

Maulana Abul Kalam Azad University of Technology, WB
(Formerly known as West Bengal University of Technology)
Syllabus of B.Sc. in B.Sc. in Psychology
Effective from academic session 2023-24

Semester-VII

Course Name: RESEARCH METHODOLOGY

Mode: Offline

Credits: 3

BSCPY-701

Aim of the Course: The aim is to achieve basic concept of the basic orientations to research like qualitative and quantitative, need for quantification in psychological research; levels of measurements; steps in development of psychological tests, types of social scientific research, and steps in conducting social scientific research, and sampling and research design.

Course Objectives: The course is aimed to build knowledge in the meaning, nature, and purpose of research. They should understand different characteristics of good scientific research and the types of research (qualitative and quantitative, exploratory, explanatory, descriptive). They will have a descriptive ideation about the need for quantification in psychological research; levels of measurements; steps in development of psychological tests (Item analysis, reliability, validity, norms). They should be able to understand types of social scientific research: lab and field experiments, field study, ex-post facto research, surveys, case studies. Upon completion of this course, students should use & interpret the steps in conducting social scientific research and sampling and research design & their concepts, nature, and types in short.

SI	Graduate attributes	Mapped modules
CO1	The student will acquire knowledge in the purpose of research.	M1
CO2	The student will understand types of research.	M2
CO3	The student shall master the concepts of Need for quantification in psychological research and psychological tests.	M3

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CO4	The students will understand the concept and steps in conducting Social scientific research.	M4
CO5	The students will get a basic knowledge Sampling and Research design	M5

Learning Outcome/ Skills:

The candidates should demonstrate the concept and purpose of research and the basic orientations to research like qualitative, quantitative, exploratory, explanatory, descriptive. The stages involved in developing psychological tests (item analysis, reliability, validity, and norms) as well as the necessity of quantification in psychological research will be covered in detail. The following forms of social scientific research should be understandable to them: surveys, case studies, ex-post facto research, lab and field experiments, and field studies. After completing this course, students should be able to apply and interpret the procedures for doing social scientific research, as well as sampling and research design, as well as their general concepts, kinds, and nature.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
<u>THEORY</u>					
M1	Basic concept on the purpose of research	09	20	1,2,3	NA
M2	Psychological research and the development of psychological tests	14	30	1,2,3	NA
M3	Social scientific research	15	30	1,2,3	NA
M4	Sampling and Research design	07	20	1,2,3	NA
Total Theory		45	100		
<u>Practical</u>		30			

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2. Project based practical on any two topic of short tool development				
Total	75			

Detailed Syllabus

Module 1:Basic concept on the purpose of research

Meaning, nature, and purpose of research; characteristics of good scientific research; types of research (qualitative and quantitative, exploratory, explanatory, descriptive)

Total Hours: 09

Module 2:Psychological research and the development of psychological tests

Need for quantification in psychological research; levels of measurements; steps in development of psychological tests (Item analysis, reliability, validity, norms)

Total Hours: 14

Module 3:Social scientific research

Types of social scientific research: lab and field experiments, field study, ex-post facto research, surveys, case studies. Steps in conducting social scientific research

Total Hours: 15

Module 4:Sampling and Research design

Meaning, nature, and types in brief

Total Hours: 07

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PRACTICAL

Total Hours: 30

BSCP791

Credit: 2

Project based practical on any two topics on short tool development (developing an attitude scale towards any social construct to be decided in class through group discussion)

Suggested Readings:

- Chadha, N.K. (2009) Applied Psychometry. Sage Pub: New Delhi.
- Dyer, C. (2001) Research in Psychology: A Practical Guide to Research Methodology and Statistics (2nd Ed.) Oxford: Blackwell Publishers
- Gregory, R.J. (2006). Psychological Testing: History, Principles, and Applications (4th Ed.). New Delhi: Pearson Education.
- Murphy, K.R. & Davidshofer, C. O. (2004). Psychological Testing: Principles & Applications (6th Ed.) New Jersey: Prentice Hall.
- Neuman, W.L. (2006). Social Research Methods: Qualitative and Quantitative Approaches (6th Ed.) Boston: Pearson Education.
- Willig, C. (2001). Introducing qualitative research in psychology: Adventures in theory and method. Philadelphia: Open University Press.

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Course Name: COUNSELLING PSYCHOLOGY

Mode: Offline

Credits:3

BSCPY-702

Aim of the Course: The aim is to achieve knowledge of Counselling, difference between guidance, counselling, and psychotherapy; stages of counselling; counselling relationship, counselling pre-requisites; characteristics of a good counsellor, major approaches to counselling: Psychodynamic, Behavioral, Cognitive, Humanistic and Counselling in special settings: Educational, Vocational, Crisis intervention, psychological first-aid.

Course Objectives: The course is aimed to build knowledge in meaning and nature of Counselling. They should be able to explain the difference between guidance, counselling, and psychotherapy. They should demonstrate the knowledge about the stages in the counselling process - counselling relationship, counselling pre-requisites. They will be able to relate to the common attitudinal factors needed to be a good counsellor. They should be able to compare the different perspectives of counselling to arrive at a coherent orientation and understand the major approaches to counselling: Psychodynamic, Behavioral, Cognitive, Humanistic. Upon completion of this course, students should be able to understand the Counselling in special settings: Educational, Vocational, Crisis intervention, psychological first-aid.

Sl	Graduate attributes	Mapped modules
CO1	The student will acquire knowledge in the Counselling	M1
CO2	The student will understand difference between guidance, counselling, and psychotherapy	M2
CO3	The student shall master the stages in the counselling process	M3

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CO4	The students will understand the concept to major approaches to counselling	M4
CO5	The students will be able to contrast the different perspectives of counselling to arrive at a coherent orientation.	M5

Learning Outcome/ Skills:

The goal of the course is to increase understanding of the nature and significance of counselling. They ought to be able to define the distinctions between psychotherapy, counselling, and guidance. They ought to exhibit their understanding of the phases of the counselling procedure, including the prerequisites and the counselling connection. They will be able to connect with the shared attitudes required of competent counsellors. In order to develop a cohesive orientation, they should be able to evaluate the many counselling perspectives and comprehend the four main counselling approaches: psychodynamic, behavioural, cognitive, and humanistic. Students should be able to comprehend counselling in certain contexts, such as educational, vocational, crisis intervention, and psychological first aid, after completing this course.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks,if any
<u>THEORY</u>					
M1	Basic concept on the nature of Counselling	09	20	1,2,3	NA
M2	Stages of counselling	14	30	1,2,3	NA
M3	Different approaches to counselling	15	30	1,2,3	NA
M4	Counselling in various special settings	07	20	1,2,3	NA
Total Theory		45	100		

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<u>Practical</u>	30			
1. Project based practical on attitude towards mental health treatment in various population.				
2. Project based practical on Emotional Intelligence.				
Total	75			

Detailed Syllabus

Module 1: Basic concept on the nature of Counselling

Meaning and nature of Counselling. Difference between guidance, counselling, and Psychotherapy.

Total Hours: 09

Module 2: Stages of counselling

Stages of counselling; counselling relationship, counselling pre-requisites as well as characteristics of a good counsellor

Total Hours: 14

Module 3: Different approaches to counselling

Major approaches to counselling: Psychodynamic, Behavioral, Cognitive, Humanistic

Total Hours: 15

Module 4: Counselling in various special settings

Counselling in special settings: Educational, Vocational, Crisis intervention, psychological first-aid. Meaning, nature, and types in brief

Total Hours: 07

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PRACTICAL

Total Hours: 30

BSCP792

Credit: 2

Project based practical on assessing attitude towards mental health treatment in different population

Practical on assessing Emotional Intelligence of employees

Suggested Readings:

- Burnard, P. (2009). Counseling Skills Training: Book of activities. Viva Books, New Delhi.
- Capuzzi, D. & Gross, D. R. (2007). Counselling and Psychotherapy: Theories and Interventions (4th Ed.) New Delhi. Pearson.
- Corey, G. (2009) Counselling and Psychotherapy; Theory and Practice. (7th Ed.) New Delhi: Cengage Learning.
- Friedlander, M.L. & Diamond, G.M. (2012). Couple and Family Therapy. In E. M. Altmaier and J.C. Hansen (Eds.) The Oxford Handbook of Counselling Psychology. New York: Oxford University Press.
- Geldard, K. & Geldard, D. (2011). Counselling Children: A Practical Introduction (3rd Ed.) New Delhi: Sage
- Gibson, R. L. & Mitchell, M. H. (2012). Introduction to Counselling and Guidance (7th Ed.) New Delhi: Pearson

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Course Name: HUMAN RESOURCE MANAGEMENT AND EMOTIONAL INTELLIGENCE

Mode: Offline

Credits:4

BSCPY-703

Aim of the Course: The aim is to achieve basic concept of human resource management (HRM), the corporate culture, Staffing and recruitment process, Managerial communication and effective image building, Performance appraisal; employee training and development as well as emotional and social intelligence.

Course Objectives: The course is aimed to build knowledge in meaning and nature of HRM and corporate culture. The students should be able to explain the staffing and recruitment processes. They should be able to demonstrate Managerial communication and effective image building. They should have a clear conception about Performance appraisal, employee training and development in the industries and companies. And upon completion of this course, students should know about the concept of emotional and social intelligence.

SI	Graduate attributes	Mapped modules
CO1	The student will get an introduction to human resource management.	M1
CO2	The student shall learn the concept of the recruitment and staffing procedures.	M2
CO3	The student must comprehend the idea of Managerial communication and effective image building.	M3
CO4	The Students should have a comprehensive understanding of employee development, training, and performance appraisal in industries.	M4
CO5	The students will get the knowledge of emotional and social intelligence.	M5

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Learning Outcome/ Skills:

The candidates should have a comprehensive understanding in corporate culture and human resource management. The staffing and recruitment procedures must to be able to be explained by students. They ought to be able to exhibit good image building and managerial communication. They ought to be well-informed about staff development, training, and performance appraisals in the context of companies and industries. Additionally, students will understand the notions of emotional and social intelligence after completing this course.

Module Number	Content	Total Hours	% of questions	Bloom Level (applicable)	Remarks, if any
THEORY					
M1	Basic concept of human resource management	15	20	1,2,3	NA
M2	Procedures in staffing and recruitment	09	20	1,2	NA
M3	Managerial communication and effective image building	12	20	1,2	NA
M4	The concepts in Performance appraisal	09	20	1,2,3	NA
M5	Emotional Intelligence	15	20	1,2,3	NA
Total Theory		60	100		
TOTAL		60			

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Detailed Syllabus:

Module 1: Basic concept of human resource management

Meaning and nature of human resource management (HRM) and understanding to corporate culture

Total Hours: 15

Module 2: Procedures in staffing and recruitment:

Staffing and recruitment process

Total Hours: 09

Module 3: Managerial communication and effective image building

Structure and function Managerial communication and effective image building

Total Hours: 12

Module 4: The concepts in Performance appraisal

Understanding to Performance appraisal; employee training and development

Total Hours: 09

Module 5: Emotional Intelligence

The concept of emotional and social intelligence

Total Hours: 15

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Suggested Readings:

- Aamodt, M.G. (2001) Industrial/ Organizational Psychology. Thompson Wadsworth, a division of Thompson learning Inc.
- Bhatnagar, J. & Budhwar, J. (2009). The changing face of people management in India. London: Routledge.
- Briscoe, D. R., Schuler, R. S. & Claus, L. (2009). International human resource management: Policies and practices for multinational enterprises (3rd Ed). New York: Routledge.
- Chadha, N.K. (2005). Human Resource Management- Issues, case studies and experiential exercises. 3rd edition. New Delhi: Sai Printographers.
- DeCenzo, D.A. & Robbins, S.P. (2006). Fundamentals of human resource management. (8th Ed). NY: Wiley.
- Harzing, A-W.K. and Pennington, A. (2011). International human resource management. New Delhi: Sage publications.