

# Krishna Vishwa Vidyapeeth

(Deemed to be University), Karad

Curriculum for Fellowship in

## Diabetology

Duration 1 year

### CONTEXT AND BACKGROUND

Diabetes Mellitus (DM) is a common endocrine disorder that inflicts a large segment of the population the world over. With changes in lifestyle inclusive of dietary changes, alteration in physical activity and other exogenous factors it has reached epidemic proportions over the last two decades. Considering steady rise in the incidence of diabetes mellitus, related metabolic diseases, associated macro and micro-vascular complications and Atherosclerotic cardiovascular diseases (ASCVD) it is imperative to have a comprehensive approach to manage diabetes mellitus in the community by a competent physician.

### OBJECTIVES

The aim of this fellowship is to prepare medical graduates possessing requisite knowledge, skill and competency so that they will be able to manage diabetes mellitus and related metabolic diseases better.

### ELIGIBILITY:

MBBS with min. 3 years' experience **OR** MD (Medicine) recognised by NMC.

### CLINICAL EXPERIENCE AND TEACHING ACTIVITIES:

Teaching of core curriculum is emphasized on acquisition of subject specific knowledge, clinical skill, procedural skill, communication skill and medical professionalism & Ethics.

### METHODS OF TRAINING:

- Self-directive learning (SDL), Problem based learning, Bedside clinic, integrated teaching (Surgery, Cardiology, Ophthalmology, Neurology, Nephrology, OB & Gyn, Biochemistry, Pathology etc, Skill and Simulation Lab training.
- Workshop, Symposium, seminar, CME, Journal club etc.

### SYLLABUS:

#### Module 1 :

- 1.1 = Physiology of diabetes ,
- 1.2 = pathogenesis diagnosis and classification of diabetes,
- 1.3 = nutrition therapy of diabetes,
- 1.4 = exercise in diabetes ,
- 1.5 = counseling in diabetes,

1.6 = oral Anti Diabetic agents.

**Module 2 :**

- 2.1 = insulin therapy practical aspects,
- 2.2 = foot care in diabetes,
- 2.3 = peripheral neuropathy and diabetes ,
- 2.4 = therapeutic footwear and orthosis in diabetes,
- 2.5 = hypertension in diabetes.

**Module 3 :**

- 3.1 = cardiovascular disease,
- 3.2 = dyslipidemia in diabetes,
- 3.3 = neuropathy in diabetes,
- 3.4 = diabetes retinopathy,
- 3.5 = emergency in diabetes,
- 3.6 = infections in diabetes

**Module 4 :**

- 4.1 = pregnancy and diabetes,
- 4.2 = childhood diabetes,
- 4.3 = surgery and anaesthesia in Diabetes,
- 4.4 = the laboratory reading in diabetes ,
- 4.5 = diabetic autonomic neuropathy,
- 4.6 = secondary diabetes and specific types,
- 4.7 = integrity diabetes care

**Assessment:**

- Theory examination (200 marks): Two papers of 100 marks each
- Practical Examination (200 marks): Long case structured assessment, Short case structured assessment, OSCE/ OSPE examination,
- Oral structured viva voce examination
- Logbook



**Duration of the Program : 1 year**

**Tuition Fee of the Program : USD 2000**

