LIST OF IDUSTRY ORIENTED BRIDGE COURSES OFFERED BY DEPARTMENT

T.E. A.Y 2017-18

SN	Course Name	Mode of Teaching/ Course Type	Duration	Domain	Resource	Faculty In charge
1	Data Processing Using Python	Self/Collaborative Learning [Application]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Software Development and Information System Management	https://www.coursera.org/learn/python-data-processing	Mr. Shailesh Sangle
2	Finance Management and Leadership	Self/Collaborative Learning [interdisciplinary]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Project Management and Finance	https://www.coursera.org/learn/financial-markets-global	Mr. Rajesh Singh
3	Game Theory	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Computing and System Design	https://www.coursera.org/learn/game-theory-1	Mrs. Shiwani Gupta
4	Data Science	Self/Collaborative Learning [Applications]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Software Development and Information System Management	https://www.coursera.org/specializations/jhu-data-science	Mrs. Ashwini Patil
5	Machine Learning concepts	Self/Collaborative Learning [Interdisciplinary]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Intelligent System Design and Computing	https://www.coursera.org/learn/machine-learning	Mr. Manish Rana
6	Ruby on Rails	Self/Collaborative Learning [Applications]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Computing and System Design	https://www.coursera.org/specializations/ruby-on-rails	Mr. Yash Shah
7	Web Development Framework	Self/Collaborative Learning [Application]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Communication Networking and Web Engineering	https://www.coursera.org/learn/web-app	Mrs. Jesal Varoliya
8	Cross platform Mobile Application Development	Self/Collaborative Learning [Interdisciplinary]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Communication Networking and Web Engineering	https://www.coursera.org/learn/ionic-cordova	Mr. Anand Khandare

9	Cisco Networking Basics	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Communication Networking and Web Engineering	https://www.coursera.org/specializations/networking-basics	Mrs.Kalpana Gangware
10	Cyber security for Business	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Communication Networking and Web Engineering	https://www.coursera.org/specializations/cyber-security-business	Mrs. Vidyadhari Singh
11	Data Engineering	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Software Development and Information System Management	https://www.coursera.org/specializations/gcp-data-machine-learning	Ms. Prachi Janrao
12	Interaction Design	Self/Collaborative Learning [Research]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Intelligent System Design and Computing	https://www.coursera.org/specializations/interaction-design	Mrs. Megharani Patil
13	Agile Development	Self/Collaborative Learning [Applications]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Software Development and Information System Management	https://www.coursera.org/specializations/agile-development	Mrs. Lydia Suganya
14	Deep Learning	Self/Collaborative Learning [Application]	Traditional (6 hrs) Self (10 hrs) Collaborative (4 hrs)	Intelligent System Design and Computing	https://www.coursera.org/specializations/deep-learning	Mr. Nitin Harne
15	Arduino	Direct Contact Hours [Basic]	20 hrs	Computing and System Design		Mrs. Vaishali Nirgude
16	Python Programming	Direct Contact Hours [Basic]	20 hrs	Computing and System Design		Mr. Arul Shalom

Prepared By

sd/-   sd/-

Mr. Anand Khandare   Dr. Sheetal Rathi
                                                                              HOD CMPN