



Integral University, Lucknow

Effective from Session: 2025-2026

Course Code	A090801T/H S430	Title of the Course	Psychometric Testing and Assessment	L	T	P	C
Year	IV	Semester	VIII	4	0	0	4
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	To enable students to recognize the various types of psychological tests, organize the various steps in construction of a psychological test, and appreciate the ethical issues surrounding, psychometric evaluation in day to day life						

Course Outcomes	
CO1	The course will introduce the student to psychometric testing and assessment
CO2	The course will make the student aware of various types of Psychological Tests
CO3	It will provide the theoretical bases of psychological testing in various areas.
CO4	It will help understand the various sources of error in psychological testing
CO5	It will help understand the Standardization of a Test
CO6	It will provide an understanding of how tests are constructed
CO7	It will help gain knowledge of some of the most common personality scales and projective tests
CO8	It will help adhere to the ethical requirements of psychological testing

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1.	Introduction to Psychometric Testing and Assessment	Definition and uses of Psychological Test, Brief History of Psychological Testing and Assessment, Distinction between Assessment and Measurement.	7	CO1
2.	Psychological Tests	Type of Tests: (Administration) - Individual vs. Group, Speed vs. Power. Type of Tests: (Content) - Verbal vs. Performance, Culture Fair, Objective vs. Projective	8	CO2
3.	Theoretical Basis of Testing	General Mental Ability, Aptitude and Special ability Tests Personality, Interest and Values	8	CO3
4.	Errors in Measurement:	Examiner Variables, Testee Variables, Situational Variables	8	CO4
5.	Standardization of Test	Reliability, Types of Reliability -Test-Retest, Cronbach Alpha & Split Half. Validity, Types. of Validity, Factors influencing Reliability and Validity	8	CO5
6.	Construction of Test	Test Construction – Item Selection, Item Analysis, Standardization: Meaning, Norms Development & Types of Norms	7	CO6
7.	Personality Assessment Methods	Self-Administering Scales and Projective Tests	7	CO7
8.	Ethical issues in Testing and Assessment	Ethical issues in Psychological Testing and Assessment	7	CO8

Reference Books:

Anastasi, A. & Urbina, S. (1999). Psychological testing (7th International ed.), MacmillanCo.

Anastasi, A., (1988), Psychological Testing; 6th Ed. New York: Mc Millan Publishing Company.

Gregory, R. J. (2013). Psychological Testing: History, Principles, and Applications. Pearson Education

Kaplan, R. N. & Saccuzzo, D. P. (2001). Psychological Testing. Principles, Applications and Issues (5thed.) USA: Wadsworth Thomson Learning

Freeman, F.S. (1962). Theory and Practice of Psychological Testing; New Delhi: Oxford IBH

e-Learning Source:

: <https://psychcentral.com/lib/what-is-psychological-assessment#1>
<https://lindnercenterofhope.org/blog/psychological-assessment-what-is-it-andhow-can-it-help/>
<https://schoolworkhelper.net/psychological-testing-construction-administrationvalidity/>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)											
PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	1	2	1	2	1	2	3	2	2
CO2	3	2	1	2	1	2	1	2	3	2	3
CO3	3	3	1	2	1	1	1	3	3	2	2
CO4	3	3	2	2	1	2	1	3	3	3	2
CO5	3	3	1	2	1	2	1	3	3	3	3
CO6	3	3	2	2	1	2	1	3	3	3	3
CO7	3	3	2	3	2	2	1	3	3	2	3
CO8	2	2	1	2	3	3	2	2	2	1	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator

Sign & Seal of HoD



Integral University, Lucknow

Effective from Session: 2025-2026							
Course Code	A090802T/HS 431	Title of the Course	Psychology of Health and Well-Being	L	4	T	0
Year	IV	Semester	VIII	P	0	C	4
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	To understand the spectrum of health and illness for better health management.						

Course Outcomes	
CO1	Examine the physical, mental, and social determinants of health overall wellbeing.
CO2	Understand how cultural, psychological, and environmental factors shape health outcomes.
CO3	Identify illness related to Nutritional Deficiencies, Diabetes, Cardiovascular Diseases, HIV, Covid19
CO4	Examine coping mechanisms and adaptive strategies for stress management.
CO5	Evaluate psychological and physiological techniques for reducing stress.
CO6	Analyze the role of exercise, nutrition, sleep, and self-care in maintaining physical wellness.
CO7	Understand various mental health disorders and their impact on individuals and communities.
CO8	Develop strategies for prevention, early intervention, and holistic recovery in mental health.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction to Health and Wellbeing	Introduction, Concept and Definition of Health, Cross-cultural Perspectives on Health, Western Perspective, Eastern Perspective on Health, Indian Perspective on Health, Health-Illness Continuum	8	CO1
2	Models of Health and Illness	Introduction, Models of Health and Illness Management	7	CO2
3	Illness related to Food, Diet, Obesity and Physical Health	Nutritional Deficiencies, Diabetes, Cardiovascular Diseases, HIV, Covid19	8	CO3
4	Coping with Stress	Introduction, Definition and Nature of Coping, Goals of Coping, Coping Styles	6	CO4
5	Stress Management Techniques	Introduction, Relaxation Techniques, Meditation, Yoga Mindfulness, Biofeedback	8	CO5
6	Promotion of Physical Health	Health-enhancing behaviors: Exercise, Nutrition	7	CO6
7	Mental Illness Experience	Introduction, Depression, Anxiety, Psychosomatic Illnesses, Substance Use	8	CO7
8	Prevention, Management and Intervention	Classification of human strengths and virtues; cultivating inner strengths: Hope and optimism, Health and well-being, Gainful Employment, Work Life Balance	8	CO8

Reference Books:

- Balaji, D. P. V. (2012). Stress and Yoga. Journal of Yoga and Physical Therapy 2, 109. doi:10.4172/2157-7595.1000109
- Ghosh, M. (2015). Health Psychology: Concepts in Health and Well-being. Delhi: Pearson.
- Carr, A. (2004). Positive Psychology: The science of happiness and human strength. UK: Routledge.
- DiMatteo, M.R. & Martin, L.R. (2002). Health psychology. New Delhi: Pearson.
- Forshaw, M. (2003). Advanced Psychology: Health Psychology. London: Hodder and Stoughton.
- Snyder, C.R., & Lopez, S.J. (2007). Positive psychology: The scientific and practical explorations of human strengths. Thousand Oaks, CA: Sage.
- Taylor, S.E. (2006). Health psychology, 6th Edition. New Delhi: Tata McGraw Hill.
- Hick, J.W. (2005). Fifty signs of Mental Health. A Guide to understanding mental health. Yale University Press.

e-Learning Source:

<https://egyankosh.ac.in/bitstream/123456789/73144/1/Unit-2.pdf>
 Asanas Retrieved from <http://www.yoga-age.com/modern/asanas.html> on 11th November, 2019
 DSM-5 Criteria for Major Depressive Disorder Retrieved from <https://www.mdcalc.com/dsm-5-criteria-major-depressive-disorder> on 1st January, 2020

PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO											
CO1	1	2	3	3	2	3	2	3	1	3	2
CO2	2	2	2	3	2	3	1	2	2	2	3
CO3	2	1	2	2	2	2	3	2	2	2	3
CO4	2	2	1	2	1	3	2	2	2	3	2
CO5	3	2	2	2	2	1	1	3	1	3	2
CO6	2	1	3	1	1	2	2	1	2	3	2
CO7	3	2	2	2	1	2	3	2	3	1	1
CO8	1	2	1	2	2	2	2	3	2	2	2

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator				Sign & Seal of HoD			
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Integral University, Lucknow

Effective from Session: 2025-2026

Course Code	A090803T/HS432	Title of the Course	Sports Psychology and Athletes Well-Being	L	T	P	C
Year	IV	Semester	VIII	4	0	0	4
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	The course explores psychological factors influencing sports performance and athlete well-being. It equips students with applied strategies to enhance motivation, manage stress, and promote mental health in sports.						

Course Outcomes

CO1	Define sport psychology, its scope, history, role of psychologists, and its importance.
CO2	Understand action regulation and self-regulation techniques in sports.
CO3	Understand attitudes in sport, their measurement, formation, and impact on competition and behavior.
CO4	Understand how motivation, skills, and personality influence sports performance
CO5	Understand social facilitation, inhibition, and evaluation apprehension's impact on performance.
CO6	Define overtraining, staleness, and burnout, and understand their causes, symptoms, and prevention.
CO7	Understand the use of alcohol, drugs, and stimulants in sports, and discuss prevention and treatment.
CO8	Understand how exercise improves thinking, memory, and brain function

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1.	Nature and definition of sport psychology	Nature, scope and definition of Sport Psychology, Historical development of Sports Psychology, Role and functions of Sports Psychologists.		CO1
2.	Psychological aspects of action regulation	Meaning of action regulation, Importance of action regulation, Self- regulation techniques in sports, Systematic desensitization, Imagery Training and Autogenic.		CO2
3.	Attitudes to sport	Nature, Definition, components, and characteristics of attitudes, Measuring attitudes, The formation of attitudes to sport, Attitudes to competition..		CO3
4.	Motivation and Performance in Sport	Motivation, skills and performance. Personality profiles of successful sports persons.		CO4
5.	Competition Effects on Sports Performance	Social Facilitation and Audience Effects, Knowledge of the positive (Facilitation) and negative (Inhibition) effects of others, Knowledge of the cause and effects of evaluation apprehension (Cottrell)		CO5
6.	Athlete Burnout and Overtraining.	Definitions, symptoms, and causes of burnout and overtraining, staleness and burnout, Factors leading to athlete overtraining, prevention strategies for burnout and overtraining.		CO6
7.	Alcohol and Drug Use among Athletes:, Etiology, and Interventions	Prevalence of Alcohol among athletes, Recreational drugs, Pain killers' drugs, Stimulants, Prevention and treatment.		CO7
8.	Athlete Mental Health and Well-being	Prevalence of mental health issues in sport, Exercise and cognitive functioning, Role of exercise in reducing anxiety and depression and enhancing positive mood.		CO8

Reference Books:

Arnold LeUnes (2011). Introducing Sports Psychology – A practical Guide, Icon book Publication

D.F.Shaw, T.Gorely&R.M.Corban (2005). Sports and Exercise Psychology, BIOS Publisher.

Matt Jarvis (2006). Sports Psychology –A student's Handbook,Routledge Publication

Morris, T., Terry, P., & Gordon, S. (Eds.). (2017). Psychology of sport and exercise: Theory, applications and issues (3rd ed.). Pearson.

Weinberg, R. S., & Gould, D. (2019). Foundations of sport and exercise psychology (7th ed.). Human Kinetics.

e-Learning Source:

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	1	2	1	2	1	2	3	1	2
CO2	3	3	2	2	2	2	1	2	3	2	2
CO3	3	3	3	2	2	2	1	2	3	2	2
CO4	3	3	2	2	2	2	1	2	3	2	2
CO5	3	3	3	2	2	2	1	2	3	2	2
CO6	3	3	3	2	3	3	1	3	3	2	2
CO7	3	3	2	2	3	3	1	3	3	2	2
CO8	3	3	3	2	3	3	1	3	3	2	2

2- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator

Sign & Seal of HoD



Integral University, Lucknow

Effective from Session: 2025-2026

Course Code	A090804T/HS 433	Title of Course	Science of Aging: Biological, Psychological, and Social Perspectives	L	T	P	C
Year	IV	Semester	VIII	4	0	0	4
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	The purpose of this undergraduate program is to enable learners to understand the key concepts, theories, and issues related to aging and older adulthood. The program aims to help students appreciate the biological, psychological, and social aspects of aging, recognize the challenges and contributions of the elderly, and develop familiarity with the support systems, policies, and practices that promote healthy and active aging in diverse cultural contexts.						

Course Outcomes	
CO1	Describe and explain the concept, scope, and importance of gerontology.
CO2	Describe and compare biological, psychological, and social theories of aging.
CO3	Analyse the physical, cognitive, and emotional changes in aging.
CO4	Examine the role of family, caregivers, and social support in later life.
CO5	Evaluate challenges faced by the elderly in healthcare, economic security, and social inclusion.
CO6	Illustrate the impact of ageism and changing intergenerational relationships.
CO7	Demonstrate understanding of programs, services, and policies for older adults in India.
CO8	Interpret the significance of active aging, elder rights, and quality of life interventions.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction to Gerontology	Definition and scope of gerontology, Importance of studying aging, Myths and stereotypes about aging, Demographic trends and population aging	8	CO1
2	Theories of Aging	Biological theories: Wear and tear, genetic theory, free radical theory; Psychological theories: Erikson's stage of ego integrity vs despair; Sociological theories: Disengagement, Activity, Continuity theory	8	CO2
3	Physical and Cognitive Changes	Normal physical aging process, Changes in sensory abilities and mobility, Cognitive changes: memory and attention, Age-related diseases (dementia, Alzheimer's - brief overview)	8	CO3
4	Emotional and Social Changes	Coping with retirement, loneliness, bereavement, Role of family and peer groups, Importance of social engagement in aging	8	CO4
5	Behavioral and Cognitive Theories	Role of caregivers, Elder abuse and neglect, Intergenerational relationships, Social support systems	8	CO5
6	Aging and Well-being	Mental health in older adults, Ageism and societal attitudes, Spirituality and life satisfaction in old age	8	CO6
7	Elderly Care and Policy	National policies for older persons (India), Government schemes and services, Role of NGOs, Institutional vs home-based care	6	CO7
8	Promoting Healthy and Active Aging	Concept of active aging, Lifestyle interventions (exercise, diet, hobbies), Community participation, Ensuring dignity, rights, and quality of life in later years	6	CO8

References

1. Hooyman, N. R., & Kiyak, H. A. (2018). *Social Gerontology: A Multidisciplinary Perspective* (10th ed.). Pearson.
2. Quadagno, J. (2017). *Aging and the Life Course: An Introduction to Social Gerontology* (7th ed.). McGraw-Hill Education.
3. Moody, H. R., & Sasser, J. R. (2017). *Aging: Concepts and Controversies* (9th ed.). SAGE Publications.
4. Berk, L. E. (2022). *Development Through the Lifespan* (8th ed.). Pearson.

e-Learning Source:

<https://www.futurelearn.com/courses/care-of-older-people>

<https://www.open.edu/openlearn/people-politics-law/sociology/ageing-and-later-life/content-section-0>

PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO 8	PSO1	PSO2	PSO3
CO1	3	3	2	2	2	2	1	3	3	3	2
CO2	3	3	2	2	2	2	1	3	3	3	2
CO3	3	3	2	2	1	1	1	2	3	2	2
CO4	3	3	3	2	2	2	1	3	3	1	1
CO5	3	3	3	2	1	2	1	2	3	1	1
CO6	3	3	3	3	2	2	2	3	3	3	2
CO7	3	3	2	2	1	3	1	2	3	3	3
CO8	3	3	2	2	1	3	1	2	3	3	3

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator

Sign & Seal of HoD



Integral University, Lucknow

Effective from Session: 2025-2026							
Course Code	A090805T/HS434	Title of Course	Physiological Psychology	L	T	P	C
Year	IV	Semester	VIII	4	0	0	4
Pre-Requisite	Intermediate	Co-requisite	None				
Course Objectives	This undergraduate program introduces students to the biological basis of behaviour, focusing on brain structure, nervous system function, and the role of genetics. It aims to develop an understanding of how physiological processes influence emotions, consciousness, and health, using scientific methods relevant to real-world psychological applications.						

Course Outcomes	
CO1	Describe the nature, scope, and mind-brain relationship in physiological psychology
CO2	Describe key research methods like brain imaging, lesion, and stimulation techniques
CO3	Analyse the structure and function of the central, peripheral, and autonomic nervous systems
CO4	Examine major brain regions and cortical lobes in relation to behaviour
CO5	Evaluate physiological mechanisms of consciousness, sleep, and related disorders
CO6	Illustrate the biological basis of emotions, stress, and their impact on health
CO7	Demonstrate understanding of behaviour genetics and related gene-based disorders
CO8	Interpret neurological and chromosomal syndromes affecting behaviour and cognition

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Introduction to Physiological Psychology	Meaning, nature, and scope of physiological psychology, the mind-brain relationship, and a brief historical overview.	8	CO1
2	Methods in Physiological Psychology	Research methods like lesion studies, brain scanning (EEG, fMRI), electrical and chemical methods, and basic surgical techniques.	8	CO2
3	Nervous System Organization	Structure and functions of the central and peripheral nervous systems, autonomic system, and protective features like cerebrospinal fluid and meninges	8	CO3
4	Brain Structures and Functions	Hindbrain, midbrain, forebrain, and cerebral cortex (frontal, parietal, temporal, occipital lobes) and their basic roles	8	CO4
5	Consciousness and Sleep	Brain mechanisms behind consciousness, sleep stages (REM and NREM), circadian rhythms, and common sleep disorders.	8	CO5
6	Emotion and Health	Biological basis of emotions, stress responses, and how stress affects physical and mental health	8	CO6
7	Basics of Behavior Genetics	Role of genes in behavior, common genetic disorders like albinism and Down's syndrome, and heredity basics	6	CO7
8	Brain and Genetic Disorders	chromosomal syndromes like Turner's and Klinefelter's, and brain-related conditions like Parkinson's, Alzheimer's, and epilepsy	6	CO8

References.	
Carlson, N. R., & Birkett, M. A. (2021). Physiology of behavior (13th ed.). Pearson.	
Kalat, J. W. (2022). Biological psychology (14th ed.). Cengage Learning.	
Pinel, J. P. J., & Barnes, S. J. (2017). Biopsychology (10th ed.). Pearson.	
Rosenzweig, M. R., Breedlove, S. M., & Watson, N. V. (2005). Biological psychology: An introduction to behavioral, cognitive, and clinical neuroscience (4th ed.). Sinauer Associates.	
e-Learning Source:	
https://www.edx.org/course/the-brain-and-space	
https://www.khanacademy.org/test-prep/mcat/behavior	

PO-PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO 8	PSO1	PSO2	PSO3
CO1	3	3	2	2	2	2	1	3	3	3	2
CO2	3	3	2	2	2	2	1	3	3	3	2
CO3	3	3	2	2	1	1	1	2	3	2	2
CO4	3	3	3	2	2	2	1	3	3	1	1
CO5	3	3	3	2	1	2	1	2	3	1	1
CO6	3	3	3	3	2	2	2	3	3	3	2
CO7	3	3	2	2	1	3	1	2	3	3	3
CO8	3	3	2	2	1	3	1	2	3	3	3

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2025-2026						
Course Code	A090806P/HS435	Title of the Course	Tests and Experiments	L	T	P
Year	IV	Semester	VIII	0	0	4
Pre-Requisite	Intermediate	Co-requisite	None			
Course Objectives	This course deals with the sampling, testing experiments and research designs and their applications in research in this practicum.					

Course Outcomes	
CO1	Enable students to administer and interpret GSR feedback
CO2	Enable them to administer and interpret EEG
CO3	Enable students to understand the concept of wellbeing and administer the scale
CO4	Enable them to administer and interpret Rorschach test
CO5	Enable them to administer and interpret TAT

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mappe CO
1	GSR Biofeedback	Understanding Autonomic Arousal through Galvanic Skin Response	6	CO1
2	EEG	Measuring Brain Activity and Interpreting Cognitive States	6	CO2
3	Happiness scale/Forgiveness scale	Assessing Positive Psychology Constructs and Well-being	6	CO3
4	Rorschach Inkblot Test	Exploring Personality Dynamics through Projective Techniques	6	CO4
5	Thematic Apperception Test	Uncovering Underlying Motives, Emotions, and Conflicts	6	CO5

Reference Books:

- Anne Anastasi (1968). Psychological Testing
Indian Adaptation of Children Personality Questionnaire- Kapoor and Rao
- Passi Test of Creativity- B. K. Passi

e-Learning Source: Egyankosh, NCERT, ePathshala, <https://prasadpsycho.com/product>

PO- PSO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO8	PSO1	PSO2	PSO3
CO											
CO1	3	3	3	3	3	3	2	2	3	3	1
CO2	3	2	3	1	2	3	3	2	3	1	2
CO3	3	2	2	2	1	3	2	2	3	3	2
CO4	2	3	2	3	3	1	3	3	3	3	3
CO5	3	3	3	3	3	2	3	3	2	3	3

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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Integral University, Lucknow

Effective from Session: 2025-2026

Course Code	A090807R/HS 436	Title of the Course	Internship/ Field Study/ Project Work	L	1	T	0	P	3	C	4
Year	IV	Semester	VIII								
Pre-Requisite	Intermediate	Co-requisite	None								
Course Objectives	To provide in-depth exposure to professional psychological settings such as hospitals, mental health clinics, rehabilitation centers, schools, NGOs, and HR departments. The course aims to sharpen clinical observation, psychological assessment, intervention skills, and reflective abilities through supervised field practice. Emphasis will be laid on developing ethical sensitivity, professional identity, and evidence-based psychological application.										

Course Outcomes

CO1	Engage in structured psychological activities in applied settings (clinical/educational/organizational).
CO2	Demonstrate application of basic psychological tools, assessments, and intervention techniques.
CO3	Exhibit teamwork, ethical conduct, and professional communication in field settings.
CO4	Prepare detailed case reports, observation logs, and summary documents.
CO5	Critically reflect on professional experiences to align academic knowledge with real-world demands.

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	Institutional Internship	Placement in clinical, school, NGO, rehab or corporate psychology setup	12	CO1
2	Psychological Applications	Observation & practice: screening, assessments, intervention techniques	12	CO2
3	Ethics & Professional Skills	Training in ethics, boundaries, confidentiality, case documentation	12	CO3
4	Report Writing	Case summaries, internship journal, psychological observation reports	12	CO4
5	Presentation and Viva Voce	PowerPoint presentation, oral viva based on internship experience	12	CO5

Reference Books:

APA Publication Manual (7th Ed.)

ICMR Ethical Guidelines for Human Research

NIMHANS Field Training Modules

Jacob & Hartshorne (2007). Ethics and Law for School Psychologists

e-Learning Source:

WHO Mental Health Gap (mhGAP) Training Modules

APA Ethical Principles and Code of Conduct

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	1	1	2	1	1	2	3	3	2
CO2	3	3	1	1	2	1	2	2	2	3	1
CO3	1	2	3	3	1	1	2	3	1	2	2
CO4	1	2	3	1	2	3	3	3	1	1	3
CO5	2	3	1	1	3	2	1	2	3	1	3

1-Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator

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