



MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL

(A constituent unit of MAHE, Manipal)

COURSE PLAN

Department	:	HUMANTIES AND MANAGEMENT
Course Name & code	:	Research Methodology & Technical Communication & HUM 5101
Semester & branch	:	I SEMESTER M.TECH & COMMON TO ALL
Name of the faculty	:	Prof. Dr. Lewlyn L Raj Rodrigues, Dr. James M J, Dr.Sumukh S H, Mr.Asish Mathew, Mr. Mahesh Prabhu, Ms Pooja Kini
No of contact hours/week:		1 hour per week Lecture Tutorial(T) Practical 2

ASSESSMENT PLAN

Course Outcomes (COs)

At the end of this course, the student should be able to:

		No. of Contact Hours	Marks
C01:	Define concepts of research and recall types of research	4	06
C02:	Define the problem, and develop the research design to solve the identified problem	3	06
C03:	Organise the thesis report, journal paper	3	06
C04:	Develop effective technical oral presentation	1	06
C05:	Develop a good research proposal	1	06

	Total	12	30
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1. Continuous Evaluation	Common to all – 50%
20 Marks for sessional test and 30 Marks for end semester assessment	
2. Lab Examination	Respective departments -50%
<ul style="list-style-type: none"> 20 marks of Tutorial end sem test and end sem Examination of 2 hours duration 30 (Max. Marks: 30) 	

Course Plan

L. No.	Topics	Course Outcome Addressed
L1	Introduction, Types of research & significance of research	CO1
L2	Making an effective technical presentation	CO4
L3	The research process: Eight step model	CO1
L4	Reviewing the literature and summary of literature	CO1
L5	Formulating a research problem: Identifying variables	CO1
L6	Constructing hypotheses, Selecting a study design, the research design	CO1
L7	Selecting a method of data collection, Collecting data using attitudinal scales	CO2
L8	Establishing the validity and reliability of a research instrument, Selecting a sample	CO2
L9	Considering ethical issues in data collection, Processing data, Displaying data	CO2
L10	How to write a research proposal	CO5
L11	Writing a research report	CO3
L12	IEEE, APA and Harvard styles of referencing. Presentation of figures and tables.	CO3
L13	Click or tap here to enter text.	CO
L14	Click or tap here to enter text.	CO

References:


1. Dr Ranjit Kumar, Research Methodology: A Step-by-Step Guide for Beginners, SAGE, 4th Ed. 2015.
2. Geoffrey R. Marczyk, David DeMatteo & David Festinger, Essentials of Research Design and Methodology, John Wiley & Sons, 2004.
3. John W. Creswel , Research Design: Qualitative, Quantitative, and Mixed Methods Approaches, SAGE, 2004
4. C. R. Kothari, Research Methodology: Methods and Techniques, New Age International Publisher, 2008.
5. Donald R Cooper & Pamela S Schindler, Business Research Methods, McGraw Hill International, 2007.
6. Manfred Max Bergman, Mixed Methods Research, SAGE Books, 2006.
7. Click or tap here to enter text.

Submitted by: Dr. Sumukh S.Hungund


(Signature of the faculty)

Date: 13-07-2019

Approved by: Dr.Gopalkrishna B

 **Prof. Dr. GOPALKRISHNA BARKUR**
B.E., M.Tech., Ph.D.,
HOD, HUMANITIES & MANAGEMENT
(Signature of HOD) MIT, MANIPAL - 576 104
Karnataka, India

Date: 13-07-2018

FACULTY MEMBERS TEACHING THE COURSE (IF MULTIPLE SECTIONS EXIST):

FACULTY	SECTION	FACULTY	SECTION
Prof. Dr. Lewlyn L Raj Rodrigues	D	Dr. James M J	C,H
DR.SUMUKH S HUNGUND	G	Mr.Asish Oomen Mathew	E,J
Mr. K Dashrathraj Shetty	A	Mr. Mahesh Prabhu	B,F,I
Ms Pooja Kini	K		

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