

International Winter School Manipal University Jaipur (IWSMUJ2022)

Course Overview

Name of course: Robotic Process Automation in Business

Name of instructor: Dr R K Tailor, Associate Professor

Session: January 2022

Language of instruction: English

Number of contact hours: 36

Credit awarded: 03

Objective of course

- To understand the concept and relevance of robotic process automation
- To discuss the working process of robotic process automation
- To gain insights in application areas of robotic process automation for business
- To gain knowledge about different robotic process automation models of business
- To develop a business model using robotic process automation

Syllabus

Robotic process automation: Introduction, features, merits, demerits, role in business. Application areas of robotic process automation. Models of robotic process automation in finance and accounting, sales and marketing, HR, Production and operations and service sector. Practice on specific models of robotic process automation i.e. attendance tracking, performance tracking, performance evaluation etc. Development of business models using robotic process

Organization of course

Total contact hrs 36		
1st week:	10 hrs (classes)	2 hrs (self-study/project)
2nd week:	10 hrs (classes)	2 hrs (Mid term exam/assessment/discussion)
3rd week:	10 hrs (classes)	2 hrs (End term exam)

Mode of lectures: online lecture/online videos/case study/ discussion/ workshop/ hands-on

Course Plan

Lecture no.	Topic	Lecture mode	Instructor
L: 1-6	Overview of robotic process automation	Online	Dr R K Tailor
L: 7-12	Application area of robotic process automation with examples	Online + Videos	Dr R K Tailor
L: 13-18	Various robotic process automation models of business	Online + Videos	Dr R K Tailor
L: 19-24	Study of various existing models of robotic process automation	Online + Videos	Dr R K Tailor
L: 25-30	Hands on hands practice on the existing robotic process models	Hands-on-hand practice	Dr R K Tailor
L: 31-36	Development of business models using robotic process automation	Hands-on hand + Assignment	Dr R K Tailor

Brief profile of the instructor

Dr R K Tailor is working as an Associate Professor, Department of Business Administration, School of Business & Commerce, Manipal University Jaipur. He is an expert of robotic accounting and robotic process automation and has been delivering lectures on robotic process automation and robotic accounting as expert since last 10 years. He has chaired number of national and international conferences and served as editorial board member in various publishers of India and Abroad. Dr Tailor has authored number of books on commerce and management discipline. Dr Tailor is Executive Council- Member of Indian Commerce Association. He has also served as associate editor in Indian Journal of Accounting.

