



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE

Permanently Affiliated to Thiruvalluvar University
Recognized by UGC under sections 2(f) and 12(B) of the UGC Act 1956

Accredited with "B" Grade by NAAC

Approved by the Government of Tamil Nadu

Phone:04174-235266 Email: principaliwc@gmail.com

www.islamiahwomensartsandsciencecollege.com

1.2.1 - Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc.

Information about each program, including its name, duration of the program, a list of students who have enrolled along with name and signature of students, curriculum of the program and assessment procedures

2018-2019

S.No	Particulars	Proof
01	DMLT	Link
02	Tally ERP9	Link
03	Islamic Studies (Urdu)	Link
04	Moral Values(Tamil)	Link

05	Tailoring	Link
06	Latex	Link
07	Soft Skill Training Program	Link
08	Fruits, Vegetable and Ice Carving	Link
09	Fevicryl Painting	Link
10	Social Networks	Link
11	Introduction to Internet of Things	Link

Information about program, it's name and duration of the program

2018-2019		
Name of Certificate/ Value added course offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed	Period (from date - to date)	Number of Students completing the course in the year
DMLT	18.09.2018-18.06.2020	21
Tally ERP9	16.09.2018-18.02.2019	62
Moral Values (Urdu)	28.06.2018 - 12.11.2018	56
Moral Values (Tamil)	17.09.2018 - 09.04.2019	151
Tailoring	03.01.2019-31.01.2019	37
Latex	04.03.2019-09.03.2019	62
Soft Skill Training Program	24.2.2019 - 4.3.2019	50
Fruits, Vegetable, and Ice Carving (Value Added Course)	20.1.2019 - 24.01.2019	156
Fevicryl-Painting	11.03.2019-14.03.2019	46
Social Networks (NPTEL)	Jan-Apr 2019	6
Introduction to Internet of Things	Jan-Apr 2019	2



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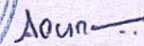
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PG DEPARTMENT OF BIOCHEMISTRY

DMLT STUDENTS NAME LIST-2017-2019

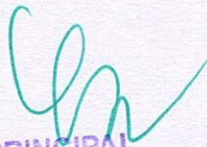
S.NO	NAME	YEAR	DEPARTMENT	SIGNATURE
1	NAVADEEPA	2017-2019	OUT GONE	Navadeepa
2	SAIMA	2017-2019	OUT GONE	Saima
3	V.SUDHA	2017-2019	OUT GONE	V. Sudha
4	MADIHA FARHEEN SHAIK	2017-2019	III Bio Chemistry	Madiha Farheen Shaik
5	T.LUBNA AFREEN	2017-2019	III Bio Chemistry	T. Lubna Afreen
6	P.MUSFIRA BARHEEN	2017-2019	III Bio Chemistry	Musfira Barheen
7	A.HAFSA TABASSUM	2017-2019	III Bio Chemistry	Hafsa
8	V.S.KANZUL MASNA	2017-2019	III Bio Chemistry	V.S. Kanzul Masna
9	V.AYSIHA SIDDIQUA	2017-2019	III Bio Chemistry	Ayesha Siddiqua
10	JAMBO KINZA SUMAN	2017-2019	III Bio Chemistry	Jambo Kinza Suman
11	CHOLAVARAM BUSHRA FATHIMA	2017-2019	III Bio Chemistry	Bushra
12	G.TOUSIYA NOUSHEEN	2017-2019	III Bio Chemistry	G. Tousiya Nousheen
13	A.M. AKSHAYA	2017-2019	III Bio Chemistry	Akshaya
14	G.KOWSALYA	2017-2019	III Bio Chemistry	G. Kowsalya
15	P.KAVITHA	2017-2019	III Bio Chemistry	Kavitha - P
16	A.NIVETHA	2017-2019	III Bio Chemistry	Nivetha
17	P.ARCHANA	2017-2019	III Bio Chemistry	Archana
18	P.SWAPNA	2017-2019	III Bio Chemistry	Swapna
19	S.GEETHA	2017-2019	STAFF	Geetha - S.
20	YAMUNA	2017-2019	OUT GONE	Yamuna
21	D.SUDHA	2017-2019	STAFF	D. Sudha


 HOD of Bio-Chemistry
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Diploma In Medical Laboratory Technology




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THE TAMIL NADIR DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI
REGULATIONS FOR DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

1. ELIGIBILITY FOR ADMISSION

i) Candidates belonging to all categories for admission to the **Diploma In Medical Laboratory Technology** should have passed the minimum education qualification is 12th science or equivalent schooling from recognized or University with any subjects.

2. AGE LIMIT FOR ADMISSION:

A candidate should have completed the age of 17 years at the time of admission or would complete the said age on or before 31st December of the year of admission to the **Diploma In Medical Laboratory Technology**

3. ELIGIBILITY CERTIFICATE:

The candidate who has passed 12th qualifying examinations other than HSS Examination conducted by the Government of Tamil Nadu, before seeking admission to any one of the affiliated institutions shall obtain an Eligibility Certificate from the University by remitting the prescribed fees along with application form, which shall be downloaded from the University website (www.tnmmu.ac.in)

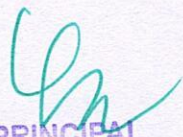
4. REGISTRATION:

A Candidate admitted in any one of the **Diploma In Medical Laboratory Technology** in any one of the affiliated institutions of this University shall register his / her name with this university by submitting the prescribed application form for registration duly filled, along with the prescribed fee and a declaration in the format to the Academic Officer of this University through the affiliated institution within 30 days from the cut-off date prescribed for the course for admission. The applications should have date of admission of the course.

5 MIGRATION/TRANSFER OF CANDIDATE:

(a) A student studying in **Diploma In Medical Laboratory Technology** can be allowed to migrate/transfer to another institution of Allied Health Science under the same or another University.




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(b) Under extraordinary circumstances, the Vice Chancellor shall have the powers to place any migration/transfer he/she deems fit before the Governing Council and get its approval for grant of permission/ratification for Migration/Transfer to the candidates undergoing the course of study in affiliated institutions of this University.

6. COMMENCEMENT OF THE COURSE:

The course shall commence from 1st August of the academic year.

7. MEDIUM OF INSTRUCTION:

English shall be the Medium of Instruction for all the Subjects of study and for examinations of the **Diploma In Medical Laboratory Technology**.

8. CURRICULUM:

The Curriculum and the syllabus for the course shall be as prescribed in these regulations and are subject to modifications by the Standing Academic Board from time to time.

9. DURATION OF THE COURSE:

The duration of certified study for the **Diploma In Medical Laboratory Technology** shall be over a period of two academic years.

10. RE-ADMISSION AFTER BREAK OF STUDY:

The regulations for re-admission are as per the University Common Regulation for Re-admission after break of study for all courses.


11. WORKING DAYS IN THE ACADEMIC YEAR:

Each academic year shall consist of not less than 240 working days.

12. ATTENDANCE REQUIRED FOR ADMISSION TO EXAMINATION:

- No candidate shall be permitted to appear in any one of the parts **Diploma In Medical Laboratory Technology** Examinations unless he/she has attended the course in the subject for the prescribed period in an affiliated institution recognized by this University and produce the necessary certificate of study, attendance and satisfactory conduct from the Head of the institution.
- A candidate is required to put in a minimum of 85% of attendance in both theory and practical separately in each subject before admission to the examinations.




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13 CONDONATION OF LACK OF ATTENDANCE:

There shall be no condonation of lack of attendance.

14 VACATIONS:

Public holidays are applicable.

15. INTERNAL ASSESSMENT MARKS:

The Internal Assessment should consist of the following points for evaluation:-

i) Theory

ii) Practical / Clinical

iii) Viva

(a) A minimum of two written examinations shall be conducted in each subject during a year and the best marks of the one performance shall be taken into consideration for the award of Internal Assessment marks.

(b) A minimum of one practical examination shall be conducted in each subject (wherever practical has been included in the curriculum) and grades of ongoing clinical evaluation to be considered for the award of Internal Assessment marks.

16. CUT-OFF DATES FOR ADMISSION TO EXAMINATIONS:

(i) 30th September of the academic year concerned


(ii) The candidates admitted up to 30th September of the academic year shall be registered to take up the 1st year examination during August of the next year.

(iii) All kinds of admission shall be completed on or before 30th September of the academic year. There shall not be any admission after 30th September even if seats are vacant.

17. DURATION:

Course Duration	- 2 years
Weeks per year	- 52 weeks
Vacation	- 2 weeks
Hours per week	- 30 hours
Hours per academic year	- 1440 hours
No. of working days per year	- 240 days




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18. COMMENCEMENT OF THE EXAMINATIONS:

1st August / 1st February

If the date of commencement of examination falls on Saturdays / Sundays or declared Public Holidays, the examination shall begin on the next working day.

The University paper will be awarded for 100 marks and Internal 50 marks.

19. MARKS QUALIFYING FOR PASS:

50% of marks in the University Theory Examinations

50% of marks in the University Practical Examinations

50% of marks in the subject where internal evaluation alone is conducted

50% of marks in aggregate in Theory, Practical I.A. & Oral taken together

20. CARRY OVER OF FAILED SUBJECTS:

(1) A candidate has to pass in theory and practical examinations separately in each of the paper

(2) If a candidate fails in either theory or practical examinations, he/she has to reappear for both (theory and practical)

(3) The candidate has to successfully complete the course in double the duration of the course (i.e. 4 years from the date of joining)

22. PRACTICAL EXAMINATION


Maximum number of candidates for practical examination should not exceed 25 per day. An examiner should be a lecturer or above in any of the affiliated institutions of Allied Health Sciences.

23. NUMBER OF EXAMINERS One internal and one external examiner should jointly conduct practical/ oral examination for each student

24. REVALUATION/RETOTALLING OF ANSWER PAPERS:

Revaluation / Retotalling of answer papers is not permitted.



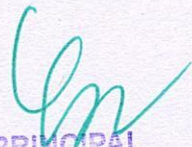

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SYLLABUS-DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY
BRIEF SUBJECT TITLE TO BE COVERED

Main subjects	Internal subjects
First year	
Anatomy & Physiology, Biochemistry	Spoken English & Communication
Fundamentals of Medical laboratory Technology, Microbiology	Basics of Computer
Second year	
Clinical biochemistry, Pathology & Histopathology	
Haematology and Blood and bank	

NOTE: For the supportive subjects Internal Examination to be conducted by the institute conducting the course and marks should be submitted to the University.




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THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI - 32

SYLLABUS FOR DIPLOMA IN MEDICAL LABORATORY

I YEAR

PAPER I

Paper I- Human biology and Fundamental of medical laboratory technology

ANATOMY, PHYSIOLOGY & BIOCHEMISTRY

Total Theory: 150 hrs

Total Practical: 50 hrs

ANATOMY & PHYSIOLOGY

Module 1: Introduction to anatomy

Scope of Anatomy and Physiology - Definitions and Terms in Anatomy and Physiology- Structure and function of human cell - Elementary tissues of human body- Brief account on Composition of Blood - functions of blood elements - Blood Group and coagulation of blood.

Module 2: Cardio Vascular System

Structure and functions of various parts of the heart, arterial and venous system, brief account on common cardiovascular disorders

Module 3:Respiratory System

various parts of respiratory system and their functions, Physiology of Respiration

Module 4: Digestive System

names and various parts of digestive system-Liver, Spleen, Gall Bladder, Pancreas, Buccal Cavity, Pharynx, Oesophagus, Stomach, intestine etc.-physiology of digestion and absorption


Module 5: Urinary System

various parts of urinary system and its function-structure and function of kidneys-physiology of urine formation - pathophysiology of renal disease and edema

Module 6: Reproductive System

physiology and anatomy of Male & Female reproductive system-Prostate & Uterus & Ovaries etc




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Module 7: Musculoskeletal System

Classification of bones & joints, structure of skeleton –structure of skeletal muscle – physiology of muscle contraction

Module 8: Nervous System

various parts of nervous system- Brain and its parts –functions of nervous system - Spinal Cord & Nerves

Module 8: Ear, Nose, Throat and Eye

Elementary knowledge of structure and functions of organs of taste, smell, hearing, vision

Module 9: Endocrine System

Endocrine glands ,their hormones and functions-Thyroid, Parathyroid, Suprarenal, Pituitary, pituitary and Thymus

Module 10: Haemopoietic and Lymphatic System

Name of the blood vessels & lymph gland locations

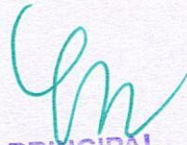
Module 11: Surface Anatomy & Surface Markings of Human Body**Practical's**

- Study of Human Skeleton parts with skeletal models..
- Study with charts and models of all organ systems mentioned above.
- Microscopic slides examination of elementary human tissues, cells.

REFERENCES

1. Solomon. E.A., (2008) Introduction to Human Anatomy and Physiology 3rd Ed, Saunders: St Louis.
2. Chaurasia, B.D., & Garg, K., (2012) *Human Anatomy Regional and Applied*. CBS Publications: New Delhi
3. T.S. Ranganathan – *A text book of Human Anatomy*
4. Fattana, Human anatomy (Description and applied) *Saunders & C P Prism Publishers*, Bangalore – 1991




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BIOCHEMISTRY**Course Hours (Theory): 30 hrs****Course Hours (Practicum): 20 hrs****COURSE OBJECTIVES:** On completion of this course the students will be able to:

1. Define biochemistry and explain the major complex biomolecules of the cell.
2. Enumerate the chemical structure, classification and functions of proteins, lipids and carbohydrates.
3. Comprehend the classification & function of nucleic acids and enzymes.
4. Explain the biochemical structure of vitamins, its classification and the functions of vitamins and minerals.
5. List the various hormones, its action and function.
6. Describe acids and bases, the mechanism of homeostasis and acid base balance

BIOCHEMISTRY**Module 1: Carbohydrates**

Glucose and Glycogen Metabolism

Module 2: Proteins:

Classification of proteins and functions

Module 3: Lipids:

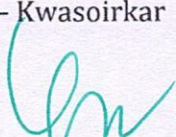
Classification of lipids and functions

Module 4: Enzymes

Definition – Nomenclature – Classification – Factors affecting enzyme activity – Active site – Coenzyme – Enzyme Inhibition – Units of enzyme – Isoenzymes – Enzyme pattern in diseases.

Module 5: Vitamins & Minerals:

Fat soluble vitamins(A,D,E,K) – Water soluble vitamins – B-complex vitamins- principal elements(Calcium, Phosphorus, Magnesium, Sodium, Potassium, Chlorine and sulphur)- Trace elements – Calorific value of foods – Basal metabolic rate(BMR) – respiratory quotient(RQ) Specific dynamic action(SDA) – Balanced diet – Marasmus – Kwashiorkor



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Module 6 : Acids and bases:

Definition, pH, Henderson – Hasselbalch equation, Buffers, Indicators, Normality, Molarity, Molality

BIOCHEMISTRY SYLLABUS FOR PRACTICALS

- 1 Benedict's test
2. Heat coagulation tests

REFERENCES

1. Teitz, *Clinical Chemistry*. W.B. Saunders Company Harcourt (India) Private Limited New Delhi.
2. Vasudevan D. & Sree Kumari S., *Text Book of Bio Chemistry for Medical Students*, Jaypee Brothers, New Delhi.
3. Biochemistry, U. Satyanarayan, Books and Allied (P) Ltd. Kolkata-India
4. Das Debajyothi, *Biochemistry*, Academic Publishers Calcutta.

FUNDAMENTALS OF MEDICAL LABORATORY TECHNOLOGY & MICROBIOLOGY

Course Hours (Theory): 200 hrs

Course Hours (Practicum): 100 hrs

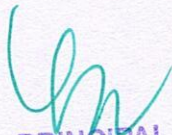
Module 1: Introduction to Clinical laboratory

Basic laboratory principles - Code of conduct of medical laboratory personnel

The use of the laboratory - Basic laboratory principles - Code of conduct of medical laboratory personnel -Organization of clinical laboratory and role of medical laboratory technician - Safety measures - Medical laboratory professional and professionalism in laboratory workers - clinic borne infection and personnel hygiene

Module 2 Common Laboratory Equipment's Incubator, Hot Air Oven, Water Bath - Anaerobic Jar, Centrifuge, Autoclave -Microscope - Fundamentals of Microscopy, Resolution & Magnification, Light Microscopy, Electron Microscopy- Glassware - Description of Glassware, its use, handling and care




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Module 3: Basic Steps for Drawing A Blood Specimen

Requirement of Blood Collection - Blood collection - Phlebotomy - Sampling errors - Collection and preservation of biological fluids - Anticoagulants - Preservation of samples - Chemical preservatives - Process of analysing the specimens - The laboratory report.

Module 4: Preparation of Reagents & Quality control

Buffer and pH- Preparation of reagents : Normal , per cent and Molar solution - normal saline -Methods of measuring liquids- Clinical Laboratory records- Modern Laboratory set up - Quality control: Accuracy, Precision, and Reference values.

Module 5: Manual Vs Automation in Clinical Laboratory

Types of analyzers - Semi-auto analyzer - Batch analyzer - Random Access autoanalyzers. Steps in the automated systems - Responsibilities of a technician in the maintenance of the analyzers.

Module 6: Characteristics of laboratory Substances

The chemical composition, structure, and properties of substances. The chemical processes and transformations that they undergo including the use of chemicals and their interactions, danger signs, production techniques, and disposal methods

MICROBIOLOGY& IMMUNOLOGY (Theory Outline)**Module I. Introduction and brief history of Microbiology**

Historical Aspect -Branches of Microbiology-Prokaryotic Organisms - Prokaryote Vs Eukaryote-Cell Wall, Structures external to Cell Wall, Structures internal to Cell Wall, Spores.-Eukaryotic Organisms - Structure of eukaryotes, Characteristics of eukaryotes,

Module II. Common Laboratory Equipments

Incubator, Hot Air Oven, Water Bath - Anaerobic Jar, Centrifuge, Autoclave -Microscope - Fundamentals of Microscopy, Resolution & Magnification, Light Microscopy, Electron Microscopy- Glassware – Description of Glassware, its use, handling and care


Module III. Sterilization

Definition -Classification and General Principle of Sterilization

Module IV. Antiseptics & Disinfectants

Definition -Types - Mode of Action - Uses




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Module V: Growth and cultivation of Microorganisms.

Nutritional requirement of microorganisms-Types of media-Microbial growth and growth curve-Collection, Transportation and processing of clinical samples for Microbiological investigations.

Module VI: Bacteriology

Definition - Bacteria - General characteristics of Bacteria -Classification and morphology of Bacteria - Staphylococcus, Streptococcus, Pneumococcus, Neisseria gonorrhoea, Neisseria meningitis, Corynebacterium diphtheriae, Mycobacterium, Clostridium, E.coli, Klebsiella, Salmonella, Proteus, Pseudomonas, Vibrio & Spirochaetes with reference to their : - Morphology, cultural characteristics, biochemical reaction, pathogenesis/disease caused & lab diagnosis.

Module VII Virology :

Definition - General Introduction of Virus - Physicochemical characteristic of Viruses - Isolation of Viruses in Laboratory by tissue culture -Cell and tissue culture technology - Embryonated Egg - Principles of animal cell culture and their use in Virology - Retro viruses - HIV, Hepatitis virus , Pox virus , Picorna virus - Polio - Orthomyxo virus - Influenza - Arbo virus - Chikungunya, Dengue - Herpes and Adeno virus with reference to their mode of infection, pathogenesis and diagnosis-Bacteriophages

Module VIII Parasitology :

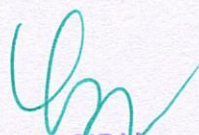
Introduction of parasitology and classification

- Protozoa - Rhizopoda - Mastigophora (Haemoflagellates, Intestinal and genital flagellates)- Sprozoa (Malarial parasite, Toxoplasma)- Helminthes -Nematodes (Ascaris, Hookworm, Whipworm, pinworm, strongyloides trichinella, Filaria,Dracunculus medinensis) - Cestodes (Taenia Saginata, T. Sclium, Echinococcus, D. atum, Hymenolepis nana)Trematodes

Module IX Mycology

Definition - Structure - Classification-Cutaneous & Sub cutaneous and Systemic Mycosis - Opportunistic fungal infections -Diagnosis of fungal infections.




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Module X Immunology:


Introduction -Non specific resistance to infection -Specific immunity. Antigens. Antibodies- Structure and function.- Complement and antigen-antibody reaction. Hybridoma and Monoclonal antibodies.

Applied immunology -Hypersensitivity. -Autoimmunity. -Transplantation and Tumour immunity.

MICROBIOLOGY & IMMUNOLOGY (Practicum Outline)

1. Use and care of microscopes.
2. Measurement of microbes by micrometry.
3. Simple staining methods and gram stains
4. Special staining methods – capsule, spore, acid fast, Metachromatic etc,
5. Tests for motility in bacteria.
6. Preparation of media.
7. Using of autoclave hot air oven, other common laboratory equipment etc.
8. Disinfection practices in laboratory and wards.
9. Assay for disinfection.
10. Techniques of cultivation of bacteria.
11. Isolation of bacteria from clinical specimens.
12. Biochemical testing – Catalase, oxidase, citrate, urease, TSI,Carbohydrate fermentation,MR VP, Indole
13. Purification of microbial cultures.
14. Standard Plate Count.
15. Antibiotic sensitivity test
16. Isolation, Characterization and identification of pathogens from various clinical specimens.
17. Techniques in tissue culture.
 - a. Demonstration of Cytopathogenic effect (CPE)
 - b. Haemagglutination test.
 - c. Haemagglutination inhibition test.
 - d. Viral Serology,PCR




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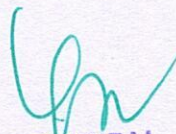
2. Mycology:

- a. Lactophenol blue staining.
 - b. KOH Preparation.
 - c. Morphology of fungi.
 - d. Yeasts.
 - e. Culture demonstration of contaminants- Aspergillus, Penicillium, Mucor, Rhizopus
 - f. Dermatophytes.
 - g. Dimorphic fungi.
3. Study of antibiotic sensitivity of common pathogens
 4. Examination of stool for parasites.
 5. Culture techniques for parasites

FUNDAMENTALS OF MEDICAL LABORATORY TECHNOLOGY (practicum)

1. Handling common laboratory equipment's
2. Preparation of various reagents.
3. Responsibilities of a technician in the maintenance of the analyzers.
4. Use and care of microscopes.
5. Measurement of microbes by micrometry.
6. Simple staining methods and gram stains
7. Special staining methods – capsule, spore, acid fast, Metachromatic etc,
8. Tests for motility in bacteria.
9. Preparation of media.
10. Using of autoclave hot air oven, other common laboratory equipment etc.
11. Disinfection practices in laboratory and wards.
12. Assay for disinfection.
13. Techniques of cultivation of bacteria.
14. Isolation of bacteria from clinical specimens.
15. Biochemical testing – Catalase, oxidase, citrate, urease, TSI, Carbohydrate fermentation, MR VP, Indole
16. Purification of microbial cultures.



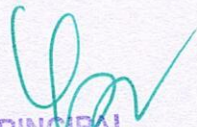

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17. Standard Plate Count.
18. Antibiotic sensitivity test
19. Isolation, Characterization and identification of pathogens from various clinical specimens.
20. Techniques in tissue culture.
 - a. Demonstration of Cytopathogenic effect (CPE)
 - b. Haemagglutination test.
 - c. Haemagglutination inhibition test.
 - d. Viral Serology, PCR
21. Mycology:
 - e. Lactophenol blue staining.
 - f. KOH Preparation.
 - g. Morphology of fungi.
 - h. Yeasts.
 - i. Culture demonstration of contaminants- Aspergillus, Penicillium, Mucor, Rhizopus
 - j. Dermatophytes.
 - k. Dimorphic fungi.
22. Study of antibiotic sensitivity of common pathogens
23. Examination of stool for parasites.
24. Culture techniques for parasites

REFERENCE BOOKS:

1. Fischbach, 2005. Manual of lab and diagnostic tests, Lippincott Williams Wilkins, New York.
2. Gradwohl, 2000. Clinical laboratory methods and diagnosis. (ed) Ales C. Sonnenwirth and Leonard Jarret, M.D.B.I., New Delhi.
3. J Ochei and Kolhatkar, 2002. Medical laboratory science theory and practice, Tata McGraw- Hill, New Delhi.
4. Kanai L. Mukherjee, 2007, Medical laboratory technology Vol.1. Tata McGraw Hill.




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PAPER – II CLINICAL BIOCHEMISTRY, PATHOLOGY AND HISTOPATHOLOGY**Course Hours (Theory): 200 hrs****Course Hours (Practicum): 100 hrs****COURSE OBJECTIVES:** On completion of the course the students will be able to:

1. Describe the organization of a clinical biochemistry lab.
2. List the various tests done in a clinical biochemistry lab.
3. Enumerate on the various equipments in the clinical biochemistry laboratory.
4. Perform independently estimation of triglycerides, estimation of liver function tests and other clinical biochemistry tests.
5. Maintain independently the various equipments in the biochemistry laboratory.

Module 1: Introduction to clinical biochemistry

Definition of bio-chemistry, use of biochemical tests-the application of biochemistry in hospital setting.

Module 2: Photometry

Introduction and definition of photometry. Colorimetry - Lambert Beer's Law - Parts of photo colorimeter

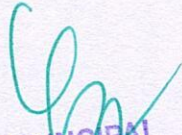
Module 3: Electrophoresis & Chromatography

Introduction and General principle of Electrophoresis: Forces acting on the component in an electrophoresis system - Factors affecting the electrophoresis - Types of Electrophoresis - Applications - Separation of Serum Proteins by Agar Gel Electrophoresis. Chromatography Technique: General principle - Classification of chromatography - Principle of partition chromatography - Procedure - Other Chromatographic Techniques - Adsorption chromatography - Thin layer chromatography - Gas-liquid chromatography - Ion-exchange chromatography - Gel filtration chromatography - Affinity chromatography - HPLC (High performance liquid Chromatography)

Module 4: Evaluation of organ function test

Function of liver in health and disease: Jaundice, Hepatitis; liver function test. Assessment and clinical manifestation of renal, hepatic, pancreatic, gastric & intestinal function, enzyme of pancreatic origin and biliary tract, test of myocardial infarction.




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Module 5: Enzymes as clinical diagnostic tools.

Endocrinal disturbance: protein hormones and hormones of hypothalamus, pituitary, thyroid and steroid hormones- **In born errors in metabolism:** Introduction, Metabolic disorders of carbohydrates- galactosemia, glycogen storage disease, deficiency of glucose-6-phosphate dehydrogenase, Hypoglycemia, Diabetes mellitus. Metabolic disorder of lipid: Tay-Sachs disease, Nieman Pick disease. Metabolic disorder of amino acid: phenylketonuria, alkaptonuria, Maple syrup urine disease. Metabolic disorder of nucleotides: gout, Lesch-Nyhan Syndrome.

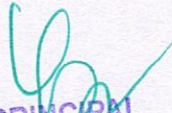
Module 6: Antibiotics

Classification. Primary mode of action of penicillin, streptomycin, chloramphenicol, tetracycline, actinomycin D, mitomycin C, polyenes, mechanism of antibiotics resistance, multiple drug resistance.

Module 7: Histology

Introduction - Tissue Preparation - Receipt of specimens - Labeling of specimens with numbering - Fixation - Aims and functions of a fixative - Classification of fixatives - Simple fixatives - Compound fixatives - Micro anatomical fixatives - Cytological fixatives - Histochemical fixatives - Post-chromatization - Fixation of specimens - Fixation for individual tissues - Dehydration - Ethyl alcohol - Acetone - Isopropyl alcohol - Dioxane - Clearing (Dealcoholisation) - Cedar wood oil - Benzene - Xylene - Chloroform - Embedding Media - Paraffin wax - Paraplast - Paraplast plus - Gelatin - Water soluble waxes - Celloidin - Techniques of impregnation - Embedding or Blocking - Type of mould - Techniques of moulding - Decalcifying Agents - Selection of the tissues - Determination of end point - Neutralization of acid - Washing - Decalcifying agents - Use of ion exchange resins - Chelating agents - Electrophoretic decalcification - Treatment of hard tissues - Section Cutting: Microtomes, Microtome knives, Sharpening of knives, Care of microtome knives - Techniques of section cutting - Mounting of Sections - Automatic Tissue Processor (Vacuum) - Application of Microwave Technology to Histology - Principle - Applications




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Module 8: Handling and Embedding of Tiny Tissue Biopsies

Introduction - Labeling of Tissues - Fixation and Cutting of Small Biopsies - Renal biopsies - Intestinal biopsies - Skin biopsies - Muscle biopsies - Other tissues - Orientation of Tissue Blocks

Module 9: Staining Techniques

Routine staining techniques - Special Stains

Module 10: Frozen Technique

Introduction - Frozen Section – Overview - Use of Freezing Microtome – Fixation - Freezing Microtome - Fixing sections on slides - Staining of frozen sections (rapid staining) - Advantages and disadvantages - Frozen Sections Using Cryostat – Uses - The Cryostat - LEICA CM 1850 Cryostat - The components - Set up of instrument prior to operation - Operation of the Cryostat - Terminating work - Trouble shooting - Cleaning, disinfection, maintenance - Staining of Frozen Sections for Rapid Diagnosis


Module 11: Cytotechnology

Introduction - Specimen Collection - Specimen samples - Fine needle aspiration cytology (FNAC) – Preservation - Fresh specimen - Prefixation refers - Preparation of Smears - Viscid Secretions - Body fluids – Sputum - Precautions against infections – Fixation - Fixation method falls into one of 3 categories - Alcohol fixatives - Unstained smears which require to be mailed to a cytology laboratory – Staining - Papanicolaou method - Maygrunwald giemsa (MGG) stain - Mounting - Destaining Procedures - Automation
Mass screening methods for early detection of cancer, Sputum examination

Module 12: Examination of Urine

Introduction – Formation of urine, Collection of Urine - Special type of collection of urine - Biohazard management - Components of routine urine analysis - Colour - Clarity - Odour - Volume - Chemical Examination - Sugar in Urine - Tests for Sugar In Urine - Benedict's Test - Fehling's test - Chemistrip method - Protein in Urine - Test for Protein in Urine - Heat and Acetic Acid Test - Sulphosalicylic Acid Test - Heller's Test. - Heat and Acetic Acid Test - Ketone Bodies in Urine - Test for Ketones in Urine - Rothera's Test - Gerhardt's test - Bile in Urine - Test for Bilirubin - Fouchet's Test - Test for Bile salts - Hay's Test - Blood in Urine -




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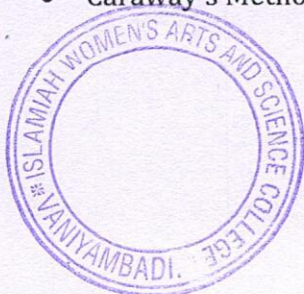
Test for Hematuria - Benzidine Test - Guaiacum Test - Gregersen's Test. Microscopic Examination of Urine: Crystals Found In Urine - Crystals Found In Acid Urine - Uric Acid & Urates - Calcium oxalates in Crystals - Cystine Crystals - Leucine and tyrosine crystals - Drug crystals - Crystals Found In Alkaline Urine - Ammonium magnesium phosphates - Dicalcium phosphates - Calcium carbonate - Ammonium biurate - Casts In Urine - Cells in Urine:- Red Blood cells, Pus cells, Epithelial cells, Spermatozoa, Bacteria, Tumour cells

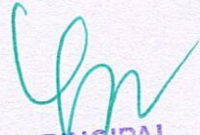
Examination of stool- physical, chemical & microscopic examination

Module 13: Body Fluids: Characteristics of Cerebrospinal Fluid. - Synovial fluid - Pleural fluid - Pericardial fluids - Peritoneal fluids-Semen analysis- physical, chemical & microscopic examination, sperm count,motility,

CLINICAL BIOCHEMISTRY (Practicum)

- Glucose Determination - Body Sources Of Glucose - the Clinical Significance Of Abnormal Blood Sugar Levels - The Glucose Oxidase Method Of Glucose Determination -The Colorimetric Method--Ortho-Toluidine - The Glucose Tolerance Test (GTT) - Glycated Hemoglobin
- Enzymatic using urease - 'Neseler's Method - Berthelot Reaction - In the urease/glutamate dehydrogenase method - Kinetic Method - GLDH method - Colorimetric Method - Diacetyl Monoxime Method - Estimation of Serum Creatinine
- Biuret Method
- Bromocresol Green Method
- Modified Reitman & Frankel Method
- King & King Method
- Jaundice - Biochemical tests - Unconjugated Hyperbilirubinaemia (Retention Jaundice - Haemolytic (Pre-hepatic Jaundice) - Non haemolytic - Conjugated Hyperbilirubinaemia (Regurgitation Jaundice)
- Lipid profile - Total lipids - Phospholipids
- Sackett's Method
- Estimation of Serum HDL cholesterol
- Method of Fiske and Subbarow
- Caraway's Method of Estimation - Hyperuricaemia - Hypouricaemia





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- Collection of specimen and its preservation - Preservatives used - Physical examination of urine - Colour - Appearance - Turbidity - Specific gravity - Volume - Polyuria - Oliguria - Anuria - PH - Chemical Examination - Proteins - Glucose / Reducing Substances - Ketone Bodies - Blood - Bilirubin - Urobilinogen -Tests - For Proteins - Heat test - TCA test - For Sugars - Benedict's Tests - For Blood/Haemoglobin - Benzidine test - For Ketone bodies: Rothera's nitroprusside test - Gerhardt's Test. For Bile Salts: Hay's Test - For Bile Pigments - Fouchet's Test
- Collection- Appearance-Analysis of Cerebrospinal fluid- Synovial Fluid- Pleural Fluid- Pericardial Fluid- Peritoneal Fluid- Seminal Fluids- Needle aspiration Cytology- Discharge from any site. Determine the presence of normal or abnormal components-Know what is implied by the presence of abnormal constituents in body- Reporting of abnormal constituents. Relevant legislation, standards, policies, and procedures followed in the hospital.
- Assessment of the patient- Preparation of patient for the procedure-Education of the patient for the procedure- Procedure-Measures for the prevention of infection

HISTOPATHOLOGY (Practicum)

- Fixatives
- Processing Of the Tissues Including Bone
- Embedding
- Section Cutting
- Staining & mounting
- Special stains
- Handling and embedding of tiny tissue biopsies
- Frozen section technique
- Techniques Equipments & Procedures
- Specimen Collection and Preparation
- Staining Procedure and Mounting
- Preparation of Fluids for Cytological Examination
- Paraffin section cutting.
- H & E staining




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- Special staining
- PAS staining, principle&uses.
- Reticulin
- PTAM
- Van gerson
- Amyloid stain, pearl stain
- Melanin bleach& masson's Fontana
- AFB staining (TB and Leprosy)
- Pap staining
- MGG staining for enac
- Museum techniques
- Preparation of mounting medium & mounting of specimen-

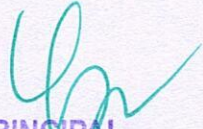
Pathology (practical)

- Examination of Urine – Physical, chemical and microscopic
- Examination of Body fluids
- Semen Analysis
- Stool Examination

REFERENCES

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2. KAPLAN, *Clinical Chemistry*, Mosby Company, St. Louis Washington, D.C. Toronto.
3. Biochemistry, U. Satyanarayan, Books and Allied (P) Ltd. Kolkata-India
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BLOOD BANK SERVICES & HEMATOLOGY

Course Hours (Theory): 200 hrs

Course Hours (Practicum): 100 hrs

COURSE OBJECTIVES: On completion of the course the student will be able to:

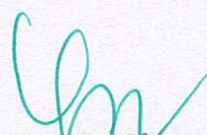
1. Explain the principles involved with antigen and antibodies reaction.
2. Discuss the concept of antigens, antibodies structure and function
3. Differentiate primary and secondary immune response in vivo.
4. Recognize antigen/antibody reactions and their application to immunohematology
5. Explain the principle of agglutination, fixation, precipitation and hemolysis
6. Classify ABO and Rh blood group system
7. Discuss the theory involved in the performance of ABO testing methods
8. Describe the importance of the Rh system in compatibility testing
9. Determine the safety of blood components for transfusion
10. Discuss the importance of serological testing of blood components prior to transfusion.
11. Enumerate the phases of the compatibility test
12. Comprehend the principle and application of the Coombs test
13. Perform safely cross matching for blood compatibility
14. List the methods of preservation of blood and blood products with the time period for each.

BLOOD BANK SERVICES

Module 1: Blood Grouping

Introduction- Human Blood Group system- ABO Subgroups- Red Cell Antigen- Natural Antibodies-Rh System- Rh Antigens & Rh Antibodies-Hemolytic Disease of Newborn & Prevention- Principal of Blood grouping, antigen-antibodyreaction-Agglutination, Haemagglutination, Condition required for antigen antibody reaction- Blood grouping techniques, Cell grouping, Serum grouping-Methods for ABO grouping. Slide & Tube Method, Cell grouping, Serum grouping, Rh grouping by slide & tube method-Difficulties in ABO grouping- Rouleaux formation, how it interfere with Blood grouping-Auto agglutinins - Antiserum used in ABO test procedures, Anti -A, Anti-B Anti- AB Antiserum-Inheritance of




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the Blood groups-Control, A&B Cells preparation, Auto control-Medical applications -f
Blood groups.

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Module 2: Blood Transfusion

Principal & Practice of blood Transfusion-Blood Transfusion service at District level- Guide lines for the use of Blood, Appropriate use of Blood, Quality Assurance-Antilogous Blood Transfusion practices-Objectives of Quality Assurance in Blood Transfusion services, Standard operating procedures for usage, donation & storage of blood, screening of donor, compatibility testing, safety, procurement of supplies.

Module 3: Blood Donation

Introduction -Blood donor requirements - Criteria for selection & rejection-Medical history & personal details -Self-exclusion-Health checks before donating blood-Screening for TTI.
4. Blood Collection -Blood collection packs-Anticoagulants-Taking & giving sets in Blood transfusion-Techniques of collecting blood from a donor- Instructions given to the donor after blood donation-Adverse donor reaction.

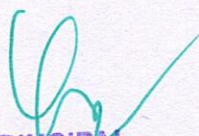
Module 4: Testing Donor Blood

Screening donor's blood for infectious agents - HIV, HCV, HBV, Trepanoma palladium, Plasmodium, HTLV-Bacterially contaminated Blood.

Module 5: Blood Donor Records

Blood donation record book-Recording results- Blood donor card- Documentation in blood bank- Types of documents. Blood bank temperature sheet. Blood bank stock sheet. Blood transfusion request form-Record Maintenance- Period of record archival- Process information by compiling, coding, categorising, calculating, tabulating, auditing or verification of data- The standard protocol for documenting the data in the patient's files and in the computer for future records- Evaluate the completeness of patient data- Monitor quality control data to rapidly identify analytical deficiencies- Document errors and note the remedial actions they have taken




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Module 6: Storage, preservation & Transport of blood

Storage of Blood and its components - Whole Blood - Platelets - Leucocytes - Plasma - Fresh Frozen Plasma- Anticoagulant & Preservatives -- Whole Blood - Red Cells - Red Cells-Frozen State - High glycerol solution. - Low glycerol solution. - Changes in blood after storage-labelling of blood units-Gas refrigerator-Lay out of a blood bank refrigerator Packing and Transportation.

Module 7: Compatibility Testing

Purpose - Single tube compatibility techniques using AHG reagent.- Emergency compatibility testing-Difficulties in cross matching- Labeling & Issuing cross- matched blood.

Module 8: Blood Components

Collection of blood components for fractional transfusion-Platelets packed Red Cell, Platelet rich Plasma, Platelets concentrate-Preparation of concentrated (packed) Red cells- Techniques of preparation.

Module 9: Blood Transfusion Reactions

Investigation of a Transfusion reaction-Hemolytic transfusion reaction-Actions to take when transfusion reaction occurs.

Module 10: Introduction to Haematology

What is a blood - Components of blood - Functions of blood - Components of Blood

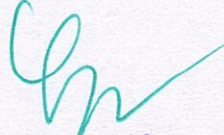
Module 11: Maintenance and Equipments of Haematology Lab

Introduction to a microscope - Parts of a microscope - Centrifuge - Automated Cell Counter - Urine Analyser - Maintenance of equipments in the hematology lab - Coagulometer Responsibilities of a lab technologist

Module 12: Principles of patient care

Assessment of a patient and brief history collection. Collection of blood, sputum, urine and stool specimens, packing of equipments for CSSD, Develop specific goals and plans to prioritise, organise, and accomplish work




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Module 13: Collection of Blood Samples

Specimen Collection - Methods - venipuncture - Patient Identification - Site selection - Tourniquet application - Cleansing the Venipuncture site - Sample Collection - Specimen Collected by skin puncture - Collection from indwelling catheters- Use basic non-automated tests to assess blood cells- See and analyse details at close range- Collect, receive and conduct a pre-analytical processing of clinical laboratory specimens.

Module 14: Coagulation Studies

Hemostasis - Definition, Basic concept and principle, Basic steps involved in Hemastosis. Coagulation - a. Basic Physiology, coagulation factors. b. Mechanism of blood coagulation. Extrinsic Pathway, Intrinsic Pathway. Regulators of blood coagulation. Role in Diseases, Bleeding disorders- . Platelet disorder - Thrombocytopenias - causes including aplastic anemia. DIC ITP, Hemophilia

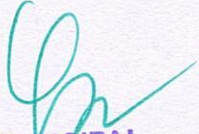
Module 15: Hematological Disorders

Classification of Anemia : Morphological & etiological. Iron Deficiency Anemia : Distribution of body Iron, Iron Absorption, causes of iron deficiency, lab findings. Megaloblastic Anemia : Causes, Lab findings. Hemolytic Anemia : Definition, causes, classification & lab findings. Bone Marrow : Cell composition of normal adult Bone marrow, Aspiration, Indication, Preparation & Staining, Special Stain for Bone Marrow -Periodic Acid Schiff, Sudan Black, Myeloperoxidase. Leukemia : Classification, Blood Picture, Differentiation of Blast cells

Module 16: Basic Haematological diagnosis

Preparation of Blood Smears - Specimen - Advantages of EDTA blood - Disadvantages of EDTA blood - Blood Smear Method - Cover slip method - Spreader slide method - Wedge method - Characteristics of a Proper Wedge Film - Types of Smear - Thick Smear - Thin Smear - Common causes of a poor blood smear - Biological (in diseased condition) causes of a poor smear - Precautions - Drying of Smears - Staining Of the Blood Films - Preparation of Stains - Leishman's stain - Wright's Stain - Field's stain - Romanowsky stains - Steps for staining - Manual staining methods - Rack method - Dip method. Automated staining methods: - Platen type - Carousel type. Criteria for a good stain: Problem encountered during staining – Troubleshooting




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Total Cell Count – Rbc, Wbc, Platelets and Absolute Eosinophil Count, Estimation of Hemoglobin PCV & Erythrocyte Indices - M.C.V. - M.C.H - M.C.H.C - methods and process of estimation, Erythrocyte Sedimentation Rate [E.S.R.] - Westergren Method - Factors Influencing Sedimentation - Laboratory factors which influence ESR - Importance of ESR Reticulocyte Count , Differential Count , Bleeding time, clotting time, prothrombin time,

Module 17: General principle of hospital practice

Hospital structure and organization, Care of Patient, Basic Assessment Skills, First aid & Basic Life Support, Maintenance of Hygiene & Infection Control Practices, Principles of asepsis, Maintenance of Medications in the department, Specialized Investigations - Care of Patients, Medico - Legal Issues


BLOOD BANK SERVICES (Practicum)

- Screening of donors.
- Preparation of anticoagulant fluids
- Grouping of blood.
- Cross matching of blood samples.
- Coomb's test, ELISA Test
- Screening of HbS .Ag. HIV and HCV and rapid kit methods
- Antiglobulin Test
- Dat
- Ict
- Saline Cross-Matching
- Albumin Cross Matching
- Enzyme Cross Matching
- Antiglobulin Test (Ahg)
- Bio safety Precautions and Guidelines
- Abo Blood Grouping Procedure
- Slide or Tile Method, Tube Method, Microplate Method, Micro-Typing System (Diamed/Bioview), Automated or Semi-Automatic Instrumentation

HEMATOLOGY (Practicum)

- Collection of Blood Samples



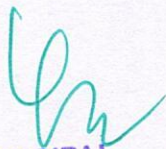

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- Obtaining peripheral Blood Smear
- Staining Of Blood Smear
- Obtaining Cell Counts – Rbc, Wbc, Platelets both manual and automated
- Absolute Eosinophils Count
- Estimation of Haemoglobin
- Packed Cell Volume, Erythrocyte Indices
- Reticulocyte Count
- Differential Count
- Bleeding Time
- Clotting Time
- Pt
- Aptt

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2. Satish Gupta Short text book of Medical Laboratory for technician J.P. Bros, New Delhi
3. [Shirley Mitchell Lewis](#), [Barbara J. Bain](#), [Imelda Bates](#) (2006) Dacie And Lewis Practical Haematology, 10th Ed, Churchill Livingstone/Elsevier.
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Dr. HANNAH, M.D. (GEO)
PRINCIPAL

Mr. B. JAMES PONNUDURAI
DIRECTOR

Mrs. JOSEPHI
TREASURER

PG DEPARTMENT OF BIOCHEMISTRY CERTIFICATE COURSE

ON

DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

ACADEMIC YEAR : 2017-2019

DURATION OF COURSE: 2 YEARS

ASSESSMENT PROCEDURE

i) Certificate course will be conducted on "DIPLOMA IN
MEDICAL LABORATORY TECHNOLOGY" For 2 Years

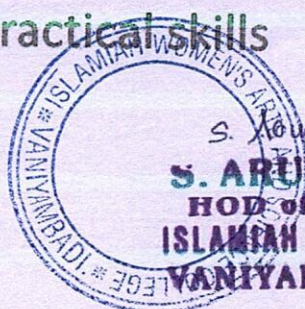
ii) Marks will be awarded based on the following criteria.

Fill in the blanks	15 * 1 = 15 Marks
Answer the following	5 * 2 = 10 Marks
Answer the following (5 Out of 6)	5 * 3 = 15 Marks
Answer the Briefly for 6 Questions	6 * 5 = 30 Marks
Write a long answer for any 2 Questions	2 * 15 = 30 Marks

Maximum: 100 Marks

iii) Certificates will be awarded to the participants who score minimum 40% of marks.

iv) Training as per the syllabus given in both Theory and
Practical skills



S. ARUNA, M.Sc., M.Phil.,
HOD of Bio-Chemistry
ISLAMIAH WOMEN'S COLLEGE
VANIYAMBADI-635 752.

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INSTITUTE OF CLINICAL
TECHNOLOGY & HOSPITAL
No. 116/117, Sembudu Road,
Abdullapuram, Vellore - 632 010.

Old Address : No. 331, Zion Nagar, (Near E.B.), Sathuramudurai, Vellore - 632 011
New Address : No. 116/117, Sembudu Road, Abdullapuram, Vellore - 632 010



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 Phone: 04174 - 235266

**DEPARTMENT OF COMMERCE (COMPUTER APPLICATIONS)
 CERTIFICATE COURSE ON TALLY ERP 09
 PARTICIPANT LIST
 2018-2019**

S.NO	NAME	SIGNATURE OF THE STUDENT
1	AAIMEN NABEELA K	Aaimen Nabeela K
2	FAIZA KULSUM	Faiza Kulsum
3	WAFIYA HANAN	Wafiyah Hanan
4	ROOHI NAAZ	Rohi Naaz
5	GHALIYA	Ghaliya
6	SAFRIN NISHA	Safrin Nisha
7	HARIPRIYA M	Haripriya M
8	PAVITHRA R	R. Pavithra
9	MOULICA R	R. Moulica
10	NITHYA G	G. Nithya
11	KOMATHI D	Komathi D
12	KAJAL BAI	Kajal Bai
13	DIVYA SHRI	Divya Shri
14	HEMA SRI M	Hema Sri M
15	ASWINI V	V. Aswini
16	KEERTHANA A	A. Keerthana
17	KOWSALYA S	Kowsalya S
18	ABINAYA SRI K	Abinaya Sri K
19	RASIKHA IAREEN S	Rasikha S.
20	RUKSAAR ANJUM K	Ruksaar K
21	NISHATH N	N. Nishath
22	AYESHA MUSKAAN	Ayesha Muskaan



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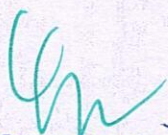
23	PREETHA K	K. Preetha
24	RAMYA K	Ramya K
25	MUBEEN TAJ	Mubeen Taj
26	SHARMILA M	M. Sharmila
27	ROOHI NAZ S	Roohi Naz S
28	DEVANAYAGI	Devanayagi
29	SOWMIYA M	Sowmya M
30	MISBA I F	I. F Misba
31	IFRA M	Ifra M
32	NAFIYA NOUSHEEN	Nafiya
33	SALEHA ABDULALEEM	Saleha A
34	KARTHIKA S	S. Karthika
35	AISHWARYA K	Aishwarya K
36	HINA S	Hina S
37	AYESHA SIDDIQUA R	Ayesha Siddiqua R
38	PAVITHRA D	P. D
39	VITHYA S	S. Vithya
40	PAVITHRA D	Pavithra. D
41	AAISHA R G	R. G. A
42	HASEENA BANU	H. Banu
43	TASLEEM	Tasleem
44	SWETHA S	S. Swetha
45	SATHYA E	Sathyo. E
46	TAMILMANI M	Tamilmani
47	SARASWATHI N	Saraswathi
48	LUFNA SAHADIYA N	Lufna S. Sahadiya N
49	KEERTHANA C	Keerthana C
50	SHANTHI A	A. Shanthi
51	AFRIN BEGUM A	A. Afrin Begum
52	RENSHA FUNNUN A H	Rensha Funnun A H



53	SUHASHINI S	Suhashini S
54	KOMATHI A	Komathi A
55	SAMREEN BANU	Samreen Banu
56	ANEESA S	S. Anessa
57	AYESHA TAZEEN	Ayesha Tazeen
58	IRTHIKA UROOJ	Irthika Urooj
59	JAYA PRIYA N	Jayapriya N
60	VIDYA LAKSHMI	Vidya Lakshmi
61	RABIYA BASRI	Rabiy. Basri
62	ASMA	Asma

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VANIYAMBADI.



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE

Recognised by the UGC under Section 2(f) and 12(B) of UGC Act 1956

Permanently Affiliated with Thiruvalluvar University and

Approved by the Government of Tamil Nadu

Accredited by NAAC with "B" Grade

#10, BYPASS ROAD, NEWTOWN, VANIYAMBADI – 635 752

Phone: 04174 – 235266

DEPARTMENT OF BUSINESS ADMINISTRATION

TALLY ERP 09

SYLLABUS-2018-2019

- Introduction to tally ERP 9
- Installing license server of tally ERP 9
- Selection of a company
- Taxation
- Online Taxation Return
- Data path – tally ERP9 companies
- Gateway of user and tally interface
- Application of security control
- Changing tally vault
- Backup restore
- Tally audit features



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DEPARTMENT OF COMMERCE (COMPUTER APPLICATIONS)

CERTIFICATE COURSE

ON

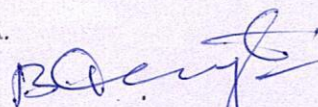
TALLY ERP

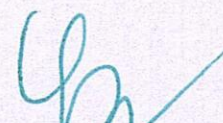
DURATION OF COURSE: September 2018 to February 2019

ASSESSMENT PROCEDURE:

- (i) Certificate Course on "Tally ERP" will be conducted in Association with College of Computerized Accountant.
- (ii) The course consists of 6 months duration.
- (iii) Training will be given in both Theoretical and Practical Skills.
- (iv) For developing practical skills the students will be given hands on training.
- (v) Test will be conducted by CCA for 50 marks.
- (vi) Students score is graded as follows:
 - Excellent A - 75 % and above
 - Very Good B - 60 % to < 75%
 - Good C - 50 % to < 60%
 - Average D - < 50%
- (vii) Certificates will be awarded to the students who successfully completed the course by CCA.




Dr. B. MANJULA, M.Com, M.Phil, M.A., M.Com (CA), SET, Ph.D.
Research Supervisor, PG & Research Department of Commerce
OD & Assistant Professor of Commerce (CA)
Islamiah Women's Arts and Science College
Vaniyambadi


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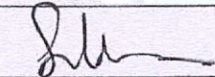
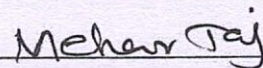
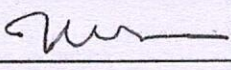
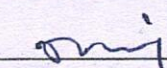
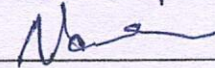
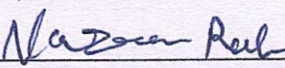
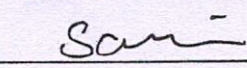
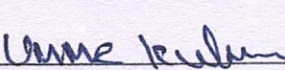
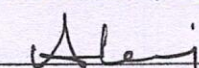
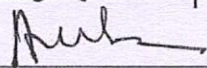
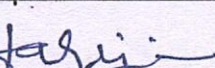
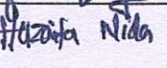
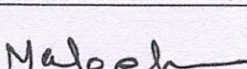
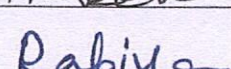
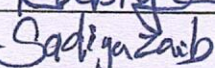
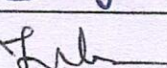
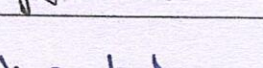
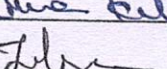
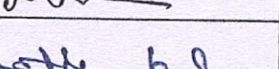
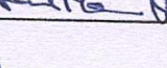
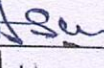
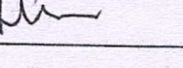
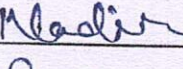
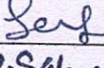
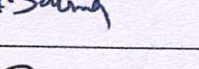
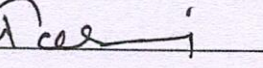
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Telefax: +91 4174-235 266 E-mail: principaliwc@gmail.com

DEPARTMENT OF URDU ISLAMIC STUDIES CLASS 2018-2019 -NAME LIST

S.NO	NAME	CLASS	SIGNATURE
1	S.Ruqsana	BSC(CHE)	S. Ruqsana
2	N.S. Uzmakouser	BSC(CHE)	N.S. Uzmakouser
3	H.Zainab Fathima	BSC(CHE)	Zainab
4	Aleena Hunain	BSC(NFSM&D)	Aleena
5	Asra Fathima	BSC(NFSM&D)	Asra
6	Khanita Begum	BSC(NFSM&D)	Khanita Begum
7	H. Khanita Fathima	BSC(NFSM&D)	H. Khanita
8	Sana Afsheen	BSC(NFSM&D)	Sana Afsheen
9	Sarah Kulsoom	BSC(NFSM&D)	Sarah Kulsoom
10	Uzma Ambreen	BSC(NFSM&D)	Uzma Ambreen
11	A.Aafreen	B.A (ENG)	A.Aafreen
12	H. AaliyaAfreem	B.A (ENG)	H. AaliyaAfreem
13	H.A.AyeshaFarheen	B.A (ENG)	Ayesha Farheen
14	S. Ayesha Siddiqua	B.A (ENG)	S. Ayesha
15	M. Ayesha Samra	B.A (ENG)	M. Ayesha Samra
16	S. Faheema Banu	B.A (ENG)	Faheema
17	M. Hajira Taj	B.A (ENG)	Hajira Taj
18	S.M. Haseen Taj	B.A (ENG)	S.M. Haseen Taj
19	S. Hina	B.A (ENG)	S. Hina



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20	S. Kouser	B.A (ENG)	
21	T.N. Mehar Taj	B.A (ENG)	
22	Z. Masooda	B.A (ENG)	
23	S. Mubarak Kouser	B.A (ENG)	
24	NagmaAmrin	B.A (ENG)	
25	Nazneen Ruhee	B.A (ENG)	
26	V. Salma	B.A (ENG)	
27	UMME Kulum	B.A (ENG)	
28	A.F. Aleena Faiza	BSC(IDD)	
29	AthikaAimeen	BSC(IDD)	
30	Fariyalram	BSC(IDD)	
31	Huzaifa Nida	BSC(IDD)	
32	MaleehaNayab	BSC(IDD)	
33	C.RabiyaKounain	BSC(IDD)	
34	SadiyaZaib	BSC(IDD)	
35	Tahooraharmain	BSC(IDD)	
36	A.V. UmmeKulsum	BSC(IDD)	
37	Zohar Kauser	BSC(IDD)	
38	AatikaKulsum	BSC(MATHS)	
39	Asma Tabassum Saleemuddin	BSC(MATHSO)	
40	Hina	BSC(MATHS)	
41	Nadira	BSC(MATHS)	
42	SafooraKauser	BSC(MATHS)	
43	N. Salma	BSC(MATHS)	
44	P.K Tasmiyalram	BSC(MATHSO)	
45	F. Zainab Kouser	BSC(MATHS)	



46	A.S. Aakifa Tabassum	BSC(BIO)	<i>A.S. Aakifa Tabassum</i>
47	S.AaliyaKounain	BSC(BIO)	<i>S.Aaliya Kounain</i>
48	D.HinaKouser	BSC(BIO)	<i>Hina kouser</i>
49	PredhanekarJasiaAimen	BSC(BIO)	<i>Preanj</i>
50	T. RuheeAfreen	BSC(BIO)	<i>T. Ruhee Afreen</i>
51	P.K. Sara Jabeen	BSC(BIO)	<i>P.K. Sara Jabeen</i>
52	K. Salma shaheen	BSC(CS)	<i>Salma</i>
53	V.UmrahDaaniyaKhulood	BCOM(CA)	<i>Umrah</i>
54	MasumaThasfeen	BCOM(CA)	<i>Masuma</i>
55	UmmulHurma	BCOM(CA)	<i>UmmulHurma</i>
56	MehbubaHaneefa	BCOM(CA)	<i>Mehbuba</i>

K. Nadeem

HEAD OF THE DEPARTMENT
DEPARTMENT OF URDU
ISLAMIAH WOMEN'S ARTS
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Principal
PRINCIPAL
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Islamiyah Women's Arts and Science College

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DEPARTMENT OF URDU

SYLLABUS OF MORAL CLASS ON ISLAMIC STUDIES COURSE 2018-2019

Objectives: To provide the basic knowledge of Islam and to teach them the good morals and values.

- Thirty Hours will be allotted for this certificate course.

TITLE:

Unit 1: Shahada; faith

Unit 2: Salath; prayer

Unit 3: Zakah; charity

Unit 4: Sawm; fasting

Unit 5: Hajj; pilgrimage

Unit 6: Halal & Haram

Unit 7: Conduct, Character & Behaviour

RECOMMENDED TEXT: Risal e Deeeniyath

IC Noolis Bm
HOD



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for Farzana Baqum

PRINCIPAL

Principal

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Phone. 04174 – 235266

DEPARTMENT OF URDU

CERTIFICATE COURSE ON MORAL VALUE

DURATION OF COURSE - 30 HOURS DURING JUNE – NOVEMBER 2018 - 2019

ASSESSMENT PROCEDURE:

- i. Certificate Course will be conducted on "Moral Value" for 30 Hours.
- ii. As per the syllabus, Practice will be given in both oral and written skills.
- iii. Students will be given tasks like reading, comprehension, essay writing, quiz etc on topics like five pillars of Islam, Rules of Hajj, Fasting and Salath.
- iv. Assessment will be conducted for 50 marks.
 - a. Oral Practice – 20 marks
 - b. Written Practice – 30 marks
- v. Certificate will be issued to those students who successfully complete the course with minimum 50% or above.



Khadija Bano
HEAD OF THE DEPARTMENT
DEPARTMENT OF URDU
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With Thiruvalluvar University, Vellore)
10, Bye Pass Road, New Town, Vaniyambadi-63575

2018-2019**Moral Value Class Students Name List****Date: 17.09.2018**

S.NO	NAME	CLASS	SDUTENTS SIGNATURE
1.	G. ABINAYA	B.SC CS	Abinaya. G
2.	S. ARSHIYA BEGUM	B.SC CS	Arshiya
3.	E. ASHA	B.SC CS	Asha
4.	ASHIFA BEGUM	B.SC CS	Ashifa Begum
5.	V. BUVNEAWARI	B.SC CS	Buvneawari
6.	J.DEEPA	B.SC CS	Deepa
7.	V.DEEPIKA	B.SC CS	Deepika
8.	DEVIPRIYA	B.SC CS	Devipriya
9.	R. DIVYA	B.SC CS	Divya
10.	DIVYAVANI	B.SC CS	Divyavani
11.	V.GATHIRI	B.SC CS	V. Gathiri
12.	H.GOWTHAMI	B.SC CS	Gowthami
13.	B.SHIRA	B.SC CS	Shira
14.	V. JOTHIKA	B.SC CS	Jothika
15.	R. KAVTHA	B.SC CS	Kavtha
16.	R. LAKSHMI	B.SC CS	Lakshmi
17.	P.NADHINI	B.SC CS	Nadhini
18.	N. NITHYA	B.SC CS	Nithya. N
19.	S. NIVETHA	B.SC CS	Nivetha
20.	A. PRIYA	B.SC CS	Priya. A
21.	G. POOJABAI	B.SC CS	Poojabai. G
22.	A RAJESWARI	B.SC CS	Rajeswari.
23.	S. RENUKA	B.SC CS	Renuka
24.	G. ROJA	B.SC CS	Roja



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25.	V.ROJA	B.SC CS	Roja
26.	G.SARANYA	B.SC CS	Saranya
27.	M.SARANYA	B.SC CS	Saranya
28.	R. SARANYA	B.SC CS	Saranya
29.	P.SIVARANJINI	B.SC CS	Sivaranjini
30.	S. SINDHU	B.SC CS	Sindhu.S
31.	G. SINTHUJA	B.SC CS	Sindhu.S
32.	V.SUJI	B.SC CS	Suji
33.	J.C.SWATHI	B.SC CS	J. C. Swathi
34.	J.SWETHA	B.SC CS	Swetha
35.	P.THAJIMA	B.SC CS	Thajima.F
36.	M.UREKA	B.SC CS	Ureka
37.	SOWNIYA.S	B.SC NFSMD	Sowniya.S
38.	SUSILA.V	B.SC NFSMD	Susila.v
39.	TAMIZHARUVI.P	B.SC NFSMD	P. Tamizharuvi
40.	THILAGAM.P	B.SC NFSMD	Thilagam P
41.	VIDHYA.M	B.SC NFSMD	Vidhya.M
42.	VINISHA.G	B.SC NFSMD	Vinisha
43.	A.ARSHIYA BEGUM	B.SC BIO CHEM	Arshiya Begum
44.	P.DEEPALAKSHIMI	B.SC BIO CHEM	Deepa Lakshmi
45.	V. GAYATHIRI	B.SC BIO CHEM	Gayathiri
46.	V.HEMAVATHI	B.SC BIO CHEM	Hemanathi.V
47.	V. JAYANTHI	B.SC BIO CHEM	Jayanthi
48.	G.KALISATHIYA	B.SC BIO CHEM	Kalisathiya.G
49.	V.KALKI	B.SC BIO CHEM	Kalki.V
50.	R. KAVIYARASI	B.SC BIO CHEM	R. Kaviyarasi
51.	R. KEERTHANA	B.SC BIO CHEM	Keerthana
52.	G.GOMATHI	B.SC BIO CHEM	Gomathi
53.	T.GOMATHI	B.SC BIO CHEM	Gomathi
54.	V. GOMATHI	B.SC BIO CHEM	Gomathi
55.	B. NIKATH	B.SC BIO CHEM	Nikath B
56.	V. NIRMALA	B.SC BIO CHEM	Nirmala
57.	S. POOJA	B.SC BIO CHEM	Pooja.S
58.	K.RESMABEE	B.SC BIO CHEM	Reshma Bee



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59.	N. SHALINI	B.SC BIO CHEM	Shalini N.
60.	B. SORNALATHA	B.SC BIO CHEM	B. Sornalatha.
61.	A. VIJAYALAKSHMI	B.SC BIO CHEM	A. Vijayalakshmi.
62.	C. VIJAYALAKSHMI	B.SC BIO CHEM	Vijayalakshmi C.
63.	YUVASRI	B.SC BIO CHEM	Yuvasri
64.	AFRIN.I	B.SC CHEMISTRY	Afrin I.
65.	ANITHA.S	B.SC CHEMISTRY	Anitha S.
66.	ASWINI.S	B.SC CHEMISTRY	Ashwini S.
67.	FARIYA FATHEEN.K	B.SC CHEMISTRY	Fariya Fatheen K.
68.	MADHUMITHA.M	B.SC CHEMISTRY	Madhumitha M.
69.	MADHU SRI.D	B.SC CHEMISTRY	Madhu Sri D.
70.	MANISHA.S	B.SC CHEMISTRY	Manisha S.
71.	MONISHA.D	B.SC CHEMISTRY	Monisha D.
72.	MONISHA.S	B.SC CHEMISTRY	Monisha S.
73.	NISHA.S	B.SC CHEMISTRY	Nisha S.
74.	NITHYA.S	B.SC CHEMISTRY	Nithya S.
75.	PAVITHRA.M	B.SC CHEMISTRY	Pavithra M.
76.	PAVITHRA.M.P	B.SC CHEMISTRY	Pavithra M.P.
77.	POOJA.K	B.SC CHEMISTRY	Pooja K.
78.	POOJA.S	B.SC CHEMISTRY	Pooja S.
79.	PORKODI.R	B.SC CHEMISTRY	Porkodi R.
80.	PREETHA .G	B.SC CHEMISTRY	Preetha G.
81.	PRIYADHARSHINI	B.SC CHEMISTRY	Priyadharsini
82.	REVATHI.M	B.SC CHEMISTRY	Revathi M.
83.	RUQIYA.A	B.SC CHEMISTRY	Ruqiyah A.
84.	SANDHIYA.N	B.SC CHEMISTRY	Sandhya N.
85.	SANDHIYA.R	B.SC CHEMISTRY	Sandhya R.
86.	SANGEETHA.R	B.SC CHEMISTRY	Sangeetha R.
87.	SANGEETHA.S	B.SC CHEMISTRY	Sangeetha S.
88.	SATHYA BAMA.S	B.SC CHEMISTRY	Sathya Bama S.
89.	SATHYA.S	B.SC CHEMISTRY	Sathya S.
90.	SHILPA.D	B.SC CHEMISTRY	Shilpa D.
91.	SIVARANJANI.R	B.SC CHEMISTRY	Sivaranjani R.
92.	SOWMIYA.V	B.SC CHEMISTRY	Sowmya V.



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93.	SOWMIYA.S	B.SC CHEMISTRY	S. Sowmya
94.	K.DEEPABAI	B.SC MATHS	Deepai
95.	S. DEVI	B.SC MATHS	Devi
96.	E.DEVIKA	B.SC MATHS	Devika. E
97.	P.DIVYA	B.SC MATHS	Divya. P
98	M. DURKA	B.SC MATHS	Durga M.
99	P.DURKA	B.SC MATHS	Durka. P
100	G.GAYATHRI	B.SC MATHS	Gayathri
101	M. KOKILAVANI	B.SC MATHS	Kokilavani
102.	M.GOMATHI	B.SC MATHS	Gomathi. M
103	N. JAYNTHI	B.SC MATHS	
104	K.JEEVITHA	B.SC MATHS	Jeevitha. K
105	R.JEEVITHA	B.SC MATHS	Jeevitha R.
106	M.KAVIPRIYA	B.SC MATHS	Kavipriya
107	R. KAVIYA	B.SC MATHS	Kaviya
108	T. KOWSALYA	B.SC MATHS	T. Kowsalya
109	M. MALATHI	B.SC MATHS	Malathi
110	S. MEGALA	B.SC MATHS	S. MEGALA
111	C.MEENATCHI	B.SC MATHS	Meenatchi
112	K. MONISHA	B.SC MATHS	Monisha. K
113	C. NIVETHA	B.SC MATHS	NIVETHA. C
114	V.BARKAVI	B.SC MATHS	Barkavi. V
115	T. PAVITHRA	B.SC MATHS	Pavithra
116	C.ANITHA	B.A ENGLISH	Anitha
117	S.ARUNA	B.A ENGLISH	Aruna
118	N.DIVIKA	B.A ENGLISH	Divika
119	M.DIVYA	B.A ENGLISH	Divya. M
120	M.DIVYA	B.A ENGLISH	Divya. M
121	P.DIVYA	B.A ENGLISH	P. Divya
122	S.DIVYA	B.A ENGLISH	Divya
123	GAYATHRI	B.A ENGLISH	Gayathri
124	V.GAYATHRI	B.A ENGLISH	Gayathri. G
125	N.GOPITHA	B.A ENGLISH	Gopitha
126	B.JANANI	B.A ENGLISH	Janani. B

127	E.S.JANANI	B.A ENGLISH	E. S. JANANI
128	D.JEEVA	B.A ENGLISH	Jeeva
129	J.JASMIN	B.A ENGLISH	Jasmin
130	S.JAYASRI	B.A ENGLISH	Jayasri
131	V.KAVERI	B.A ENGLISH	V. Kaveri
132	V.KAVITHA	B.A ENGLISH	V. Kavitha
133	K.KEERTHANA	B.A ENGLISH	Keerthana
134	A.KOKILA	B.A ENGLISH	Kokila
135	M.LAKSHMI	B.A ENGLISH	M. Lakshmi
136	D.MADHUMITHA	B.A ENGLISH	Madhumitha
137	M.MEENA	B.A ENGLISH	Meena
138	S.MEENATCHI	B.A ENGLISH	Meenatchi. S
139	J.MONISHA	B.A ENGLISH	Monisha
140	V.KEETHANJALI	B.A ENGLISH	Keethanjali
141	R.NANTHINI	B.A ENGLISH	Nanthini R
142	V.NANDHITHA	B.A ENGLISH	V. Nandhitha
143	K.NAVITHA	B.A ENGLISH	Navitha K.
144	V.PAVITHRA	B.A ENGLISH	Pavithra
145	V.PREETHA	B.A ENGLISH	Preetha. V
146	S.PRIYA	B.A ENGLISH	Priya
147	S.PRIYA	B.A ENGLISH	Priya
148	T.PRIYANKA	B.A ENGLISH	Priyanka
149	C.RADHA	B.A ENGLISH	Radha
150	G.RAJAKUMARI	B.A ENGLISH	Rajakumari
151	G.REVATHI	B.A ENGLISH	Revathi. G

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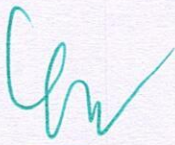
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ஓராண்டிற்கான நீதிபோதனை வகுப்பு 2018 – 2019 30 மணி நேரம்

பாடத்திட்டம்

1. உழைப்பே உயர்வு தரும்
2. முயற்சி திருவினையாக்கும்
3. உயிர் காப்பான் தோழன்
4. அறிவே பலம்
5. பொது அறிவுக் கேள்விகள்
6. தன்னம்பிக்கையே வாழ்வியல் இலட்சியம்
7. இராமாயண – மகாபாரதக் கதைகள்
8. திருக்குறள் காட்டும் வாழ்வியல் கூறுகள்
9. விவேகானந்தர் சிந்தனைகள்
10. பெற்றோரை பேணிக்காக்கும் வழிமுறைகள்




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10, Bye Pass Road, New Town, Vaniyambadi-635752

CERTIFICATE COURSE ON MORAL VALUE 2018-2019

DURATION OF COURSE: 17.09.2018 to 09.04.2019 (30 Hours)

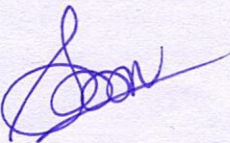
ASSESSMENT PROCEDURE:

- (i). Certificate Course will be Conducted on "Moral Value" for 30 hours.
- (ii). As per syllabus, training will be given in both oral and written skills.
- (iii). Students will be assessed orally on topics like General Knowledge, Life Lessons from Thirukkural , Stories from Ramayana and Mahabharata.
- (iv). For written assessment, tasks like story writing and Poetry writing on Knowledge is Power, Hard work and Courage is the way to Successful life Will be given.
- (v). Assessment will be conducted for 50 marks

Oral Test - 25

Written Test - 25

Certificates will be given to those students who successfully complete the Course with 50% or above.

m 

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VALUE ADDED COURSE ON TAILORING


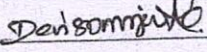
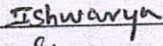
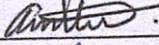
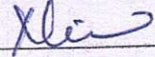
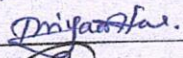
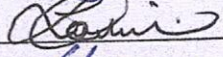
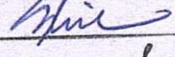
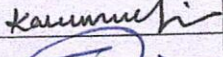

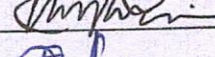
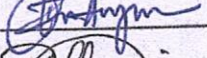
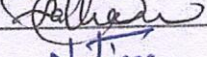
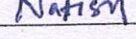
AADHI INSTITUTE – OCTOBER 2018- JANUARY 2019

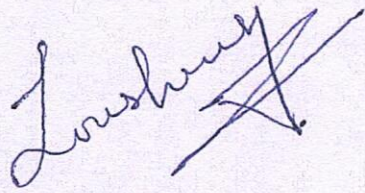
PARTICIPANT LIST

S.NO	NAME	DEPARTMENT	SIGNATURE
1	Muqlisa T A	I NFSMD	Muqlisa
2	Thuba Harnmain	II BBA	Thuba Harnmain
3	Taqhiya	III B.Sc CS	Taqhiya
4	Rifath Jabeen V K	I BSc Maths	Rifath Jabeen
5	Uraina Sadaf	I BSc Maths	Uraina Sadaf
6	Arshiya Kauser F	I BSc Maths	Arshiya Kauser
7	Safreen Begum S A	I BSc Maths	Safreen Begum
8	Rifa Fathima	III BSc NFSMD	Rifa Fathima
9	Zohra Noorain	I BSc Maths	Zohra Noorain
10	Asfiya Sadaf	III BSc NFSMD	Asfiya Sadaf
11	Janani	II MSc Maths	Janani
12	Manimehalai	II MSc Maths	Manimehalai
13	Sangeetha	II MSc Maths	Sangeetha
14	Ramya	III B.Com G	Ramya
15	Surya	I MSc Maths	Surya
16	Sathya S	I MSc Maths	Sathya S
17	Nikath B	II BSc Biochemistry	Nikath B
18	Bhavya K	I BSc Biochemistry	Bhavya K
19	Jothika P	I BSc Biochemistry	Jothika P
20	Tamilarasi	I BSc Maths	Tamilarasi
21	Jayanthi G	III BA English	Jayanthi G
22	Jansi Daisi Mary	II BA English	Jansi Daisi
23	Divya A	II Bcom G	Divya A
24	Nithya G	II MSc Maths	Nithya G
25	Vinitha	III BSc Biochemistry	Vinitha
	Anbarasi	III BA English	Anbarasi

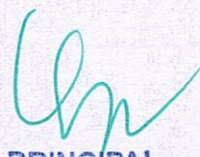


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27	Kokila K	II MSc maths	
28	Devisomiya M	III BA English	
29	Ishwarya	III BA English	
30	Aritha	III Bcom G	
31	Nivetha S	III BSc Mathematics	
32	Priyanka M	II BCA	
33	Janani S	II BCA	
34	Shilpa	I BSc Mathematics	
35	Karremunisa	Faculty	
36	Tahira	Faculty	
37	Vijayalakshmi	Faculty	
38	Ifra Ayman	Outside Participant	
39	Fathima Samreen	Outside Participant	
40	Nafisa	Outside Participant	






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HOME PAGE

DEPARTMENT OF INTERIOR DESIGN & DÉCOR
VALUE ADDED COURSE ON TAILORING – AADHI INSTITUTE
SYLLABUS

Class name: Interior Design & Décor Coordinator name: Louisha Nancy

Course Name: Basic Stitching & Sewing Duration: 40 days

UNIT-I

Stitching techniques, Dress measurement & techniques, Anatomy of drafting garments, calculations and drafting patterns, methods to fold the for pattern, Terms used in tailoring.

UNIT-II

Fabric, Types of fabric, Dyeing, Paintings on fabric

UNIT-III

Jabala (a top for a new born child), Frock petticoat, saree petticoat, underwear

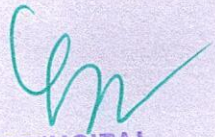
UNIT-IV

Skirts types, salwar/ Kameez

UNIT-V

Plain blouse, Cut blouse with puff sleeve, Cut blouse with plain sleeve, knitting, lace work




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Phone: 04174-235266 Email: principalwsc@gmail.com
www.islamiahwomensartsandsciencecollege.com

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DEPARTMENT OF INTERIOR DESIGN AND DECOR

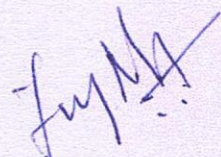
VALUE ADDED COURSE ON TAILORING

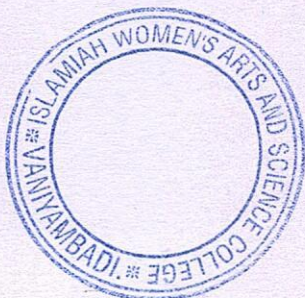
AADHI INSTITUTE – OCTOBER 2018- JANUARY 2019

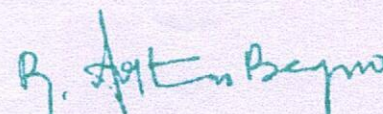
DURATION OF COURSE: OCTOBER 2018 to JANUARY 2019(40 Hours)


ASSESSMENT PROCEDURE:

- (i) A Value Added Course will be conducted on Tailoring for 40 hours.
- (ii) Comprehensive training will focus on practical skills and techniques.
- (iii) Each candidate will be given tasks such as sewing a garment, pattern making, and fabric cutting.
- (iv) For developing tailoring skills, exercises will include stitching techniques, hemming, embroidery, and alterations.
- (v) Assessment will be conducted on the basis of completion of an Apparel:
 1. Completion of Apparel
 - o Creativity
 - o Perfection
 - o Finishing
- (vi) Certificates will be awarded to participants upon completion of the course.


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LATEX NAME LIST
I M.Sc MATHEMATICS
2018-2019

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HOME PAGE

S.NO	NAME	STUDENTS' SIGNATURE
1	ABIRAMI.N	N. Abisani
2	AKSHIYA.V	Akshiya .v
3	ANITHA.S	Anitha .s
4	ARSHIYA SAMREEN.P	Arshiya Samreen.P
5	BANU PRIYA.B	B. Banupriya
6	DEEPA.C	C. Deepa
7	DEEPA.R	Deepa. R
8	DEEPA.T	Deepa. T.
9	DIVYA.M	M. Divya
10	DIVYA.R	Divya. R
11	EZHIL.S	Ezhi. S
12	FAHMIDHA AFREEN.S.L	Fahmidha Afreen.S.L
13	GOMATHI.D	Gomathi. D
14	HAJEERA BANU.I	Hajeera Banu. I
15	IFRA TAZEEN S.Y	Ifra Tazeen. Y
16	LEELAVATHY.P	P. leelavathy
17	MONISHA.T	Monisha. T
18	NANDHINI.R	Nandhini. R
19	PAVITHA.P	P. Pavitha
20	PAVITHRA BABY.B	B. pavithrababy
21	POORNIMA.M	Poornima. M
22	RAHILA TABASSUM.A.K	Rahila Tabassum. A.K
23	RANJITHA.R	R. Ranjitha
24	SAMEERA ANJUM.M.R	Sameera Anjum. M.R
25	SHOBHANA.S	S. Shobhana
26	TASLEEM.N	Tasleem. N



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II M.Sc MATHEMATICS

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2018-2019

S.NO	NAME	STUDENTS' SIGNATURE
1	AFRA AYMAN.K	Afra Ayman.k
2	AMMU.P	Ammu.p
3	ANUSUYA.K	K. Anusuya.
4	ARJUMAND MOJASSIM.M	Arjumand mojassim
5	ARSHIYA NAZ.A	Arshiya Naz
6	BHUVANESWARIS	Bhuvaneshwaris
7	DAYANA.L	L. Dayana
8	DEVI.V	Devi. V
9	GAYATHRI.G	G. Gayathri
10	GOMATHI.D	D. Gomathi
11	HARI PRIYA.M	Iswaraya. D
12	ISWARAYA.D	Iswaraya. D
13	JAGATHA.M	Jagatha. M
14	JANANI.C	C. Janani
15	KANAGA VALLI.M	Kanaga Valli.m
16	KANAGAPRIYA.S	Kanagapriya.s
17	KHANITA AYMAN	Khanita Ayman
18	LUBNA NAZ.S	Lubna Naz.s
19	MALARKODI.M	Malarkodi.m
20	MANIMEGALAI.P	Manimegalai.p
21	MONIKA. R	Monika. R
22	NANDHINI.N	N. Nandhini
23	NASHITA FARHEEN	Nashita Farheen
24	NIRMALA.G	Nirmala.G
25	NITHA.G	Nitha.G
26	PAVIYA.R	R. Paviya
27	PRIYANKA.L	P. Priyanka




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28	PRIYANKA.P	Priyanka. P.
29	RAMYA DEVI.P	P. Ramyadevi
30	SANDHIYA.S	S. Sandhya
31	SANGEETHA.R	R. Sangeetha
32	SHAZIYA SAMREEN.A	Shaziyasamreen
33	SUMATHI.S	Sumathi. S
34	SURIYA.M	M. Suriya
35	VIJAYASHANTHI.K	K. vijayashanthi
36	YAMUNA.M	Yamuna. M


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PG AND RESEARCH DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE

LATEX

Course Duration = 30 Hrs

Objectives:

- * To inculcate the computer knowledge
- * To introduce the LaTeX software.

CHAPTER :I What is Latex – Simple type setting –Fonts Type size- Document class

CHAPTER:II Page style – page numbering –Formatting lengths- Parts of a document.

CHAPTER :III Introduction – BIBTEX style files.

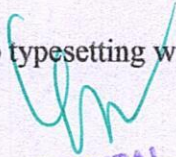
CHAPTER:IV Table of contents – Index- glossary.

CHAPTER :V The basics – custom commands – new operations – several kinds of boxes and floats.

Reference book

1. Peter Flynn, A beginner's introduction to typesetting with LATEX ,Silmaril Consultants, Textual Therapy Division, 2003.




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PG & RESEARCH DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE


ON

LaTeX

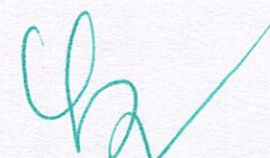
DURATION OF COURSE : 04.03.2019-09.03.2019 (30 HOURS)

ASSESSMENT PROCEDURE :

1. Certificate course on "LaTeX" for 30 hours will be conducted as per the syllabus.
2. Training will be given in both Theory and Practical skills .
3. For developing Practical skills the candidate will be given exercise on the syllabus.
4. Assessment will be conducted for 50 marks as follows.
 - (a) Test for 20 marks on Objective type
 - (b) Assignment -10 marks
 - (c) Practical -20 marks
5. Certificate will be issued to the students who successfully completed the course with minimum 40% marks.


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PG & RESEARCH DEPARTMENT OF ENGLISH SOFT SKILLS TRAINING PROGRAM (24/2/2019 - 4/3/2019)

LIST OF PARTICIPANTS

S.No	NAME OF THE STUDENT
1	ANEESA SUMAN K <i>Aneesa Suman K</i>
2	ARCHANA M <i>Archana M</i>
3	ASMA IRAM P <i>Asma Iram P</i>
4	DEEPA KUMARI P <i>Deepa Kumari P</i>
5	ELAVARASI K <i>Elavarasi</i>
6	FAKIHA SHARQUEEN V N <i>Fakiha</i>
7	FARHANA F <i>Farhana F</i>
8	KALAINANDHINI G <i>Kalainandhini G</i>
9	MADIHA SUMAN S M <i>Madiha</i>
10	MISBAH HASEEN A <i>Misbah Haseen A</i>
11	PAVITHRA A <i>Pavithra</i>
12	PRIYANKA J <i>Priyanka</i>
13	RAJASEGARI S <i>Rajasegari S</i>
14	RAMSHA QUDSIYA I <i>Ramsha Qudsiya S</i>
15	REVATHI R <i>Revathi R</i>
16	SANGEETHA R <i>Sangeetha R</i>
17	SINDHU PRIYA S <i>Sindhu Priya S</i>
18	SOPHIYA A <i>Sophiya A</i>
19	TAZEEN K <i>Tazeen K</i>
20	YASHMIN A <i>Yashmin</i>
21	YUGASARANYA S <i>Yugasaranya S</i>
22	AKIFA PARVEEN <i>Akifa Parveen</i>
23	BANUMATHI <i>Banumathy</i>
24	DHIVYA BHARATHI V <i>Dhivya Bharathi V</i>
25	DIVYA PRIYA U <i>Divya Priya U</i>
26	FAMIDA I <i>Famida</i>
27	JAYALAKSHMI J <i>Jayalakshmi J</i>
28	LAVANYA K <i>Lavanya K</i>



[Signature]
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29	MYTHILI K	Mythili K.
30	NANDHINI N	Nandhini N.
31	SASIREKHA K	Sasirekha K.
32	AISHA AFNAAN	Aisha Afnaan.
33	LAKSHMI C	Lakshmi C.
34	JEEVITHA P	Jeevitha P.
35	GEETHA S	Geetha S.
36	JANSI DAISI MARY N	Jansi Daisy Mary N.
37	KARTHIKA S	Karthika S.
38	PRIYADARSHINI M	Priyadarshini M.
39	USHA V	Usha V.
40	SAMREEN NAAZ S	Samreen Naaz S.
41	SANGAVI M	Sangavi M.
42	MUTHULAKSHMI V	Muthulakshmi V.
43	SAKTHI RANJANI A	Sakthi Ranjani A.
44	SANDHIYA G	Sandhiya G.
45	SIVARANJANI K	Sivaranjani K.
46	AYESHA SAMRA M	Ayesha Samra M.
47	FAREEHA MUSKAN S	Fareeha Muskan S.
48	SAMIYA MARIYAM M	Samiya Mariyam M.
49	NIKHAT NAAZ	Nikhath Naaz.
50	SAYEMA KULSOOM	Sayema Kulsoom.



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C. A. MOENAZ (SOTU)
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PG & RESEARCH DEPARTMENT OF ENGLISH

SOFT SKILLS TRAINING PROGRAM

SYLLABUS - 2019-2020

Unit 1

Communication Skills:

- Methods of communication - Verbal - Non-verbal, Visual
- Measures to overcome barriers in effective communication.
- Communication cycle and importance of feedback

Unit 2

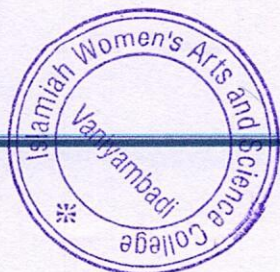
Self- Management Skills:


- Meaning and importance of stress management
- Importance of the ability to work independently
- Self motivation and self-regulation

Unit 3

Information and Communication Technology Skills:

- Importance and need of care and maintenance of computer
- Classes of operating systems




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- File concept, file operations, file organization, directory structures, and file-system structures
- Creating and managing files and folders

Unit 4

Entrepreneurial Skills:

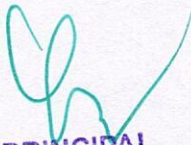
- Entrepreneurship and society
- Qualities and functions of an entrepreneur
- Role and importance of an entrepreneur
- Myth about entrepreneurship

Unit 5

Green Skills:

- Definition of sustainable development
- Importance of sustainable development
- Problems related to sustainable development




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PG & RESEARCH DEPARTMENT OF ENGLISH

SOFT SKILL TRAINING PROGRAM

DURATION OF COURSE: 24th February to 4th March 2019 (30 Hours)

ASSESSMENT PROCEDURE:


- (i) **Soft Skills Training Program will be conducted for 30 hours**
- (ii) **As per the syllabus, training will be given on how to develop various soft skills techniques like Interpersonal skills, communication skills, listening skills, time management, problem solving, leadership etc**
- (iii) **Each candidate will be given tasks based on the above mentioned skills**
- (iv) **Assessment will be conducted to all the candidates for 50 marks on following topics**

1. **Tips to develop Interpersonal skills - 10 marks**
2. **Tips to enhance oral communication - 10 marks**
3. **Tips for Time Management - 10 marks**
4. **Tips for problem Solving - 10 marks**
5. **List few leadership qualities -10 marks**

- (v) **Certificate will be issued to the candidates who successfully completes the course with minimum 50% marks**



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ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE , VANIYAMBADI
PG DEPARTMENT OF FOODS AND NUTRITION
VALUE ADDED COURSE ON FRUITS, VEGETABLE AND ICE CARVING
20-01-2019 - 24.01.2019

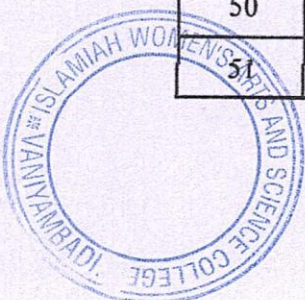
III B.Sc NFSMD

S.NO	NAME	SIGNATURE
1	AAFIYA MEHER.D	<i>Aafiyah</i>
2	AAFREEN ANJUM.H	<i>Aafreen</i>
3	AAFRIN BANU.F	<i>Aafreen</i>
4	AFREEN BANU.A	<i>Afreen</i>
5	AMEENA SAMREEN.K.P	<i>AS</i>
6	AMEERA FIRDAUS.S	<i>Fam</i>
7	ASFA SINEEN.K	<i>Imy</i>
8	ASFIYA MAHEEN.V.A	<i>Ash</i>
9	ASHA ZAINAB HARMAN	<i>Asha</i>
10	ASHIYA FARHEEN.K	<i>Ashiyah</i>
11	ASMA	<i>Mehnaz</i>
12	AWEENA SIDDIQ MEERALAPPEE	<i>Bumf</i>
13	AYESHA NIMRA.M	<i>Aysha</i>
14	AYISHA IKRAMULLAH	<i>Aysha</i>
15	BAGYA DARSHINI.S	<i>Bumf</i>
16	FAREEHA AHLAM.M	<i>Fumha</i>
17	FARHEEN BEGUM.F	<i>Mehnaz</i>
18	GHAZIYA ZARMEEN	<i>Bumf</i>
19	HAFSA AYMAN.K	<i>Hafsa</i>
20	HAJEERA SAYEED.S	<i>Hajeera</i>
21	HAJIRA PARVEEN.K.R	<i>Hk</i>
22	HANIYA FATHEEN.P	<i>Mehnaz</i>
	HUMERA.C	<i>Humera</i>



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24	JANNATH NISHA.M	Han
25	KASHIFA SHIREEN.B	Kushni
26	KASHIFA.M.S	Kheiff
27	KHADIJA FATHIMA.A	Kan
28	KHANITHA MARIYAM.N	Kheiff
29	KHANSA FATHIMA.V	Kan
30	KOUSER.Y	Kan
31	MADIHA SAQLAIN.C	Madi
32	MANIMOZHL.M	Mani
33	MIFRA TASKEEN.N	Mifra
34	NAIMA AFFRA.M	Naim
35	NASEEKA RUQAIYA.C.F	Naseka
36	NEELOFAR SAQULLAIN.M	Nelofar
37	NISHA.P	Nisha
38	RAZIYA SULTHANA.S	Razisa
39	RIZWANA ROUSHIN	Rizwa
40	RUBINA AFREEN	Rubi
41	SHAMSIYA TABASSUM.S	Shamsi
42	SHAZIA BANU.A	Shazia
43	SUBIYA TASKEEN.A	Subi
44	SUJATHA.K	Sujatha K
45	SUMAIYA.H	Sunaiya
46	TABASSIYA.B	Tabass
47	TABASSUM.S	Tabass
48	TAQIYA AIMEN.P.M	Taqiya
49	TARAIYA FATIMA.S	TARaiya Fat
50	UM E AYMAN.A.F	Umme Ayman
	UMME AYMEN.T	Umme Aymen



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52	UMMETAHREEM.S	<i>Ummeh</i>
53	UZAIFA ZAMAN.S	<i>Uzaiifa</i>
54	UZMA FARSHEEN.K	<i>uzma</i>
55	ZOYA KONAIN.N	<i>Zoya Konain</i>

For
A. Suganth



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ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE , VANIYAMBADI
PG DEPARTMENT OF FOODS AND NUTRITION
VALUE ADDED COURSE ON FRUITS, VEGETABLE AND ICE CARVING
20-01-2019 - 24.01.2019

S.NO	STUDENT NAME	STUDENTS' SIGNATURE
1	SHARIQUA TABASSUM.A	Shariqua Tabassum. A
2	SUMAIYA KOUSER.A	Sumaiya Kouser. A

For
Dr. Suganthi




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PG DEPARTMENT OF FOODS AND NUTRITION
VALUE ADDED COURSE ON FRUITS, VEGETABLE AND ICE CARVING
20-01-2019 - 24.01.2019

S.NO	STUDENT NAME	STUDENTS' SIGNATURE
1	AALIYA AYMAN.O	Aaliya Ayman
2	AALIYA KULSHUOOM	Aaliya Kulshuoom
3	ALEENA HUNAIN.C	Aleena Hunain .c
4	AMENA MUSKAN.A	Amena muskan
5	ANEEQUA FATHIMA.M	Aneeqna fathima
6	ARSHYA FATHIMA .B	ARshiya Fathima .v
7	ASRA FATHIMA.V	Asra Fathima v
8	ASRA KAUNAIN.C	Asra Kounain C
9	AYSHA TAHREEN.S.C	Aysha Tahreen
10	BUSHRA SAMREEN.N	Bushra Samreen
11	FAATINA ARIEEJ.C	FAATINA . C
12	GHANI RUVAIDA BATOOL	Ruvaida
13	GHANI SIMRA FARHEEN	Ghani Simra Farheen
14	SHAIZA TAZEEN.H	Shaiza Tazeen.H
15	HIBA FIRAWAAN.T	Hiba Firawaan T
16	IFRA FALAK.T.A	IFRA FALAK.TA
17	KANEEFA NADAIN.L.M	KANEEFA . L.M.
18	KHANITA BEGUM.M	Khanita Begum M
19	KHANITHA FATHIMA.H	Khanitha fathima H.
20	KINZA KULSOOM.K	Kinza Kulsoom K
21	KUBRA.KN	Kubra K.N
22	LAYEEKHA FALAK.O	Layeeha Falak O
23	MADEEHA SABREEN.M	Madeeha Shabreen
24	MAMIZA UROOJ.S	Mamiza Urooj . S
25	MUIZA MAHEEN	Muizha Maheen
26	NABEELA MEHREEN.K	Nabeela Mehreen K

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27	NAFIA HASNAIN.K	Nafia hasnain K
28	NAQIA MOMINA.C	Naqia Momina
29	NATHERMA NASEETA SABA	Natherma
30	NAZEEFA FATHIMA.P.S	Nazeefa Fathima Ps
31	RAAZIA TABASSUM.M.S	Razia
32	RAJIA FATHIMA.V	Razia Fathima V
33	RAMSHA HARMAIN.K	Ramsha Harmain.K
34	ROOFA MARYAM.C.M	Roofa
35	RUBA KULSUM.H.E	Ruba Kulsum H
36	RUFA ZARMEENA.T	Rufa Zarmeena T
37	RUQAIYA ZAINAB.P.R	Ruqaiya Zainab
38	SAIMA FALAK.S	Saina
39	SANA AFSHEEN.K	Sana afsheen.k
40	SARA SAMEERA.A	Sara Sameera.A
41	SARAH KULSUM.S.C	Sarah
42	SIMRA ROOHLN	Simra Rookhi.N
43	SIMRAH.K	Simrah.k
44	SUFIYA MARIYAM.J	Sufiya
45	SUMAN TAJ.A	Suman.A
46	TABASSIYA ANAS.A	Tabassia
47	TANZEELA ZAIN.N.A	Tanzeela Zain N.A
48	URFIYA RAMEEN.K.O	urfiya k.o
49	UZMA AMBAREEN.L.M	uzma
50	UZMA TAKREEM.K	uzma

For

Suganthi



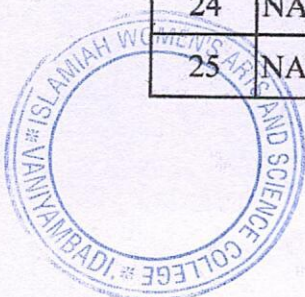
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PG DEPARTMENT OF FOODS AND NUTRITION
VALUE ADDED COURSE ON FRUITS, VEGETABLE AND ICE CARVING
20-01-2019 - 24.01.2019

S.NO	STUDENT NAME	STUDENTS' SIGNATURE
1	ADEEBA TASKEEN.P	adeeba P
2	AFRA FAHMEEDA .A	Afra .A
3	AFRAH KULSUM .O	Afraah kulsum
4	ANUSHA MEHEK.V	Anusha Mehek
5	AISHA MAHAM .P	Aysha Maham P
6	AYISHA SIDDIQUA.M.A	Ayisha
7	FAIZA AYMAN .MP	Faiza ayman.M.P
8	FAIZA MUSKAN.MS	Faiza Muskan .M.S
9	FARIYA NAZ.T	Fariya NAZ.T
10	FATHIMA AAFREEN .D	Faiza Naz.D
11	HAJIRA TANJEELA.S	Hajira Tu.
12	HUZAILA FATHIMA G.F	Huzaila Fathima
13	HUZBA .V	Huzba ✓
14	HUZEFA SADAF .B	Huzeza Sadaf
15	IFRA FATHIMA .C	Ifra fathima.C
16	KHASHIYA TAZEEN.T.P	Khashiya Tazeen
17	MADAR . IFRA KWNAIN	Madar Ifra
18	MADDEKAR AIYSHA RAZEEN	Aiysha Razeen
19	MISBA .TF	Misba.TF
20	MISBAH SADATH .N	Misbah.N
21	MODI. AAMINA AYMAN	Aamina Ayman
22	MUBIN TAJ .E	MUBin.E
23	MUQLISA .T.A	Muqlisa T.A
24	NABEEHA SAMA .M	Nihan Afreen
25	NABEELA NAAZ .A	Nabeela Naaz.A



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26	NABEELA NISHATH .A	Nabeela.A
27	NASHEETHA AIMAN .S.T	Nithya Bai-S
28	NOORUNNISA .A	Noorunnisa
29	NUSAIBA NAAZ .T	Nusaiha T ^o
30	PATEL. WASEEQA FARZEEN	Rahmat
31	RAKIYA TAZEEN.G	Rakiya
32	SAFURA BEGUM NIZAMI.M	Nizami. M
33	SANUBIA .S	Sanubia .S
34	SARAH FATHIMA .C S	Sarah Fathima
35	SATHGADI.ABEERA KULSOOM	Abbeera
36	SATHGADI. MADEEHA SHABNAM	Madheha.
37	SHAHREEN.H	Shahreen. A
38	SHAZIA TABASSUM .S	Shazia
39	SIMRA SUMAN .A	Simra
40	SUFIA PARVEZ.K	Sufiya
41	TABASSIYA .K	Tahira K
42	TAKKALUM FATHIMA .K	Fathima .K
43	TASMIYA TAJ .M	Tasmia Taj .M
44	UMMAHANI SAIMA.K	Saima k
45	UMME KULSUM.K.F	Umme
46	UZEFA SUMAN .A	Suman .A
47	UZMA KULSUM .OA	Uzma
48	UZMA TABASUM	Uzma Tabasum
49	WAFIABAHEEN .A.K	Wafin

For
Dr. Suganthir



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PG DEPARTMENT OF FOODS AND NUTRITION

FRUITS, VEGETABLE AND ICE CARVING

SYLLABUS-2019-2020

Introduction to vegetable carving

Types of fruits and vegetables used for carving

Knife handling and safety

Basic techniques for carving fruits and vegetables

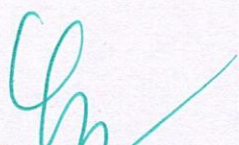
Advanced techniques for carving fruits and vegetables

Creating decorative and artistic designs using Ice

Edible centerpieces and garnishes

Food presentation




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PG DEPARTMENT OF FOODS AND NUTRITION

CERTIFICATE COURSE

ON

FRUITS, VEGETABLE AND ICE CARVING

DURATION OF COURSE (20.1.2019 - 24.1.2019) 30 HOURS

ASSESSMENT PROCEDURE

- i. Certificate course will be conducted on "Fruits, Vegetable and Ice Carving" for 30 hours
- ii. Training will be given on the art of carving with use of specific tools and techniques.
- iii. Practical test for 50 marks will be conducted on various models of fruits, vegetables
- iv. Marks will be awarded based on the following criteria .
 - ❖ Creativity- 10
 - ❖ Uniqueness-10
 - ❖ Presentation -10
 - ❖ Conceptualizing -05
 - ❖ Precision of cutting -05
 - ❖ Color combination-10
- v. Certificates will be awarded to the participants who score minimum 40% of marks .

For

A. Suganthir

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VALUE ADDED COURSE ON FEVICRYL PAINTING

11.03.2019-14.03.2019

PARTICIPANT LIST

S.NO	Reg.No	NAME	SIGNATURE
1	31218U24001	AAFIYA J	<i>Aafiya</i>
2	31218U24002	AFEERA MAHEEN	<i>Afeera</i>
3	31218U24003	ALEENA FAIZA A.F	<i>Aleena</i>
4	31218U24004	ANUSHA MUSKAN A	<i>Anusha</i>
5	31218U24005	ARSHIYA BAREEN C	<i>Arshiya</i>
6	31218U24006	ASFIYA BAREEN M.A	<i>Asfiya</i>
7	31218U24008	ASLAPPAY ARFA YUMAN	<i>Aslappay</i>
8	31218U24009	ATHIKA AIMAN K.F	<i>Athika</i>
9	31218U24010	BUSHRA C	<i>Bushra</i>
10	31218U24011	DANIYA KOUNAIN S	<i>Daniya</i>
11	31218U24012	FAHEEMA TABASSUM A	<i>Faheema</i>
12	31218U24013	FAIZA SADAF H	<i>Faiza</i>
13	31218U24014	FARIYA IRAM	<i>Fariya</i>
14	31218U24015	GAZIA TABASSUM R	<i>Gazia</i>
15	31218U24016	HOWVA TAZEEN C	<i>Howva</i>
16	31218U24017	HUZAIFA NIDA K	<i>Huzaifa</i>
17	31218U24018	KAKA RUFAN AFSHEEN	<i>Kaka</i>
18	31218U24019	KHANITA MARYAM P	<i>Khanita</i>
19	31218U24020	KHATEEB FIZRA RAHEEN	<i>Khateeb</i>
20	31218U24021	LAYIQUA ANJUM M	<i>Layiqua</i>
21	31218U24022	LUZERA SIMUN K	<i>Luzera</i>
22	31218U24023	MADDEIKAR FIZA MUSKAN	<i>Maddeikar</i>
23	31218U24024	MADIHA NOUSHEEN M	<i>Madiha</i>
24	31218U24025	MALEEHA NAYAAB M	<i>Maleeha</i>
25	31218U24026	MASEERA NOUSHEEN C	<i>Maseera</i>
26	31218U24027	MOTTUR AMRINA KULSOOM	<i>Mottur</i>
27	31218U24028	MUNEZA IMAN G	<i>Muneza</i>
28	31218U24029	MUSFIRA ZEENATH A	<i>Musfira</i>



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29	31218U24030	NAFEESA AMBAREEN N	<i>M. J. ...</i>
30	31218U24031	NAFIYA KOUSER C	<i>Nafis</i>
31	31218U24032	NUSAIBAH AFSHEEN B	<i>Nusaibah</i>
32	31218U24034	RABIYA KONAIN C	<i>Rabiya</i>
33	31218U24035	SADIYA SIDDIQA H	<i>Sadiya</i>
34	31218U24036	SADIYA ZAIB H	<i>Sadiya</i>
35	31218U24037	SAIMA KOUNAIN V	<i>Saima</i>
36	31218U24038	SAMEERA FATHIMA K	<i>Sameera</i>
37	31218U24039	SAMRA HARMAIN M.A	<i>Samra</i>
38	31218U24040	SEHRISH FATHIMA V	<i>Sehrish</i>
39	31218U24041	SHANEELA MUSKAN	<i>Shaneela</i>
40	31218U24042	SHIFA NAAZ N	<i>Shifa</i>
41	31218U24043	SIMRA SOUZEEN C.N	<i>Simra</i>
42	31218U24044	TAHOORA HARMAIN C	<i>Tahora</i>
43	31218U24045	TUBAA ZAINAB N	<i>Tubaa</i>
44	31218U24046	UMME KULSUM A.V	<i>Umme</i>
45	31218U24047	UNAISA ZAIB K	<i>Unaisa</i>
46	31218U24048	VAVANGANI AYSHA SANA	<i>Vavangani</i>

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VANIYAMBADI

DEPARTMENT OF INTERIOR DESIGN & DÉCOR

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SYLLABUS

Unit 1: Introduction to Traditional Art Techniques

Traditional art forms -Importance and relevance of traditional art in contemporary contexts -Basic principles of visual art and design.

Unit 2: Glass Painting

History and evolution of glass painting - Materials and tools required for glass painting

Techniques such as tracing, outlining, shading, and highlighting

Unit 3: Glue Art

Understanding different types of glue and their properties -Exploring various surfaces suitable for glue art - Techniques like layering, collage, and texture creation using glue -Incorporating mixed media elements into glue art

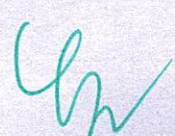
Unit 4: Fabric Painting

Introduction to fabric painting and its applications - Types of fabric paints and their characteristics - Surface preparation and pre-treatment of fabrics -Techniques including stencilling, stamping, freehand painting, and resist methods

Unit 5: Advanced Techniques and Applications

Advanced methods for each traditional art form- Exploring innovative approaches and experimental techniques- Incorporating traditional art techniques into contemporary art practices




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Recognized by UGC under sections 2(f) and 12(B) of the UGC Act, 1956

Accredited with "B" Grade by NAAC

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Phone: 04174-235266 Email: principalwac@gmail.com

www.islamiahwomensartsandsciencecollege.com

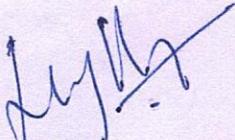
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DEPARTMENT OF INTERIOR DESIGN AND DECOR VALUE ADDED COURSE ON FEVICRYL PAINTING

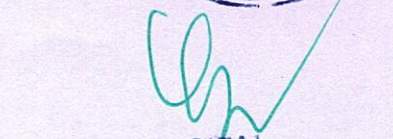
DURATION OF COURSE: 11.03.2019-14-03-2019 (30 Hours)

ASSESSMENT PROCEDURE:

- (i) A Value Added Course will be conducted on Fevicyl Painting for 30 hours.
- (ii) Training will be given using different mediums of paint on different surfaces.
- (iii) Each candidate will be given tasks such as traditional Art Techniques, Glue Art, Glass Painting, and Fabric Painting.
- (iv) For developing painting skills, exercises will include fabric painting and other advanced techniques.
- (v) Assessment will be conducted on the basis of completion of painting:
 1. Completion of painting
 - o Techniques Used
 - o Creativity
 - o Execution and Finishing
- (vi) Certificates will be awarded to participants upon completion of the course


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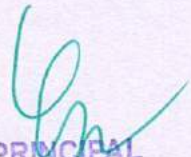
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Phone: 04174 - 235266

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NPTEL/SWAYAM NAMELIST (2018-2019)

S.No	NAME OF THE STUDENT	TITLE OF THE COURSE
1	NABEERA THAREEM K	Stress Management
2	SAFA MEHRIN V	Social Networks
3	IFRA V Z	
4	AFEEFA FARHEEN G	
5	KALAIVANI K	
6	NAZIYA BANU V	
7	SAFREEN NISHA S	Introduction to Internet of Things
8	TAQHIYATUNNISA S H	
9	NASHITA IRAM M	




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SYLLABUS - INTRODUCTION TO INTERNET OF THINGS

Course Status :



Completed
(<https://swayam.gov.in/>)
Elective



(https://swayam.gov.in/nc_details/NPTEL)

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Course Type :

Duration : About Swayam (<https://swayam.gov.in/about>) | All Courses |

0

Category :

- Computer Science and Engineering
- Systems
- Programming

Credit Points :

3

Level :

Undergraduate

Start Date :

18 Jan 2021

End Date :

09 Apr 2021

Enrollment Ends :

01 Feb 2021

Exam Date :

24 Apr 2021 IST

Note: This exam date is subjected to change based on seat availability. You can check final exam date on your hall ticket.

This is an AICTE approved FDP course

([/#facebook](#))

([/#twitter](#))

([/#email](#))

([/#linkedin](#))

([/#whatsapp](#))

(https://www.addtoany.com/share?url=https%3A%2F%2Fonlinecourses.nptel.ac.in%2Fnoc21_cs17%2Fpreview&title=Introduction%20to%20internet%20of%20things%20-%20Course)

Course layout

Week 1: Introduction to IoT: Part I, Part II, Sensing, Actuation, Basics of Networking: Part-I

Week 2: Basics of Networking: Part-II, Part III, Part IV, Communication Protocols: Part I, Part II

Week 3: Communication Protocols: Part III, Part IV, Part V, Sensor Networks: Part I, Part II

Week 4: Sensor Networks: Part III, Part IV, Part V, Part VI, Machine-to-Machine Communications

Week 5: Interoperability in IoT, Introduction to Arduino Programming: Part I, Part II, Integration of Sensors and Actuators with Arduino: Part I, Part II

Week 6: Introduction to Python programming, Introduction to Raspberry Pi, Implementation of IoT with Raspberry Pi

Week 7: Implementation of IoT with Raspberry Pi (contd), Introduction to SDN, SDN for IoT

Week 8: SDN for IoT (contd), Data Handling and Analytics, Cloud Computing


Week 9: Cloud Computing(contd), Sensor-Cloud

Week 10: Fog Computing, Smart Cities and Smart Homes

Week 11: Connected Vehicles, Smart Grid, Industrial IoT

Week 12: Industrial IoT (contd), Case Study: Agriculture, Healthcare, Activity Monitoring




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SOCIAL NETWORKS SYLLABUS

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PROF. SUDARSHAN IYENGAR

Department of Computer Science and Engineering
IIT Ropar

PROF. YAYATI GUPTA

Department of Computer Science and Engineering
Mahindra University, Hyderabad

INTENDED AUDIENCE : Any Interested Learners

COURSE OUTLINE :

The world has become highly interconnected and hence more complex than ever before. We are surrounded by a multitude of networks in our daily life, for example, friendship networks, online social networks, world wide web, road networks etc. All these networks are today available online in the form of graphs which hold a whole lot of hidden information. They encompass surprising secrets which have been time and again revealed with the help of tools like graph theory, sociology, game theory etc. The study of these graphs and revelation of their properties with these tools have been termed as Social Network Analysis.

ABOUT INSTRUCTOR :

Prof. Sudarshan Iyengar, Associate Professor at the CSE at IIT Ropar has a Ph.D. from the Indian Institute of Science (IISc). An exemplary teacher who has delivered over 350 popular science talks to students of high school and advanced graduate programmes. Prof. Sudarshan has offered more than 100 hours of online lectures with novel teaching methodologies that have reached lakhs of Students. His research interests include Data Sciences, Social Computing, Social Networks, Collective Intelligence, Crowdsourced Technologies and Secure Computation.

Prof. Yayati Gupta is an Assistant Professor in the Computer Science & Engineering Department at Mahindra University École Centrale School of Engineering. She is also an instructor for a couple of NPTEL/SWAYAM courses (Social Networks, Joy of Computing). She holds a Ph.D. in Computer Science and Engineering from Indian Institute of Technology Ropar (November 2017). Her research primarily focuses on Social Network Analysis and Complex Networks. The major research projects include "Modeling Information Diffusion" and "Understanding Virality of Internet Memes" in online social networks.

COURSE PLAN :

Week 1: Introduction

Week 2: Handling Real-world Network Datasets

Week 3: Strength of Weak Ties

Week 4: Strong and Weak Relationships (Continued) & Homophily

Week 5: Homophily Continued and +Ve / -Ve Relationships

Week 6: Link Analysis

Week 7: Cascading Behaviour in Networks

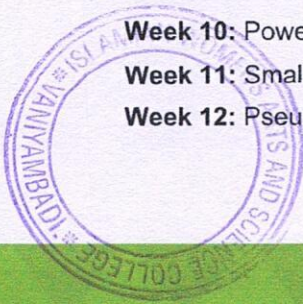
Week 8: Link Analysis (Continued)

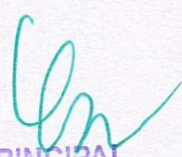
Week 9: Power Laws and Rich-Get-Richer Phenomena

Week 10: Power law (contd..) and Epidemics

Week 11: Small World Phenomenon

Week 12: Pseudocore (How to go viral on web)




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