## SWARUNIM PATOMENTAL

# Swarrnim Startup and Innovation University, Gandhinagar Aarihant Homoeopathic Medical College <u>VALUE ADDED COURSE(2022-23)</u>

Course name -Electrocardiography (ECG) – Interpretation & Application in Clinical

Practice

Organizing Department - Practice of Medicine

Course code - VACECG

Course co-ordinators - Dr Krishna Biswal

Duration - 30 hours

Date -1stJan 2023 to 25thFeb,2023

Course Time: 2 hours Friday and 2 hours on Saturday

Course Duration: 2 months (1st January to 25th february, 2023)

Time of lecture: 5:00 pm to 7:00 pm

Resource Person:

Google Meet link:

### Aim

1. To get knowledge of the basic principles of Electrocardiography.

## **Objectives**

- 1. To understand the basic cardiac anatomy & physiology.
- 2. Identify & understand the basic ECG waves & intervals
- 3. Enumerate the procedure for taking an ECG
- 4. Interpretation & diagnosis of cardiac arrhythmias, Hypertrophies, ischemia, MI,
  Conduction problem, Heart failure & pacemaker activity
- 5. Assessing therapeutic options for patient with heart failure.
- 6. Differentiate a normal ECG from an abnormal ECG

District none

Principal
Arihant Homoeopathic
Medical College & R.I.
Bhoyan Rathod, Gandhinagar



# Swarrnim Startup and Innovation University, Gandhinagar Aarihant Homoeopathic Medical College

## **VALUE ADDED COURSE(2022-23)**

## Content of the course

Sr.no.	Module	Duration
1.	ECG BASIC	2 hours
2.	ELECTROPHYSIOLOGY	2 hours
3.	DEFINITION	2 hours
4.	GRAPH PAPER	2 hours
5.	LEADS	2 hours
6.	HEART SURFACE WALL & LEADS	2 hours
7.	AXIS	2 hours
8.	ECG ARRHYTHM&A	2 hours
9.	ECG BLOCK	2 hours
10.	НҮРЕТТКОРНҮ	2 hours
11.	ECG VARIANTS IN ELECTROLYTE IMBALANCE AND DRUGS	2 hours
12.	Ml .	2 hours
13.	UNSTABLE ANGINA /	2 hours
14.	PRIZMETAL ANGINA	2 hours
15.	ST SEGMENT ELEVATION MI&NON-STSEGMENT ELEVATION MI	2 hours

## Teaching aids

PPTs, Videos, Case studies, ECG machine practical sessionand Discussion.

### Assessment criteria

Assessment would be done based on oral examination, ECG graph Interpretation, diagnostic skills& ECG based Quiz test. The certificate would be provided on successful completion of the course.

Eligibility criteria

Medical Students - UG, PG students of BAMS.

Signature of Hob

Principal
Arihant Homoeopathic
Mediহিঃশভাহিত্তি প্রনিষ্ঠের।
Shovan Rathod, Gandhinagar