Syllabus and Curriculum
of
Diploma in Acupuncture

(To be implemented from 2023-24 session)

Uttar Pradesh State Medical Faculty, Lucknow

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OBJECTIVES OF THE COURSE

- **Understanding the human body's anatomy, physiology, and energetic systems.**
- **Accurately locating and stimulating acupuncture points based on traditional Chinese medicine (TCM) and biomedical principles.**
- **Communicating effectively with healthcare professionals, including physicians and surgeons, to support integrated patient care.**
- **Providing compassionate psychological support to patients and their families, fostering trust and emotional well-being throughout treatment.**

Outline of Curriculum

Of

Diploma in Acupuncture

THEORY (Classes: 9 AM to 12 NOON)

First Paper: Syllabus covers	
1.	General Anatomy & Physiology (Cytology, Histology, Osteology and basics of all organ systems of body).
2.	Working knowledge of relevant Pathology, Pharmacology & Microbiology.
3.	In-depth knowledge of Gynaecology.

Second Paper: Syllabus covers	
1.	Fundamental working knowledge of General Medicine focusing on diagnosis, treatment and prevention of diseases.
2.	Basic principles of Surgery and role of Acupuncture in recovery, pain relief and wound healing.
3.	Working knowledge of Orthopaedic disorders and pain management.
4.	In depth knowledge of Acupuncture and its core techniques.

PRACTICAL CLASSES - 1PM to 4PM

Practical classes will be after lunch; from 1PM to 4PM.

Students must be present in the Hospital for practical experience and clinic hours.

Following Subjects must be taught, though there will not be any examination from these-
1. Basic Computer Skills. 2. Practice Management. 3. Soft / Language skills.

ELIGIBILITY CRITERIA FOR ADMISSION AND DURATION OF COURSE

COURSE DURATION: -

- It is a one-year full time Diploma Course.

  Examinations shall be held twice in a year,

  usually in February and August.

ELIGIBILITY: -

- Candidate must have passed class 12th with,

  Physics, Chemistry, Biology

  OR

  Physics, Chemistry, Maths

  with 35% marks in Intermediate Exams

  (From UP Board or any other equivalent exam).

- Candidate must have completed age of 17 years of age as on 31st December of Admission year. There is no maximum limit for the admission.

SCHEDULE OF EXAMINATION

Paper	Subjects	Mark	Internal Assessment Marks	Total Marks	Pass Marks	Duration of Exam
First Paper- Theory	1. Anatomy 2. Physiology 3. Pathology 4. Pharmacology 5. Gynaecology	75	25	100	50	3 Hours
Second Paper- Theory	1. Medicine 2. Surgery 3. Orthopaedics 4. Acupuncture	75	25	100	50	3 Hours
Practical	Oral & Practical	75	25	100	50	3 Hours

SCHEDULE OF COURSE

(List of Holidays, Total Hours, subject wise allotment of hours)

- **List Of Holidays**: -

Sundays	-52 days
Summer Vacation	-10 days
Winter vacation	- 10 days
Gazetted Holidays	- 23 days
Preparatory Holidays	- 10 days
Total Holidays	**105 days**

- **Total Hours: -**

Theory classes per day	- 3 Hours
Practical classes per day	- 3 Hours
Total classes per day	- 6 Hours
Total days & hours in One year	**- 260 days**
(After deduction of Holidays)	**-1,560 Hours**

SCHEDULE Of COURSE

Subject wise allotment of hours

Theory (780 Hours) Practical (780 Hours)

First Paper- Theory	1. General Anatomy	90 Hours
	2. Physiology	115 Hours
	3. Pathology, & Microbiology	75 Hours
	4. Pharmacology	45 Hours
	5. Gynaecology	50 Hours
Second Paper- Theory	1. Medicine	60 Hours
	2. Surgery	60 Hours
	3. Orthopaedics	75 Hours
	4. Acupuncture	210 Hours
Third Paper Practical	Oral & Practical	780 Hours
Theory: Other Subjects (These subjects are taught though there will not be any examination from these)	1. Basic Computer Skills	10 Hours
	2. Practice Management	30 Hours
	3. Soft skills/ Language skills	30 Hours

Details of Curriculum for the Diploma in Acupuncture

First Paper Theory	Topics	Hours
1. General Anatomy	General Anatomy: Introduction, Subdivisions, Nomenclature, Planes & Movements	5
	Skin: Structure & Appendages	5
	Musculoskeletal Anatomy: Bones (types, composition, functions)	10
	Joints: Classification, Large joints (Shoulder, Hip, Knee, Ankle)	15
	Muscles: Origin, Insertion, Nerve Supply, Movements, Surface Marking	15
	Upper Extremity: Osteology & Soft parts with blood/nerve supply	10
	Lower Extremity: Osteology & Soft parts with blood/nerve supply	10
	Trunk: Vertebrae, Ribs, Sternum, Intercostals, Abdominal muscles	10
	Head & Neck: Bones of skull, muscles, gross anatomy of sense organs	10
	TOTAL	**90**
2. Physiology		
	Cell: Structure, Types, Function, Division	5
	Blood: Composition, RBC, WBC, Platelets, Plasma proteins	8
	Haemoglobin, Anaemia, Reticulo-endothelial system	4
	Blood coagulation, disorders, anticoagulants	3
	Cardiovascular system: Functions, Cardiac cycle, BP, Shock	15
	Respiratory system: Structure, Gas exchange, Volumes	12

	Nervous system: Neuron, CNS, PNS, Reflexes, Sympathetic/Parasympathetic	18
	Digestive system: Ingestion, digestion, absorption	8
	Renal system: Kidney physiology, GFR, Urine formation	8
	Reproductive system: Male and Female reproductive organs, functions and disorders	10
	Endocrine system: Pituitary, Thyroid, Pancreas, Adrenal, Gonads	8
	Immune system: Components, Disorders	4
	Sensory organs: Eye, Ear, Nose, Tongue, Skin	12
	TOTAL	**115**
3. Pathology	Introduction, Aetiology of diseases, terminology	10
	Acute and Chronic Inflammation	5
	Necrosis and Apoptosis	5
	Modes of disease transmission & infection prevention	10
	Disinfection & Sterilization methods	10
	Bacteria, Viruses, Fungi (basics)	10
	Genetic disorders	5
	Neoplasia: Benign & Malignant	10
	Immunopathology: Auto-immune Disorders, Allergies	10
	TOTAL	**75**
4. Pharmacology	Drug Nomenclature & Classifications 5	3
	Pharmacokinetics & Pharmacodynamics 10	5
	Routes of Drug Administration	2
	Adverse effects and side effects of Drugs	3
	Analgesics & Anti-inflammatory drugs	7

	Anxiolytics & Muscle Relaxants	3
	Antimicrobials	7
	Antihistamines, Corticosteroids	4
	Bronchodilators & Anti-tussive	3
	PPIs & H2 Blockers	3
	How to use drugs along with Acupuncture for max benefit	5
	TOTAL	**45**
5. Gynaecology	Female reproductive system: Structure & Functions	10
	Menstrual cycle & disorders	5
	Pregnancy & Childbirth	5
	Common gynaecological conditions (PCOD, Endometriosis, Fibroids etc.)	10
	Fertility issues & acupuncture approaches	20
	TOTAL	**50**

Details of Curriculum for the Diploma in Acupuncture

Second Paper Theory	**Topics**	**Hours**
1. Medicine	History taking, Diagnosis, Clinical evaluation	5
	Respiratory Disorders (Asthma, Pneumonia, etc.)	10
	Cardiovascular Disorders (HTN, CAD, HF)	10
	Gastrointestinal Disorders (Ulcers, IBS, Liver diseases)	8
	Endocrine Disorders (Diabetes, Thyroid, Obesity)	8
	Neurological Conditions (Stroke, Epilepsy, Parkinsons)	10
	Infectious Diseases (HIV, TB, Hepatitis)	9
	TOTAL	**60**
2. Surgery	Principles of Surgery, Pre & Post-operative care	10
	Complications & Recovery	5
	Role of Acupuncture in recovery & pain relief	15
	Wound Healing & Management	5
	Minor Surgical Procedures (Incision, Drainage)	10
	Infection Control in Surgery	10
	Acupuncture Anaesthesia	5
	TOTAL	**60**

3. Orthopaedics	Introduction, Fractures & Healing	7
	Common Fractures in Practice	5
	Arthritis (RA, OA, Gout, Ankylosing Spondylitis)	15
	Osteoporosis & Osteomyelitis	5
	Back Pain & Causes	10
	Sprains, Strains, Dislocations	7
	Diagnostic & Therapeutic Techniques	8
	Rehabilitation & Physiotherapy	8
	Role of Acupuncture in Pain Management	10
	TOTAL	**75**
Acupuncture	History & Philosophy of Acupuncture	10
	Modern & Traditional Concepts	20
	Anatomy of Channels & Points	40
	Techniques: Needling, Electroacupuncture, Acupressure	30
	Adjuncts: Moxibustion, Cupping, Gua Sha, Tui Na	20
	Special Methods: Ear, Scalp, Catgut, Laser Acupuncture	25
	Indications & Contra-indications	10
	Pain theories (Gate Control, Endorphins)	10
	Acupuncture Points for common diseases	35
	Research & International perspective	10
	TOTAL	**210**

Diploma in Acupuncture-
Practical Syllabus (780 Hours)

Section	Topics	Hours
1. Foundational Skills	Anatomical landmarks, surface markings, meridian tracing, sterilisation, needle handling and needle disposal	80
2. Diagnostic Methodologies & Needling Competence	Diagnosis, point location, meridians, needling techniques, manipulation	200
3. Clinical Acupuncture Practice	Case-based protocols, modern indications & contraindications, supervised practice, patient handling, etiquette & privacy	240
4. Electroacupuncture & Modern Modalities	EA setup & safety, LASER acupuncture, catgut embedding, point injection therapy, hot needle therapy, periosteal acupuncture	70
5. Cupping, Moxibustion & Microsystem Acupuncture	Scalp, auricular & other microsystems	40
6. Emergency & Safety	Needle shock & fainting, bleeding, CPR basics, sharp pain, stuck/broken needles	30
7. Clinical Internship / Bedside Training	Supervised OPD/IPD cases, logbook	120
	TOTAL	**780**

Diploma in Acupuncture Course-
Subject Description

HUMAN ANATOMY (Including Applied Anatomy)

SUBJECT DESCRIPTION: - It is designed to provide students with the basic working knowledge of the structure of the human body, essential for learning Acupuncture.

THEORY: -

1) **General Anatomy**
   a) Introduction and subdivisions of Anatomy
   b) Anatomical nomenclature: Terms of Planes, Positions, Divisions of Skeletal system, Body parts and movements.
   c) Structure and appendages of skin.
   d) Muscles, Bones, Tendons and Cartilages.

2) **Musculoskeletal Anatomy**: -
   a) **Bones**: Composition and functions, Classification and Types according to morphology and development, basic structures and examples.
   b) **Joints**: Definition, Functions, Classification, types, basic structure and examples. **Focus on Large Joints-like Shoulder, Hip, Knee and ankle.**
   c) **Muscles**: - Origin, Insertion, Nerve supply, Movements Surface Making and Diagram. **Focus on large Muscle groups.**

3) **Upper Extremity**: -
   a) Osteology: - Clavicle, Scapula, Humerus, Radius, Ulna, Carpals, Metacarpals, Phalanges with Diagram.
   b) Soft Parts: - Breast, Axilla, Scapular Region, Pectoral region, Front of Arm, Back of Arm, Cubital Fossa, Front of forearm, back of forearm, Palm, Dorsum of hand (muscles, nerve supply, blood supply and Actions).
   c) Joints: - Shoulder joint, Elbow joint, Wrist joint, Radio-Ulnar joint, Joints of hand.
   d) Basic Knowledge of Brachial Plexus and emerging Nerves.
   e) Cranial Nerves and their main functions.

Applied Anatomy: - Injuries related to dislocations and subluxation of joints of upper limbs, Injuries related to Fractures of bones of upper limbs, Brachial plexus injury, Rotator Cuff Injuries, Injuries related to nerve damage, Injuries related to vascular supply of upper limbs, Deformities.

4) **Lower Extremity**: -
   a) Osteology: - Hip bone, Femur, Tibia, Fibula, Patella, Tarsals, Metatarsals, and Phalanges with Diagram.

b) Soft Parts: - Gluteal Region, Front and back of the thigh, Medial side of the thigh, Lateral side of the thigh, Popliteal fossa, Anterior and posterior compartment of leg, Sole of the foot (Major muscles, nerve supply, blood supply and Actions)
c) Joints: - Hip joint, Knee joint, Tibio-Fibular joints, Ankle joint, Joints of Foot.
d) Working knowledge of Sacral and Lumbar Plexus.

Applied Anatomy: - Injuries related to dislocations and subluxation of joints of lower limb, Injuries related to Fractures of bones of lower limb, Injuries related to nerve damage and vascular supply, Deformities.

5) **Trunk**: -
   a) **Osteology**: - Cervical, Thoracic, Lumbar, Sacral and Coccygeal Vertebrae with Diagram. Intervertebral Disc.
   b) Ribs and Sternum.
   c) **Soft Tissue**: - Pre and para vertebral muscles, Intercostal muscles, Muscles of anterior abdominal wall.

Applied Anatomy: - Injuries related to Fractures, Bony deformities, Spondylolisthesis, Spondylolysis, Spondylitis, Hemiplegia, Paraplegia.

6) **Head and Neck**: -
   a) **Osteology**: - Bones of Skull.
   b) **Soft parts**: - Muscles of Face and Neck and their nerve and blood supply.
   c) Gross Anatomy of Eye, Nose, Ear, Tongue and Teeth.

HUMAN PHYSIOLOGY (Including Applied Physiology)

SUBJECT DESCRIPTION: - This course is designed to provide students with a fundamental working knowledge and understanding of human physiological processes, focusing on how different systems function and interact in maintaining homeostasis. It is an essential foundation for understanding how Acupuncture techniques can influence bodily functions, support healing, and promote health.

THEORY: -

1. **General Physiology**: -
   a) **Cell:** - Structure, Types, Function and Cell Division
   b) **Blood**: -
      1. Introduction: - Composition, and functions of blood.
      2. Plasma: - Composition, functions and plasma proteins.
      3. Basics knowledge of RBC, WBC, Platelets.
      4. Basics knowledge of Haemoglobin, Anaemia, Reticulo-endothelial system, Bone marrow, Blood Transfusion, Blood Groups.
      5. Basics knowledge of blood Coagulation and Coagulation factors, Coagulation mechanisms, Coagulation disorders and Anti-Coagulants.

2. **Cardiovascular System**: -
    a) Functions of the Heart and its components.
    b) Cardiac Cycle: - Definition, Cardiac Output, Stroke Volume, Heart Rate and rhythm, Arterial Blood pressure.
    c) Shock: - Definition, Classification, Causes and Features and Treatment Principles.
3. **Respiratory System**: -
    a) Various parts and their functions.
    b) Gas exchange and oxygen Transport.
    c) Dead Space: - Types and their definition.
    d) Breathing Mechanism
    e) Different respiratory volumes.
4. **Nervous System**: -
    a) Nerve: - Structure and Functions of neurons, classification
    b) Physiology of the Brain and Spinal Cord.
    c) Sympathetic and Para sympathetic Regulations
    d) Central Nervous System and peripheral nervous system.
    e) Reflexes and Sensory Pathways.
5. **Digestive System**: -
    a) Various parts and their Functions.
    b) Basic knowledge of process of food ingestion, digestion, absorption and Defecation.
6. **Renal System**: -
    a) Physiology of Kidney and Urine formation.
    b) Glomerular filtration Rate.

7. **Male and Female Reproductive System**: -
    a) Physiology of Ovary and Testis and Prostate
    b) Physiology of Menstrual Cycle.
    c) Puberty and Menopause.
    d) Physiological changes during Pregnancy.
8. **Endocrine System**: -
    a) Major endocrine glands, Their Hormones
    b) Hormones secreted by Pituitary, Thyroid, Parathyroid, Pancreas, Adrenal cortex, Adrenal medulla, Gonads, and functions of different hormones.
    c) Hormones with their deficiency and excess disorders.
9. **Immune System**: -
    a) Components and various mechanisms of defence.
    b) Basics of Disorders of Immune system of the body.
10. **Sensory Organs**: - Basics knowledge of Eye, Ear, Nose, Skin and Tongue with their Functions.

PATHOLOGY

SUBJECT DESCRIPTION: - This course is designed to equip students with the fundamental working knowledge and understanding of disease processes, including the causes, development, and effects of diseases on the human body. Understanding Pathology is essential for identifying imbalances and guiding acupuncture treatment plans to address various health conditions.

THEORY: -

1. Introduction to Pathology: - Aetiology of Diseases and terminology.
2. Basics concepts of Acute and Chronic Inflammation.
3. Basics of Necrosis and Apoptosis.
4. Modes of disease transmission and prevention of infection.
5. Disinfection and Sterilization. Methods used in hospitals.
6. Basics idea about types of Bacteria, Viruses, and Fungi.
7. Genetic disorders: - Inherited Diseases and Mutations.
8. Neoplasia: - Tumours- Benign and Malignant
9. Immunopathology: - Auto-immune Disorders and Allergies.

PHARMACOLOGY

Subject Description: - This course is designed to provide students with a fundamental working knowledge and understanding of Pharmacology, focusing on the interactions between drugs and the human body. This knowledge is crucial for understanding the potential interactions between acupuncture treatments and medications, enhancing clinical decision-making and patients' safety.

1. Introduction to Pharmacology- Drug Nomenclature and Classifications
2. Pharmacokinetics and Pharmacodynamics: - Drug Absorption, Distribution, Metabolism and Excretion.
3. Routes of Drug Administration.
4. Adverse effects and side effects of Drugs
5. **Common Medications in Acupuncture**: -
    a) Analgesics
    b) Anti-inflammatory, NSAIDS, Cox-2 Inhibitors
    c) Anxiolytics,
    d) Anti- Microbials
    e) Muscles Relaxants
    f) Anti Histamines
    g) Opioids
    h) Anti-tussive
    i) Corticosteroids and Bronchodilators
    j) Proton Pump Inhibitors.
    k) H2 Blockers

GYNAECOLOGY

SUBJECT DESCRIPTION: - This course is designed to provide students with a fundamental working knowledge and understanding of gynaecological health, focusing on female reproductive anatomy, physiology, and common disorders. Knowledge of gynaecology is essential for applying acupuncture techniques to support women's health, manage reproductive and Fertility issues, and enhance overall well-being.

1. **Female Reproductive System**- Structure and Functions
2. **Menstrual Cycle**- Menstrual Disorders.
3. Pregnancy and Childbirth.
4. **Common Gynaecological Conditions**: - PCOD, Endometriosis, Dysmenorrhea, Poly- Menorrhea, Menorrhagia, Amenorrhea, Fibroids, Ovarian Cysts, Vaginitis, Cervical Cancer and HPV
5. **Fertility Issues**- Treatment Approaches in Acupuncture.

GENERAL MEDICINE

SUBJECT DESCRIPTION: -This course is designed to provide students with a fundamental working knowledge and understanding of medical principles, focusing on the diagnosis, treatment, and prevention of diseases. It emphasizes how the body responds to medical interventions and how clinical methods are used to maintain and restore health. This foundational knowledge is essential for understanding the role of modern medicine in promoting well- being and improving patient outcomes.

1. **Principle of Internal Medicine**: -History Taking and Examination, Diagnosis and Clinical Evaluation 2
2. **Respiratory Disorders**: - Asthma, Bronchitis, Pneumonia, Haemothorax, Emphysema and Pleural Effusion.
3. **Cardiovascular Disorders**: - Hypertension, Heart Failure, CAD
4. **Gastrointestinal Disorders**: - Gastritis, Peptic Ulcers, Liver Diseases, IBS
5. **Endocrine and Metabolic Disorders**: - Diabetes Mellites, Thyroid Issues, Obesity
6. **Neurological Conditions**: - Stroke, Parkinsons, Epilepsy, Spinal Injuries
7. **Infectious Diseases**: -HIV, Tuberculosis, Hepatitis

SURGERY

SUBJECT DESCRITION: - This course is designed to introduce students to the principles of surgery, focusing on pre-operative, operative and post-operative care. Although acupuncture is a non- surgical practice, understanding surgical procedures is essential for recognizing conditions that may require surgical interventions and for managing postoperative recovery with acupuncture techniques.

1. Surgical Principles, Procedures and Techniques
2. Pre- Operative and Post – Operative Care
3. Complications and Recovery
4. Role of Acupuncture in surgical Recovery, Pain relief, and wound healing
5. Wound Healing and Management
6. Types of Wounds, Suturing and Dressing
7. Minor Surgical Procedures: - Incisions, Excision, Drainage
8. Infection Control in Surgery.
9. Acupuncture Anaesthesia.

ORTHOPEDICS

SUBJECT DESCRIPTION: - This course is designed to provide students with a fundamental working knowledge and understanding of Orthopaedic conditions, focusing on the musculoskeletal system. Knowledge of orthopaedic disorders is essential for applying acupuncture techniques to support the treatment of joint, bone, and muscle issues, promoting healing and pain relief.

1. **Introduction to Orthopaedics:** -
    a) Fractures- Definition, Classification, Process of Healing and its Management
    b) Common Fractures encountered in orthopaedic practice.
2. **Musculoskeletal Disorders**: -
    a) Arthritis- Rheumatoid Arthritis, Osteoarthritis, Gouty and Ankylosing Spondylitis
    b) Osteoporosis and Osteomyelitis
    c) Back Pain and its Causes
3. **Common Orthopaedics Injuries**: - Sprains and Strains, Subluxation and Dislocations, Common Fractures
4. Diagnostic and therapeutic techniques
5. Rehabilitation and Physiotherapy
6. Role of Acupuncture in Pain Management
7. Acupuncture Techniques for Orthopaedics disorders.

ACUPUNCTURE

SUBJECT DESCRIPTION: - This course is designed to equip students with an in-depth understanding of Acupuncture, emphasizing its core principles, practical techniques, and therapeutic applications. Mastery of Acupuncture is vital for accurately diagnosing and addressing a wide range of health conditions by stimulating specific points on the body, aiming to restore harmony and promote the body's natural healing processes. Emphasis of the course will be on modern nomenclature and modern techniques.

1. History and Philosophy of Acupuncture.
    - Development of Traditional Chinese Medicine (TCM) concepts
    - Evolution of Acupuncture from Traditional to modern Techniques
    - Medical acupuncture and WHO and international recognition
2. Common Terms Used in Acupuncture Practice.
3. Postures used during Acupuncture.
4. **Laws of Acupuncture: -**
    a) Yin-Yang Theory
    b) Qi and Blood Flow
    c) Five Elements Theory
    d) Organs Clock
    e) Mother and Son Law
    f) The Husband-Wife Law
    g) Zang Fu Theory
    h) Present perspective of Pulse diagnosis
5. **Effects of Acupuncture**: -
    a) Objective Effects
    b) Subjective Effects
    c) Concepts of 'Qi' 'Yin' 'Yang' and their imbalance.
    d) Distal Points
    e) The Influential Points
    f) Alarm Points: - Mu- Front and Back- Shu Points.
6. **Details of 12 Channels and their important points**: -
    a) Lung Channel
    b) Large Channel
    c) Stomach Channel
    d) Spleen Channel
    e) Heart Channel
    f) Small Intestine
    g) Urinary Bladder Channel
    h) Kidney Channel
    i) Pericardium Channel
    j) Triple Warmer Channel
    k) Gall Bladder Channel
    l) Liver Channel

7. Extra- Ordinary Channels with details of only Governing and Conceptional Vessel Channels.

8. Acupuncture and Ancillary Techniques: -
    a) Combining Electroacupuncture with physical Therapy and Rehabilitation
    b) Superficial and Deep Needling
    c) Needle Manipulation (Twisting, Lifting and Thrusting)
    d) Directional Needling for different Pathologies.
    e) Dry Needling
    f) Plum blossom needle Therapy
    g) Acupressure and massage
    h) **Electroacupuncture:** - Principles and Applications, Use of Low and high Frequency Electrical Stimulation at Acupuncture Points.
    i) Point Injection Therapy
    j) Catgut embedding Therapy.
    k) LASER Acupuncture
    l) Ultrasonic Acupuncture
    m) Radiofrequency Acupuncture
    n) **Adjunct Techniques**: - Moxibustion, Gua Sha, Tui Na, Cupping and their place in modern context
9. Indications and Contra-Indications of Acupuncture, electro-acupuncture, other adjunct and Ancillary methods
10. **Ear Acupuncture (Auriculo- Therapy)-** Definition, and Structure of ear. Indications and Contra-indications, Distribution and Location of Ear Points. The most used Ear points.
11. **The Scalp Acupuncture (Head- Needle Therapy)**- Definition, Indications and contra- indications, The lines of Reference, Scalp Acupuncture Lines, Head needle Manipulation.
12. **How Acupuncture works?** Pain Theories in Acupuncture, Gate Control Theory of Pain and Endorphin Hypothesis, Role of Acupuncture in Modulating Inflammatory Markers, immune response and Pain Signals, Hints for arriving at a prescription.
13. Acupuncture points for different types of Common Diseases.
14. Current Research and International position of Acupuncture.