



LIST OF RESEARCH BASED BRIDGE COURSES OFFERED BY DEPARTMENT

B.E. A.Y 2017-18

Sr. No.	Course Name	Mode of Teaching/ Course Type	Duration	Domain	Resource	Faculty Incharge
1	R Programming	Direct Contact Hours [Basic]	20 hrs	S/W Development and Information System Management	https://www.udemy.com/r-basics/	Mr. Anand Khandare
2	Software Testing	Direct Contact Hours [Application]	20 hrs	S/W Development and Information System Management	https://www.udacity.com/course/software-testing---cs258	Ms. Veena Kulkarni
3	Text Retrieval and Search Engines	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	S/W Development and Information System Management	https://www.coursera.org/learn/text-retrieval	Ms. Harshali Patil
4	Product Design and Development	Self/Collaborative Learning [Interdisciplinary]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Project and Finance Management	https://www.onlinecourses.nptel.ac.in/noc17_me16	Ms. Deepali Joshi
5	Intellectual Property Rights	Self/Collaborative Learning [Interdisciplinary]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Project and Finance Management	https://www.nptel.ac.in/courses/109103024/40	Mr. Rajesh Singh
6	Natural Language Processing	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Intelligent System Design and Development	https://www.coursera.org/learn/natural-language-processing	Ms. Tanushree Bhattacharjee
7	Implementing real time analytics with Hadoop in Azure	Self/Collaborative Learning [Application]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	S/W Development and Information System Management	https://www.edx.org/course/implementing-real-time-analytics-hadoop-microsoft-dat202-2x-4	Ms. Prachi Dalvi
8	Internet of Things	Self/Collaborative Learning [Interdisciplinary]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Computing and System Design	https://www.coursera.org/specializations/internet-of-things	Ms. Priti Badhe
9	Bitcoin and	Self/Collaborative	Traditional (6	Communication	https://www.co	Ms.

	cryptocurrency technologies	e Learning [Application]	hrs) Self (10 hrs) Collaborative (4 hrs)	Networking and Web Engineering	ursera.org/learn/cryptocurrency	Harshala Yadav
10	Ethical Hacking	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Communication Networking and Web Engineering	https://www.udemy.com/Ethical-Hacking/Online-Course	Ms. Vidyadhari Singh
11	Augmented Reality	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Intelligent System Design and Development	https://www.coursera.org/learn/augmented-reality	Mr. Manish Rana
12	Robotics	Self/Collaborative Learning [Application]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Intelligent System Design and Development	https://www.coursera.org/specializations/robotics	Mr. Vikas Singh
13	Biometrics	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Multimedia System Design and Development	https://www.brainmeasures.com/courses/online/502/biometrics-certification.aspx	Ms. Deepali Joshi
14	Data Visualization tools	Self/Collaborative Learning [Application]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	S/W Development and Information System Management	https://www.edx.org/course/data-visualization-all-trinity-x-t005x	Ms. Anupriya Babbar
15	Business Intelligence concepts, Tools and Applications	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	S/W Development and Information System Management	https://www.coursera.org/learn/business-intelligence-tools	Dr. Sheetal Rathi

Prepared By

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