



Maharashtra Council of Acupuncture
Mumbai

Syllabus for Acupuncture Diploma Course
D.A.T. (Diploma in Acupuncture Therapy)

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Objectives of Acupuncture Therapy

The main objectives are:

- Relieve pain and other symptoms.
- Strengthen the immune system.
- Balance, harmonize, and integrate functions of the organs with each other, making for a unified, healthy person, rather than a collection of fragmented, disharmonious parts.
- Reduce overall stress and anxiety levels

Originally used as a form of preventative healing, many people still use acupuncture for the sole purpose of keeping themselves healthy, boosting their immune system and enhancing wellbeing.

An acupuncturist aims to return the flow of Qi to its normal rate and therefore restore internal, external and emotional balance, rather than treating the disease, with no distinction between physical and mental health.

Acupuncture can help stimulate the immune system and improve overall functions of the body by releasing natural endorphins. The practitioner looks at the patient as a whole and finds the root of the illness.

In the West, acupuncture is used mostly to treat painful conditions such as arthritis, back pain, rheumatism, but it has also been found to help people suffering from respiratory and digestive problems, insomnia, stress, anxiety, tiredness, depression, post operation conditions, addictions, hormonal imbalances and so on...

There is scientific evidence that acupuncture has a beneficial effect for a whole range of health conditions according to the World Health Organization (WHO) which lists over 100 different conditions which can benefit from acupuncture.

Vision

Facilitate the best possible environment for learning, and developing research abilities through knowledge and practice, towards building a competent professional as an Acupuncture Therapist who will deliver skilled services to every client in all health care, psycho-social settings, promote and maintain health and function of the client in his environment at an optimal capacity. Provide appropriate experience to students and build proficiency in applications of specialized skills to prevent, alleviate the ailments / disorders.

Mission

The profession is committed to the developing outstanding, ethical practitioners, leaders, scholars, and researchers in the field of acupuncture therapy who are prepared to respond to society's everchanging needs.

The outgoing professional is viewed as -

An expert, with unique skills who will participate to prevent illness & disability, maintain health and well-being of clients.

Having an in-depth clinical and critical reasoning and demonstrating exceptional ability to evaluate, diagnose dysfunction, and plan interventions towards facilitating Physical and Mental performance of clients within the scope of practice.

A practitioner who will practice the acquired professional skills on a sound understanding and knowledge of underlying medical conditions; without causing any untoward effect of treatment to the client.

An expert who will abide to ethical issues in practice, will be self-sufficient and independent in decision making, empowered with the ability to document evidence-based observations, analyze, interpret, and use them to improve on patient care, being abreast with recent advances in the field.

A person who will add to the foundation of professional practice.

About the Course

Pre-requisites for admission to the course:

Admission to first year: A student who has qualified the 12th grade of Maharashtra state of higher secondary board with any stream will be allowed to appear for the selection process conducted by council as per their prevalent directives.

Duration of course

Duration of the Diploma in Acupuncture Therapy (D.A.T.) course will be two academic years followed by compulsory 500 hours Internship.

Two years and 500 hours internship (after passing Diploma course).

On completion of the diploma course and completion of internship, a candidate will be conferred a D.A.T. (Diploma in Acupuncture Therapy) certification.

Health Prerequisites to Pursue the course

The 'OSLERIAN APPROACH' is a model which is the basis of imparting education to students in the health field and involves the following steps-

STEP I- Define and align

STEP II- Listen and localize

STEP III- Palpate and re-create

STEP IV- Investigate and alleviate

Based on the above model, for effective learning, deductions from clinical and didactic experiences, execution of skills, it is mandatory that a student in the field of Acupuncture Therapy should meet the following health pre requisites -

Cognitive and perceptual abilities: Understand, perceive and execute problem solving in all clinical situations using a combination of cognitive and perceptual components.

Visual abilities: Will satisfy normal standards of vision to identify, localize, and demonstrate cognizance of safety measures by visual inspection for appropriate intervention.

Auditory abilities: Will carry out effective and meaningful conversation with the client, care givers and co- professionals; will effectively auscultate and demonstrate ability to hear normal and abnormal sounds from a distance as well with or without aids to deliver appropriate care.

Speech: Will demonstrate ability to clearly articulate and share knowledge, professional values, patient concerns, with peers and other disciplines, to facilitate patient care.

Motor abilities: Will demonstrate adequate loco motor skills towards patient treatment, safety, care and intervention in varied set ups. Demonstrate gross and fine motor abilities to allow use of devices, gadgets, palpate, localize, and manipulate with precision and safety.

Sensory abilities: Will execute all essential sensory intactness to feel, palpate, test and report deficits and apply appropriate intervention.

Co-ordination: Will demonstrate uncompromised fine motor and visual-motor co-ordination and balance abilities to assess and intervene in a variety of therapy settings, with respect to patient and self-safety.

Emotional integrity: Will demonstrate a stable emotional status to interact during therapeutic interactions with clients, peers and professional colleagues, and all involved in patient care

Course Objectives

A Diploma in Acupuncture Therapy, at the end of course will

- Demonstrate the knowledge, skills and attribute appropriate for a competent entry level professional.
- Articulate unique contribution of Acupuncture Therapy professional, in patient care.
- Explain bio-medical and social sciences concepts underpinning Acupuncture Therapy practice.
- Enable individuals, groups and communities to participate in every day occupations.
- Diagnose and identify problems related to functional performance.
- Develop need-based strategies for clients to overcome barriers due to dysfunction.
- Critically appraise the nature and meaning of ailment, the occupational nature of human beings, theories and basic principles related to enabling occupation and occupational performances.
- Be proactive in prevention oriented and health promotion practices.
- Be competent in research applications and identify best evidence-based strategies in client treatment.
- Assume leadership, supervisory and management roles as appropriate and situational.
- Critically evaluate a problem and demonstrate clinical reasoning skills in problem-solving.
- Create high standards of practice, contribute to profession and participate in the ongoing learning processes.
- Recognize intrinsic values of people irrespective of culture, beliefs and economic status.

Course Details

The syllabus is prepared based on the guidelines of World Health Organization (WHO) and the World Federation of Acupuncture and Moxibustion (WFAS)

Diploma Course

The course curriculum is designed to acquire the Diploma in Acupuncture therapy in two years with an additional 500 hours of internship.

It prepares the student to acquire theoretical and practical skills to effectively meet patient needs. Students work in the acute and emergency care, sub-acute care, outpatient rehabilitation and community rehabilitation set ups. Basic knowledge of medical sciences is covered in the education system to enhance clinical judgment and abilities of the student in physical, mental, psychological and psycho-social rehabilitation of clients.

A student on basis of medical knowledge related to illness, disease, injury, accident, ageing, congenital and acquired disabilities, normal and abnormal human development is trained for proficiency in Acupuncture Therapy applications to contribute towards well-being of clients.

The course is designed to prepare a student of Acupuncture Therapy to competently serve the individual clients and community at large and assist in functional independence following disrupted function.

Course prepares students in areas like client education to prevent disease and promote health.

Students keep abreast with the knowledge and skills training in recent developments and professional techniques through participation in seminars, conferences, presentations, review of research articles, participation and assistance in basic research.

Curriculum

The aim and objectives of the D.A.T. curriculum is to educate and train a student as a qualified Acupuncture Practitioner who will be able to impart health services safely and effectively to community in terms of health promotion, functional diagnosis, prevention and treatment of ailments in different fields of medical science.

The teaching and training program shall be evolving one and there shall be more emphasis on demonstration, clinical work, seminars and group discussion than on classroom teaching. The student shall have clinical experience in different fields like Orthopedics, Neurology, Chest and Cardiac conditions, Gynecology etc.

The progress of the student shall be monitored through the seasonal examinations. A record of student's work shall be maintained which would form the base for internal assessment. The students shall be encouraged to do clinical presentations, to participate in group discussions and seminars, to prepare community related projects to enable them to develop personality, expression and acquire depth of knowledge.

Syllabus

First Year Semester I

1. Anatomy
2. Physiology
3. Public Health and Hygiene
4. First Aid & CPR
5. History & Fundamentals of Acupuncture

First Year Semester II

1. Pathology
2. Acupuncture and Moxibustion Technique
3. Meridian, Collaterals and Acupoints - 1
4. Meridian, Collaterals and Acupoints - 2
5. Chinese Scalp and Ear Acupuncture (Auriculotherapy)
6. Microsystems of Acupuncture

Second Year Semester III

1. Western Lab Testing / Radiology
2. Diagnosis of Acupuncture
3. Differentiation of Syndromes
4. Clinical Practice

Second Year Semester IV

1. Communication Skills, Practice Management, Ethics
2. Therapeutic 1
3. Therapeutic 2
4. Supervised Practice

Internship

Experiential hands on clinical training to allow independent decision making in professional practice.

Provides opportunity to optimal Refinement of professional skills in:

- 1) Documenting, modeling, interaction with disciplines, articulating needs and values of practice, verbal and written communication, record writing and record maintenance.
- 2) Clinical reasoning to practice independently in acute, sub-acute care, community, assistive technology, intra disciplinary and interdisciplinary interactive sessions.
- 3) Literature review and research presentation, exploration of the components of the research process in the context of occupational performance, diagnosis of functional limitations. Includes developing research questions, conducting a literature search and review, data collection and data analysis, selection of instruments, drawing conclusions from data; offers insight into ethics of research, and sharing research findings.

Terms and Examination Pattern

Each Academic Year consists of two semesters (terms).

Students are assessed for theory and practical skills twice a year in the form of internal assessment conducted by the internal faculty of each institution. The final exam at the end of each semester is conducted at the council level, by the examiners recognized and appointed by the council [MCA].

Maximum Marks in Examination:

Subject-wise marks are mentioned in the syllabus.

For passing the examination, the candidate must secure a minimum of 50% marks of total marks each in theory and practical, i.e. 50% marks in the aggregate of Council examination and internal assessment of theory and practical/ Clinical separately.

Duration of Examination:

Each written paper of 80 marks shall be of 3 hours duration and of 40 marks shall be of 2 hours duration.

Attendance:

75% in theory and 75% in practical/clinical in each subject in each semester.

Semester wise internal assessment:

Average of total marks obtained in the internal examinations are included in the aggregate marks of the final examination, as semester wise internal assessment.

The pattern of conducting internal exams for theory and practical examinations and the marking system will remain constant in all institutes affiliated to MCA. Students are expected to fulfil 75% attendance in lectures & 75 % attendance in practical and clinical field work during the semester to appear for the final examination.

Marks allotted to each subject for internal and final examinations will be the final decision of the council based on the syllabus passed by the Board of Studies. [Refer to the allotment for each subject for each year]

Following declaration of the final-year results, a student having qualified in the examination is expected to complete a 500 hours of intensive field work [Internship] in areas of acupuncture therapy to acquire a diploma. Internship period begins within 8 days of declaration of results.

The objectives of didactic, field work and practical training are described within each year, as per professional recommendations.

Maintenance of records, reflective writing, project and dissertation work for each subject, field work placement, practical, and practicum is described in relation to each year.

Vacation period applies as per council [MCA] directives & dates.

Dress Code**Sense of Hygiene**

Students will be expected to follow all norms in respect to the dress codes; each student will be expected to wear clean clothes and a white apron during the college hours.

Will tie long hair or wear a shower cap when essential, cut nails and maintain highest standards of hygiene, use of mask and gloves may be emphasized in clinical areas for safety purposes.

First Year Semester II

1. Pathology
2. Acupuncture and Moxibustion Technique
3. Meridian, Collaterals and Acupoints - 1
4. Meridian, Collaterals and Acupoints - 2
5. Chinese Scalp and Ear Acupuncture (Auriculotherapy)
6. Microsystems of Acupuncture

Second Year Semester III

1. Western Lab Testing / Radiology
2. Diagnosis of Acupuncture
3. Differentiation of Syndromes
4. Clinical Practice

Second Year Semester IV

1. Communication Skills, Practice Management, Ethics
2. Therapeutic 1
3. Therapeutic 2
4. Supervised Practice

Internship

Experiential hands on clinical training to allow independent decision making in professional practice.

Provides opportunity to optimal Refinement of professional skills in:

- 1) Documenting, modeling, interaction with disciplines, articulating needs and values of practice, verbal and written communication, record writing and record maintenance.
- 2) Clinical reasoning to practice independently in acute, sub-acute care, community, assistive technology, intra disciplinary and interdisciplinary interactive sessions.
- 3) Literature review and research presentation, exploration of the components of the research process in the context of occupational performance, diagnosis of functional limitations. Includes developing research questions, conducting a literature search and review, data collection and data analysis, selection of instruments, drawing conclusions from data; offers insight into ethics of research, and sharing research findings.

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Duration of Examination:

Each written paper of 80 marks shall be of 3 hours duration and of 40 marks shall be of 2 hours duration.

Attendance:

75% in theory and 75% in practical/clinical in each subject in each semester.

Semester wise internal assessment:

Average of total marks obtained in the internal examinations are included in the aggregate marks of the final examination, as semester wise internal assessment.

The pattern of conducting internal exams for theory and practical examinations and the marking system will remain constant in all institutes affiliated to MCA. Students are expected to fulfil 75% attendance in lectures & 75 % attendance in practical and clinical field work during the semester to appear for the final examination.

Marks allotted to each subject for internal and final examinations will be the final decision of the council based on the syllabus passed by the Board of Studies. [Refer to the allotment for each subject for each year]

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The objectives of didactic, field work and practical training are described within each year, as per professional recommendations.

Maintenance of records, reflective writing, project and dissertation work for each subject, field work placement, practical, and practicum is described in relation to each year.

Vacation period applies as per council [MCA] directives & dates.

Dress Code**Sense of Hygiene**

Students will be expected to follow all norms in respect to the dress codes; each student will be expected to wear clean clothes and a white apron during the college hours.

Will tie long hair or wear a shower cap when essential, cut nails and maintain highest standards of hygiene, use of mask and gloves may be emphasized in clinical areas for safety purposes.

Behavior

Respect towards teachers, seniors, clients, caregivers, colleagues, and peers will be appreciated as a part of institutional behavioral norms.

No student will involve in unacceptable and antisocial behavior that does not comply with the institutional rules; breach in the rules will result in strict disciplinary action against the student.

YEAR ONE - Semester I

Hours of Teaching

Subject Code	Subject	Didactic (Theory) Hours	Practical Hours	Total Hours
W101	Human Anatomy	60	20	80
W102	Human Physiology	60	20	80
W103	Public Health and Hygiene	60		60
W104	First Aid & CPR	10	20	30
A101	History & Fundamentals of Acupuncture	200	50	250
	Total			500

Examination schedule and marks

Subject Code	Subject	Theory	I. A.	Total
W101	Human Anatomy	80	20	100
W102	Human Physiology	80	20	100
W103	Public Health and Hygiene	80	20	100
W104	First Aid & CPR	40	10	50
A101	History & Fundamentals of Acupuncture	80	70	150
	Total			500

W101 Human Anatomy

Didactic: 60 hours + Practical: 20 hours = 80 Total hours. (Credit 8)

Course Description

Provides the students with the knowledge of functional structure of the human body. It also provides anatomical knowledge of bodily systems as a prerequisite to understanding human motion, movements, Cognito-motor functions and effects of pathologic conditions in relation to the above.

1. General Introduction
 - 1.1. Anatomical terms
 - 1.2. Parts of the human body
 - 1.3. Tissues in broad outline
2. Skeletal and joint system (Demonstration on the skeleton)
 - 2.1. Bones, types of bones, structure and development
 - 2.2. Bones of the whole body, skeleton
 - 2.3. Joints, structure
 - 2.4. Classification of various joints of the body
3. Muscular system
 - 3.1. Types of muscles and structure
 - 3.2. Skeletal muscle
 - 3.3. Cardiac muscle
 - 3.4. Smooth muscle
4. Circulatory system
 - 4.1. Heart and its structure
 - 4.2. Arteries, veins and lymphatic system
5. Respiratory system
 - 5.1. Structure of nose, larynx, trachea, bronchi and lungs (Demonstration on the body)
6. Digestive system
 - 6.1. Mouth, pharynx, esophagus and whole of gastrointestinal tract and also the glands associated.
The liver, the gall bladder in the pancreas, the spleen (Structure and distribution in the body)
7. Urinary system
 - 7.1. Demonstration of structure of kidney, ureters, bladder and urethra
8. Endocrine system
 - 8.1. All the endocrine glands
9. Nervous system and special senses
 - 9.1. Brain

- 9.2. Spinal cord
- 9.3. Nerves
- 9.4. Autonomic nervous system
- 9.5. Eye, ear and nose
10. Reproductive system
 - 10.1. Male structure
 - 10.2. Female structure

Recommended Text Books

1. Human Anatomy by Snell
2. Anatomy by Chaurasia, Volume- I, II & III
3. Neuro anatomy by Inderbir Singh
4. Human Anatomy by Kadasne, Volume- I, II & III
5. Human Anatomy by Datta
6. Neuroanatomy by Vishram Singh

Recommended Reference Books

1. Gray's Anatomy
2. Atlas of Histology by Mariano De Fiore
3. Anatomy & Physiology by Smout and McDowell
4. Kinesiology by Katherine Wells
5. Neuroanatomy by Snell

Scheme of Council Examination

Distribution of maximum marks for the subject having 100 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A.)	20

Scheme of Theory exam to be conducted out of 80 marks:

Duration of paper: 3 Hours.

Section	Type of Question	Marks Distribution
A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks

B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics.
Average of total marks obtained to be considered for internal assessment.

W102 Human Physiology

Didactic: 60 hours + Practical: 20 hours = 80 Total hours. (Credit 8)

Course Description

Focuses on the normal functioning of tissues, organs and organ systems, maintenance of internal homeostasis through control of the neuro-humoral mechanisms. Emphasizes the role of the endocrine and cardio-pulmonary systems in normal body states.

Correlates the functioning of various body systems to efficient functioning of human in environment, forms a foundation of knowledge to understand the concept of levels of organization in the body homeostasis as a basis for understanding the structure and function of human body system.

1. Introduction to physiology of the cell.
2. Blood
 - 2.1. Composition and function of various components of blood
 - 2.2. Normal and abnormal hemopoiesis
 - 2.3. Destruction of red cells, jaundice and blood groups
3. C.V.S.
 - 3.1. Structure and function of heart and blood vessels
 - 3.2. Regulation of heart rate and blood pressure
 - 3.3. Regional circulation with special reference to coronary circulation and ischemic heart disease
4. Respiratory system
 - 4.1. Functional anatomy of respiratory system and mechanisms of respiration
 - 4.2. Regulation of respiration
 - 4.3. Anoxia, cyanosis, dyspnea and pulmonary function tests
5. Gastro-intestinal system
 - 5.1. Composition, mechanism of action and regulation of salivary and gastric secretions
 - 5.2. Bile, Pancreatic juice and intestinal secretions
 - 5.3. Gastro-intestinal tract movement and absorption
 - 5.4. Functions of liver
6. Excretory system
 - 6.1. Structure and functions of kidney
 - 6.2. Mechanism of function of kidney and kidney function tests
 - 6.3. Structure and function of the skin
7. Endocrine and Metabolism
 - 7.1. Endocrine and their functions
 - 7.2. Regulation of endocrine secretions

- 7.3. Endocrine disorders
- 7.4. Physiology and reproduction
- 7.5. Basis of use of various contraceptive devices
- 8. Nervous system and special senses
 - 8.1. Neuron conduction of nerve impulses, synaptic transmission and reflex action
 - 8.2. Sensory organs and different tracts
 - 8.3. Regulation of tone and posture
 - 8.4. Physiology of cerebellum and basal ganglia
 - 8.5. The cerebral cortex
 - 8.6. Physiology of vision
 - 8.7. The special sensation-auditory, tests and olfaction
- 9. Lymphatic system
 - 9.1. General functions
 - 9.2. Lymph nodes and its functions
 - 9.3. Functions of thymus and spleen
 - 9.4. Functions of lymph
 - 9.5. Lymphatic pathways
 - 9.6. Lymphatic drainage
- 10. Reproductive System
 - 10.1. General functions
 - 10.2. Maturation process of male and female reproductive system
 - 10.3. Structure of male organs and their functions
 - 10.4. Structure of female organs and their functions
- 11. Integumentary System
 - 11.1. Layers of skin
 - 11.2. Functions of each layer
 - 11.3. Accessory organs associated with the skin

Practical

- 1. Clinical Examination
 - 1.1 Examination of Radial pulse.
 - 1.2. Recording of blood pressure
 - 1.3. Examination of CVS
 - 1.4. Examination of Respiratory system
 - 1.5. Examination of Sensory system

- 1.6. Examination of Motor System
- 1.7. Examination of reflexes
- 1.8. Examination of cranial nerves
- 1.9 General History taking
2. Recommended Demonstrations
 - 2.1. Spirometry
 - 2.2. Artificial Respiration
 - 2.3. ECG
 - 2.4. Perimetry
3. Graphs
 - 3.1. Skeletal muscle and its properties
 - 3.2. Cardiac muscle-properties-effect of Ach & Adrenaline

Recommended Text Books:

1. Text book on Medical Physiology by Guyton
2. Textbook of Physiology by A K Jain.

Recommended Reference Books

1. Review of Medical Physiology by Ganong
2. Applied Physiology by Samson & Wright
3. Textbook of Medical Physiology by Bern and Levy.

Scheme of Council Examination

Distribution of maximum marks for the subject having 100 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A.)	20

Scheme of Theory exam to be conducted out of 80 marks:

Duration of paper: 3 Hours.

Section	Type of Question	Marks Distribution
A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.

LAQ (20 Marks)	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

W103 Public Health and Hygiene

Didactic: 60 hours. (Credit 6)

Course Description

This course explores the cultural and environmental issues that contribute to health and illness in our society. Topics include the economics of our health care system, epidemiology, how the socio-economics of individuals influences health care, world health, disease prevention and awareness of at-risk population. This class explores the ways in which the practitioner interface with, and are affected by, the public health system in the country. The class also focuses on the specific issue of chemical dependency.

1. Health Indicators
 - 1.1. Population Dynamics and Epidemiology
 - 1.2. Family Planning Program
 - 1.3. Asian Perspectives on Health and Quality of Life
2. Environmental Sanitation and Safety
 - 2.1. Agents of Contamination
 - 2.2. Water Supply and Waste Disposal
 - 2.3. Personal Hygiene
 - 2.4. Public and Home Safety
3. Dietary Management of Disease
 - 3.1. Diet in Disease: Basic Principles
 - 3.2. Dietary Management of Nutrition-related Disorders and Associated Problems
 - 3.3. Dietary Management of Disorders of Non-nutritional Origin
4. Food-borne Diseases, Food Infections and Intoxications
 - 4.1 Common Food-borne Diseases-I
 - 4.2 Common Food-borne Diseases-II
 - 4.3 Parasitic Infestations
 - 4.4 Food Infections and Intoxications
5. Common Infections and Infectious Diseases
 - 5.1 Measles, Tuberculosis and Whooping Cough
 - 5.2 Diphtheria, Tetanus and Poliomyelitis
 - 5.2 Malaria
 - 5.3 Skin, Eye and Ear Infections
6. Public Health
 - 6.1 Primary Health Care-I: Concept and Organization
 - 6.2 Primary Health Care-II: Current Status in India

6.3 Primary Health Care-III: Delivery of Services

6.4 Health Programs

6.5 Income Generation Programs

6.6 Environmental Protection

Recommended Text Books

1. Study notes published by institute

Recommended Reference Books

1. Elements of Hygiene and Public Health by J. P. Modi
2. Public Health and Hygiene by William Hallock Park
3. Hygiene and Public Health by George Moses Price

Scheme of Council Examination

Distribution of maximum marks for the subject having 50 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A.)	20

Scheme of Theory exam to be conducted out of 80 marks:

Duration of paper: 3 Hours.

Section	Type of Question	Marks Distribution
A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

W104 First Aid and CPR

Didactic: 10 hours + Practical: 20 hours = 30 Total hours. (Credit 3)

Course Description

This course explores how to effectively assess and respond to injuries and life-threatening situations. Skills taught include CPR, bandaging, splinting and wound care etc.

1. Importance of First Aid.
2. Examination of Vital Signs
3. First Aid in cardiac arrest.
4. First Aid in Respiratory failure.
5. First Aid in Burns.
6. First Aid in Electric shock.
7. First Aid in Drowning.
8. First Aid in Spinal cord injuries.
9. First Aid in Hypovolemic Shock.
10. First Aid in Poisoning
11. Instrumentation used in First Aid (First Aid kit).
12. First Aid in RTA.
13. Indication of CPR.
14. Assessment and technique of CPR.
15. Artificial ventilation.

Recommended Textbooks

1. First aid in emergency by St-john. Ambulance Association.
2. Physiotherapy for burns & Reconstruction by Glassey.
3. Surgical & Medical Procedures for Nurses & Paramedical staff by Nathan.
4. First aid & management of general injuries & common ailments by Gupta & Gupta

Scheme of Council Examination

Distribution of maximum marks for the subject having 50 marks shall be as follows:

Examination	Marks
Council exam	40
Internal assessment (I. A.)	10

Scheme of Theory exam to be conducted out of 40 marks:

Duration of paper: 2 Hours.

Section	Type of Question	Marks Distribution
A SAQ (30 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x2) =10 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	TOTAL	40 Marks

Scheme of Internal Assessment

The marks to be given for Practical at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

A101 History & Fundamentals of Acupuncture

Didactic: 200 hours + Practical: 50 hours = 250 Total hours. (Credit 25)

Course Description

This is a foundation subject. This subject requires students to grasp the basic theories, philosophies and knowledge of TCM. This includes TCM philosophies (Essence and Qi Theory, Yin-Yang Theory, Five Elements Theory), TCM physiology (Organ Clusters, Essence- Qi - Blood-Body Fluid - Spirit, Channels and Collaterals, Body type), knowledge of diseases in TCM (Causes of Disease, Pathogenesis), and TCM preventative and therapeutic principles. This is to prepare students for upcoming subjects such as Diagnostics of TCM, the TCM Classics and clinical subjects.

This course will present a rich history that brings to life the subject of acupuncture, guided by classical texts. Fundamentals of acupuncture begins with the comprehensive study of the basic theories of acupuncture, including qi, blood, body fluids, five phases/elements, zang-fu (viscera- bowel) physiology.

Brief Introduction

- History
 - Basics
 - Advantages
 - Indications
 - Side Effects
 - Complications
 - Contraindications
 - Precautions
 - Effects of Acupuncture
1. The Theory of Yin-Yang and Five Elements
 - 1.1. The Theory of Yin-Yang
 - 1.1.1. The Concept of the Theory of Yin-Yang
 - 1.1.2. Basic Contents of the Theory of Yin-yang
 - 1.1.3. Application of the theory of Yin-Yang in Traditional Chinese Medicine
 - 1.2. The theory of the Five Elements
 - 1.2.1. Basic Concepts of the Five Elements
 - 1.2.2. Basic Concepts of the theory of the Five Elements
 - 1.2.3. Application of the Theory of the Five Elements in Traditional Chinese Medicine
 2. The Theory of Zang-Fu System
 - 2.1. Five Zang Organs
 - 2.1.1. Heart

- 2.1.2.Lung
2.1.3.Spleen
2.1.4.Liver
2.1.5.Kidney
- 2.2. Six Fu Organs
2.2.1.Gallbladder
2.2.2.Stomach
2.2.3.Small Intestine
2.2.4.Large Intestine
2.2.5.Bladder
2.2.6.San Jiao (Triple Energizer)
- 2.3. The Extraordinary Fu Organs
2.3.1.Brain
2.3.2.Uterus
3. Theory of Essence, Qi, Blood and Body Fluids
3.1. Essence
3.2. Qi
3.2.1.The Classification and Generation of Qi
3.2.2.Function of Qi
3.3. Blood
3.3.1.Formation and Circulation of Blood
3.3.2.Functions of Blood
3.4. Body fluids
3.4.1.Formation, Transportation and Dissemination of Body Fluids
3.4.2.Functions of Body Fluids
4. Meridians and collaterals
4.1. Concept and Formation of the Meridian System
4.1.1.The Concept of Meridians
4.1.2.The Composition of the Meridian System
4.2. The twelve principal meridians
4.2.1.The courses, connections and distributions of the twelve principal meridians
4.2.2.The exterior-interior relationships between the twelve principal meridians and cyclical flow of Qi and blood in them
4.2.3.The routes of the principal meridians

- 4.3. The eight extra meridians
- 4.4. The functions of meridians and their Application
 - 4.4.1. Functions of meridians
 - 4.4.2. Clinical Significance of the theory of meridians
5. Etiology and Pathogenesis
 - 5.1. Etiology
 - 5.1.1. The Exogenous factors
 - a) Six exogenous factors related to weather (wind, cold, summer-heat, damp, dryness, fire (heat))
 - b) Miscellaneous factors (bacteria, viruses, fungus, worms, poison, chemicals etc)
 - 5.1.2. The Endogenous factors Imbalance in the five elements. Emotional factors
 - 5.1.3. Miscellaneous factors
 - 5.1.4. Diet, physical exercise, phlegm and fluid retention, qi or blood stagnation, traumatic injuries.
 - 5.2. Pathogenesis
 - 5.2.1. Disharmony of yin and yang.
 - 5.2.2. Conflict between anti-pathogenic Qi and pathogenic Qi.
 - 5.2.3. Abnormal descending and ascending Qi

Recommended Text Books

1. Essentials of Chinese Acupuncture by Foreign Language Press Beijing
2. The Foundations of Chinese Medicine by Giovanni Maciocia
3. Clinical Acupuncture by Anton Jayasuria
4. Acupuncture a Complete text book by Prof. Sir P.B. Lohiya
5. Modern Acupuncture by Dr. Chandrashekhar Pardeshi
6. Mastering Basic Acupuncture by Shripad Chodankar
7. Mastering Acupoints by Shripad Chodankar

Recommended Reference Books

1. Acupuncture and Moxibustion by Cheng, Xiaoming
2. Essentials of Chinese Medicine Volume 1, 2, 3 by Zhanwen Liu
3. World Century Compendium to TCM Vol. 1 – Fundamentals of TCM by Hong-zhou Wu

Scheme of Council Examination

Distribution of maximum marks for the subject having 150 marks shall be as follows:

Examination	Marks
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Council exam	80
Internal assessment (I. A.)	70

Scheme of Theory exam to be conducted out of 80 marks:

Duration of paper: 3 Hours.

Section	Type of Question	Marks Distribution
A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics.
Average of total marks obtained to be considered for internal assessment.

Distribution of marks of Internal assessment

Viva	Based on theory	20 Marks
Practical	Practical based on Meridians and collaterals	40 Marks
Journal	Based on practical performed	10 Marks
	Total	70 Marks

YEAR ONE - Semester II

Hours of Teaching

Subject Code	Subject	Didactic (Theory) Hours	Practical Hours	Total Hours
W105	Pathology	80		80
A102	Acupuncture and Moxibustion Technique	25	25	50
A103	Meridians, Collaterals and Acupoints - 1	85	85	170
A104	Meridians, Collaterals and Acupoints - 2	85	85	170
A105	Chinese Scalp and Ear Acupuncture	25	25	50
A106	Microsystems of Acupuncture	15	15	30
	Total			550

Examination schedule and marks

Subject Code	Subject	Theory	I. A.	Total
W105	Pathology	80	20	100
A102	Acupuncture and Moxibustion Technique	40	10	50
A103	Meridians, Collaterals and Acupoints - 1	80	20	100
A104	Meridians, Collaterals and Acupoints - 2	80	20	100
A105	Chinese Scalp and Ear Acupuncture	80	20	100
A106	Microsystems of Acupuncture	40	10	50
	Total			500

W105 Pathology

Didactic: 80 hours. (Credit 8)

Course Description

The course focuses on understanding of pathology of underlying clinical disease states involving the major organ systems and epidemiological issues.

Discusses concepts of cell injury and healing processes related to tissues and organ systems, pathology of tumors, altered morphology in different systemic diseases and conditions.

Educates on recognition of pathological signs and symptoms considered as red flags for serious diseases, problem-solving skills and information about pathological states to decide when referrals to another health care provider or alternative interventions are indicated.

1. General Pathology

- 1.1. Cell injury Causes, Mechanism & Toxic injuries with special reference to Physical injuries including Ionizing radiation, Chemical & Biological.
- 1.2. Reversible injury (degeneration) types morphology-Cloudy swelling, hyaline, fatty changes.
- 1.3. Intra-cellular Accumulation- Mucin, Protein.
- 1.4. Irreversible cell injury-types of necrosis- Apoptosis- Calcification- Dystrophic & Metastasis.
- 1.5. Extra-cellular accumulation-Amyloidosis.

2. Inflammation & Repair

- 2.1. Acute inflammation – features, causes, vascular & Cellular events.
- 2.2. Morphologic variations-Ulcers.
- 2.3. Inflammatory cells & Mediators.
- 2.4. Chronic inflammation: Causes, Types, Nonspecific & Granulomatous – with examples.
- 2.5. Wound healing by primary & secondary union, factors promoting & delaying healing process.
- 2.6. Healing at various sites- bone, nerve & muscle.
- 2.7. Regeneration & Repair.

3. Immuno-Pathology

- 3.1. Immune system: organization-cells antibodies regulation of immune responses.
- 3.2. Hyper-sensitivity (types and examples including Graft rejection).
- 3.3. Secondary Immuno-deficiency including H.I.V.
- 3.4. Basic concepts of autoimmune disease (emphasis on S.L.E. & R.A.).

4. Circulatory Disturbances

- 4.1. Edema-pathogenesis- types-transudates /exudates.
- 4.2. Chronic venous congestion- lung, liver.
- 4.3. Thrombosis-formation-fate-effects.
- 4.4. Embolism; types; clinical effects.

- 4.5. Infarction; types; common sites.
- 4.6. Gangrene; types; etiopathogenesis.
- 4.7. Shock; Pathogenesis, types.
5. Pathologic Changes in Vitamin Deficiencies
6. Growth Disturbances
 - 6.1. Atrophy, Hypertrophy, Hyperplasia, Metaplasia, Agenesis, Dysplasia.
 - 6.2. Neoplasia classification, Histopathogenesis, Biologic Behaviors, difference between Benign & Malignant Tumors.
 - 6.3. Malignant neoplasms- grades-stages local & distal spread.
 - 6.4. Carcinogenesis: Physical, Chemical, Occupational, Heredity, Viral, Nutritional.
 - 6.5. Precancerous lesions & Carcinoma in situ.
 - 6.6. Tumor & host interactions-local and systemic. Effects-metastatic (special reference to bones and C.N.S.)
7. Medical Genetics

Classifications with examples of Genetic disorders.
8. Specific Pathology
 - 8.1. C.V.S.
 - 8.1.1. Atherosclerosis, Ischemic Heart Diseases; Myocardial Infarction-Pathogenesis /Pathology.
 - 8.1.2. Hypertension.
 - 8.1.3. C.C.F.
 - 8.1.4. Rheumatic Heart Diseases.
 - 8.1.5. Peripheral Vascular Diseases.
 - 8.2. Respiratory
 - 8.2.1. C.O.P.D.
 - 8.2.2. Pneumonia (lobar, bronchial, viral), Lung Abscess.
 - 8.2.3. T. B.: Primary, Secondary morphologic types.
 - 8.2.4. Pleuritis & its complications.
 - 8.2.5. Lung collapse – Atelectasis.
 - 8.2.6. Occupational Lung diseases. (with special emphasis on Silicosis, Asbestosis, Anthracosis).
 - 8.2.7. A.R.D.S.
 - 8.3. Neuropathology
 - 8.3.1. Reaction of nervous tissue to injury, infection & Ischemia.
 - 8.3.2. Meningitis: Pyogenic, T.B.M., Viral.

8.3.3.Cerebro-Vascular Diseases: Atherosclerosis, Thrombosis, Embolism, Aneurysm, Hypoxia, Infarction & Hemorrhage, Hydrocephalous, Increased Intracranial Pressure.

8.3.4.Leprosy.

8.3.5.Parkinsonism.

9. Muscular Disorders

Classification of Muscular disorders with emphasis on Muscular Dystrophies.

10. Neuro-Muscular Junction

10.1. Myasthenia gravis.

10.2. Myasthenic syndrome.

11. Bone & Joints

11.1. Osteomyelitis; Rickets; Osteomalacia, Osteoporosis.

11.2. Arthritis- Degenerative (Osteoarthritis, Calcaneal Spur, Periarthritis, Spondylosis).
Inflammatory- (R.A., Ankylosing Spondylitis, Gout).

11.3. Miscellaneous-P.I.D., Hemarthrosis.

11.4. Infective-T.B.

12. G.I. System

Gastric / Duodenal ulcer. Enteric fever, T.B., Enteritis, Gastritis (related to consumption of NSAID).

13. Endocrine System

13.1. Hypo and Hyperthyroidism.

13.2. Diabetes.

14. Hepatic Diseases

Cirrhosis - emphasis to systemic effects of portal Hypertension.

15. Clinical Pathology

15.1. Anemia (deficiency): Total Count/Differential Count/ Eosinophilia Anemia.

15.2. Muscle / Skin / Nerve biopsy.

15.3. Microscopic appearance of muscle necrosis – fatty infiltration.

Recommended Text Books

1. Text book of Pathology by Harsh Mohan
2. Basic Pathology by Robbins

Recommended Reference Books

1. Pathologic basis of disease by Cotran, Kumar, Robbins
2. General Pathology by Bhende

Scheme of Council Examination

Distribution of maximum marks for the subject having 100 marks shall be as follows:

Examination	Marks
Council exam	80
Internal Assessment	20

Scheme of Theory exam to be conducted out of 80 marks:

Duration of paper: 3 Hours.

Section	Type of Question	Marks Distribution
A	Q-1 SAQ's-Answer any FIVE out of SIX	(5x7) = 35 Marks.
	Q-2 LAQ's-Answer any ONE out of TWO	(1x15) = 15 Marks
B	Q-3 SAQ's-Answer any THREE out of FOUR	(3x5) = 15 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x15) = 15 Marks.
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics.
Average of total marks obtained to be considered for internal assessment.

A102 Acupuncture & Moxibustion Technique

Didactic: 20 hours + Practical: 25 hours = 50 Total hours. (Credit 5)

Course Description

The course is attributed towards having a sound knowledge of Acupuncture and Moxibustion technique.

This includes the application of various techniques of needling and moxibustion with safety

1. Acupuncture
 - 1.1. Filiform needle
 - 1.2. Needling methods
 - 1.3. Precautions, Contraindications and Management of Possible Accidents in Acupuncture Treatment
2. Moxibustion
 - 2.1. About Moxibustion
 - 2.2. The effects of moxibustion
 - 2.3. The classification of moxibustion
 - 2.4. Application of the moxibustion
3. Other modalities of Acupoint stimulation-
 Acupressure, Cupping, LASER puncture, point injection, plum blossom therapy, seed embedding, press needles, sonopuncture, cryopuncture, hot needling, bleeding, Trans cutaneous electro stimulation, meridian massage etc

Recommended Text Books

1. Essentials of Chinese Acupuncture by Foreign Language Press Beijing
2. The Foundations of Chinese Medicine by Giovanni Maciocia
3. Clinical Acupuncture by Anton Jayasuria
4. Acupuncture a Complete text book by Prof. Sir P.B. Lohiya
5. Modern Acupuncture by Dr. Chandrashekhar Pardeshi
6. Mastering Basic Acupuncture by Shripad Chodankar

Recommended Reference Books

1. Illustrated Chinese Moxibustion by Chang Xiaorong, Hong Jing, Yi Shouxian
2. Acupuncture and Moxibustion by Cheng, Xiaoming
3. Essentials of Chinese Medicine Volume 1, 2, 3 by Zhanwen Liu
4. World Century Compendium to TCM Vol. 1
5. Fundamentals of TCM by Hong-zhou Wu

Scheme of Council Examination

Distribution of maximum marks for the subject having 50 marks shall be as follows:

Examination	Marks
Council exam	40
Internal assessment (I. A)	10

Scheme of Theory exam to be conducted out of 40 marks

Duration of paper: 2 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	40 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

A103 Meridians, Collaterals and Acupoints - 1

Didactic: 85 hours + Practical: 85 hours = 170 Total hours. (Credit 17)

Course Description

This is a foundation subject. This subject requires students to grasp the basic theories, philosophies and knowledge of TCM. This includes TCM philosophies (Essence and Qi Theory, Yin-Yang Theory, Five Elements Theory), TCM physiology (Organ Clusters, Essence- Qi - Blood-Body Fluid - Spirit, Channels and Collaterals, Body type), knowledge of diseases in TCM (Causes of Disease, Pathogenesis), and TCM preventative and therapeutic principles. This is to prepare students for upcoming subjects such as Diagnostics of TCM, the TCM Classics and clinical subjects.

This course will present the channel pathways and acupoints. The student will learn about meridians and collaterals. The course explains the pathway of meridian and location of acupoint. The student will develop the skill of locating and needling the appropriate acupoint based on indications.

1. Surface anatomy (D 15 hours + P 15 hours)
 - 1.1. Body Planes
 - 1.2. Anatomical Directions
 - 1.3. Anatomical Movements
 - 1.4. Reference lines
 - 1.5. Surface Areas
 - 1.6. Landmarks
 - 1.7. CUN measurement unit
 - 1.8. Body proportionate measurement
2. Brief Introduction to meridians and collaterals (D 15 hours + P 15 hours)
 - 2.1. About meridians and collaterals
 - 2.2. The composition of the meridian system
 - 2.3. What are acupoints
3. Meridians and Acupoints (D 70 hours + P 70 hours)
 - 3.1. The Lung Meridian of Hand Taiyin (LU)
 - 3.2. The Large Intestine Meridian of Hand Yangming (LI)
 - 3.3. The Stomach Meridian of Foot Yangming (ST)
 - 3.4. The Spleen Meridian of Foot Taiyin (SP)
 - 3.5. The Heart Meridian of Hand Shaoyin (HT)
 - 3.6. The Small intestine Meridian of Hand-Taiyang (SI)

Recommended Text Books

1. Essentials of Chinese Acupuncture by Foreign Language Press Beijing
2. The Foundations of Chinese Medicine by Giovanni Maciocia

3. Clinical Acupuncture by Anton Jayasuria
4. Acupuncture a Complete text book by Prof. Sir P.B. Lohiya
5. Modern Acupuncture by Dr. Chandrashekhar Pardeshi
6. Mastering Basic Acupuncture by Shripad Chodankar
7. Mastering Acupoints by Shripad Chodankar

Recommended Reference Books

1. Applied Anatomical Atlas of Acupuncture by Yan Zhenguo
2. Atlas of Layered Anatomy of Acupoints by Gao Hualing
3. Acupuncture and Moxibustion by Cheng, Xiaoming
4. Essentials of Chinese Medicine Volume 1, 2, 3 by Zhanwen Liu
5. World Century Compendium to TCM Vol. 1 – Fundamentals of TCM by Hong-zhou Wu

Scheme of Council Examination

Distribution of maximum marks for the subject having 100 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A)	20

Scheme of Theory exam to be conducted out of 80 marks

Duration of paper: 3 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

A104 Meridians, Collaterals and Acupoints - 2

Didactic: 85 hours + Practical: 85 hours = 170 Total hours. (Credit 17)

Course Description

This is a foundation subject. This subject requires students to grasp the basic theories, philosophies and knowledge of TCM. This includes TCM philosophies (Essence and Qi Theory, Yin-Yang Theory, Five Elements Theory), TCM physiology (Organ Clusters, Essence- Qi - Blood-Body Fluid - Spirit, Channels and Collaterals, Body type), knowledge of diseases in TCM (Causes of Disease, Pathogenesis), and TCM preventative and therapeutic principles. This is to prepare students for upcoming subjects such as Diagnostics of TCM, the TCM Classics and clinical subjects.

This course will present the channel pathways and acupoints. The student will learn about meridians and collaterals. The course explains the pathway of meridian and location of acupoint. The student will develop the skill of locating and needling the appropriate acupoint based on indications. In this course the students will study the point category which is beneficial while making treatment prescription.

1. Meridians and Acupoints

- 1.1. The Bladder Meridian of Foot-Taiyang (BL)
- 1.2. The Kidney Meridian of Foot-shaoyin (KI)
- 1.3. The Pericardium Meridian of Hand-Jueyin (PC)
- 1.4. The Sanjiao (Triple Energizer) Meridian of Hand-Shaoyang (SJ)
- 1.5. The Gallbladder Meridian of Foot-Shaoyang (GB)
- 1.6. The Liver Meridian of Foot-Jueyin (LR)
- 1.7. The Ren Meridian (Conception Vessel) (RN)
- 1.8. The Du Meridian (Governor Vessel) (DU)
- 1.9. Extra Points

2. Point Category

- 2.1. Yuan Source Points
- 2.2. Luo connecting Points
- 2.3. Xi-cleft Points
- 2.4. Back Shu point
- 2.5. Front Mu Points
- 2.6. 5-Shu Points (Jing-well, Ying-spring, Shu-stream, Jing-river, He-sea)
- 2.7. Mother / Child Points
- 2.8. Horary Points (Ben Points)
- 2.9. Influential Points (Hui meeting Points)
- 2.10. Confluent Points
- 2.11. Lower He-sea Points

- 2.12. Windows of Heaven Points
- 2.13. Points of four Seas
- 2.14. Ghost Points
- 2.15. Entry / Exit Points

Recommended Text Books

1. Essentials of Chinese Acupuncture by Foreign Language Press Beijing
2. The Foundations of Chinese Medicine by Giovanni Maciocia
3. Clinical Acupuncture by Anton Jayasuria
4. Acupuncture a Complete text book by Prof. Sir P.B. Lohiya
5. Modern Acupuncture by Dr. Chandrashekhar Pardeshi
6. Mastering Basic Acupuncture by Shripad Chodankar
7. Mastering Acupoints by Shripad Chodankar

Recommended Reference Books

1. Applied Anatomical Atlas of Acupuncture by Yan Zhenguo
2. Atlas of Layered Anatomy of Acupoints by Gao Hualing
3. Acupuncture and Moxibustion by Cheng, Xiaoming
4. Essentials of Chinese Medicine Volume 1, 2, 3 by Zhanwen Liu
5. World Century Compendium to TCM Vol. 1 – Fundamentals of TCM by Hong-zhou Wu

Scheme of Council Examination

Distribution of maximum marks for the subject having 100 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A)	20

Scheme of Theory exam to be conducted out of 80 marks

Duration of paper: 3 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.

C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics.
Average of total marks obtained to be considered for internal assessment.

A105 Chinese Scalp and Ear Acupuncture

Didactic: 15 hours + Practical: 15 hours = 30 Total hours. (Credit 3)

Course Description

Section 1-- Scalp Acupuncture

In this course, the student learns Chinese scalp acupuncture; a contemporary acupuncture technique integrating traditional Chinese needling methods with Western medical knowledge of representative areas of the cerebral cortex. This has been proven to be a most effective technique for treating acute and chronic central nervous system disorders.

1. Introduction
2. Anatomy, Physiology and Neurology of the Scalp
3. Location and Indications of Areas
4. Scalp Acupuncture Techniques
5. Contraindications and Precautions
6. Therapeutics

Section 2 – Ear Acupuncture (Auriculotherapy)

Ear acupuncture is one of the most effective technique of microsystem. In this course, the student learns, philosophy of ear acupuncture, the nomenclature of ear points, diagnostic and treatment techniques using ear points.

1. Introduction to Auriculotherapy
2. History of Auriculotherapy
3. Anatomy of the Auricle
4. Auricular zones
5. Acupuncture points on the Auricle
6. Auricular Diagnostic Procedure
7. Auriculotherapy Treatment Techniques
8. Precautions in auriculotherapy

Recommended Text Books

1. Chinese Scalp Acupuncture by Jason Jishun Hao, Linda Lingzhi Hao
2. Scalp Acupuncture and Clinical Cases by Jiao Shunfa
3. Clinical Acupuncture by Anton Jayasuria
4. Manual of Auriculotherapy by Shripad Chodankar
5. Auriculotherapy Manual by Terry Oleson

Recommended Reference Books

1. Auriculotherapy by Raphael Nogier

2. Elements of Auriculotherapy by Rene Bourdiol
3. Ear Acupuncture by Beate Strittmatter
4. Chinese Auricular Acupuncture by Skya Abbate
5. Ear Acupuncture A Practical Guide by Kajsa Landgren

Scheme of Council Examination

Distribution of maximum marks for the subject having 100 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A)	20

Scheme of Theory exam to be conducted out of 80 marks

Duration of paper: 3 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics.
Average of total marks obtained to be considered for internal assessment.

A106 Microsystems of Acupuncture

Didactic: 15 hours + Practical: 15 hours = 30 Total hours. (Credit 3)

Course Description

The course is attributed towards having a sound knowledge of other microsystems of Acupuncture.

1. Chinese Hand & Foot acupuncture
2. Wrist - Ankle acupuncture,
3. Face - Nose acupuncture,
4. ECIWO

Recommended Text Books

1. Microsystems Acupuncture by Hans-Ulrich Hecker, Rakuten Kobo
2. Acupuncture-a Complete text book by Prof. Sir P.B. Lohiya
3. Advance Acupuncture by Prof. Sir P.B. Lohiya

Scheme of Council Examination

Distribution of maximum marks for the subject having 50 marks shall be as follows:

Examination	Marks
Council exam	40
Internal assessment (I. A)	10

Scheme of Theory exam to be conducted out of 40 marks

Duration of paper: 2 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	40 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

YEAR TWO - Semester III

Hours of Teaching

Subject Code	Subject	Didactic (Theory) Hours	Practical Hours	Total Hours
W106	Western Lab Testing / Radiology	25	15	40
A107	Diagnosis of Acupuncture	65	65	130
A108	Differentiation of Syndromes	65	65	130
A109	Clinical Practice		300	300
	Total			600

Examination schedule and marks

Subject Code	Subject	Theory	I. A.	Total
W106	Western Lab Testing / Radiology	40	10	50
A107	Diagnosis of Acupuncture	80	70	150
A108	Differentiation of Syndromes	80	70	150
A109	Clinical Practice		150	150
	Total			500

W105 Western Lab Testing / Radiology

Didactic: 25 hours + Practical: 15 hours = 40 Total hours. (Credit 4)

Course Description

Western Lab Testing

1. Basic Principles of Diagnostic Test Use and Interpretation
2. Laboratory Procedures in the Clinical Setting
3. Common Laboratory Tests: Selection and Interpretation
4. Therapeutic Drug Monitoring: Principles and Test Interpretation
5. Microbiology: Test Selection
6. Diagnostic Imaging: Test Selection and Interpretation
7. Basic Electrocardiography
8. Diagnostic Testing: Algorithms, Nomograms, and Tables

Radiology

1. Ordering Scheme
2. Imaging Overview
 - 2.1. X-Ray
 - 2.2. Computed tomography
 - 2.3. Ultrasound
 - 2.4. MRI / PET
 - 2.5. Chest
 - 2.6. Abdominal
 - 2.7. Urinary
 - 2.8. Gastrointestinal
 - 2.9. Musculoskeletal
 - 2.10. Head and Neck
 - 2.11. Neuroimaging
 - 2.12. Improving Proficiency
3. Imaging Anatomy and Pathology

Recommended Text Books

1. Radiology Fundamentals: Introduction to Imaging & Technology by Harjit Singh & Janet A Neutze
2. The Radiology Handbook by J. S. Benseler
3. Pocket Guide to Diagnostic Tests by Diana Nicoll

Scheme of University Examination

Distribution of maximum marks for the subject having 50 marks shall be as follows:

Examination	Marks
University exam	40
Internal Assessment (I. A.)	10

Scheme of Theory exam to be conducted out of 40 marks:

Duration of paper: 2 Hours.

Section	Type of Question	Marks Distribution
A SAQ (30 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x2) =10 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks
B LAQ (10 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	TOTAL	40 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

A107 Diagnosis of Acupuncture

Didactic: 65 hours + Practical: 65 hours = 130 Total hours. (Credit 13)

Course Description

This is a foundation subject. Based on the basic theories of TCM, this subject looks into the basic theories, knowledge and skills of investigating conditions, determining diseases and differentiating syndromes. A bridging subject from the basic theories to the clinical subjects, it is one of the core subjects of this course. The aims of this subject are: to familiarize students with the meaning and contents of TCM diagnostics, the concepts and relationships between symptom, disease and syndrome etc., and the principles of TCM diagnostics; to grasp the basic skills and knowledge of inspections, auscultation, olfaction and pulse taking, and basic contents and unified syndrome differentiation systems of 8 principles, disease character and viscera etc.; to familiarize students with the handling and integration of case information, thought processes in disease diagnosis, main symptom diagnosis and syndrome differentiation, and the contents, format and requirements of writing medical records.

This includes the application of various techniques of diagnosis to understand the pathophysiology of the disease to prepare the treatment prescription

1. Inspection
 - 1.1. Observation of the Vitality
 - 1.2. Observation of the Color
 - 1.3. Observation of the Appearance
 - 1.4. Observation of the Five Sense Organs
 - 1.5. Observation of the Tongue
2. Auscultation and Olfaction
 - 2.1. Listening
 - 2.2. Smelling
3. Inquiring
 - 3.1. Chills and Fever
 - 3.2. Perspiration
 - 3.3. Appetite, Thirst and Taste
 - 3.4. Defecation and Urination
 - 3.5. Pain
 - 3.6. Sleep
 - 3.7. Menses and Leukorrhea
4. Palpation
 - 4.1. Feeling the Pulse
 - 4.2. Palpation of Different Parts of the Body

Recommended Text Books

1. Diagnosis in Traditional Chinese Medicine by Ping Chen
2. The Foundations of Chinese Medicine by Giovanni Maciocia
3. Clinical Acupuncture by Anton Jayasuria
4. Essentials of Chinese Acupuncture by Foreign Language Press Beijing
5. Acupuncture a Complete text book by Prof. Sir P.B. Lohiya
6. Modern Acupuncture by Dr. Chandrashekhar Pardeshi
7. Mastering Basic Acupuncture by Shripad Chodankar
8. Tongue Diagnosis in Chinese Medicine by Shripad Chodankar

Recommended Reference Books

1. Acupuncture and Moxibustion by Cheng, Xiaoming
2. Essentials of Chinese Medicine Volume 1, 2, 3 by Zhanwen Liu
3. Fundamentals of TCM by Hong-zhou Wu

Scheme of Council Examination

Distribution of maximum marks for the subject having 150 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A)	70

Scheme of Theory exam to be conducted out of 80 marks

Duration of paper: 3 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

A107 Differentiation of Syndromess

Didactic: 65 hours + Practical: 65 hours = 130 Total hours. (Credit 13)

Course Description

The course is attributed towards having a sound knowledge of Pattern (Syndrôme) Analysis in Acupuncture.

This includes the understand the underlying pathological condition of the disease to prepare the treatment prescription.

1. Differentiation of Patterns According to Eight Principle
 - 1.1. Cold and Heat
 - 1.2. Exterior and Interior
 - 1.3. Deficiency and Excess
 - 1.4. Yin and Yang
2. Differentiation of Patterns according to the theory of zang-fu
 - 2.1. Patterns of the Heart and Small Intestine
 - 2.2. Patterns of the Lung and Large Intestine
 - 2.3. Patterns of the Spleen and Stomach
 - 2.4. Patterns of the Liver and Gallbladder
 - 2.5. Patterns of the Kidney and Bladder
3. Identification of Patterns according to Qi-Blood-Body Fluids
4. Identification of Patterns according to Pathogenic Factors
 - 4.1. Wind
 - 4.2. Cold
 - 4.3. Summer-Heat
 - 4.4. Dampness
 - 4.5. Dryness
 - 4.6. Fire
5. Identification of Patterns according to Six Stages
 - 5.1. Greater Yang stage
 - 5.1.1. Channel Patterns
 - 5.1.2. Organ Patterns
 - 5.2. Bright Yang Stage
 - 5.3. Lesser yang (Shao Yang) stage
 - 5.4. Greater Yin (Tai Yin) stage
 - 5.5. Lesser Yin (Shao Yin) stage

- 5.6. Terminal Yin (Jue Yin) stage
6. Identification of Patterns according to Four Levels
- 6.1. Defensive Qi level
- 6.2. Qi level
- 6.3. Nutritive Qi (Ying) level
- 6.4. Blood level
- Latent heat
7. Identification of Patterns according to three burners
- 7.1. Upper burner
- 7.2. Middle burner
- 7.3. Lower burner

Recommended Text Books

1. Pattern Analysis by Shripad Chodankar
2. Mastering Basic Acupuncture by Shripad Chodankar
3. Acupuncture a Complete text book by Prof. Sir P.B. Lohiya
4. Advance Acupuncture by Prof. Sir P.B. Lohiya
5. Modern Acupuncture by Dr. Chandrashekhar Pardeshi
6. The Foundations of Chinese Medicine by Giovanni Maciocia
7. Clinical Acupuncture by Anton Jayasuria

Scheme of Council Examination

Distribution of maximum marks for the subject having 150 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A)	70

Scheme of Theory exam to be conducted out of 80 marks

Duration of paper: 3 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.

C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics.
Average of total marks obtained to be considered for internal assessment.

Distribution of marks of Internal assessment

Viva	Based on theory	20 Marks
Assignment	Based on theory	40 Marks
Journal	Based on theory	10 Marks
	Total	70 Marks

A109 Clinical Practice

300 Total hours. (Credit 30)

Course Description

This course introduces students to the actual clinical setting, where they are provided opportunities for the application of everything they have learned and are learning.

Acupuncture theory and diagnostics, acupuncture and its related procedures, proper bed side manner and ethical conduct; communications and safe clinical practice.

Scheme of Council Examination

Distribution of maximum marks for the subject having 150 marks shall be as follows:

Examination	Marks
Council exam	-
Internal assessment (I. A)	150

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

YEAR TWO - Semester IV

Hours of Teaching

Subject Code	Subject	Didactic (Theory) Hours	Practical Hours	Total Hours
W107	Communication Skill, Practice Management and Ethics	20		20
A110	Therapeutics - 1	70	70	140
A111	Therapeutics - 2	70	70	140
A112	Supervised Practice		300	300
	Total			600

Examination schedule and marks

Subject Code	Subject	Theory	I. A.	Total
W107	Communication Skill, Practice Management and Ethics	40	10	50
A110	Therapeutics - 1	80	70	150
A111	Therapeutics - 2	80	70	150
A112	Supervised Practice		150	150
	Total			500

W107 Communication Skill, Practice Management and Ethics

Didactic: 20 hours. (Credit 2)

Course Description

Section 1 - Communications Skill

This course introduces basic and advanced skills for effective communications, thus enhancing the students interviewing ability. It presents specific counseling skills and ethics applying the principles of human psychology. It develops the characteristics in students to benefit patient / practitioner relationship.

Section 2 - Practice management and Ethics

This hands-on course gives students a comprehensive view of the various office management, recordkeeping, billing and book keeping systems related to acupuncture practice. Time is devoted to the study of law and regulations of acupuncture in India, as well as the professional and ethical responsibilities of being a health care provider.

Practice building techniques are introduced in this class for a successful career.

Recommended Text Books

1. Study notes published by institute
2. Principle and Practice of Management by Dr. Preety Bhalla
3. Communication Skill for Medical Professionals by Laurie Kelly McCorry, Jeff Mason
4. Handbook on ICMR Ethical Guidelines by ICMR

Scheme of Council Examination

Distribution of maximum marks for the subject having 50 marks shall be as follows:

Examination	Marks
Council exam	40
Internal Assessment (I. A.)	10

Scheme of Theory exam to be conducted out of 40 marks:

Duration of paper: 2 Hours.

Section	Type of Question	Marks Distribution
A SAQ (30 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x2) =10 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks
B LAQ (10 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
		(1x10) =10 Marks.

	TOTAL	40 Marks.
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Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics.
Average of total marks obtained to be considered for internal assessment.

A110 Therapeutics - 1

Didactic: 70 hours + Practical: 70 hours = 140 Total hours. (Credit 14)

Course Description

The Acupuncture therapeutics guides students toward effective acupuncture treatments, system wise. Each system disorders category includes biomedical explanation, detailed patho-mechanism according to acupuncture, its treatment principles and specific treatment methods. There is an emphasis on finding the most effective acupuncture point prescriptions, techniques and accessory techniques for the given condition.

General Introduction to Acupuncture Treatment

1. The general principles of treatment
 - 1.1. Regulation of Yin and Yang
 - 1.2. Strengthening the body resistance and eliminating the pathogenic factor
 - 1.3. Treatment of diseases according to climatic and seasonal Conditions, geographical locations and the individual condition
2. Basic principles for prescription and selection of points
 - 2.1. Acupuncture prescription
 - 2.2. Principles for Point Selection
3. Treatment of
 - 3.1. Various syndromes of Zang-Fu organs
 - 3.2. Syndromes of Qi
 - 3.3. Syndromes of blood
 - 3.4. Eight syndromes

Recommended Text Books

1. Essentials of Chinese Acupuncture by Foreign Language Press Beijing
2. The Foundations of Chinese Medicine by Giovanni Maciocia
3. Clinical Acupuncture by Anton Jayasuria
4. Acupuncture a Complete text book by Prof. Sir P.B. Lohiya
5. Advance Acupuncture by Prof. Sir P.B. Lohiya
6. Modern Acupuncture by Dr. Chandrashekhar Pardeshi
7. Mastering Basic Acupuncture by Shripad Chodankar

Recommended Reference Books

1. Acupuncture and Moxibustion by Cheng, Xiaoming
2. Essentials of Chinese Medicine Volume 1, 2, 3 by Zhanwen Liu
3. World Century Compendium to TCM Vol. 1

4. Fundamentals of TCM by Hong-zhou Wu
5. Advanced Modern Chinese Acupuncture Therapy by Ganglin Yin
6. Clinical Practice of Acupuncture by A. L. Agrawal, G. N. Sharma

Scheme of Council Examination

Distribution of maximum marks for the subject having 150 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A)	70

Scheme of Theory exam to be conducted out of 80 marks

Duration of paper: 3 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.

A111 Therapeutics - 2

Didactic: 70 hours + Practical: 70 hours = 140 Total hours. (Credit 14)

Course Description

The Acupuncture therapeutics guides students toward effective acupuncture treatments, system wise. Each system disorders category includes biomedical explanation, detailed patho-mechanism according to acupuncture, its treatment principles and specific treatment methods. There is an emphasis on finding the most effective acupuncture point prescriptions, techniques and accessory techniques for the given condition.

Acupuncture Treatment of

1. Disorders of Cardio-Vascular system,
2. Disorders of Respiratory system,
3. Disorders of Hepato-biliary system,
4. Disorders of Gastro-Intestinal system,
5. Disorders of Genito-Urinary system
6. Musculo-Skeletal disorder
7. Psychiatric disorders
8. Hormonal Disorders
9. Disorders of blood
10. Disorders of skin
11. Disorders of sense organs
12. Disorders of obstetrics and gynecology
13. Pediatric disorders
14. Bacterial, viral, fungal infections, worm infestations etc
15. Miscellaneous disorders

Recommended Text Books

1. Essentials of Chinese Acupuncture by Foreign Language Press Beijing
2. The Foundations of Chinese Medicine by Giovanni Maciocia
3. Clinical Acupuncture by Anton Jayasuria
4. Acupuncture a Complete text book by Prof. Sir P.B. Lohiya
5. Advance Acupuncture by Prof. Sir P.B. Lohiya
6. Modern Acupuncture by Dr. Chandrashekhar Pardeshi
7. Mastering Basic Acupuncture by Shripad Chodankar

Recommended Reference Books

1. Acupuncture and Moxibustion by Cheng, Xiaoming

2. Essentials of Chinese Medicine Volume 1, 2, 3 by Zhanwen Liu
3. World Century Compendium to TCM Vol. 1
4. Fundamentals of TCM by Hong-zhou Wu
5. Advanced Modern Chinese Acupuncture Therapy by Ganglin Yin
6. Clinical Practice of Acupuncture by A. L. Agrawal, G. N. Sharma

Scheme of Council Examination

Distribution of maximum marks for the subject having 150 marks shall be as follows:

Examination	Marks
Council exam	80
Internal assessment (I. A)	70

Scheme of Theory exam to be conducted out of 80 marks

Duration of paper: 3 Hours.

A SAQ (50 Marks)	Q-1 SAQ's-Answer any FIVE out of SIX	(5x4) =20 Marks.
	Q-2 SAQ's-Answer any FIVE out of SIX	(5x6) =30 Marks
B LAQ (20 Marks)	Q-3 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
	Q-4 LAQ's-Answer any ONE out of TWO	(1x10) =10 Marks.
C MCQ (10 Marks)	Q-4 MCQ Answer ALL out of FIVE	(5x2) = 10 Marks
	TOTAL	80 Marks.

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics.
Average of total marks obtained to be considered for internal assessment.

A112 Supervised Practice

300 Total hours. (Credit 30)

Course Description

The students will observe and assist the senior acupuncturists. They will be well versed in all invasive and non-invasive techniques of acupuncture point stimulation.

Scheme of Council Examination

Distribution of maximum marks for the subject having 150 marks shall be as follows:

Examination	Marks
Council exam	-
Internal assessment (I. A)	150

Scheme of Internal Assessment

The marks to be given for Viva / Practical / Journal / Assignment, at the end of individual topics. Average of total marks obtained to be considered for internal assessment.