

RADHA

DENTAL INSTITUTE

Registered under BSS: no TN/9032

PROSPECTUS

2023-24

ABOUT

RADHA DENTAL INSTITUTE

Late NRI Mr.R.K.Balakrishna Nadar of Dalavaipuram with his great interest, founded Radha Dental Clinic in the name of his wife Mrs. Radhamani Ammmal in 1994. In 1999, a bigger and better non-profitable service facility was established by his son Dr.B.Amirthalingam MDS at Anna Nagar, Madurai with he mission of providing High Quality Affordable Dental Care for everyone. Today, with high end technology and R&D center, RDC stands unrivaled at catering to oral healthcare needs of every patient who walks-in, regardless of economic boundaries



Radha Dental Institute (RDI) is located within the premises of Radha Dental Clinic facility which intergrates practical learning with intense theoretical sessions. RDI offers vocational education courses and certification through BSS (Bharat Sevak Samaj) recognized by the Central Government of India.

ABOUT

RADHA DENTAL INSTITUTE

Radha Dental Institute (RDI) has its own R&D division named ALIGN-IT that extends to manufacture the most advanced dental CAD-CAM systems the X3D. Students enrolled under RDI gets the opportunity to learn and experiment the most advanced technology in dental field thus giving them wider knowledge and promising futures.

Thanks to BSS, vocational studies now allow anyone to learn faster, acquire the necessary skills and find employment sooner.



Message from the chairman

My Aim has always been to eradicate unnecessary tooth loss by providing affordable and high quality oral and dental healthcare to all. I am proud and blessed to say that we have been successfully fulfilling this mission for the past 30 years and shall continue to do so. Our mission is to provide dental treatment from a very young age (6 months onwards) to prevent progression of dental and oral disease. We stress more upon prevention aspects of oral health problems at every age and strive to educate children and parents alike and also invite our well-wishers to join hands towards healthier smiles and happier lives.



As a step forward, I find immense pleasure introducing Radha Dental Institute with Para-Dental Courses. In addition to passionate dentists serving our country, we believe dental hygienists, dental assistants, dental technicians, dental lab technicians and forensic odontologists would take dentistry to the next level. I invite young talent to come forward and take up our courses, develop skills and contribute to a greater cause.

ACHIEVEMENTS

Free Camps



Free Treatment Section



New Facility at Dalavaipuram



ABOUT BSS

BSS (Bharat Sevak Samaj) Vocational Education Mission as an alternative education system is being established firmly in India with a mission to take education to the doorsteps of the learners, enhancing social equality and creating flexibility for lifelong learning.

BSS, for the strengthening of its Vocational Education Programme has collaborated with Indira Gandhi National Open University (IGNOU) and also with Mahatma Gandhi University (MGU) to offer various skill development courses through BSS community colleges. Apart from this, BSS is the Parent Organisation of Jan Shikhan Sansthan, Kottayam sponsored by the Ministry of Human Resource Development, Government of India.

It is in the light of this circumstances which demands the establishment of Community Colleges, BSS has started the Community Colleges as a mission movement. These colleges aim at providing job oriented, work related and skill based education to empower the disadvantaged and under-privileged.

Curriculum for diploma programme consists of life skills, work skills, internship or hands on experience and preparation for employment. Curriculum for every job oriented programme is supposed to be developed in collaboration with field practices after systematic need analysis.

The community colleges practice flexibility in terms of age, entry qualifications, fee structure, duration of hands-on experience and training for practicals. At present, the students of community colleges are given certificate of successful completion by individual community College based on the tests and examination conducted by the college internally and by assessment of skills.



PANDIT JAWAHARLAL NEHRU, FIRST PRIME MINISTER OF INDIA,
AND FOUNDER PRESIDENT OF BSS, DEDICATING BHARAT SEVAK SAMAJ
TO THE COMMUNITY, SITTING NEXT TO HIM IS
BHARAT RATNA SRI GUZARILAL WADIA, FOUNDER CHAIRMAN OF BSS



BHARAT SEVAK SAMAJ

NATIONAL DEVELOPMENT AGENCY ESTABLISHED IN 1952 BY PLANNING COMMISSION, GOVERNMENT OF INDIA

CENTRAL OFFICE

BSS BHAVAN, BB - 11, GREATER KALASH - 3, NEW DELHI - 110 048, INDIA.

CENTRAL PROGRAMME OFFICE : SATBHAVANA BHAVAN, KOWDIAH, THIRUVANANTHAPURAM - 695 003.

PROGRAMME OFFICE : BSS TOWER, BHARATHI NAGAR FIRST MAIN ROAD, TAMBARAM WEST, CHENNAI - 600 063.

Phone : +91 - 011 - 4050 5004 / 05 | cbssdelhi@gmail.com | info@bssve.in | info@bharatsevaksamaj.org

www.bssve.in | www.bsonlineeducation.net | www.bharatsevaksamaj.org | www.centralbharatsevaksamaj.org

No. TN/9032

Date : 02/11/2022

Authorised Training Centre

This is to Certify that.....
RADHA DENTAL INSTITUTE, PLOT NO.724, ANNA NAGAR, MADURAI-625020,

TAMILNADU

is the Authorised Training Centre of the National Training Programmes of Bharat Sevak Samaj, National Development Agency Established by Planning Commission, Government of India, for the period from 02/11/2022 to 31/05/2024

Courses affiliated are [AHE012] DENTAL TECHNICIAN (ONE YEAR), [AHE021] DENTAL LAB TECHNICIAN (ONE YEAR),

[AHE049] DENTAL HYGIENIST (ONE YEAR), [AHE082] DIPLOMA IN DENTAL ASSISTANT (ONE YEAR), [AHE088]

ADVANCED DIPLOMA IN FORENSIC ODONTOLOGY (ONE YEAR)

ADMINISTRATIVE OFFICER

DIRECTOR GENERAL

CHAIRMAN

Started at the instance of Planning Commission, Government of India with the object of enabling individual citizen to contribute, in the form of an organized co-operative effort, to the implementation of the National Development Plan. The constitution and functioning of Bharat Sevak Samaj is approved unanimously by the Indian Parliament.



"LOKA SAMASTHA SUKHINO BHAVANTHU"

INFRASTRUCTURE



EXPERT TEAM OF DENTIST

RDI HAS A TEAM OF OVER 10 MDS & 20 BDS DOCTORS.
WITH A RICH 30 YEARS OF CLINICAL EXPERIENCE YOU
CAN GET THE BEST KNOWLEDGE POSSIBLE

EXPERT TEAM OF DENTAL ENGINEERS

RDI HAS ITS R&D WING, ALIGN-IT WHO IS THE ONLY
INDIAN MANUFACTURER OF DENTAL GRADE 3D
SCANNERS & PRINTERS.



ADVANCED IMAGING SYSTEMS

RDI HAS MULTIPLE DIGITAL X-RAY IMAGING FACILITY AS
WELL AS 3D SCANNING FACILITY.

INHOUSE DENTAL LAB

RDI HAS AN EXTENSIVE IN-HOUSE DENTAL LAB
EQUIPPED WITH THE LATEST TECHNOLOGY OF 3D
SCANNERS, 3D PRINTERS, & MILLING UNITS



INFRASTRUCTURE



R&D DIVISION

RDI HAS ITS SEPARATE WITH THE X3D THAT HAS ITS OWN INHOUSE TEAM OF ENGINEERS & TECHNICANS WHO ARE CONSTANTLY DEVELOPING NEW TECHNOLOGY.

CONFERENCE HALL

1500 SQ CONFERENCE HALL PROVIDES FACILITY FOR SERIOUS DISCUSSION & BRAINSTORMING SESSIONS.



LADIES HOSTEL

PRIVATE/ PERSONALIZED HOSTEL FACILITY SPECIFICALLY FOR WOMAN IS PROVIDED. PROVISION FOR SINGLE/SHARING ROOMS ARE AVAILABLE.

MULTIPLE WORKING CHAMBERS

RDI HAS A TOTAL OF 9 WORKING CHAMBER THAT ARE EQUIPED TO THE HIGEST TECH.



DENTAL HYGIENIST

1 Year Course



9 dental chairs with pre-installed Ultrasonic Scalers for
Dental Scaling

SCOPE

Dental Hygienists can work at dental clinics/ dental hospitals, take x-rays, perform dental scaling and polishing, bleaching, Fluoride application and handle patients under supervision of a registered dental practitioner.

SYLLABUS

[AHE049] - DENTAL HYGIENIST - [ONE YEAR]

1	PAPER 1	AHE049-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS (MS-OFFICE)
2	PAPER 2	AHE049-02	DENTAL HYGIENIST
3	PAPER 3	AHE049-03	PRACTICAL - I
4	PAPER 4	AHE049-04	PRACTICAL - II

[AHE049] - DENTAL HYGIENIST - [ONE YEAR]

[AHE049-01] - COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS (MS-OFFICE)

COMMUNICATIVE ENGLISH

UNIT - I

Communication – communication Process - verbal communication – Non – Verbal Communication – Pros & Cons of Communication – communicative English Exercises.

UNIT - II

Phonetics – Organs of Speech – Vowels – Spelling Areas – Diphthongs – Consonants – Stress – Word Accent – The Parts of Speech in English.

UNIT - III

Communicative grammar – Classification of Nouns and Their functions – Verbs – Symbols – Pronouns – Auxiliary Verbs – Articles – Use of the indefinite article – Use of the definite article – Tenses – Prepositions – Phrasal verbs and adverb particles – Verbs Patterns and structures.

UNIT - IV

Patterns of Sentences – Direct and indirect speech – Degrees of Comparison – Simple, Complex and compound sentences – Basics of Inter – personal skills – Basics of Body language.

COMPUTER FUNDAMENTALS (MS-OFFICE)

UNIT - V

Windows Introduction – Operating System - Desk Top Icons – My Computer, Recycle Bin, Internet Explorer, Network Neighborhood, My documents.

Working with Windows – How to create a Folder, Copying and cutting files, Renaming - Start Icon – Programs, Favorites, Documents, Settings, Find, Run, Shutdown - Application Icons.

UNIT - VI

An Introduction to Word – The word workspace, Starting and quitting Word, Creating and Manipulating various documents, Editing of proofing files, merging documents and macros. -How to use Mouse and Menu – Working with dialog box - Primary Commands in File Menu – The Open commands, The File name commands - The New Commands, The Save, Save As, and Save all commands, The Close command, The page setup, The Print commands, The exit commands.

Edit Menu Commands – The Cut, Copy, and Paste commands, The Undo and Repeat Commands, Find and Replace commands-Format Commands – The view menu, the Insert menu, the tool menu, the table menu, the window menu.

UNIT - VII

Building a Simple Worksheet- Entering Text, Entering Values, Entering Dates and Times, Moving Around, Scolding Selecting Ranges, Using Menu, Using Tool Bar, Using Tool Bar, Using Shortcut Menus, Changing Entries, Copying Entries, Moving Entries, Inserting Deleting Cells - Formatting Basics – Changing Character Style, Changing Alignment, Changing Column width, Changing Row Height, Sheet Rename, Conditional Formatting,Auto Formatting.

Working with Multiple Worksheet – copying entries between workbooks, Moving sheets work books, Deleting sheets, Quitting Excel- Opening Existing Workbooks – Simple calculations, Doing arithmetic, Totaling Column of values, Naming cells and Ranges.Formatting Text – Displaying dollars and cents, Formatting decimal places,Formatting dates, Copying style and formats, Formulas that Make Decisions – Using IF function, using the nested IF function, Copying formulas.

Checking spelling, Printing Worksheets, Preview Worksheets, Goal seek, scenarios, Macro, Protection- Sorting data, Keeping leading view, Finding records, Adding and deleting records, Filtering records. Plotting charts, Sizing and moving charts, Updating charts, Changing the charts Type, Using auto format. Creating Macros, Recording Macros, Running Macros

UNIT - VII

Basics of Ms Office Tools, Ms Office Access, Ms Office Groove, Ms office one note, Ms Office outlook, Ms Office power point.

[AHE049-02] - DENTAL HYGIENIST

UNIT-1

A Graphic Summary of Restorative Dentistry - Tooth Identification Chart- Types of Restoratives- Amalgam Fillings- Composite Fillings- Pin Retention - Restorations Bonded to the Tooth

UNIT-2

Cast Metal Crown- Porcelain-Fused-To-Metal Crown - All Ceramic Crown- Cosmetic Veneer for Front Teeth- Root Canal Treatment- Restoring a Root-Treated-Tooth-Osseointegrated Implants

UNIT-3

FixedBridges-Bonded Bridges- Full Dentures- Removable Partial Dentures (RPD)-Dental Materials Reference

UNIT-4

A.Amalgams - S. Composites -C- Bonding Resins - D. Dentin Bonders- E. Cavity Liners and Bases- F. Metals - G. Ceramics- H. Cements-Temporary Restoratives-J. Root Canal Materials

UNIT-5

K. Local Anesthetics- L Denture Materials- M. Fluorides- Manufacturer's Directory-Dental Materials Report.

[AHE049-03] - PRACTICAL - I

[AHE049-03]-PRACTICAL-I should be conducted based on PAPER 1

BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE049-04] - PRACTICAL - II

[AHE049-04]-PRACTICAL-II should be conducted based on PAPER 2

BSS RECORD NOTE must be utilized by the student to complete this Practical.

DENTAL ASSISTANT

1 Year Course



9 dental Operatories with more than 30 doctors, high end equipment, sterilization area , advanced surgical operating protocols , digital X-RAY & Imaging systems

SCOPE

Dental Assistants can work at dental clinics/ craniofacial hospitals, to assist dental surgeons with various procedures.

SYLLABUS

[AHE082] - DIPLOMA IN DENTAL ASSISTANT - [ONE YEAR]			
1	PAPER 1	AHE082-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS
2	PAPER 2	AHE082-02	DENTAL MECHANICS RPD & CD
3	PAPER 3	AHE082-03	DENTAL MATERIALS
4	PAPER 4	AHE082-04	ORAL ANATOMY & ORAL PHYSIOLOGY
5	PAPER 5	AHE082-05	PRACTICAL - I
6	PAPER 6	AHE082-06	PRACTICAL - II
7	PAPER 7	AHE082-07	PRACTICAL - III
8	PAPER 8	AHE082-08	PRACTICAL - IV

[AHE082-02] - DENTAL MECHANICS RPD & CD

UNIT-1

Introduction classification term and terminology in RPD: Terminology- Indications Contra-indications of FPD -Rationale of RPDTreatment Kennedys- Classification System -Apple gate rules for Classification - Diagnosis & treatment planning

UNIT-4

Introduction Diagnostics- Examination Patient interview- Effect of physical problems on dental treatment- Effects of drug -Patients expectation -Dental history- Infection control & disinfection

UNIT-3

Evaluation of oral hygiene- Radio Graph Diagnostic impression -Introduction to CD- Definition Of Prosthodontics- Definition of CD - Diagnosis & Treatment -Planning Patient evaluation -Radiographic Examination

UNIT-4

Mouth Preparation in CD- Mouth preparation in CD Impression- Making Impression Techniques in Special Cases- Reading of Impression- Indexing Master cast

UNIT-5

Articulators & Articulation -Remounting- Lab Steps in CD - Special Complete Denture -Basic aspect of implant dentures

[AHE082-03] - DENTAL MATERIALS

UNIT-1

Important physical properties applicable to dental materials :Physical properties are based on laws of mechanics, acoustics, opticsThermodynamics, electricity, magnetism, radiation - Atomic structure or nuclear phenomena-Hue, value, chroma and translucency
physical properties based on laws of optics

UNIT-2

Colour, three dimensional colour - hue, values, chroma, Munsell system, metamerism, fluorescence, physical properties of tooth, stress during mastication - Thermal conductivity & coefficient of thermal expansion are physical properties based on laws of thermodynamic

UNIT-3

Stress, strain, proportional limit, elastic limit -Yield strength, modulus of elasticity, flexibility, resilience, impact, impact strength, permanent deformation, strength, flexure strength fatigue, static fatigue- Toughness, brittleness, ductility & malleability, hardness, abrasion resistance etc

UNIT-4

Biological considerations in use of dental materials: Materials used are with the knowledge of appreciation of certain biological considerations for use in oral cavity-Requirement of materials with biological compatibility - Classification of materials from perspective of biological compatibility

UNIT-5

Hazards associated with materials: pH affecting pulp, polymers causing chemical irritation, mercury toxicity, etc. Micro leakage, Thermal changes, Galvanism, toxic effect of materials- Disinfection of dental materials for infection control

[AHE082-04] - ORAL ANATOMY & ORAL PHYSIOLOGY

UNIT-1

Introduction to tooth morphology: Human dentition, types of teeth, & functions, Palmer's & Binomial notation systems, tooth surfaces, their junctions - line angles & point angles, definition of terms used in dental morphology, geometric concepts in tooth morphology, contact areas & embrasures - Clinical significance.

UNIT-2

Morphology of permanent teeth -Morphology of Deciduous teeth - Occlusion :Definition, factors influencing occlusion - basal bone, arch, individual teeth, external & internal forces & sequence of eruption- Inclination of individual teeth - compensatory curves

UNIT-3

Introduction to & Classification of Malocclusion- Oral Physiology - Saliva : -Mastication : Masticatory force & its measurement - need for mastication, peculiarities of masticatory muscles, masticatory cycle, masticatory reflexes & neural control of mastication.

UNIT-4

Deglutition: Review of the steps in deglutition, swallowing in infants, neural control of deglutition & dysphagia-Calcium, Phosphorous & fluoride metabolism: - Theories of Mineralization -Physiology of Taste

UNIT-5

Physiology of Speech : Review of basic anatomy of larynx & vocal cords- Voice production, resonators, production of vowels & different consonants - Role of palate, teeth & tongue- Effects of dental prosthesis & appliances on speech & basic speech disorders

[AHE082-05] - PRACTICAL - I

[AHE082-05]-PRACTICAL - I should be conducted based on PAPER 1
BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE082-06] - PRACTICAL - II

[AHE082-06]-PRACTICAL - II should be conducted based on PAPER 2
BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE082-07] - PRACTICAL - III

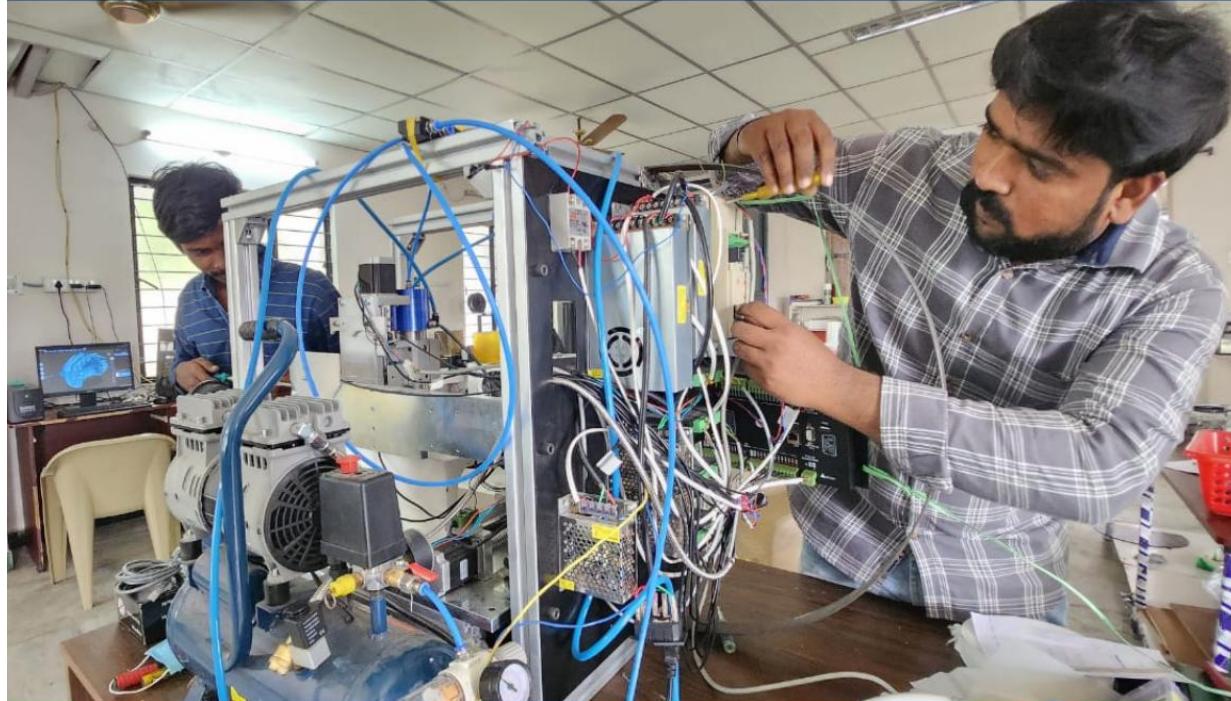
[AHE082-07]-PRACTICAL - III should be conducted based on PAPER 3
BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE082-08] - PRACTICAL - IV

[AHE082-08]-PRACTICAL - IV should be conducted based on PAPER 4
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DENTAL TECHNICIAN

1 Year Course



Dental Equipment manufacturing segment with more than 3 doctors, high end 3d scanners, computers ,3d printers & milling machines.

SCOPE

Dental technician can work at dental clinics/ dental labs/dental manufacturing facility, for service/support of dental equipment.

SYLLABUS

[AHE012] - DENTAL TECHNICIAN - [ONE YEAR]

1	PAPER 1	AHE012-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	PAPER 2	AHE012-02	DENTAL TECHNOLOGY
3	PAPER 3	AHE012-03	PRACTICAL - I
4	PAPER 4	AHE012-04	PRACTICAL - II

COMMUNICATIVE ENGLISH

UNIT - I

Communication – communication Process - verbal communication – Non – Verbal Communication – Pros & Cons of Communication – communicative English Exercises.

UNIT - II

Phonetics – Organs of Speech – Vowels – Spelling Areas – Diphthongs – Consonants – Stress – Word Accent – The Parts of Speech in English.

UNIT - III

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UNIT - IV

Patterns of Sentences – Direct and indirect speech – Degrees of Comparison – Simple, Complex and compound sentences – Basics of Inter – personal skills – Basics of Body language.

COMPUTER FUNDAMENTALS (MS-OFFICE)

UNIT - V

Windows Introduction – Operating System - Desk Top Icons - My Computer, Recycle Bin, Internet Explorer, Network Neighborhood, My documents. Working with Windows – How to create a Folder, Copying and cutting files, Renaming - Start Icon – Programs, Favorites, Documents, Settings, Find, Run, Shutdown - Application Icons.

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UNIT - VII

Basics of Ms Office Tools, Ms Office Access, Ms Office Groove, Ms office one note, Ms Office outlook, Ms Office power point.

DENTAL TECHNOLOGY

UNIT-1

Introduction - Dental formulae- Chronology - Anatomical Land marks- Impression trays: Impression trays classification - Primary impression care - Final Impression care: Beading and boxing of final impression -Construction of special trays with-i. Shellac base plate- ii. Self cure acrylic with spacer and without spacer

UNIT-2

Cast preparation and trimming- Preparation of occlusal rims - Articulators i. Classification ii. Parts of Articulator- Selection of teeth

Principles of teeth setting i. Maxillary ii. Mandibular - Articulation -Occlusal plane - Curve of spee. -Compensating curve - Balancing occlusion

UNIT-3

Protrusive Balance - Over Jet - Over bite - Key of occlusion-Flasking-Dewaxing- Packing - Curing -Deflasking- Trimming -Finishing and polishing of Acrylic dentures- Denture relining & rebasing - Immediate denture - Denture repair with : i. Self cure acrylic - Heat cure acrylic

UNIT-4

Kennedy's Classification of partial dentures - Principles of partial denture design - Surveyor: parts of surveyor, uses of surveyor, blocking undercuts- Duplicating the cast

UNIT-5

Designing of removable partial denture, parts of clasp- Principles of wire bending - wrought wire clasp preparation -'C' clasp preparation - Parts of removable partial dentures.

PRACTICALS

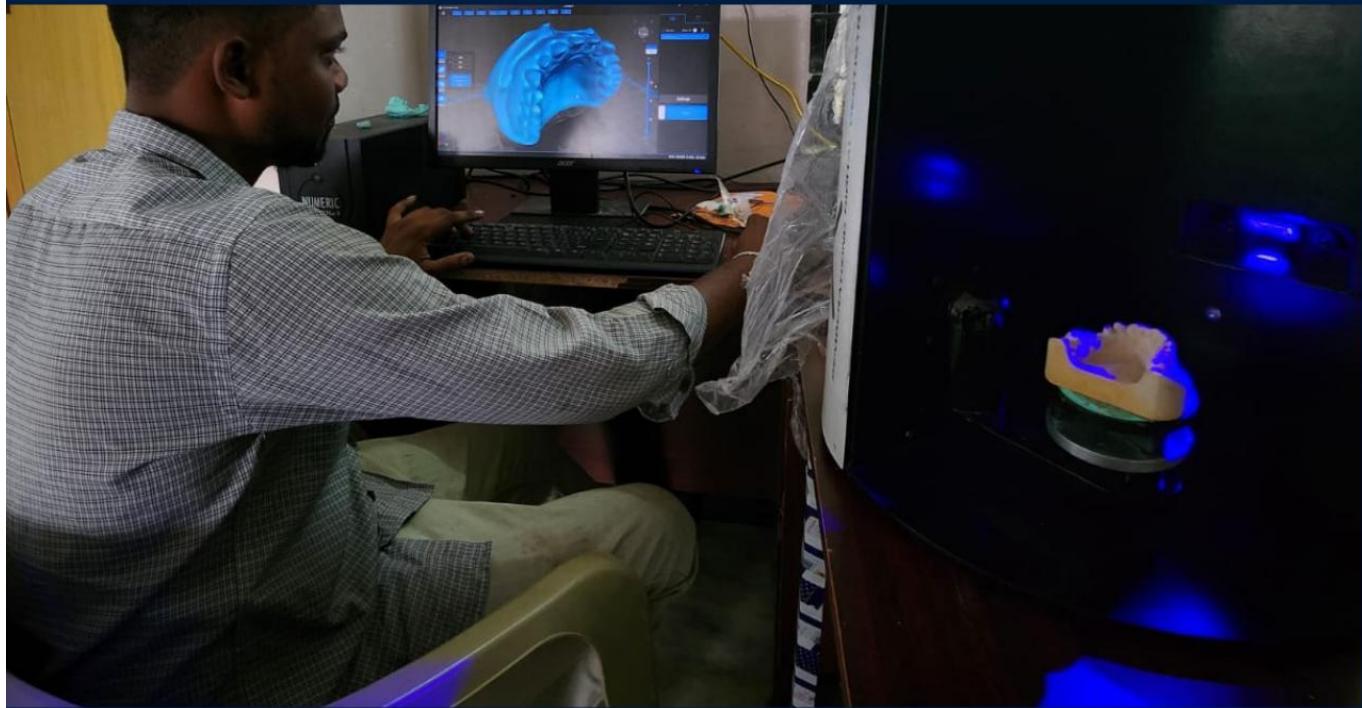
[AHE012-03]-PRACTICAL - I should be conducted based on PAPER 1
BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE012-04]-PRACTICAL - II should be conducted based on PAPER 2
BSS RECORD NOTE must be utilized by the student to complete this Practical

DENTAL

LAB TECHNICIAN

1 Year Course



Dental prosthesis & aligner manufacturing segment with more than 6doctors, high end 3d scanners, computers ,3d printers & milling machines.

SCOPE

Dental lab technician can work at dental clinics/ dental labs, for assist dental surgeons/labs on fabrication of dental prosthesis.

SYLLABUS

[AHE021] - DENTAL LAB TECHNICIAN - [ONE YEAR]			
1	PAPER 1	AHE021-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	PAPER 2	AHE021-02	ANATOMY
3	PAPER 3	AHE021-03	DENTAL PATHOLOGY
4	PAPER 4	AHE021-04	DENTAL HYGIENE
5	PAPER 5	AHE021-05	PRACTICAL - I
6	PAPER 6	AHE021-06	PRACTICAL - II
7	PAPER 7	AHE021-07	PRACTICAL - III
8	PAPER 8	AHE021-08	PRACTICAL - IV

[AHE021-02] - ANATOMY

UNIT-1

Introduction to Anatomy - Tissue Organization -Spinal Nerves - Sensory and Motor Tracts

UNIT-2

Cranial Nerves - Special Senses - The Heart I -Blood Vessels - Blood Circulation - Upper Respiratory System

UNIT-3

Lower Respiratory System -Digestive System I - Digestive System II - Accessory Organs

UNIT-4

Urinary System I - Urinary System II - Male Reproductive System

UNIT-5

Female Reproductive System - Female Reproductive System II

[AHE021-03] - DENTAL PATHOLOGY

UNIT-1

Introduction , Terminologies, The cell in health, The normal cell structure, The cellular functions -Etiology and Pathogenesis of disease, Cell Injury Types - congenital, Acquired Mainly Acquired causes -Cell death& Necrosis Apoptosis, definition, causes, features and types of necrosis Gangrene

UNIT-2

Dry, wet, gas Pathological Calcifications - Degenerations, Amyloidosis, Fatty change, Cloudy swelling, Hyaline change, mucoid degeneration - Inflammation, Definition, causes types, and features, Acute inflammation- Healing Regeneration, Repair Mechanisms, Healing by primary intention

UNIT-3

Immunological mechanisms in disease Humoral& cellular immunity Hypersensitivity & autoimmunity - Infections & infestations - Syphilis-Typhoid, Epidemiology, Pathogenesis, Pathological features, Diagnostic criteria, Thrombosis - Tuberculosis, Epidemiology, Pathogenesis

UNIT-4

AIDS & Hepatitis-Actinomycosis- Candidiasis -Mucormycosis- Pyogenic infections - Disorders of circulation, Hyperemia, Shock - Definition, Pathophysiology, Formation, complications & Fate of a thrombus - Embolism, Definition, Types, Effects - Ischemia and Infarction

UNIT-5

Nutritional Disorder- Diabetes Mellitus- Hypertension-Pathophysiology, Effects in various organs - General Aspects of neoplasiaCommon diseases of Bones, Osteomyelitis, Metabolic bone diseases, Bone Tumours, Osteosarcoma, Osteocalstoma, Giant cell Tumour, Ewing's sarcoma

[AHE021-04] - DENTAL HYGIENE

UNIT-1

Introduction to Dentistry: Definition of Dentistry, History of dentistry, Scope, aims and objectives of Dentistry- Public Health: Health & Disease- Definition & Concepts, History of public health - General Epidemiology: - Definition, objectives, methods

UNIT-2

Environmental Health: Concepts, principles, protection, sources, purification environmental sanitation of water, disposal of waste, sanitation, their role in mass disorder - Health Education: - Definition, concepts, principles, methods, and health education aids

UNIT-3

Nutrition in oral diseases -Behavioral science: Definition of sociology, anthropology and psychology and their relevance in dental practice and community - Health care delivery system: Center and state, oral health policy, primary health care, national programmes, health organizations

UNIT-4

Dental Public Health - Definition and difference between community and clinical health- Epidemiology of dental diseases-dental caries, periodontal diseases, malocclusion, dental fluorosis and oral cancer- Survey procedures: Planning, implementation and evaluation

UNIT-5

Delivery of dental care: Dental auxiliaries, operational and non-operational, incremental and comprehensive health care, school dental health- Payments of dental care: Methods of payments and dental insurance, government plans - Preventive Dentistry- role of individual, fluorides in dentistry

[AHE021-05] - PRACTICAL - I

[AHE021-05]-PRACTICAL - I should be conducted based on PAPER 1
BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE021-06]-PRACTICAL -II

II should be conducted based on PAPER 2
BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE021-07] - PRACTICAL - III

[AHE021-07]-PRACTICAL - III should be conducted based on PAPER 3
BSS RECORD NOTE must be utilized by the student to complete this Practical.

[AHE021-08] - PRACTICAL - IV

[AHE021-08]-PRACTICAL - IV should be conducted based on PAPER 4
BSS RECORD NOTE must be utilized by the student to complete this Practical.

2023

RADHA DENTAL INSTITUTE

PLOT NO. 724

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MADURAI - 625020



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