DEPARTMENT OF PHYSICAL EDUCATION, MUGBERIA GANGADHAR MAHAVIDYALAYA, BHUPATINAGAR, PURBA MEDINIPUR-721425

PROGRAMME OUTCOME (PO), COURSE OUTCOME (CO) AND PROGRAMME SPECIFIC OUTCOME (PSO) FOR STUDENTS OF UNDER GRADUATE COURSE: 2021-2022

Programme Name: Bachelor of Physical Education (B.P. ED)

Programme Outcomes:

PO1: Disciplinary Knowledge To acquire comprehensive and sufficient knowledge of understanding in Physical Education and Sports.

PO2: Critical Reasoning & Problem Analysis: To acquire the ability of deep study and then critically to think and analyse the subject of Physical Education in its different areas.

PO3: Develop Interdisciplinary Knowledge: To enable students in developing an effective approach to Interdisciplinary study and enable them to build their own interdisciplinary pathway by choosing courses which makes sense to them.

PO4: Communication skill and attitudes: Create an open environment for interaction and feedback; get specific with tasks and instructions and using technology for connecting students and community.

PO5: Self- Directed Learning: Ability to work independently, study the subjects in its depth and apply thoughts for solving the problems in various field.

PO6: Experimental learning and Employability options: Adapt the global change and able enough to live independently and acquire knowledge throughout the life. Also they will able to find job in different sectors of Physical Education and Physical Education related subjects.

PO7: Develop Research Related Skill: Capability of thinking the various field of Physical Education, advances in those fields and clear concept about them so that appropriatete questions are formed on related fields.

Programme Specific Outcomes:

- PSO 1 To develop skills required to work in Physical education and Sports Sciences
- PSO 2 To develop conceptualizing, Coaching and Physical education and Sports content creation skills
- PSO 3 To Analyze the practical knowledge during the practical situation
- PSO 4 To train in coaching and Teaching content creation, Sports Training and sports coaching skills.
- PSO5 To obtain fundamental understanding of research methodology, development Physical education and Sports Sciences .
- PSO6: Attainment of knowledge and the growth of positive attitude towards physical activity and sports.

MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425 DEPARTMENT OF PHYSICAL EDUCATION

SEMESTER:1

Course outcome (CO) for B.P.ED Students: 2021-2022

CO01: HISTORY, PRINCIPLES AND FOUNDATION OF PHYSICAL EDUCATION & OLYMPIC MOVEMENT (CC-101)

Learning outcomes:

- 1: Understand the basic concepts of physical education.
- 2: Know the historical development of physical education in India.
- **3:** Understand the foundation of physical education and psychological and sociological principles of physical education.
- **4:** Know the origin and development of Olympics.

CO02: ANATOMY AND PHYSIOLOGY (CC-102)

Learning outcomes:

- 1: Know the basics of anatomy and physiology.
- 2: Understand the Muscular system, digestive, Energy metabolism and circulatory system.
- 3: Understand the Respiratory, excretory, endocrine, nervous system & sense organs
- 4: Understand the Effect of Exercise on Different System

CO03: HEALTH EDUCATION AND ENVIRONMENTAL STUDIES (CC-103)

Learning outcomes:

- 1: Understand the basic concepts in health education.
- 2: Know the health problem in India.
- **3:** Understand the Concept of environmental science.
- **4:** Know the natural resources and its issues.

CO04: PHYSICAL LITERACY THROUGH MOVEMENT EDUCATION (EC-101)

Learning outcomes:

- 1. To understand the concept of movement.
- 2. To lead to the healthy development of the whole child.
- 3. To impact functional literacy to non-literates.
- 4. To develop engagement in activities for fundamental development.

CO05: TRACK AND FIELD: ALL RUNNING EVENTS (PC-101)

Learning outcomes:

1:To learn the basic methods of running events

CO06: SWIMMING OR GYMNASTICS (PC-102)

Learning outcomes:

- 1: To learn fundamental stroke of swimming.
- 2: To learn basic skill of gymnastics.

CO07: MARCH PAST -MASS DEMONSTRATION ACTIVITIES: BRATACHARI (PC-103)

Learning outcomes:

1: To learn the basics and perform in a synchronized way.

CO08: YOGA, WEIGHT TRAINING, AEROBICS- (PC-104)

Learning outcomes:

- 1: To become familiarized with basic level asanas, pranayama, Kriyas, bandhas and Surya namaskara.
- 2: To learn fundamental techniques of weight training
- 3: To develop neuromuscular coordination and strong endurance base

SEMESTER: II

CO9: YOGA EDUCATION AND INCLUSIVE EDUCATION (CC-201)

Learning outcomes:

- 1: Understand the basic Concepts of Yoga
- 2: Methods of Yoga and effect of asana and pranayama on human body and mind.
- 3: Dimensions of inclusive education; Advantages of inclusive education for the individual and society;
- **4:** Problems in inclusion and ways for overcoming the problems; Teacher preparation for inclusive education; Skills and competencies of teachers.

CO10: EDUCATIONAL TECHNOLOGY AND METHODS OF TEACHING IN PHYSICAL EDUCATION (CC-202)

Learning outcomes:

- 1: Understand the basics of educational technology.
- 2: Know the various topics teaching techniques.
- 3: Know the various types of teaching aids.
- 4: Know lesson planning methods and teaching innovations.

CO11: ORGANIZATION AND ADMINISTRATION (CC-203)

Learning outcomes:

- 1: Describe and discuss organization, administration and planning.
- 2: Define, prepare and manage time table and their office.
- 3: Coordinate different sports facilities and can organized them for use.
- 4: Prepare schedule, arrange and conduct competition.

CO12: SPORTS NUTRITION AND WEIGHT MANAGEMENT (EC-202)

Learning outcomes:

- 1: Know the basic nutritional guidelines and plans.
- 2: Understand the facts of macro and micro nutrients.
- 3: Know the weight management diet.

CO13: TRACK AND FIELD (JUMPING EVENTS) (PC-201)

Learning outcomes:

1: To learn the basic methods of jumping events

CO14: TEAM GAMES: FOOTBALL, VOLLEYBALL, THROWBALL, NETBALL, SOFTBALL (any Two) (PC-202)

Learning outcomes:

- 1:To learn the basic skills and method of playing Football.
- 2:To learn the basic skills and method of playing Volleyball
- **3:**To learn the basic skills and method of playing Throwball
- 4:To learn the basic skills and method of playing Netball.

CO15: INDIGENOUS SPORTS (Kho-Kho, and Kabaddi) (PC-203):

Learning outcomes:

- 1: To learn the fundamental skills and method of playing Kho Kho
- 2: To learn the fundamental skills and method of playing Kabaddi.
- 3: playing Indigenous game like kho-kho& Kabaddi improves physical development along with brain stimulation.
- 4: Team game develops to learn social skills.

CO16: TEACHING PRACTICES (TP-201)

Learning outcomes:

1:Prepare a lesson plan for effective teaching.

- 2: organize a class.
- **3:** Demonstrate a skill, provide practice, and identify the fault and corrective.
- 4: Evaluation and correction.

SEMESTER-III

CO17: SPORTS TRAINING (CC-301)

CO1: Understand the basics of sports training.

CO2:know the process of development of motor fitness components.

CO3: Know the methods of training process.

CO4: Know the training planning.

CO18: COMPUTER APPLICATIONS IN PHYSICAL EDUCATION AND SPORTS SCIENCE (CC-302)

CO1: Know the basics of computer.

CO2: Understand the MS Word operations.

CO3: Understand the MS Excel operations.

CO4: Understand the MS PowerPoint operations.

CO19: SPORTS PSYCHOLOGY AND SOCIOLOGY IN PHYSICAL EDUCATION AND SPORTS(CC-303)

CO1: The students of BPED can get the knowledge about the basic concept like Personality traits and their characteristic and can easily compare the people with their body types as ell. From that unit the student can get help about the leaning process which can be helpful for the teacher as well as the students during their stages of learning.

CO2: From that unit the students can take help or can learn about how to behave with other in real condition or it may be in social condition.

CO3: The students can get learned about how they can socialize a people with the help of physical education as well or sometimes they can have learned about the national integration through the participation in games and sports.

CO20: SPORTS MEDICINE, PHYSIOTHERAPY AND REHABILITATION (EC-301)

CO1:Concept, aim and objectives of sports medicine; Common regional injuries and their management; Concept of doping and doping agents banded by WADA

CO2:Brief introduction of Physiotherapy, Need and importance of Physiotherapy; Different types of therapeutic modalities; Guiding principles of therapeutic modalities

CO3:Prevention of athletic injuries: steps of prevention, Emergency care in athletics and First aid and basic life support; Protective and supportive equipment; Classification, general principles, indication and contraindication of Massage.

CO4:Concept and goal of rehabilitation, Principle of therapeutic exercises – Classification, uses of Passive movement and active movement; Mobility exercise

CO21: TRACK AND FIELD (THROWING EVENTS) (PC-301)

CO1:To learn the basic methods of throwing events

CO22: COMBATIVE SPORTS: MARTIAL ART/ KARATE/ JUDO/ FENCING/ BOXING/ TAEKWONDO/ WRESTLING/LATHI (ANY TWO OUT OF THESE) (PC-302)

CO1: To learn self-defensive arts like Kalaripayattu, Silambam, Judo and Wrestling

CO23: TEAM GAMES: HANDBALL, CRICKET, HOKEY, BASKETBALL, BASEBALL (ANY TWO OF THESE) (PC-303)

CO1:To learn the basic skills and method of playing Handball.

CO2:To learn the basic skills and method of playing Cricket.

CO3:To learn the basic skills and method of playing Hockey.

CO4:To learn the basic skills and method of playing Basketball.

CO1:To learn the basic skills and method of playing Baseball.

CO24: SPORTS SPECIALIZATION: COACHING LESSONS PLANS (FOR ONE SPORTS - 5 LESSONS)- Internal – One Lesson Will Be Evaluated by External Examiner (TP-301)

CO1:Prepare a coaching lesson plan for effective class.

CO2:Organize a class with specific arena.

CO3: Demonstrate a skill, provide practice, identify the fault and corrective along with specific drills.

CO4: Evaluation and correction.

CO5: Apply these coaching skill during play situation.

SEMESTER-IV

CO25: MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION (CC-401)

CO1: Understand the basics of Test, Measurement & Evaluation.

CO2: Classify and administer the below tests.

CO3: Know the physical fitness and Motor fitness tests.

CO4: Know the different sports skill tests

CO26: KINESIOLOGY AND BIOMECHANICS (CC-402)

CO1:After reading the first unit all the students can get learned about the different aspect of kinesiology and sports biomechanics and they can also develop their knowledge base regarding this and can apply their teaching learning as well.

CO2: The students can learn about the different types of joint and their movement and their application in games and sports situation.

CO3: In generally the students can learn basic concept regarding Newton's laws and their practical application in daily life. On the basis of the particular subject the student can get help for their higher studies.

CO27: RESEARCH AND STATISTICS IN PHYSICAL EDUCATION (CC-403)

CO1:Know the basics of research and its classifications.

CO2:Know the research types.

CO3:Prepare a project report.

CO4:Know the system of data analysis.

CO28: SPORTS MANAGEMENT (EC-402)

CO1: Describe, discuss and explain the concept of sports management

CO2: Analyze the different types of qualities of leader

CO3: Organize and control different Physical Education and sports programme

CO4: Analyze financial management and can prepare budget for Physical Education

CO29: RACKET SPORTS (Badminton, Table Tennis, Tennis and Squash: (PC-401)

CO1: To learn the basic skills and method of playing Racquet sports

CO30: LAYOUT AND OFFICIATING ABILITY(PC-402)

CO1:To learn how to layout different track & field event and different game.

CO2:Understand the basics of officiating of track & field event and different game.

CO3:Know the duties of official.

CO4:Understand the qualities and qualifications of officials.

CO31: TEACHING PRACTICE: (TP-401)

CO1:Prepare a lesson plan for effective teaching.

CO2:Organize a class.

CO3: Demonstrate a skill, provide practice, identify the fault and corrective.

CO4: Evaluation and correction.

CO32: GAMES SPECIALIZATION: COACHING LESSONS PLANS (TP-402)

CO1: Prepare a coaching lesson plan for effective class.

CO2: Organize a class with specific arena.

CO3: Demonstrate a skill, provide practice, and identify the fault and corrective along with specific drills.

CO4: Evaluation and correction.

CO5: Apply these coaching skills during play situation.

MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425 DEPARTMENT OF PHYSICAL EDUCATION DETAILED SYLLABUS OF ALL SEMESTER COURSES

SEMESTER-I THEORY COURSE

CC-101: HISTORY, PRINCIPLES AND FOUNDATION OF PHYSICAL EDUCATION & OLYMPIC MOVEMENT (CORE COURSE)

Credits 04

UNIT-1: Introduction to the Concept of Physical Education

1.1 Meaning, Definition, Misconceptions and Scope of Physical Education. 1.2 Aims and Objective of Physical Education. 1.3 Relationship of Physical Education with General Education, Need for Physical Education in Modern society. 1.4 Physical Education as an Art and Science.

UNIT-2: History of Development of Physical Education

2.1 History of the development of Physical Education during pre-independence period. 2.2 Post-Independence Period - Physical Education in India with reference to development of Physical education in West Bengal. 2.3 Contribution of Akhras, Vyayamshalas & YMCA. 2.4 Contribution of Eminent Physical Educationists: J.B. Bascdow, J.F. Gustmuth, F.L.Jahn, Franz Natchtega!I, Niles Bukh, P.H.Ling. H.C.Buck, James Buchanan, P.M. Joshep, Rabindranath Tagore, Swami Vivekananda, Rishi Aurobindo.

UNIT-3: Foundation & Principles of Physical Education

3.1 Philosophical foundation: Idealism, Realism, Pragmatism and Naturalism in Physical Education. 3.2 Biological Principles: Change of locomotion from Biped to Quadruped position - Advantages and Disadvantages. - Age & Gender Characteristics, Body type, Fitness and wellness movement in the contemporary perspectives. 3.3 Psychological principles: Psychological factors affecting sports performance, Gmwth and Development - meaning, difference and principles. 3.4 Sociological principles: Socialization through Physical Education, social integration and cohesiveness, National & International integration through sports.

UNIT-4: Olympic Movement

4.1 The history of ancient Olympic movement. 4.2 The significant stages in the development of the modern Olympic movement, Philosophy of Olympic movement 4.3 Significance of Olympic Ideals, Olympic Rings, Olympic Flag, Olympic Oath. 4.4 International Olympic Committee - Structure and Functions, National Olympic committees and their role in Olympic movement, Types of Olympic Games.

CC-102: Anatomy and Physiology

UNIT-1: Introduction of the Human Body

1.1 Organization of the human body and Brief introduction of Anatomy Physiology in the field of Physical Education and Sports 1.2 Cell-structure and functions of cells 1.3 Tissue- Types of tissue and their functions 1.4 Skeletal System- Bones of the human body-axial and appendicular skeleton. Classification and functions of bone Anatomical sex difference. Brief description of Joints.

UNIT-2: System I

2.1 Muscular system- Types of muscle and functions-Structure of skeletal muscle, Major muscles of shoulder; hip and knee joint 2.2 Digestive system: The alimentary cannel /G.I. tract, Accessory glands and digestive juices - Brief outline of process of carbohydrate, fat and protein digestion 2.3 Energy metabolism: Brief discussion on energy metabolism, Fuel for muscular work 2.4 Circulatory System: Function of circulatory system. Composition and function of blood, Heart- location and structure, pulmonary circulation, Systemic circulation. Cardiac cycle, Blood pressure, Blood group, Blood coagulation. Blood and immunity.

UNIT-3: System II

3.1 Respiratory system: Organs of respiration, meaning internal and external respiration. mechanism of respiration, 3.2 Excretory system: Structure and function of kidney, urine formation 3.3 Endocrine system: Location, secretion and functions of different endocrine glands 3.4 Nervous system: organization, central nervous system- Brain, spinal cord, autonomic nervous system. Concept of nervemuscle physiology: Neuromuscular junction and transmission.

UNIT-4: Effect of Exercise on Different System

4.1 Exercise-Concept and type 4.2 Types of muscular contraction. Effect of exercise on muscular system 4.3 Effect of exercise on circulatory system- Heart rate, stroke volume, cardiac output, athletic heart 4.4 Effect of exercise on respiratory system- Tidal volume, respiratory rate, pulmonary ventilation, oxygen uptake, oxygen debt or EPOC (Excess Post exercise oxygen consumption.)

CC-103: Health Education and Environmental Studies

Credits 04

UNIT-1: Health Education

1.1 Concept, Dimensions, Spectrum and Determinants of Health. 1.2 Definition of Health, Health Education, Aims, objectives and principles of Health Education 1.3 Personal Hygiene: Care of eye, ear, skin and hair. 1.4 School Health Program: Health service, Health instruction, Health supervision, health appraisal and Health record.

UNIT-2: Health Problems in India- Prevention and Control

2.1 Communicable diseases: Malaria, Dengue, Dysentery, Cough and cold, chicken pox. 2.2 Non-Communicable diseases: Obesity, Diabetes, Hyper Tension, Cancer. 2.3 Nutritional Disorder: Mother-child Health Care, Explosive Population, Food Adulteration, First-Aid and emergency care. 2.4 Postural Deformities

UNIT- 3: Environmental Studies

3.1 Historical Background and concept of Environmental Studies 3.2 Definition, scope, need and importance of Environmental Studies 3.3 Recycling of wastes, plastic recycling and probation of plastic bag/cover 3.4 Role of School in Environmental conservation and sustainable development.

UNIT- 4: Natural Resources and Related Environmental Issues

4.1 \Vater resources, food resources and Land resources. 4.2 Definition, effects and control measures of air pollution, water pollution, soil pollution, Noise pollution and thermal pollution. 4.3 Management of environment and Govt. Policies- role of Pollution Control Board 4.4 Celebration of various days in relation with environment.

EC-101: Physical Literacy through Movement Education (Elective)

Credits 04

UNIT-1: Introduction to Movement Education and Physical Literacy

1.1 Definition, Meaning & Importance of Movement Education. 1.2 Definition, Meaning & Importance of Physical Literacy. 1.3 Concept of developmentally Appropriate Physical Activities. 1.4 Standards based Physical Education Curriculum (NASPE Standards).

UNIT-2: Motor Skill & Movement Pattern

2.1 Classification of Motor Skills: Fundamental (Locomotor, Nonlocomotor, Body Management Skill), Specialized (Manipulative, Rhythmic Movement, Game & Sport Skills). 2.2 Skill Themes Approach and Development of Skill Themes: Traveling, Chasing, fleeing, dodging, jumping, landing, transferring body weight, striking, kicking, throwing and catching. 2.3 Introduction to Movement Concepts, Development of Movement Concepts: Space Awareness, Effort Concepts, Relationships. 2.4 Long Term Athlete Development (LTAD)

UNIT- 3: Participation in Physical Activity and Personal & Social Development

3.1 Personal Development: Self-concept, Cognitive Functioning and Motivational outcomes 3.2 Social Development: Altruism, Controlling Aggression, Cooperation, Group development is 3.3 United Nations and other organizations using Sport and Traditional Sports for Social Development is 3.4 Sport for Development: Sport for Education, Economic, Gender, Health and Peace.

UNIT- 4: Pedagogical Models for Physical Literacy & Movement Education

4.1 Need for child centered teaching models. 4.2 Teaching Games for Understanding (TGFU) model: Invasion Games, Net/Wall Games, Striking/ Fielding Games, Target Games 4.3 Education through Movement (ETM) program 4.4 Coaching life skills through sport

SEMESTER-I PRACTICAL COURSE

PC -101 Track and Field

Credits 04

- 1.1 Running Events: Starting techniques: Standing start, Crouch start and its variations, Proper use of blocks. Finishing Techniques: Run Through; Forward lunging, Shoulder Shrug Marking, Rules and Officiating.
- **1.2** I Hurdles: Fundamental Skills- Starting, Clearance and Landing Techniques. Types of Hurdles, Marking and Officiating.
- **1.3** I Relay: Baton Exchange for different distances, Understanding of Relay Zones, Marking and interpretation of rules and officiating.

PC-102 Swimming or Gymnastics

Credits 04

- 2.1 Gymnastics: Floor Exercise, Forward Roll, Backward Roll, Hand stand, Cart Wheel, Leg Split, Different dancing steps (Combination) Table Vault: Approach Run, Take off from the beat board, Cat Vault, Squat Vault. Men: Parallel bar, Horizontal bar/Roman rings, Rhythmic Gymnastics, Pyramid (Pair, Trio, Quadrates, Penthats) Women: Uneven bars, Balance Beam, Rhythmic Gymnastics, Pyramid (Pair, Trio, Quadrates, Penthats)
- 2.2 Swimming: Floating, Gliding, Leg Action, Arm action, Breathing technique Introduction of various strokes: front crawl, Back crawl, Butterfly, Brest Stroke: Staiiing Technique and entry into water Medley, Life Savings

PC-103 March Past -Mass Demonstration Activities: Bratachari

Credits 04

- 3.1 Mass Demonstration Activities: Bratachari -- (Compulsory) and
- 3.2 Dumbbells/ Wands/ Hoop/ Umbrella/ Tiprii/' Malkhamb/ Leziurn/ Callisthenics. , (Any two):

Pc-104 Yoga, Weight Training, Aerobics

Credits 04

- 4.1 **Surya Namaskar (Compulsary):** 5 marks Sitting Position: Paschimottanasana, Gomukhasana, Ustrasana, Arda-maschandrasan Halasana, Salvasana, Sarvangasana, Chakrasana Vrikshasana, Padahastasana, Trikonasana, Utkatasana. Pranamayama: Anulom-Bhilom, Bhastika, Bhramiri, Suryavedan-Chandravedan. Kapalbhati (Compulsary): 5 marks Kriya: Jalaneti, Sutraneti, Nauli, Dantdhouti. 15 marks.
- **4.2 Weight Training:** Crouch Sitting Position, Different types of grip, Standing with weight, Dead lift Curling: Two arm dumbbell curling, Barbell curling, Front Curling, Reverse Curling Dumbbell and Barbell press, Front and back press, Bench press (Incline & Decline) Squat: Front and back squat
- **4.3 Aerobics: Low impact core moves** 1. March, 2. Side to side, 3. Double side to side, 4.grapevine, 5. Knee up, 6. Leg curl, 7. Toe touch, 8. Side lunge, 9. Back lunge, 10. Kick front, 11. Kick side, 12. Heel to raft, 13. 'E' shape, 14.'v' shape 15. Introduction of Bench Exercise

SEMESTER-II THEORY COURSES

CC-201: YOGA EDUCATION AND INCLUSIVE EDUCATION

Credits 04

UNIT-1: Introduction of Yoga

1.1 Meaning and Definition of Yoga 1.2 Aim and Objectives of Yoga 1.3 History and Philosophical aspects of Yoga 1.4 Need and Importance of Yoga in Physical Education and Sports

UNIT-2: Methods of Yoga

2.1 Karma Yoga, Jnana Yoga, Bhakti Yoga and Raja Yoga 2.2 Steps ofHatha Yoga, Astanga Yoga and Yogic Teaching Method 2.3 Effect of asana and pranayama on human body and mind 2.4 Yoga as therapy

UNIT -3: Introduction to Inclusive Education

3.1 Concept and history of special education, integrated education and inclusive education and their relationship 3.2 Philosophical, Sociological, Economical and Humanitarian dimensions of inclusive education. 3 .3 Advantages of inclusive education for the individual and society 3.4 Factors affecting inclusion

UNIT -4: Inclusion in Operation & Teacher preparation for inclusive school

4.1 Class room management and organizations, curricular adaptations, learning desig:ningand development of suitable Teaching Learning Method 4.2 Pedagogical strategics to respond to individual needs of students: Cooperative learning strategies in the class room, peer tutoring, social learning, buddy system, reflective teaching, multisensory teaching etc. 4.3 Problems in inclusion in the real class room situations; ways for overcoming the problems. 4.4 Teacher preparation for inclusive education.

CC - 202: Educational technology and methods of teaching in physical education

Credits 04

UNIT-1: Introduction

1.1 Education and education technology- meaning and definitions 1.2 Types of education - Fonnal, Informal and non-formal education 1.3 Educative Processes . 1.4 Importance of device and methods of teaching and class management

UNIT - 2: Teaching Technique

2.1 Teaching Techniques - Lecture Method, Command Method, Demonstration Method, Imitation Method, Project Method etc.; Teaching procedure - Whole method, Whole - part- whole met~od, Part-whole method 2.2 Presentation technique - personal and technical preparation and presentation 2.3 Verbal Non-verbal communication technique 2.4 Details of three fundamental methods - meaning, types and its uses in different situation

UNIT - 3: Teaching Aids and Competition

3.1 Teaching Aids - meaning importance and its criteria for selecting teaching aids. Community Aids, Co-curricular Aids 3.2 Type of Teaching Aids - Audio aids, Visual Aids, Audio-visual Aids 3.3 Meaning, Principles and advantages of team teaching 3.4 Group Competition, Intramural and extramural Competition

UNIT- 4: Learning Designing and Teaching Innovations

4.1 Meaning, Types and Principle of Leaming designing 4.2 General and Specific Leaming designing. Simulation Teaching - meaning, types and steps of Simulation Teaching 4.3 Meaning, Types and Steps of Micro and Macro Teaching. 4.4 Classification of students

CC - 203: Organization and Administration

Credits 04

UNIT - 1: Introduction to Organization and Administration

1.1 Meaning Definition, and Importance of organization and Administration in Physical Education 1.2 Meaning, Definition and Importance of Planning 1.3 Basic principles of Planning 1.4 Functions of organization and Administration

UNIT-2: Office aild Time-Table Management

2.1 Meaning Definition, and Functions of Office Management 2.2 Kinds of office Management . 2.3 Maintenance of different types of Register 2.4 Time-Table Management: Meaning, need and Importance

UNIT - 3: Management of Sports Facility

3.1 Types of facilities: Infrastructure -Indoor, Outdoor 3.2 Facility Management: Equipment Store Room, Gymnasium, Swimming pool, Play ground 3.3 Equipment: Need, Importance, Princedure of purchase, Care and Maintenance 3.4 Physical efficiency Record, Medical examination Record

UNIT - 4: Tournament

4.1 Importance of Tournament 4.2 Types of Tournament and its organizational structure 4.3 Organizational structure of athletic meet 4.4 Sports Event, Intramural and Extramural Tournament Planning

EC- 202: Sports Nutrition and Weight Management (Elective)

Credits 04

UNIT-1: Introduction to Nutrition

1.1 Meaning and definition of Nutrition and sports nutrition 1.2 Guidelines of basic nutrition 1.3 Role of nutrition in sports 1.4 Factors for developing a nutritional plan

UNIT- 2: Nutrients

2.1 Macro Nutrients- Carbohydrate, protein, fat - Meaning, Sources and functions 2.2 Micro Nutrients-Vitamins, minerals, water - meaning, Sources, classification and functions 2.3 Role of carbohydrate, fat and protein during exercise 2.4 Role of hydration during exercise and water balance.

UNIT-3: Nutrition and Weight Management

3.1 Meaning and concept of weight management in modern era. Factors affecting weight management and values of weight management 3.2 Concept of B.M.I.(Body Mass Index) and Obesity 3.3 Obesity and its hazards, Myth of Spot reduction, dieting versus exercise for weight control, Common Myths about weight loss 3.4 Health risks associated with Obesity- Causes and solution for overcoming obesity.

UNIT-4: Steps of Planning of Weight Management

4.1 Nutrition - Daily calorie intake and expenditure. 4.2 Balance diet and athletic diet 4.3 Role of diet and exercise in weight management 4.4 Weight management programme for sporty child, Design diet and exercise schedule for weight gain and loss.

Semester - II Practical Courses

PC-201 Track and Field:

Credits 04

Jumping: High Jump- Approach run, Take off, Bar clearance, Landing Or Pole vault: Approach, Planting, Riding, Bar I clearance, Landing Jumping: Running Broad Jump and Triple Jump Approach Run, Take-off, Flight and Landing.

PC- 202 Team Games:

Credits 04

Football, Volleyball, Throw ball, Netball, Softball.(any two)

PC-203 Indigenous Sports:

Credits 04

Kho-kho and Kabaddi.

TP-201 Teaching Practices:

Credits 04

(20 Lessons Plan in school teaching for Internal Examination) (01 General Lessons Plan & 0 1 Specific Lessons Plan in school teaching for External Examination).

Semester - III Theory Courses

CC - 301: Sports Training

Credits 04

UNIT- 1: Introduction to Sports Training

1.1 Meaning and Definition of Sports Training and Sports Coaching 1.2 Aim and Objectives of Sports Training 1.3 Principles of Sports Training and qualification and duties of sports trainer 1.4 Components of games and sports training (Motor fitness components Technique, Tactics and Strategical approach, Psychological components facilities and infre;structure)

UNIT -2.: Process of development of motor fitness component

2.1 Strength- Means and method of Strength development 2.2 Speed - Means and method of Speed development 2.3 Endmance- Means and method of Endurance development 2.4 Po,,er and Balance - Means and method of Power and Balance development

UN1T-3: Training load, load dynamics and Training processes

3 .1 Concept definition and types of training load 3.2 Compnnents of training load 3.3 Conce;; of load dynamics and its principles 3.4 Tc +:·leal and Tactical training- Meaning, Importance and methods.

UNIT -- 4: Programme, planning and system of sports training

4.1 Per iodization- Meaning, definition and types. Aims, Objectives and Content of different periods-Preparatory, Competition and Transition. 4.2 Planning- Training session for Micro, Meso and Macro cycles. 4.3 Systems of Sports Training- Basic Performance, Good Performance and High Performance. 4.4 Talent identification. Meaning of.Flexibility and coordinative ability and their role in High Performance.

CC-302: Computer Applications in .Physical Education and Sports Science

Credits 04

UNIT-1: Introduction to Computer Application

1.1 Components of computer-input and output unit, storage unit, CPU, ALU, control unit. 1.2 Starting & quitting windows, setting display, time & date, managing files and folders. 1.3 Meaning, need and importance of information and communication technology (ICT). 1.4 Application of computer and computer software in Physical Education and Sports

UNIT - 2: Word

2.1 Introduction 'to word 2.2 Creating, saving and opening a document 2.3 Formatting & editing features, drawing table and graphs, page setup, paragraph alignment, spelling and grammar check, bullets and numbering, page number, header and footer, footnote and endnotes, mail merge, printing option and hyperlink. 2.4 Preparation of word document

UNIT - 3: Excel

3 .1 Introduction to Excel 3 .2 Creating, saving and opening spreadsheet 3.3 Format and editing feahires, adjusting columns width and row height, Creating formulas, short and filter, inserting graph and pictures, printing option 3.4 Preparation of Excel worksheet

UNIT - 4: Power Point

4.1 Introduction to Power Point 4.2 Creating, saving and opening a ppt file 4.3 Format and editing features, slide show, design, inserting slide number, picture, graph, table, hyperlink and graphics. 4.4 Preparation of Power Point Presentation

CC - 303: Sports Psychology and Sociology in Physical Education and Sports

Credits 04

UNIT - I: Introduction to Psychology and Sociology

1.1 Meaning, Importance and scope of Sports Psychology and Sociology. 1.2 Biological Basis of Human Behaviour 1.3 Individual Differences - Heredity and Environment 1.4 Psycho-social aspects of Human behavior in relation to Physical Education and Sports

UNIT - 2: Learning, Maturity and Growth & Development

2.1 Learning-Definition, Types and La\vs of Learning. Theories of Learning. Factors affecting Learning, Transfer of Learning Curve - Stagnation in learning. 2.2 Growth and Development- Stages of Development, need of Physical Activity 2.3 Personality- Meaning and definition of personality, characteristics of personality, Dimensionofpersonality, PersonalityandSportsperformance. 2.4 Mental Aspects -Attention, Interest, Motivation, Aggression, Emotion, Anxiety.

UNIT - 3: Social Science and Physical Education

3.1 01ihodoxy, customs, Tradition and PhysicalEducation. 3.2 Impolatance of Festivals in physical Education. 3.3 Theories of Play, SocializationthroughPhysicalEducation. 3.4 Social GrouplifeSocialconglomeration-Socialgroup,Primary groupandRemote group.

UNIT - 4: Culture and Physical Education

4.1 Features of culture, Importance of culture 4.2 Importance of sports in modern society 4.3 Effectsofcultureonpeoplelifestyle. 4.4 Different methods of studying (Observation/Inspection method Questionnaire method, Interviewmethod

EC-301: Sports Medicine, Physiotherapy and Rehabilitation (Elective)

Credits 04

UNIT-1: Sports Medicine

1.1 Meaning and concept of sports medicine, Aim and objectives of sports medicine. 1.2 Development of sports medicine as discipline -aspect of sports medicine 1.3 Common regional injuries and their management- shoulder, elbow, wrist knee and ankle - signs , symptoms and diagnosis of injuries 1.4 Concept of doping and doping agents banded by WADA

UNIT-2: Physiotherapy

2.1 Brief introduction of Physiotherapy 2.2 Need and importance of Physiotherapy 2.3 Different types of therapeutic modalities (cryotherapy, superficial thermo therapy, penetrating thermotherapy, Electrical stimulation) 2.4 Guiding principles of therapeutic modalities

UNIT-3: Athletic Care and Massage

- 3.1 Prevention of athletic injuries steps of prevention -pre-participation evaluation -Wann up and conditioning.
- 3.2 Emergency care in athletics and First aid Meaning and principles First aid care for I) Loss of consciousness

II) control of building Ill)Drowning and basic life support. 3.3 Protective and supportive equipment: Taping, Bandaging, padding and orthotics. 3.4 Massage: Classification - general principles, indication and contraindication.

UNIT -4: Rehabilitations

4 .1 Concept and goal of rehabilitation 4.2 Principle of therapeutic exercises-Classification ,uses of 4.3 Passive movement and active movement 4.4 Mobility exercise

SEMESTER-III PRACTICAL COURSES

PC-301: Track and Field:

All throwing events

PC-302: Combative Sports:

Credits 04

Credits 04

Martial Art, Karate, Judo, Fencing, Boxing, Taekwondo, Wrestling, Lathi. 1----+. (Any two) (50x2 marks)

PC-303 I Team Games:

Credits 04

Handball, Cricket, Hockey, Basketball, Baseball. (any two)

TP-301 Teaching Practices Sports Specialization:

Credits 04

Minimum 20 Internal Coaching Lessons Plan in schools. / 02 External Coaching Lessons Plans in separate games in schools.

SEMESTER-IV THEORY COURSES

CC- 401: Measurement and Evaluation in Physical Education

Credits 04

- **UNIT-1: Introduction to Test, Measurement & Evaluation** 1.1 Meaning of Test, Measurement & Evaluation in Physical education 1.2 Need, Importance of Test, Measurement & Evaluation in Physical Education 1.3 Application _of Test, Measurement & Evaluation in Physical Education 1.4 Principles of Evaluation
- **UNIT 2: Criteria, Classification and Administration of Test** 2.1 Criteria of a good Test and Scientific authenticity (reliability, objectivity, validity and availability of norms) 2.2 Types of Test 2.3 Difference between Physical Fitness Test, Motor Fitness test, and Sports Skill Test 2.4 Administration of test- Advance preparation, Duties during test and after test.
- **UNIT-3: Physical Fitness; Motor Fitness and Cardio-respiratory Tests** 3.1 AAHPER Youth Fitness Test 3.2 AAHPERD Health Related Physical Fitness Test 3.3 Indiana Motor Fitness Test and JCR test 3.4 Harvard Step test and Tattle pulse ratio test
- **UNIT-4: Sports Skill Tests** 4.1 Mitchei"s modification of McDonald Soccer Test 4.2 Johnson Basketball Test 4.3 Lockhart and McPherson Badminton Test 4.4 Russel-Lange Volleyball Test 4.5 Schmithal-French Field Hockey Test

CC-402: Kinesiology and Biomechanics

Credits 04

UNIT - 1: Introduction to Kinesiology and Sports Biomechanics 1.1 Meaning and Definition of Kinesiology, Biomechanics and Sports Biomechanics 1.2 Importance and Scope of Kinesiology and Sports Biomechanics in

Physical Education and Sports Science 1.3 Terminology of Fundamental Movements 1.4 Fundamental Concepts of Following Terms - Axes and Planes, Centre of Gravity, Line of Gravity, Scalars and Vectors Quantities, Equilibrium.

- **UNIT-2:Kinesiological Aspects of Human Movement** 2.1 Classification of Joints and Muscles, Name of the Major Superficial Muscles, movements around the joints 2.2 Types of Muscle Contractions 2.3 Posture Meaning, Types and Importance of Good Posture. 2.4 Fundamental Concepts of Following Terms- Angle of Pull, All or None Law, Reciprocal Innervations
- **UNIT 3: Mechanical Concepts** 3 .1 Force Meaning, Definition, Types, Units and its Application to Sports Activities 3.2 Lever Meaning, Definition, Types and Body Lever. Wheel, Axel and Pulley. 3.3 Motion Concept, Types and its Application to Sports Activities. Nevvion"s Laws of Motion 3.4 Projectile Motion Concept, Types, Principles and Factors Influencing Projectile Motion.
- **UNIT 4: Kinematics and Kinetics of Human Movement** 4.1 Linear Kinematics Distance and Displacement, Speed and Velocity, Acceleration 4.2 Angular kinematics Angular Distance and Displacement, Angular Speed and velocity, Angular Acceleration. 4.3 Linear Kinetics Inertia, Mass, Momentum, Impulse, Friction. 4.4 Angular Kinetics Moment oflnertia, Couple, Stability.
- CC- 403: Researches and Statistics in Physical Education

Credits 04

- **UNIT- 1: Introduction to Research** 1.1 Definition of Research, Need and importance of Research in Physical Education and Sports. 1.2 Scope of Research in Physical Education & Sports. 1.3 Classification of Research 1.4 Research Problem, Quality of a good researcher
- **UNIT -2: Research Proposal and Project Report** 2.1 Need for surveying related literature and Literature Sources 2.2 Research Proposal- Meaning and Significance of Research Proposal. 2.3 Preparation of a Project proposal and Project report. 2.4 Methods of Collection of data
- **UNIT-3: Basics of Statistical Analysis** 3.1 Statistics: Meaning, Definition, Nature and Importance 3.2 Class Intervals: Raw Score, Continuous and Discrete Series 3.3 Frequency and Frequency Distribution, Construction of Frequency Distribution Tables 3.4 Graphical Presentation of Data: Histogram, Frequency Polygon, Frequency Curve.
- **UNIT-4: Statistical Models in Physical Education and Sports** 4.1 Measures of Central Tendency: Mean, Median and Mode: 4.2 Definition, Importance, Advantages, Disadvantages and Calculation from Group and Ungrouped data 4.3 Measures of Variability: Meaning, importance, computing from group and ungroup data 4.4 Percentiles and Quartiles: Meaning, importance, computing from group and ungroup data

EC-402: Sports Management (Elective)

Credits 04

- **UNIT- 1: Introduction to Sports Management** 1.1 Nature, Scope and Purpose of Sports Management 1.2 Steps and Principles of Sports Management 1.3 Qualities and Competencies require for the Sports Manager 1.4 Event Management in Physical Education and Sports
- **UNIT 2: Development of Leadership Qualities** 2.1 Meaning and Definition of Leadership 2.2 Forms of Leadership- Autocratic, Laissez-faire, Democratic, Benevolent Dictator 2.3 Qualities of administrative Leader 2.4 Preparation of administrative Leader
- **UNIT-3: Sports Management in Different Agencies** 3.1 Sports Management in schools, Colleges and Universities 3.2 Factors affecting planning 3.3 Planning a school or college sports programme 3.4 Controlling a school, college and University sports programme- Developing Performance standard, establishing a reporting system, Evaluation

UNIT - 4: Financial Management in Physical Education 4.1 Financial Management in Physical Education and Sports in different Institutions 4.2 Budget-Meaning, Importance, Criteria of preparing a good Budget 4.3 Steps of Budget making 4.4 Principles of Budgeting

SEMESTER-IV PRACTICAL COURSES

PC-401 Racket Sports:

Credits 04

Table Tennis, Badminton, Tennis, Squash. (Any one): (lx40 marks).

Measurement of AAHPERD Youth Fitness Test - 30 marks &

Measurement of Motor Fitness Test: 30 marks.

PC-402 Layout and Officiating ability:

Credits 04

Layout and Officiating ability of Track and Field events. - 40 marks.

Layout and Officiating ability of all Court Marking. - 60 marks.

TP-401 Teaching Practice:

Credits 04

Internal Teaching Lessons at school for Racket Sports, Team Games, Indigenous Sports - 20 Lessons. External Teaching Examination at school - 02 Lessons. (Racket Sports/ Team Garnes/ Indigenous Sports).

TP-402 Games Specialization: Credits 04

Internal Coaching Lessons Plans at school - 20 Lessons.

External Coaching Lessons Plans at school - 02 Lessons in separate game.

Maping of Cos with POs & PSO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	3	2	2	2	3	3	3	2	1	2	3	2
CO2	3	3	3	1	2	1	3	2	3	2	3	2	2
CO3	3	3	2	2	2	1	2	3	3	2	3	2	2
CO4	3	3	3	2	3	2	2	2	3	2	3	2	2
CO5	3	3	2	1	3	2	3	2	3	2	1	1	2
CO6	3	3	2	3	3	3	3	2	3	3	2	2	2
CO7	3	3	2	2	2	3	3	3	1	3	2	3	3
CO8	3	3	3	2	2	3	1	3	3	1	3	2	3
CO9	3	3	2	1	3	3	1	3	1	1	2	3	3
CO10	3	3	3	2	3	2	2	2	3	3	2	2	3

CO11	3	3	3	2	1	1	3	2	3	3	2	2	2
CO12	3	3	2	3	3	2	2	2	2	1	2	3	2
CO13	3	3	2	2	1	3	2	3	2	2	3	2	2
CO14	3	3	3	2	1	2	1	2	3	2	3	2	2
CO15	3	2	3	2	1	1	1	3	1	1	3	2	1
CO16	3	3	2	2	2	2	3	3	3	2	3	2	2
CO17	3	3	2	1	3	3	2	2	3	2	2	3	3
CO18	3	3	1	1	2	3	3	3	2	2	2	3	2
CO19	3	2	3	2	2	3	2	3	1	1	3	2	2
CO20	3	3	2	1	2	1	1	2	3	2	3	2	2
CO21	3	3	2	1	3	3	2	1	3	2	1	2	3
CO22	3	3	2	3	2	2	3	2	3	2	2	2	3
CO23	3	3	2	2	3	2	3	2	1	1	1	3	3
CO24	2	3	3	3	2	2	2	2	3	2	3	2	3
CO25	3	3	2	3	3	1	2	2	1	1	1	3	3
CO26	3	3	2	3	3	2	2	2	3	2	3	1	3
CO27	3	3	3	3	2	1	3	2	3	2	2	2	2
CO28	2	2	2	2	3	1	1	2	1	1	3	3	3
CO29	3	3	2	1	2	3	1	3	2	2	2	3	3
CO30	3	3	3	1	2	5	2	2	3	2	3	2	2
CO31	3	3	3	2	3	3	1	2	3	2	3	1	2
CO32	3	3	2	2	3	3	2	3	2	1	2	3	2
Target	3	3	2.8	2.5	2.6	2	3	2.5	3	1. 3	2.7	3	3

Based on the score put on every column and row, we have evaluated the marks of each CO, PO, and PSO

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	Average of CO
CO1	3	3	2	2	2	3	3	3	2	1	2	3	2	2.38
CO2	3	3	3	1	2	1	3	2	3	2	3	2	2	2.31
CO3	3	3	2	2	2	1	2	3	3	2	3	2	2	2.31
CO4	3	3	3	2	3	2	2	2	3	2	3	2	2	2.46

CO5	3	3	2	1	3	2	3	2	3	2	1	1	2	2.15
CO6	3	3	2	3	3	3	3	2	3	3	2	2	2	2.62
CO7	3	3	2	2	2	3	3	3	1	3	2	3	3	2.54
CO8	3	3	3	2	2	3	1	3	3	1	3	2	3	2.46
CO9	3	3	2	1	3	3	1	3	1	1	2	3	3	2.23
CO10	3	3	3	2	3	2	2	2	3	3	2	2	3	2.54
CO11	3	3	3	2	1	1	3	2	3	3	2	2	2	2.31
CO12	3	3	2	3	3	2	2	2	2	1	2	3	2	2.31
CO13	3	3	2	2	1	3	2	3	2	2	3	2	2	2.31
CO14	3	3	3	2	1	2	1	2	3	2	3	2	2	2.23
CO15	3	2	3	2	1	1	1	3	1	1	3	2	1	1.85
CO16	3	3	2	2	2	2	3	3	3	2	3	2	2	2.46
CO17	3	3	2	1	3	3	2	2	3	2	2	3	3	2.46
CO18	3	3	1	1	2	3	3	3	2	2	2	3	2	2.31
CO19	3	2	3	2	2	3	2	3	1	1	3	2	2	2.23
CO20	3	3	2	1	2	1	1	2	3	2	3	2	2	2.08
CO21	3	3	2	1	3	3	2	1	3	2	1	2	3	2.23
CO22	3	3	2	3	2	2	3	2	3	2	2	2	3	2.46
CO23	3	3	2	2	3	2	3	2	1	1	1	3	3	2.23
CO24	2	3	3	3	2	2	2	2	3	2	3	2	3	2.46
CO25	3	3	2	3	3	1	2	2	1	1	1	3	3	2.15
CO26	3	3	2	3	3	2	2	2	3	2	3	1	3	2.46
CO27	3	3	3	3	2	1	3	2	3	2	2	2	2	2.38
CO28	2	2	2	2	3	1	1	2	1	1	3	3	3	2.00
CO29	3	3	2	1	2	3	1	3	2	2	2	3	3	2.31
CO30	3	3	3	1	2	5	2	2	3	2	3	2	2	2.54
CO31	3	3	3	2	3	3	1	2	3	2	3	1	2	2.38
CO32	3	3	2	2	3	3	2	3	2	1	2	3	2	2.38
Average of PO & PSO	2.94	2.91	2.34	1.94	2.31	2.25	2.09	2.34	2.38	1.81	2.34	2.25	2.38	

MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425 DEPARTMENT OF PHYSICAL EDUCATION

The following list of students from 2021-2022 Batch has taken admission into HEIs for higher studies:

SL. No	Name of student enrolling into higher	Program graduated from	Name of institution joined	Name of program admitted to
	education			
1.	Susmita Sengupta	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
2.	Indranil Paura	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
3.	Subhankari Das	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
4.	Sudipta Pradhan	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
5.	Sanjay Sarkar	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
6.	Amit Giri	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
7.	Rakhi Roy	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
8.	Puja Sarkar	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
9.	Paramita Mondal	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
10.	Shilpi Biswas	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
11.	Tanmay Ghosh	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
12.	Dibyendu Dutta	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
13.	Saikat Samanta	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
14.	Subendu Sarkar	MGM/B.P.Ed	Mugberia Gangadhar Mahavidyalaya	M.P.Ed
15.	Sanjit Roy	MGM/B.P.Ed	Jadavpur University	M.P.Ed
16.	Provati Sarkar	MGM/B.P.Ed	Kalyani University	M.P.Ed
17.	Ozoswi Banerjee	MGM/B.P.Ed	Kalyani University	M.P.Ed
18.	Tajmerina Khatun	MGM/B.P.Ed	Kalyani University	M.P.Ed
19.	Sudipa Gayen	MGM/B.P.Ed	Vidyagar University	M.P.Ed
20.	Puja Sen	MGM/B.P.Ed	Calcutta University	M.P.Ed
21.	Pakhi Roy	MGM/B.P.Ed	Calcutta University	M.P.Ed
22.	Sharmila Murmu	MGM/B.P.Ed	Calcutta University	M.P.Ed

DEPARTMENT OF PHYSICAL EDUCATION, MUGBERIA GANGADHAR MAHAVIDYALAYA, BHUPATINAGAR, PURBA MEDINIPUR-721425

DEPARTMENT OF Physical Education

Attainment of Course & Programme Outcomes For the academic year 2021-22.

In the Outcome Based Education (OBE), assessment is done through one or more than one processes, carried out by the department, that identify, collect, and prepare data to evaluate the achievement of course outcomes (CO's).

The process for finding the attainment of Course outcomes uses various tools/methods. These methods are classified into two types: Direct methods and indirect methods.

Direct methods display the student's knowledge and skills from their performance in the class/assignment test, internal assessment tests, assignments, semester examinations, seminars, laboratory assignments/practicals, mini projects etc. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning.

Indirect methods such as course exit survey and examiner feedback to reflect on student's learning. They are used to assess opinions or thoughts about the graduate's knowledge or skills.

Following tables show the various methods used in assessment process that periodically documents and demonstrates the degree to which the Course Outcomes are attained. They include information on:

- a) Listing and description of the assessment processes used to gather the data, and
- b) The frequency with which these assessment processes are carried out.

	Table 1 : Dir	ect Assessment to	ol used for CO attainment
Sr. No.	Direct	Assessment	Description
	Assessment	frequency	
	Method		
1.	Internal Assessment Test	Twice in a Semester	The Internal Assessment marks in a theory paper shall be based on two tests generally conducted at the end of 6th and 11th weeks of each semester. It is a metric used to continuously assess the attainment of course outcomes w.r.t course objectives. Average marks of two tests shall be the Internal Assessment Marks for the relevant course.

2	Aggignama anta /	On as in a	I als Assistant out /Ever suite out is a				
2.	Assignments / experiments	Once in a week	Lab Assignment/Experiment is a qualitative performance assessment tool designed to assess students' practical knowledge and problem solving skills. Minimum ten experiments need to be Conducted for every lab course.				
3.	End Semester Examination	Once in a Semester	End Semester examination (theory or practical) are the metric to assess whether				
4.	Practical Semester Examination		all the course outcomes are attained or not framed by the course incharge. End Semester Examination is more focused on attainment of all course outcomes and uses a descriptive questions.				
5.	Home Assignments	Twice in a Semester	Assignment is a metric used to assess student's analytical and problem solving abilities. Every student is assigned with course related tasks & assessment will be done based on their performance. Grades are assigned depending on their innovation in solving/deriving the problems.				
6.	Class / Assignment Test	Twice in a Semester	It is a metric used to continuously assess the student's understanding capabilities.				
7.	Preliminary Examination	Once in a semester	Preliminary examination is the metric to assess whether all the course outcomes are attained or not by asking descriptive questions.				
8.	Presentations	As per the requirement	Presentation is the metric used to assess student's communication and presentation skills along with depth of the subject knowledge. Seminars topics are given to the students that cover topics of current interest or provide in- depth coverage of selected topics from the core courses.				
9.	Class Attendance	As Per Vidyasagar University Guideline.	Total 5 Marks allotted for every Course The marks obtained of every course from Class Attendance by the students is following manner. 1. 05 Marks if he/ she attained greater than or equal to 95%. 2. 04 Marks if he/ she attained greater than or equal to 90%. 3. 03 Marks if he/ she attained greater than or equal to 85%. 4. 02 Marks if he/ she attained greater than or equal to 80%. 5. 01 Marks if he/ she attained greater than or equal to 75%.				

	Table 2: Indirect Assessment tool used for CO attainment							
Sr. No.	Indirect Assessment Method	Assessme nt frequency	Method Description					
1	Course Exit Survey /Students Feedback Survey	End of Semeste r	Collect variety of information about course outcomes from the students after learning entire course.					

The attainment of course Outcomes (Cos) and Programme Outcomes (Pos)is evaluated based on the aforementioned tools, and therefore, the evaluation of marks in a particular course is relevant here. Details can be found below:

Marks Distribution

Examination pattern for Theory & Practical Papers							
Theory Examination	Practical Examination						
For each theory paper for every Semester University written examination Marks: 70	For each theory paper for every Semester University practical examination Marks: 70						
Internal Assessment: 30 Marks	Internal Assessment: 30 Marks						

DIRECT METHOD

Academic Session: 2021-2022

Semester IV

Programme Name: B.P.Ed

ATTAINMENT LEVELS FOR

Result of B.P.Ed SEM 4 of the academic year 2021-22						
Name	Class Roll	CGPA				
AMIT GIRI	1	2.94 SQ				
BABITA SARKAR	2	2.63 SQ				
BANASHREE MAJI	3	2.72 SQ				
BISWAJIT SARKAR	4	2.50 SQ				
CHAYANIKA HALDER	5	2.16 SQ				
DEBASHISH ROY	7	2.69 SQ				
DEBENDRA BARMAN	8	2.69 SQ				
DIBYENDU DUTTA	9	2.63 SQ				
DIPA NASKAR	10	2.35 SQ				
DIPAK BISWAS	11	2.82 SQ				
HARJIT SARKAR	12	2.72 SQ				
INDRANIL PARUA	13	3.25 SQ				
JAMUNA SARKAR	14	2.50 SQ				
KIRAN CHANDRA SARKAR	15	2.38 SQ				
KRISHNAPADA MANDAL	16	2.54 SQ				
MILAN KUMAR JANA	18	2.53 SQ				
MINAKSHI MONDAL	19	2.57 SQ				
NABAMITA GHORAI	20	2.81 SQ				
OZOSWI BANERJEE	21	3.75 SQ				
PAKHI ROY	22	3.22 SQ				
PARAMITA MONDAL	23	2.79 SQ				
PARSI MURMU	24	2.19 SQ				
PARTHA PRATIM SARKAR	25	2.69 SQ				

PROVATI SARKAR	26	3.00 SQ
PROSENJIT DEBSHARMA	28	2.57 SQ
PROSENJIT SARKAR	29	2.07 SQ
PUJA PATTANAYEK	30	2.41 SQ
PUJA SEN	31	3.07 SQ
RAKESH SARKAR	32	2.53 SQ
RAKHI ROY	33	2.97 SQ
RAMESH MONDAL	34	2.69 SQ
RANJAN SARKAR	35	2.53 SQ
SAIKAT SAMANTA	36	3.19 SQ
SAITI MITRA	37	2.78 SQ
SAMIM AKTAR	38	2.75 SQ
SANJAY SARKAR {1}	40	2.44 SQ
SANJAY SARKAR {2}	41	2.66 SQ
SANJIT ROY	42	2.85 SQ
SATYAJIT BIJULI	43	2.75 SQ
SUBHANKARI DAS	44	2.79 SQ
SHARMILA MURMU	45	2.75 SQ
SHILPI BISWAS	46	2.60 SQ
SONATAN BHOWMIK	47	2.22 SQ
SONU KUMAR SHARMA	48	XS
SUBENDU SARKAR	49	2.54 SQ
SUBHADIP PATRA	50	2.35 SQ
SUDIPTA PRADHAN	51	3.00 SQ
SUJOY HEMBRAM	52	2.72 SQ
SUSAMA MURMU	53	2.22 SQ
SUSMITA SENGUPTA	55	3.29 SQ
TAJMERINA KHATUN	56	2.25 SQ
TANMOY GHOSH	57	2.78 SQ
SUMIT KONAR	59	2.35 SQ

AJAHAR ALI SARKAR	61	2.76 SQ
DIPANWITA BERA	62	3.07 SQ
SUDIPA GAYEN	65	2.88 SQ
SANDIP PRAMANIK	66	2.44 SQ
SOMA BERA	67	2.63 SQ
AJIT HANSDA	68	2.63 SQ
PUJA SARKAR	69	2.66 SQ
SAJANI BARMAN	70	2.50 SQ

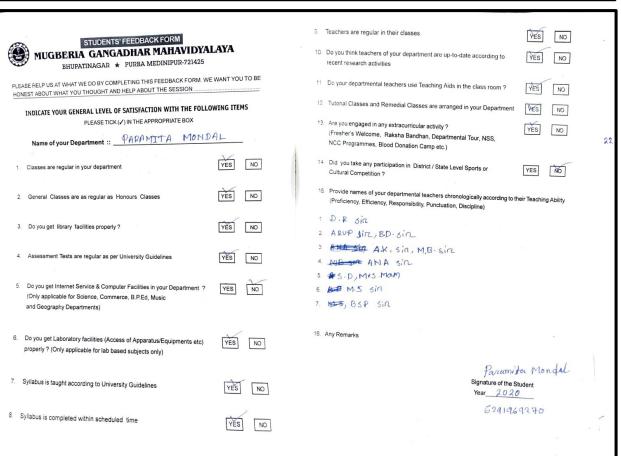
MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425

DEPARTMENT OF PHYSICAL EDUCATION

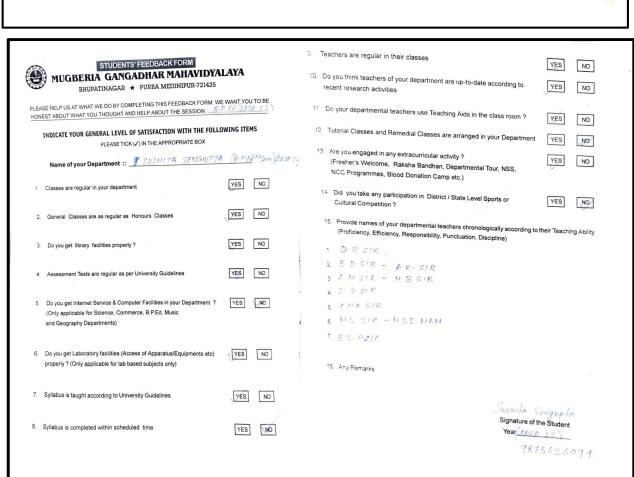
PO & PSO ATTAINMENT INDIRECT METHOD Academic Session: 2021-2022 Semester IV Programme Name: B.P.Ed

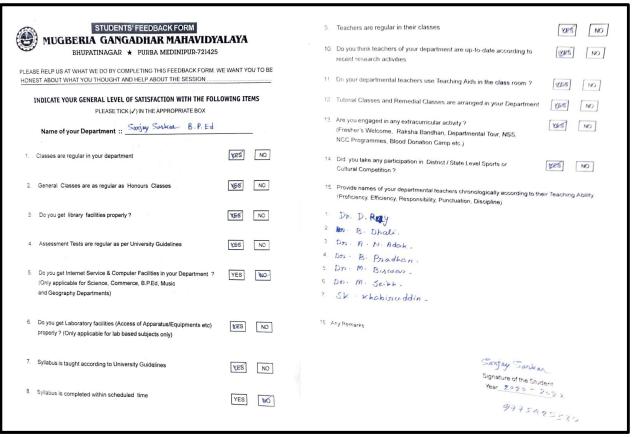
EXIT FORM SURVEY IS CONDUCTED THROUGH QUESTIONNAIRE METHODS.
OUT OF 10 QUESTIONS, FIRST 7 OF THEM RELATE DIRECTLY TO THE POS &
THE LAST 3 QUESTIONS RELATE TO THE PSOs. A SAMPLE FORM IS GIVEN
BELOW:

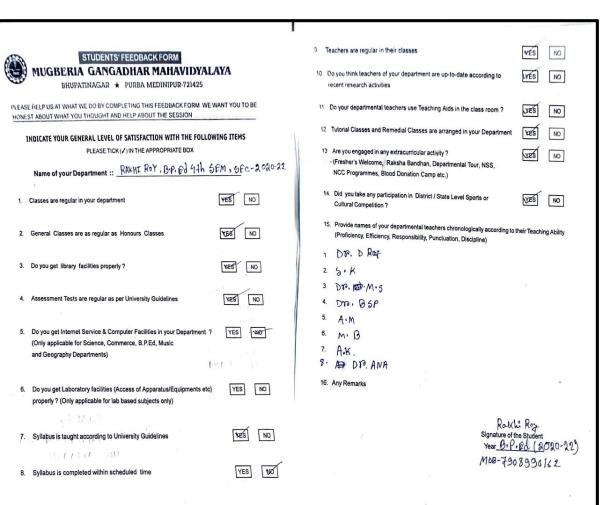
NO 9. Teachers are regular in their classes YES. STUDENTS' FEEDBACK FORM MUGBERIA GANGADHAR MAHAVIDYALAYA 10. Do you think teachers of your department are up-to-date according to VES NO BHUPATINAGAR ★ PURBA MEDINIPUR-721425 PLEASE HELP US AT WHAT WE DO BY COMPLETING THIS FEEDBACK FORM. WE WANT YOU TO BE 1) Do your departmental teachers use Teaching Aids in the class room? YE8 NO HONEST ABOUT WHAT YOU THOUGHT AND HELP ABOUT THE SESSION . 12. Tutorial Classes and Remedial Classes are arranged in your Department VES NO INDICATE YOUR GENERAL LEVEL OF SATISFACTION WITH THE FOLLOWING ITEMS 13. Are you engaged in any extracurricular activity? PLEASE TICK () IN THE APPROPRIATE BOX YES NO Name of your Department :: PUJA SARKAR B.P.E.D Fresher's Welcome, Raksha Bandhan, Departmental Tour, NSS, NCC Programmes, Blood Donation Camp etc.) 14. Did you take any participation in District / State Level Sports or VES NO YES NO 1. Classes are regular in your department Cultural Competition ? 15. Provide names of your departmental teachers chronologically according to their Teaching Ability YES NO 2. General Classes are as regular as Honours Classes (Proficiency, Efficiency, Responsibility, Punctuation, Discipline) 1 + SK Six YES NO 3. Do you get library facilities properly? 2. ANA SIT 3 M B SIR 4. Assessment Tests are regular as per University Guidelines YES NO 4. DR SIR 5. A.M SID YES NO 5. Do you get Internet Service & Computer Facilities in your Department ? 6. M.S Mam (Only applicable for Science, Commerce, B.P.Ed, Music 7. A M. S SUZ and Geography Departments) 16. Any Remarks 6. Do you get Laboratory facilities (Access of Apparatus/Equipments etc) KES NO properly ? (Only applicable for lab based subjects only) Puja Sarker ure of the Student YES NO 7. Syllabus is taught according to University Guidelines Year 20 20 - 2 8509925863 YES NO 8. Syllabus is completed within scheduled time



STUDENTS' FEEDBACK FORM MUGBERIA GANGADHAR MAHAVIDYALAYA BHUPATINAGAR * PURBA MEDINIPUR-721425	Teachers are regular in their classes Do you think teachers of your department are up-to-date according to recent research activities NO NO
PLEASE HELP US AT WHAT WE DO BY COMPLETING THIS FEEDBACK FORM. WE WANT YOU TO BE HONEST ABOUT WHAT YOU THOUGHT AND HELP ABOUT THE SESSION	11 Do your departmental teachers use Teaching Aids in the class room?
INDICATE YOUR GENERAL LEVEL OF SATISFACTION WITH THE FOLLOWING ITEMS PLEASE TICK (V) IN THE APPROPRIATE BOX Name of your Department :: Sudiffic Prodition B.P.Ed 2020-22	12. Tutorial Classes and Remedial Classes are arranged in your Department 13. Are you engaged in any extracurricular activity? (Fresher's Welcome, Raksha Bandhan, Departmental Tour, NSS, NCC Programmes, Blood Donation Camp etc.)
Classes are regular in your department NO NO NO NO NO NO NO NO NO N	14 Did you take any participation in District / State Level Sports or Cultural Competition?
General Classes are as regular as Honours Classes YES NO NO NO NO NO NO NO NO NO N	15. Provide names of your departmental teachers chronologically according to their Teaching Ability (Proficiency, Efficiency, Responsibility, Punctuation, Discipline)
3. Do you get library facilities properly?	1. Dr. Debashish Ray 2. Dre. Mimu dejish
Assessment Tests are regular as per University Guidelines YES NO NO NO NO NO NO NO NO NO N	3 Bishojit Dradi 4 Seign Krahimuddin
Do you get Internet Service & Computer Facilities in your Department ? (Only applicable for Science, Commerce, B.P.Ed, Music and Geography Departments) YES VES	5 Dr. Mrogfrunjoy Bjordod 6 Dr. Anjon Konog 7. Anup Maroto
Do you get Laboratory facilities (Access of Apparatus/Equipments etc) YES NO Properly ? (Only applicable for lab based subjects only) NO	16. Any Remarks
7. Syllabus is taught according to University Guidelines ?ES NO	Sudipta Prodice Signature of the Student
8. Syllabus is completed within scheduled time YES NO	Year 2020-02 M - 891809







STUDENTS' FEEDBACK FORM MUGBERIA GANGADHAR MAHAVIDYALAYA

BHUPATINAGAR ★ PURBA MEDINIPUR-721425

PLEASE HELP US AT WHAT WE DO BY COMPLETING THIS FEEDBACK FORM. WE WANT YOU TO BE HONEST ABOUT WHAT YOU THOUGHT AND HELP ABOUT THE SESSION

INDICATE YOUR GENERAL LEVEL OF SATISFACTION WITH THE FOLLOWING ITEMS DI EASE TICK / AUNITHE ADDDODDIATE BOY

	FEENSE HOK (V) IN THE AT THOS KIND BOX	
	Name of your Department :: Indranil Panua,	B.P.Ed 4th Sem
1.	. Classes are regular in your department	ves no
2.	General Classes are as regular as Honours Classes	XES NO
3.	Do you get library facilities properly?	WES NO
4.	Assessment Tests are regular as per University Guidelines	WES NO

5. Do you get Internet Service & Computer Facilities in your Department ?

(Only applicable for Science, Commerce, B.P.Ed, Music

- 6. Do you get Laboratory facilities (Access of Apparatus/Equipments etc) properly ? (Only applicable for lab based subjects only)
- 7. Syllabus is taught according to University Guidelines
- 8. Syllabus is completed within scheduled time

and Geography Departments)

- 10 Do you think teachers of your department are up-to-date according to

3 Teachers are regular in their classes

- 11 Do your departmental teachers use Teaching Aids in the class room?
- YES NO

YES NO

yes NO

- 12. Tutorial Classes and Remedial Classes are arranged in your Department
- YES YES NO
- 13 Are you engaged in any extracurricular activity? (Fresher's Welcome, Raksha Bandhan, Departmental Tour, NSS, NCC Programmes, Blood Donation Camp etc.)
- 14. Did you take any participation in District / State Level Sports or **Cultural Competition?**
- YES 100
- 15. Provide names of your departmental teachers chronologically according to their Teaching Ability (Proficiency, Efficiency, Responsibility, Punctuation, Discipline)
- Dr. D. Roy
- SK. Khabiruddin
- A. Mahata
- Or. Mimy seikh
- Biswajit Ohali
- Dr. M. Miswas
- Dr. Anjon Konsi
- 16. Any Remarks

PLNO-8617369959

STUDENTS' FEEDBACK FORM MUGBERIA GANGADHAR MAHAVIDYALAYA

BHUPATINAGAR ★ PURBA MEDINIPUR-721425

PLEASE RELP US AT WHAT WE DO BY COMPLETING THIS FEEDBACK FORM. WE WANT YOU TO BE HONEST ABOUT WHAT YOU THOUGHT AND HELP ABOUT THE SESSION

INDICATE YOUR GENERAL LEVEL OF SATISFACTION WITH THE FOLLOWING ITEMS

PLEASE TICK () IN THE APPROPRIATE BOX

Name of your Department :: TANNOY GIHOSH . B. P. E.D 4th Sem. (Scison-2020 2022)

- 1. Classes are regular in your department
- YES NO

YES N

VES NO

YES NO

YES NO

- 2. General Classes are as regular as Honours Classes
- 3. Do you get library facilities properly?
- 4. Assessment Tests are regular as per University Guidelines
- 5. Do you get Internet Service & Computer Facilities in your Department ? (Only applicable for Science, Commerce, B.P.Ed, Music and Geography Departments)
- YES
- 6. Do you get Laboratory facilities (Access of Apparatus/Equipments etc) properly ? (Only applicable for lab based subjects only)
- 7. Syllabus is taught according to University Guidelines
- 8. Syllabus is completed within scheduled time
- v∕€s No

9. Teachers are regular in their classes

recent research activities

- NO
- 10 Do you think teachers of your department are up-to-date according to
- 11 Do your departmental teachers use Teaching Aids in the class room?
- YES NO
- 12. Tutorial Classes and Remedial Classes are arranged in your Department
- YES NO NO NO
- 13 Are you engaged in any extracurricular activity? (Fresher's Welcome, Raksha Bandhan, Departmental Tour, NSS, NCC Programmes, Blood Donation Camp etc.)
- 14. Did you take any participation in District / State Level Sports or Cultural Competition ?
- YE8 NO
- 15. Provide names of your departmental teachers chronologically according to their Teaching Ability (Proficiency, Efficiency, Responsibility, Punctuation, Discipline)
- 1. Dr. DRay
- 2. S.K
- 3 Dr.Minu seich
- 4 Dr. GSP.
- 5. A.M.
- EDT.M.B.
- 7. AV.
- 16. Any Remarks

rear B.P. Gd (2020-22) 8918770491.

STUDENTS' FEEDBACK FORM MUGBERIA GANGADHAR MAHAVIDYALAYA BHUPATINAGAR * PURBA MEDINIPUR-721425	Teachers are regular in their classes 10 Do you think teachers of your department are up-to-date according to recent research activities
PLEASE FIELP US AT WHAT WE DO BY COMPLETING THIS FEEDBACK FORM WE WANT YOU TO BE HONEST ABOUT WHAT YOU THOUGHT AND HELP ABOUT THE SESSION INDICATE YOUR GENERAL LEVEL OF SATISFACTION WITH THE FOLLOWING ITEMS PLEASE TICK(/) IN THE APPROPRIATE BOX SAMIM ARTAR, B.P.E. HY Sem (2020-	11 De your departmental teachers use Teaching Aids in the class room? 12 Tutonal Classes and Remedial Classes are arranged in your Department 13 Are you engaged in any extracurricular activity? (Fresher's Welcome, Raksha Bandhan, Departmental Tour, NSS, NCC Programmes, Blood Donation Camp etc.)
Name of your Department :: 1. Classes are regular in your department YES NO	14. Did you take any participation in District / State Level Sports or Cultural Competition?
2. General Classes are as regular as Honours Classes NO	15. Provide names of your departmental teachers chronologically according to their Teaching Ability (Proficiency, Efficiency, Responsibility, Punctuation, Discipline) 1. proficiency (1) ANN Sir
3. Do you get library facilities properly?	2 Ethiciency 2 M.S Sir
4. Assessment Tests are regular as per University Guidelines NO	3 Responsibility 3 S.K Sir 4 punctuation (A.K Sir 5 Discipline, (M.B Sir
Do you get Internet Service & Computer Facilities in your Department ? (Only applicable for Science, Commerce, B.P.Ed, Music and Geography Departments) NO NO NO NO NO NO NO NO NO N	7.
6. Do you get Laboratory facilities (Access of Apparatus/Equipments etc) PES POPER PES PES PEN PEN	16. Any Remarks
7. Syllabus is taught according to University Guidelines YES NO	Sarrive Akkur Signature of the Student Year_2020-2022 9733114892
8. Syllabus is completed within scheduled time	34331[16]

Programme Name: B.P.Ed (Physical Education) MUGBERIA GANGADHAR MAHAVIDYALAYA, MUGBERIA 721425 DEPARTMENT OF PHYSICAL EDUCATION Percentage OF POs AND PSOs WITH QUESTIONNARIE

No.	Questions	Percentage of 61 Students
1.	Classes are regular in your department	98.36
2.	General classes are as regular as Honours classes	95.08
3.	Do you get library facilities properly?	98.36
4.	Assessment test are regular as per university guidelines	86.88
5.	Do you get internet service & computer facilities in your department?	73.77

1	Do you think teachers of your department are up-to-date according	83.60
1	Do your departmental teachers use Teaching Aids in the class	88.52
	room?	91.80
12.	Tutorial classes and remedial Classes are arranged in your department	96.72
13.	Are you engaged in any extramural activity? (Fresher's welcome, Raksha Bandhan, Departmental Tour, NSS, NCC programmes,	
	Blood donation camp, etc.) Did you take any participation in District/State level Sports or	55.73
14.	Did you take any participation in District and cultural competition?	# 12 P

The report is prepared by Dr. Mrityunjay Biswas under the guidance of Dr. Debasish Ray, HOD, Department of Physical Education.

Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya

Principal
Mugberia Gangadhar Mahavidyalaya

