Packets (Part 2) 75. Software Testing fundamentals 8 2 edX 76. Software Testing and Management 8 2 edX 77. Neural Network & Deep Learning 4 1 Coursera 78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 4 1 edX 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3)	73.	Introduction to Industry 4.0 and Industrial Internet of Things			NPTEL
75. Software Testing fundamentals 76. Software Testing and Management 77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3)	74.	A System View of Communications:			
77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3) Coursera 4 1 Coursera 6 2 edX 2 edX	75.		8	2	edX
77. Neural Network & Deep Learning 78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3) Coursera 1	76.	Software Testing and Management	8	2	edX
78. Teamwork and Collaboration 79. IoT System Design:Software and Hardware Integration 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3) 1 edX 2 edX 2 edX			4	1	Coursera
79. IoT System Design:Software and Hardware Integration 4 1 edX 80. Blockchain and Fin Tech: Basics, Applications, and Limitations 6 2 edX Limitations 81. A System View of Communications: From Signals to Packets (Part 3)			3	1	edX
80. Blockchain and Fin Tech: Basics, Applications, and Limitations 81. A System View of Communications: From Signals to Packets (Part 3) 6 2 edX 5 2 edX					edX
81. A System View of Communications: From Signals to 5 2 edX Packets (Part 3)		Blockchain and Fin Tech: Basics, Applications, and		2	edX
	81.	A System View of Communications: From Signals to	5	2	edX
	82.		12	3	NPTEL

83. Computational Thin	nking for Modeling and Simulation	6	2	edX
84. Mathematics For Ma	chine Learning: Multivariate Calculas	6	2	Coursera
85. Becoming an Entre	oreneur	6	2	edX
86. Marketing Fundam		4	1	edX
	Professional Certificate	8	2	Cousera
88. Data Science with Py	thon	10	3	edX
89. Artificial Intelligen		12	3	NPTEL
90. Foundations of Data	Science: Prediction and Machine Learning	6	2	edX
91. Robotics: Vision In	telligence & Machine Learning	12	3	edX
92. Deep Learning Spe		12	3	Cousera
	h Tensor Flow on Google Cloud Platform	4	1	Cousera
Specialization	· ·			
94. Convolution Neura	l Network	4	1	Cousera
95. Sequence Model		2	1	Cousera
96. Deep Learning		6	2	edX
97. Deep Learning		12	3	NPTEL
98. Reinforcement Lea	rning	12	3	Edx
99. Neural Networks for	Machine Learning	16	4	Coursera
100. Cloud Computing for	Enterprises	8	2	edX
101. Cloud Computing Ma	nagement	8	2	edX
102. Cloud Computing Inf	rastructure	8	2	edX
103. Security in Google Cl	oud Platform Specialization	9	3	Coursera
104. AWS Fundamental: G	oing Cloud Native	5	2	Coursera
105. Google cloud Platfori Fundamentals	m Big data and Machine Learning	2	1	Coursera
106. Remote Sensing Esse	ntials	12	3	NPTEL
107. Leadership Essentials	for Engineers	Self-paced	2	edX
108. Computer Forensics		8	2	edX
109. Compliance in Office	365: Data Governance	4	1	edX
110. Human Computer Int		Self-paced	2	edx
111. Social Networks		12	3	NPTEL
112. Fuzzy Sets, Logic and	Systems & Applications	12	3	NPTEL
113. Electronic Systems fo	·	12	3	NPTEL
114. Data Analytics with P	<u> </u>	12	3	NPTEL
115. Optical Engineering	,	12	3	NPTEL
116. Machine Learning, M	L	8	2	NPTEL
117. Introduction to Mach	nine Learning	12	3	NPTEL
118. An Introduction to A	tificial Intelligence	12	3	NPTEL
119. Artificial Intelligence:	Knowledge Representation and Reasoning	12	3	NPTEL
120. Deep Learning		12	3	NPTEL
121. Data Science for Engi	neers	8	2	NPTEL
122. Embedded Systems [Design	12	3	NPTEL

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123.	Introduction to Internet of Things	12	3	NPTEL
124.	Introduction to Industry 4.0 and Industrial Internet of Things	12	3	NPTEL
125.	Introduction to Block Chain Technology and Applications	8	2	NPTEL
126.	User-Centric Computing for Human-Computer Interaction	8	2	NPTEL
127.	Reinforcement Learning	12	3	NPTEL
128.	VLSI Physical Design	12	3	NPTEL
129.	Randomized Algorithms	12	3	NPTEL
130.	Embedded System Design with ARM	8	2	NPTEL

MOOCs for B. SC. IN MULTIMEDIA, ANIMATION & GRAPHICS/ B.Sc. MEDIA SCIENCE (2nd & 3Rd Year)

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Coding a scuola con Software Libero	8	2	Swayam
2.	Video Game Asset Creation and Process	5	2	EDX
3.	Integrated Digital Media	5	2	EDX
4.	Marketing your Android apps	5	2	EDX
5.	Animation and CGI Motion	12	3	EDX
6.	Basics Of Photography	12	3	Swayam
7.	Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera
8.	Data Science Methodology	3	1	Coursera
9.	Business Analytics & Data Mining Modelling Using R	12	3	Swayam
16.	IBM DATA SCIENCE	12	3	Coursera
17.	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera
18.	Machine Learning with Python	12	3	Coursera
19.	Data Processing Using Python	12	3	Coursera
20.	Advanced Data Science with IBM Specialization	8	2	Coursera
21.	Data Science: Foundations using R Specialization	12	3	Coursera
22.	Python for Data Science and AI	8	2	Coursera
23.	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
24.	Python and Statistics for Financial Analysis	4	1	Coursera

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25.	Applied Machine Learning in Python	12	3	Coursera
26	Literature, Culture and Media	12	3	NPTEL
27	Introduction to Modern Indian Drama	8	2	NPTEL
28	Understanding Design	4	1	NPTEL
29	Innovation by Design	4	1	NPTEL
30	Design Technology and Innovation	4	1	NPTEL

MOOCS for (Hons) B. SC. IN NAUTICAL SCIENCE 2^{nd} & 3^{rd} Year

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Ecosystem Services: a Method for Sustainable Development	5	2	COURSERA
2.	Drug Commercialization	4	1	COURSERA
3.	Plastic electronics	5	2	COURSERA
4.	Data Science Methodology	3	1	COURSERA
5.	Business Analytics and Data Mining Modeling Using R	12	3	Swayam (NPTEL- 27.01.2020)
6.	A brief Introduction to Micro Sensors	4	1	NPTEL
7.	Data Analytics with Python	12	3	NPTEL
8.	Introduction to Machine Learning	12	3	NPTEL
9.	Introduction to Artificial Intelligence	12	3	NPTEL
10.	Artificial Intelligence: Knowledge Representation & Reasoning	12	3	NPTEL
11.	The Joy of Computing Using Python	12	3	NPTEL
12.	Social Networks	12	3	NPTEL
13.	Introduction to Internet of Things	12	3	NPTEL

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MOOCs for Hons for B.M.S (Pharmaceutical Management) $2^{nd} \& 3^{rd}$ Year

Sl.no	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Pharmaceutical and Medical Device	4	1	Coursera
	Innovations			
2.	Introduction to Molecular Spectroscopy	4	1	Coursera
3.	Drug Commercialization	4	1	Coursera
4.	Principles of Bio manufacturing:	6	2	Edx
	Biotechnology to Manufacture Medicines			
5.	Big Data Analytics in Healthcare	6	2	Edx
12.	IBM DATA SCIENCE	12	3	Coursera
13.	Data Analysis and Presentation Skills: the	12	3	Coursera
	PwC Approach Specialization			
14.	Machine Learning with Python	12	3	Coursera
15.	Data Processing Using Python	12	3	Coursera
16.	Advanced Data Science with IBM	8	2	Coursera
	Specialization			
17.	Data Science: Foundations using R	12	3	Coursera
10	Specialization	0		
18.	Python for Data Science and AI	8	2	Coursera
19.	Data Science: Statistics and Machine	12	3	Courera
20.	Learning Specialization Python and Statistics for Financial Analysis	4	1	Coursera
	Machine Learning, ML	12	1 2	COURSERA
21.	<u> </u>		3	
22	Regulatory Requirements for medical devices including in vitro diagnostics in India	4	1	NPTEL
23	Introduction to Machine Learning	12	3	NPTEL
24	Data Analytics with Python	12	3	NPTEL
25	An Introduction to Artificial Intelligence	12	3	NPTEL
26	Machine Learning	8	2	NPTEL
27	Quality Design & Control	12	3	NPTEL
28	Entrepreneurship	12	3	NPTEL
29	Business Statistics	12	3	NPTEL
30	Marketing Analytics	12	3	NPTEL
31	Total Quality Management	8	2	NPTEL

MOOCs for Hons Bachelor in Optometry 2nd & 3rd Year

Sl.no	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1	Anatomy: human neuroanatomy	8	2	Edx
2	general pathophysiology	6	2	Coursera
3	visual perception and the brain	5	2	Coursera
4	Life of Happiness and Fulfillment	6	2	Coursera
5	IBM DATA SCIENCE	12	3	Coursera
6	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera
7	Machine Learning with Python	12	3	Coursera
8	Data Processing Using Python	12	3	Coursera

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9	Advanced Data Science with IBM	8	2	Coursera
	Specialization			
10	Data Science: Foundations using R	12	3	Coursera
	Specialization			
11	Python for Data Science and AI	8	2	Coursera
12	Data Science: Statistics and Machine	12	3	Courera
	Learning Specialization			
13	Python and Statistics for Financial Analysis	4	1	Coursera
14	Machine Learning, ML	12	3	COURSERA
15	Optical Sensors	4	1	NPTEL
16	Optical Engineering	12	3	NPTEL
17	Data Analytics with Python	12	3	NPTEL
18	Introduction to Machine Learning	12	3	NPTEL
19	An Introduction to Artificial Intelligence	12	3	NPTEL
20	Machine Learning	8	2	NPTEL

BACHELOR OF TOURISM AND TRAVEL MANAGEMENT (BTTM) (2nd to 3rd Year)

	(2 nd to 3 rd Year)							
SI no.	Course Name	Duration (Weeks)	Credit	MOOCS Platform				
1.	Foundation Course In Tourism	16	4	SWAYAM				
2.	Hospitality and Tourism Technology and Innovation	6	2	edx				
3.	Tourism and Travel Management	7	2	EDX				
4.	Tourism and Travel Management	7	2	EDX				
5.	Data Science METHODOLOGY	3	1	COURSERA				
6.	Business Analytics & Data Mining Modeling Using R	12	3	COURSERA				
7.	Engineering Practice	8	2	NPTEL				
8.	Ethics and Law in Data and Analytics	6	2	EDX				
9.	Happiness and Fulfillment	6	2	COURSERA				
10.	Successful Career Development	7	2	COURSERA				
11.	Working in Teams: A Practical Guide	4	1	EDX				
12.	IBM DATA SCIENCE	12	3	Coursera				
13.	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera				
14.	Machine Learning with Python	12	3	Coursera				
15.	Data Processing Using Python	12	3	Coursera				
16.	Advanced Data Science with IBM Specialization	8	2	Coursera				
17.	Data Science: Foundations using R Specialization	12	3	Coursera				
18.	Python for Data Science and AI	8	2	Coursera				
19.	Data Science: Statistics and Machine Learning Specialization	12	3	Courera				
20.	Python and Statistics for Financial Analysis	4	1	Coursera				
21.	Machine Learning, ML	12	3	COURSERA				
22	Python for Data Science	4	1	NPTEL				
23	Data Analytics with Python	12	3	NPTEL				
24	Machine Learning	8	2	NPTEL				
25	Introduction to Machine Learning	12	3	NPTEL				
26	An Introduction to Artificial Intelligence	12	3	NPTEL				
27	Artificial Intelligence: Knowledge Representation and Reasoning	12	3	NPTEL				
28	Entrepreneurship	12	3	NPTEL				
29	Entrepreneurship Essentials	8	2	NPTEL				

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MOOCs for B.Sc. (Hospitality & Hotel Administration)/ B. Sc. Culinary Science (2nd & 3rd Year)

	Course Name	Duration (Weeks)	Credit	MOOCS
No				Platform
1.	Luxury management	6	2	Edx
	Culture of service: Paradox of customer service	8	2	Edx
3.	Hospitality and Tourism Technology and Innovation	6	2	Edx
4.	Demand and supply analytic	12	3	Edx
5.	International Hospitality & Healthcare Service marketing	3	1	Coursera
6	Introduction to analytics Modeling	16	4	Edx
7	Relation Management	4	1	Coursera
8	Introduction to marketing essentials	6	2	Swayam
9	Operations Management	7	2	Edx
10	Managing Human Resources in the Hospitality and Tourism Industry	6	3	Edx
11	Python for Data Science	4	1	NPTEL
12	Machine Learning	8	2	NPTEL
13	Data Analytics with Python	12	3	NPTEL
	Introduction to Machine Learning	12	3	NPTEL
15	An Introduction to Artificial Intelligence	12	3	NPTEL
16	Artificial Intelligence: Knowledge Representation and Reasoning	12	3	NPTEL

MOOCS for Hons for B. Sc. Gaming & Mobile Application Development 2nd & 3Rd Year

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Coding a scuola con Software Libero	8	2	Swayam
2.	Video Game Asset Creation and Process	5	2	EDX
3.	Integrated Digital Media	5	2	EDX
4.	Marketing your Android apps	5	2	EDX
5.	Animation and CGI Motion	12	3	EDX
6.	Basics Of Photography	12	3	Swayam
7.	Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera
8.	Data Science Methodology	3	1	Coursera
9.	Business Analytics & Data Mining Modelling Using R	12	3	Swayam
10.	A Life of Happiness and Fulfilment	6	2	Coursera
11.	Successful Career Development	7	2	Coursera
12.	IBM DATA SCIENCE	12	3	Coursera

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13.	Data Analysis and Presentation Skills: the	12	3	Coursera
	PwC Approach Specialization			
14.	Machine Learning with Python	12	3	Coursera
15.	Data Processing Using Python	12	3	Coursera
16.	Advanced Data Science with IBM Specialization	8	2	Coursera
17.	Data Science: Foundations using R Specialization	12	3	Coursera
18.	Python for Data Science and AI	8	2	Coursera
19.	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
20.	Python and Statistics for Financial Analysis	4	1	Coursera
21.	Applied Machine Learning in Python	12	3	Coursera
22.	Literature, Culture and Media	12	3	NPTEL
23.	Introduction to Modern Indian Drama	8	2	NPTEL
24.	Understanding Design	4	1	NPTEL
25.	Innovation by Design	4	1	NPTEL
26.	Design Technology and Innovation	4	1	NPTEL
27.	Python for Data Science	4	1	NPTEL
28.	Introduction to Machine Learning	12	3	NPTEL
29.	Machine Learning	8	2	NPTEL
30.	An Introduction to Artificial Intelligence	12	3	NPTEl
31.	Modern Application Development	12	3	NPTEL
32.	Artificial Intelligence: Knowledge Representations and Reasoning	12	3	NPTEL

MOOCS for Hons for B.Sc. Interior Design 2nd & 3Rd Year

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Coding a scuola con Software Libero	8	2	Swayam
2.	Integrated Digital Media	5	2	EDX
3.	Animation and CGI Motion	12	3	EDX
4.	Basics Of Photography	12	3	Swayam
5.	Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera
6.	Data Science Methodology	3	1	Coursera
7.	Business Analytics & Data Mining Modelling Using R	12	3	Swayam
8.	A Life of Happiness and Fulfilment	6	2	Coursera
9.	Successful Career Development	7	2	Coursera
10.	IBM DATA SCIENCE	12	3	Coursera
11.	Data Analysis and Presentation Skills: the PwC	12	3	Coursera

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	Approach Specialization			
12.	Machine Learning with Python	12	3	Coursera
13.	Data Processing Using Python	12	3	Coursera
14.	Advanced Data Science with IBM Specialization	8	2	Coursera
15.	Data Science: Foundations using R Specialization	12	3	Coursera
16.	Python for Data Science and AI	8	2	Coursera
17.	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
18.	Python and Statistics for Financial Analysis	4	1	Coursera
19.	Applied Machine Learning in Python	12	3	Coursera
20.	Literature, Culture and Media	12	3	NPTEL
21.	Introduction to Modern Indian Drama	8	2	NPTEL
22.	Python for Data Science	4	1	NPTEL
23.	Introduction to Machine Learning	12	3	NPTEL
24.	Machine Learning	8	2	NPTEL
25.	An Introduction to Artificial Intelligence	12	3	NPTEI
26.	Modern Application Development	12	3	NPTEL
27.	Artificial Intelligence: Knowledge Representations and Reasoning	12	3	NPTEL
28.	Understanding Design	4	1	NPTEL
29.	Innovation by Design	4	1	NPTEL
30.	Design Technology and Innovation	8	2	NPTEL
31.	Understanding Design Thinking and People Centred Design	4	1	NPTEL
32.	Introduction to Indian Art – An Appreciation	4	1	NPTEL
33.	Human Behaviour	4	1	NPTEL

MOOCS for Hons for B.Sc. Fashion Design & Management 2nd & 3Rd Year

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Coding a scuola con Software Libero	8	2	Swayam
2.	Integrated Digital Media	5	2	EDX
3.	Animation and CGI Motion	12	3	EDX

4.	Basics Of Photography	12	3	Swayam
5.	Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera
6.	Data Science Methodology	3	1	Coursera
7.	Business Analytics & Data Mining Modelling Using R	12	3	Swayam
8.	A Life of Happiness and Fulfilment	6	2	Coursera
9.	Successful Career Development	7	2	Coursera
10.	IBM DATA SCIENCE	12	3	Coursera
11.	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera
12.	Machine Learning with Python	12	3	Coursera
13.	Data Processing Using Python	12	3	Coursera
14.	Advanced Data Science with IBM Specialization	8	2	Coursera
15.	Data Science: Foundations using R Specialization	12	3	Coursera
16.	Python for Data Science and AI	8	2	Coursera
17.	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
18.	Python and Statistics for Financial Analysis	4	1	Coursera
19.	Applied Machine Learning in Python	12	3	Coursera
20.	Literature, Culture and Media	12	3	NPTEL
21.	Introduction to Modern Indian Drama	8	2	NPTEL
22.	Design Technology and Innovation	4	1	NPTEL
23.	Python for Data Science	4	1	NPTEL
24.	Introduction to Machine Learning	12	3	NPTEL
25.	Machine Learning	8	2	NPTEL
26.	An Introduction to Artificial Intelligence	12	3	NPTE1
27.	Modern Application Development	12	3	NPTEL
28.	Artificial Intelligence: Knowledge Representations and Reasoning	12	3	NPTEL
29.	Understanding Design	4	1	NPTEL
30.	Innovation by Design	4	1	NPTEL
31.	Design Technology and Innovation	8	2	NPTEL

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32.	Understanding Design Thinking and People Centred	4	1	NPTEL
	Design			
33.	Introduction to Indian Art – An Appreciation	4	1	NPTEL
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34.	Human Behaviour	4	1	NPTEL
35.	Literature, Culture and Media	12	3	NPTEL
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MOOCS for Hons for B.Sc. Medical Lab Technology 2nd & 3Rd Year

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Coding a scuola con Software Libero	8	2	Swayam
2.	Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera
3.	Data Science Methodology	3	1	Coursera
4.	Business Analytics & Data Mining Modelling Using R	12	3	Swayam
5.	A Life of Happiness and Fulfilment	6	2	Coursera
6.	Successful Career Development	7	2	Coursera
7.	IBM DATA SCIENCE	12	3	Coursera
8.	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera
9.	Machine Learning with Python	12	3	Coursera
10.	Data Processing Using Python	12	3	Coursera
11.	Advanced Data Science with IBM Specialization	8	2	Coursera
12.	Data Science: Foundations using R Specialization	12	3	Coursera
13.	Python for Data Science and AI	8	2	Coursera
14.	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
15.	Python and Statistics for Financial Analysis	4	1	Coursera
16.	Applied Machine Learning in Python	12	3	Coursera
17.	Understanding Design	4	1	NPTEL
18.	Innovation by Design	4	1	NPTEL
19.	Design Technology and Innovation	4	1	NPTEL
20.	Python for Data Science	4	1	NPTEL
21.	Introduction to Machine Learning	12	3	NPTEL
22.	Machine Learning	8	2	NPTEL

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23.	An Introduction to Artificial Intelligence	12	3	NPTEl
24.	Modern Application Development	12	3	NPTEL
25.	Artificial Intelligence: Knowledge Representations and Reasoning	12	3	NPTEL
26.	Design Technology and Innovation	8	2	NPTEL
27.	Understanding Design Thinking and People Centred Design	4	1	NPTEL
28.	Medical Image Analysis	4	1	NPTEL
29.	Medical Biomaterials	8	2	NPTEL
30.	Bio-Informatics: Algorithms and Applications	12	3	NPTEL
31.	Optical Spectroscopy and Microscopy: Fundamentals of optical measurements and Instrumentation	12	3	NPTEL
32.	Cell Culture Technologies	8	2	NPTEL
33.	Biostatistics and Design of Experiments	8	2	NPTEL
34.	Principles and Applications of NMR Spectroscopy	8	2	NPTEL

MOOCS for Hons for B.Sc. Molecular Biology/ Biotechnology/Microbiology/Genetics 2nd & 3Rd Year

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera
2.	Data Science Methodology	3	1	Coursera
3.	Business Analytics & Data Mining Modelling Using R	12	3	Swayam
4.	A Life of Happiness and Fulfilment	6	2	Coursera
5.	Successful Career Development	7	2	Coursera
6.	IBM DATA SCIENCE	12	3	Coursera
7.	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera
8.	Machine Learning with Python	12	3	Coursera
9.	Data Processing Using Python	12	3	Coursera
10.	Advanced Data Science with IBM Specialization	8	2	Coursera
11.	Data Science: Foundations using R Specialization	12	3	Coursera
12.	Python for Data Science and AI	8	2	Coursera

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13.	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
14.	Python and Statistics for Financial Analysis	4	1	Coursera
15.	Applied Machine Learning in Python	12	3	Coursera
16.	Understanding Design	4	1	NPTEL
17.	Innovation by Design	4	1	NPTEL
18.	Design Technology and Innovation	4	1	NPTEL
19.	Python for Data Science	4	1	NPTEL
20.	Introduction to Machine Learning	12	3	NPTEL
21.	Machine Learning	8	2	NPTEL
22.	An Introduction to Artificial Intelligence	12	3	NPTEI
23.	Modern Application Development	12	3	NPTEL
24.	Artificial Intelligence: Knowledge Representations and Reasoning	12	3	NPTEL
25.	Design Technology and Innovation	8	2	NPTEL
26.	Understanding Design Thinking and People Centred Design	4	1	NPTEL
27.	Medical Image Analysis	4	1	NPTEL
28.	Medical Biomaterials	8	2	NPTEL
29.	Bio-Informatics: Algorithms and Applications	12	3	NPTEL
30.	Optical Spectroscopy and Microscopy: Fundamentals of optical measurements and Instrumentation	12	3	NPTEL
31.	Cell Culture Technologies	8	2	NPTEL
32.	Biostatistics and Design of Experiments	8	2	NPTEL
33.	Principles and Applications of NMR Spectroscopy	8	2	NPTEL
34.	Human Molecular Genetics	4	1	NPTEL
35.	Bioenergetics of Life Processes	4	1	NPTEL
36.	Bioengineering: An interface with Biology and Medicine	8	2	NPTEL
37.	Introductory Mathematical Methods for Biologists	8	2	NPTEL
38.	Computational System Biology	12	3	NPTEL
39.	Thermodynamics for Biological Systems: Classical and Statistical Aspects	12	3	NPTEL
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MOOCS for Hons for B.Sc. Behavioural Science and Applied Psychology $2^{nd}~\&~3^{Rd}~Year$

No.	Course Name	Duration (Weeks)	Credit	MOOCS Platform
1.	Transmedia Storytelling: Narrative worlds, emerging technologies, and global audiences	6	2	Coursera
2.	Data Science Methodology	3	1	Coursera
3.	Business Analytics & Data Mining Modelling Using R	12	3	Swayam
4.	A Life of Happiness and Fulfilment	6	2	Coursera
5.	Successful Career Development	7	2	Coursera
6.	IBM DATA SCIENCE	12	3	Coursera
7.	Data Analysis and Presentation Skills: the PwC Approach Specialization	12	3	Coursera
8.	Machine Learning with Python	12	3	Coursera
9.	Data Processing Using Python	12	3	Coursera
10.	Advanced Data Science with IBM Specialization	8	2	Coursera
11.	Data Science: Foundations using R Specialization	12	3	Coursera
12.	Python for Data Science and AI	8	2	Coursera
13.	Data Science: Statistics and Machine Learning Specialization	12	3	Coursera
14.	Python and Statistics for Financial Analysis	4	1	Coursera
15.	Applied Machine Learning in Python	12	3	Coursera
16.	Understanding Design	4	1	NPTEL
17.	Innovation by Design	4	1	NPTEL
18.	Design Technology and Innovation	4	1	NPTEL
19.	Python for Data Science	4	1	NPTEL
20.	Introduction to Machine Learning	12	3	NPTEL
21.	Machine Learning	8	2	NPTEL
22.	An Introduction to Artificial Intelligence	12	3	NPTEI
23.	Modern Application Development	12	3	NPTEL
24.	Artificial Intelligence: Knowledge	12	3	NPTEL

	Representations and Reasoning			
25.	Design Technology and Innovation	8	2	NPTEL
26.	Understanding Design Thinking and People Centred Design	4	1	NPTEL
27.	Understanding Design Thinking & People Centred Thinking	4	1	NPTEL
28.	Consumer Behaviour	8	2	NPTE1
29.	Design Thinking – A primer	4	1	
30.	Managing Change in Organizations	8	2	NPTEL
31.	Introduction to Cognitive Psychology	12	3	NPTEL
32.	Feminism: Concept and Theories	12	3	NPTEL
33.	Introduction to Brain and Behaviour	8	2	NPTEL
34.	Emotional Intelligence	8	2	NPTEL
35.	Language and Mind	8	2	NPTEL
36.	Introduction to cultural Studies	12	3	NPTEL