



PRAKASH SHIKSHAN MANDAL'S

**LOKNETE RAJARAMBAPU PATIL AYURVEDIC MEDICAL
COLLEGE, HOSPITAL, POST GRADUATE INSTITUTE AND
RESEARCH CENTER, ISLAMPUR**

**VALUE ADDED
COURSE
IN
ECG READING**

(DESIGNED BY DEPT. OF KAYACHIKITSA)

Aim :

To establish training in ECG Diagnosis.

Course Objectives:

1. To establish basic knowledge of ECG
2. To explain importance and scope of ECG
3. To explain recent advances in ECG

Scope of programme :

1. Understanding the importance of ECG
2. Interpretation of ECG
3. Making a diagnosis with the help of ECG

Eligibility Criteria: BAMS students of IV year/ Interns/ PGs

Course Design:

Name of the Course	Value Added Course in ECG Reading
College Code	122113
Course Code	VACKC
Duration	6 Months
Teaching Scheme: Lecture/ practical	15 hrs
Evaluation Scheme	Method of Examination: Multiple choice examination : 50 marks Passing Criteria : Minimum 50% Marks
Course Language	English& Marathi
Intake Capacity	30

Course Content:

Sr. No.	Syllabus Content	Teaching Hours
1.	ECG, Normal Waves & Segments	1 Hr
2.	How to record ECG- ECG leads, placement & recording of ECG	1 hr
3.	The Normal ECG, Determination of HR ,Interval measurement	1hr
4.	Sinus Rhythm, Sinus Bradycardia, Sinus Tachycardia, Arrhythmias & its interpretation	1 hr
5.	Abnormalities of P wave & its interpretation	1hr
4.	AV Node Dysfunction – Deformities of PQ segment & its interpretation	1 hr
5.	Intraventricular Conduction Disturbances & its interpretation	1hr
6.	Atrial Tachycardia, Atrial Flutter, Atrial Fibrillation & its interpretation	1hr
7.	Ventricular Tachyarrhythmias & its interpretation	1hr
8.	Intraventricular Conduction Disturbances & its interpretation	1hr
9.	Atrial Abnormalities & its interpretation	1hr
10.	Bundle Branch Block & its interpretation	1hr
11.	ST Segment Deformities, Ischaemic Heart Disease & its interpretation	1hr
12.	Deformities of T & U wave, LGL Syndrome, WPW syndrome & its interpretation	1hr
13.	Electrolyte Imbalance – Hypo/Hypercalcaemia, Hypo – Hyperkalaemia & its interpretation	1hr
14.	Identification of abnormalities in ECG	1hr
15.	Identification of abnormalities in ECG	1hr

Reference Books:

- Understanding of ECG – Dr. P.J. Mehta
- Interpretation of ECG – Dr. P. J. Mehta
- A Handbook of ECG – Golwalla
- The ECG made easy – John Hampton