



**YENEPOYA**

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

**Deralakatte, Mangaluru -575018**

**Value Added Course**

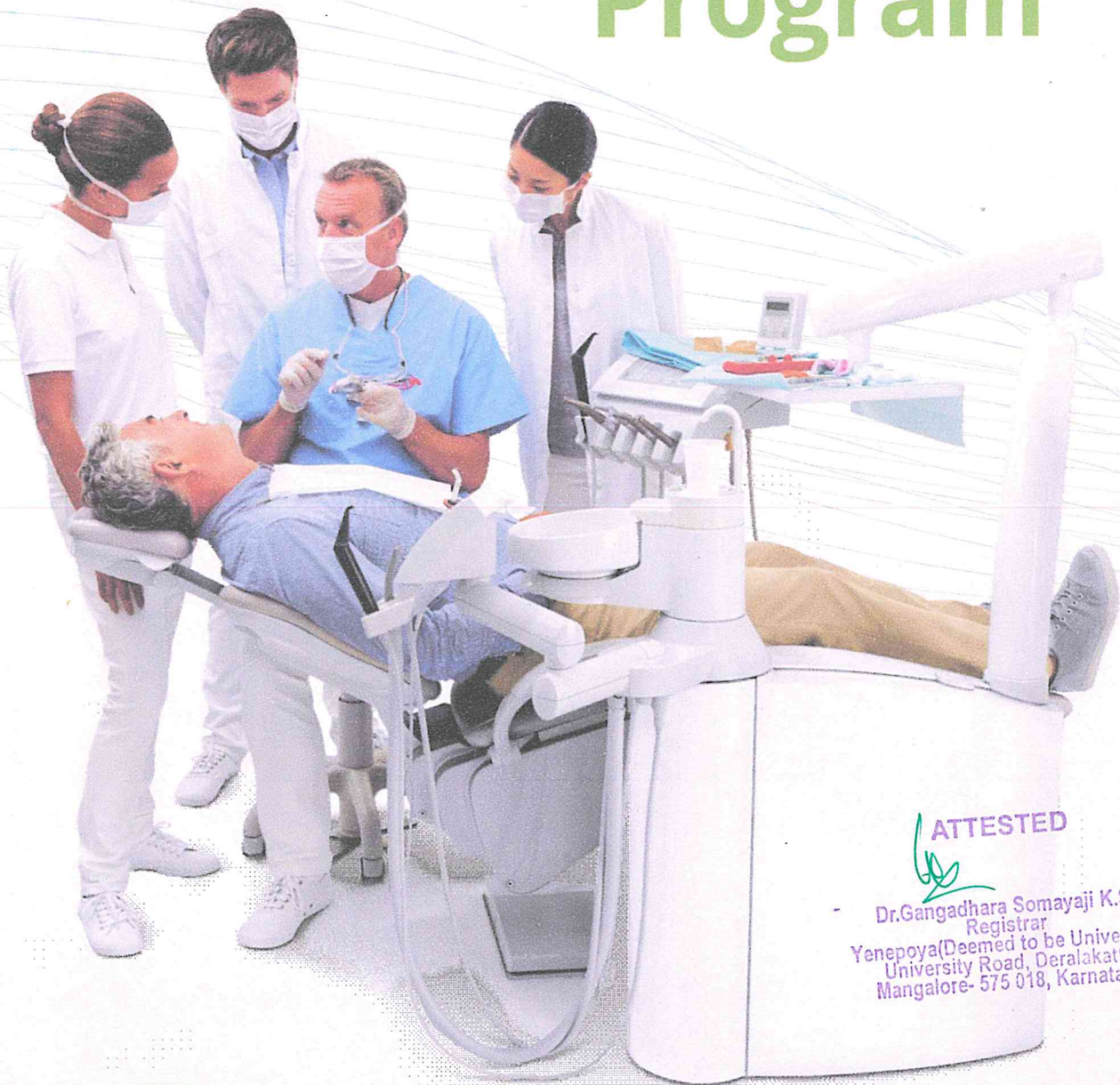
**Basic Implantology**

**DCC-1**


**ATTESTED**

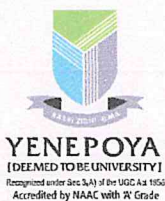
**Dr.Gangadhara Somayaji K.S.**  
Registrar  
Yenepoya(Deemed to be University)  
University Road, Deralakatte  
Mangalore- 575 018, Karnataka

# Comprehensive Implant Program



ATTESTED

  
Dr. Gangadhara Somayaji K.S.  
Registrar  
Yenepoya (Deemed to be University)  
University Road, Deralakatte  
Mangalore- 575 018, Karnataka



DEPARTMENT OF  
**YENEPOYA DENTAL COLLEGE**  
Deralakatte, Mangaluru






# COMPREHENSIVE BASIC IMPLANT PROGRAM

## COURSE CURRICULUM

- Basic biology and anatomy in relation to implant therapy
- Surgical procedures when placing a single implant into a healed site and the required level of clinical skills to perform such treatment
- Surgical template construction
- Simple flap design
- Basic suturing techniques
- An overview of basic bone grafting
- Effective patient communication and the importance of receiving consent prior to implant placement
- How to interpret findings from radiological examination
- Clinical assessment of a patient's suitability for implants
- How indications and contraindications may affect treatment options
- Basic instrumentation required for surgical placement of implants
- Clinical protocols and techniques associated with implant placement
- Provisionalization during healing
- Final Prosthesis fabrication and cementation
- Guidelines to correct implant maintenance

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# IMPLANT COURSE SCHEDULE

## MODULE I

Faculty : Dr. Hasan Sarfaraz / Dr. Anjan Shah (Oral Surgeon)

### INTRODUCTION AND BASICS MODULE

- Introduction of the Implant system/ equipment/ sterilization
- Diagnosis and treatment Planning
- Hands-on on models
- Live surgical Demonstration by the mentor.

### PLACEMENT OF DUMMY IMPLANT BY STUDENTS:

The participants will place 1 dummy implant under the guidance and supervision of mentor and the in-house faculty on dummy mandibles.


## MODULE II 3days

Faculty : Dr. Anjan Shah (Oral Surgeon)

### SURGICAL MODULE

- Live surgery-implant placement procedure by mentor
- The participants will place 1 implant under the guidance and supervision of mentor and the in-house faculty. The participant may also place more implants over a period of 3months. The uncovering of the demonstration case and the participants first case will be done prior to the 3rd module.

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# IMPLANT COURSE SCHEDULE

MODULE III  
3days

Faculty : Dr. Hasan Sarfaraz / Dr. Mahendranath Reddy  
(Prosthodontist)

## PROSTHETIC MODULE

- Prosthodontic indications, introduction to prosthodontic components
- Hands-on on models
- Impression making, pouring of cast and cementation of the prosthesis

## RESTORATION OF IMPLANTS BY STUDENTS:

The participants will restore the implants placed by them under the guidance of mentor and in house faculty.

## COURSE FEE :

₹1,50,000/-

includes Implants and the prosthetic components, dummy implants, dummy jaws for hands on and lecture Handouts.

*(Yenepoya Dental College Alumni's can avail special Discount )*

## Speakers Dr. Anjan Kumar Shah



Dr. Anjan Kumar Shah is an Oral & Maxillofacial surgeon with a special interest in Head & Neck surgery.

He specializes in facial reconstruction with micro vascular flaps and rehabilitation with implants.

He completed his dentistry from Government Dental College, Bangalore in 1994, and followed this with a Masters in Oral & Maxillofacial surgery from Nair Hospital Dental College, Mumbai.

He followed this with resident posts in Oral oncology at Kiwai Institute of Oncology and moved to UK to complete his Fellowships. He has trained and worked at Southampton University, Sheffield University and Ipswich Hospital.

He hold 3 fellowships, 2 from the English and Irish Royal colleges and one in Implantology.

Dr. Anjan Shah is head of the department of Implantology at Rajarajeswari Dental College, Bangalore and runs a one year certificate programme in Implantology under Rajiv Gandhi university.

He is also a mentor for Nobel Biocare and has guided a number of dentists into developing implants in their practice.

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## Speakers Dr. Mahendranadh Reddy



### Education Qualification:

B.D.S. 1982 - 1987, Govt. Dental College and Hospital Osmania University,  
M.D.S 1989 - 1991. Bapuji Dental college and Hospital, Mysore University  
Diploma in Laser Dentistry 2011 Achen University (Germany) Manipal University (India)  
combined programme.

Dr. Reddy is an active Prosthodontist based out of Hyderabad & a well known figure in academic circles.

### Current Positions:

Professor in Prosthodontics - Sri Sai College of Dental Surgery.

He is the Secretary Asian Academy of Prosthodontics.

He was the Immediate Past president. Indian Prosthodontic Society.

He is also the Director and Executive board member IALD - (Indian Academy of Laser Dentistry).

He is a very active member in state dental council since 1995.

Dr. Reddy is also on the panel of mentors for Nobel Biocare in India.

## Speakers Dr. Hasan Sarfaraz



Dr. Hasan Sarfaraz completed his PhD from Yenepoya University in 2016, completed his master's degree in Prosthodontics from Rajiv Gandhi University of Health Sciences 1999.

He has been in private practice for more than 16 yrs, placing emphasis on minimally invasive esthetic dentistry and oral Implantology.

He is Fellow of International Congress of Oral Implantologist and has completed the Fellowship Program in Implantology from Yenepoya Dental College in association with Nobel Biocare.

Current position: HOD Department of Implantology and Professor in the Department of Prosthodontics, Yenepoya Dental College. He was instrumental in establishing and developing the Department of Implantology in the year 2006 focusing on the interdisciplinary approach towards this treatment modality and training more than 10 batches of students.

Editor-in-Chief for the journal published by the society - The Journal of Interdisciplinary Dentistry.

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## COURSE OVERVIEW

The Implant training program is designed for fresh dental graduates as well as post graduates who wish to expand their treatment capabilities to include treatment planning for dental Implants, placement and restoration of dental implants. This comprehensive surgical and prosthetic Implant training program focuses on implant placement into healed sites and prosthetic restoration of the same. Upon completion of this program, the participants will be able to identify suitable patient cases and would have the basic skills needed to develop a systematic approach to treatment planning an implant case. Participants will gain valuable hands-on experience through skill lab, clinical and laboratory exercises.

## COURSE STRUCTURE:

- 3 Modules spread over 6 months
- 9 days

### Each Module Contains:


- Lectures
- Hands on sessions
- Live clinical and laboratory demonstration.
- Treatment of patients for Implant supported prosthesis

### Highlights:

The main features of this program will be:-

- To provide the participants a through systematic and logical exposure to implant dentistry.
- To have effective incorporation of implant dentistry in their dental practice.
- Rational creation of overall treatment plans in relation to implant dentistry.
- Program based on realities of private practice and not just theoretical aspects. Didactic and interactive sessions on laboratory and surgical phases.
- The delegates will be encouraged to treat as many patients for implant supported prosthesis with proper treatment planning and guided execution of their plans.

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**CENTRE FOR ORAL IMPLANTOLOGY  
YENEPOYA DENTAL COLLEGE**

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**Deralakatte, Mangaluru -575018**

**CERTIFICATE COURSE IN BASIC IMPLANTOLOGY**

**YEAR OF INTRODUCTION: 2007**

**ATTESTED**

  
Dr. Gangadhara Somayaji K.S.  
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Yenepoya (Deemed to be University)  
University Road, Deralakatte  
Mangalore- 575 018, Karnataka



CENTRE FOR ORAL IMPLANTOLOGY  
YENEPOYA DENTAL COLLEGE

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Office of the Registrar  
Yenepoya University

No.YU/GENL/005/CGM/2010

18-08-2010

NOTE TO THE PRINCIPAL, Y.D.C.

The Core Group at its meeting held on 12-08-2010 approved the proposal given by you for Implantology Training Programme. You may kindly take necessary steps for conducting the said training programme successfully.

*Sdruar*  
REGISTRAR  
Registrar  
Yenepoya University  
University Road, Deralakatte  
Mangalore-575016

Office of the Registrar  
Despatch No: 36 ←  
Date: 18-8-2010.

*DR. Somayaji K. Makich  
X give me a copy of the post*

*[Signature]*  
Principal  
YENEPOYA DENTAL COLLEGE  
Deralakatte, Mangalore - 575016

ATTESTED

*[Signature]*  
Dr.Gangadhara Somayaji K.S.  
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**ATTESTED**  
  
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**DEPARTMENT OF IMPLANTOLOGY  
CERTIFICATION COURSE ON IMPLANTOLOGY –  
BASIC LEVEL**

**1. PREAMBLE**

Oral implantology is a rapidly evolving field within dentistry and there is strong demand in the marketplace for prosthetic rehabilitation using oral implants. Implant supported prosthesis is a successful and predictable treatment option and has had a marked influence in expanding the range of treatment options available to the dentist. It is clearly one of the major advances within oral health care sciences in modern time.

The clinical training in this area of specialization is still not included in the curriculum of undergraduate programs, therefore this course is aimed to help the graduate to learn the clinical skills needed to integrate oral implant as an option for the provision of restorative solutions for single or partial missing teeth. The training also helps the student to think critically and to make informed decisions from evidence-based research.

**2. TYPE OF COURSE**

A Skill based interdisciplinary course

**3. NATURE OF COURSE**

Certificate course

**4. DURATION OF THE COURSE**

- 3 Modules of 3 days each spread over 6 months - 9 days
- 27 hours of theory.
- 6 hours of hands on training.
- 30 hours of clinical training.

**5. SCOPE OF THE COURSE**

The Implant training program is designed for General Practitioners as well as post graduates who wish to expand their treatment capabilities to include treatment planning and placement of dental implants. This comprehensive surgical training program focuses on implant placement into healed sites. Upon completion of this program, the clinician will be able to identify suitable patient cases and would have the basic skills needed to develop a systematic approach to treatment planning an implant case. Participants will gain valuable hands-on experience through practical exercises.

**ATTESTED**



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# CENTRE FOR ORAL IMPLANTOLOGY YENEPOYA DENTAL COLLEGE

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## 6. NATURE OF CURRICULUM

Theoretical and skill oriented

## 7. COURSE CONTENT (SYLLABUS)

- Basic biology and anatomy in relation to implant therapy
- Surgical procedures when placing a single implant into a healed site and the required level of clinical skills to perform such treatment
- Surgical template construction
- Simple flap design
- Basic suturing techniques
- An overview of basic bone grafting
- Effective patient communication and the importance of receiving consent prior to implant placement
- How to interpret findings from radiological examination
- Clinical assessment of a patient's suitability for implants
- How indications and contraindications may affect treatment options
- Basic instrumentation required for surgical placement of implants
- Clinical protocols and techniques associated with implant placement
- Provisionalisation during healing
- Final Prosthesis fabrication and cementation
- Guidelines to correct implant maintenance

## 8. TRANSANCTION OF CURRICULLUM

Didactic / Hands on / Clinical

## 9. TEACHING METHOD

Lectures / Hands on / Live Surgical Demonstrations / Clinical cases

## 10. ELIGIBILITY

BDS from an institute recognized by the Dental Council of India

## 11. COURSE FEE

Rs. 1,50,000/- Participants will be provided with 4 Nobel Biocare Implants and 4 abutments. The prosthetic components will be lent during the modules on a case requirement basis.

  
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# CENTRE FOR ORAL IMPLANTOLOGY

## YENEPOYA DENTAL COLLEGE

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### 12. FACULTY REQUIREMENT

- Dr. Hasan Sarfaraz (Internal)
- Dr. Anjan Kumar Shah–Maxillo Facial Surgeon (External)
- Dr. Mahendranath Reddy – Prosthodontist (External)

### 13. MATERIAL REQUIREMENT

- Implants and Abutments
- Surgical consumables and irrigation sets
- Prosthetic components and Impression materials
- Prosthesis processing in Dental Laboratory

### 14. BUDGET

Approximately Rs. 80,000/- per Participants

Rs. 65,000/- to be paid to Nobel Biocare for 4 Nobel Biocare Implants and 4 abutments, towards honorarium of the external faculty, lending the department with additional surgical kits and physiodispensers during the modules.

Rs. 15,000/- towards other prosthetic components, prosthesis charges, consumables and hospitality expenses.

### 15. OBJECTIVE OF THE COURSE

- To provide the participants a through systematic and logical exposure to implant dentistry.
- To help the participants to effectively incorporate implant dentistry into their dental practice.
- Rational creation of overall treatment plans in relation to implant dentistry.
- To provide a program based on realities of private practice and not just theoretical aspects.
- To Provide a skill oriented interactive sessions on laboratory and surgical phases.

### 16. TIMING OF THE COURSE

The course will be conducted during the normal working hours of the department, and may extend up to 5:30 PM

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### 17. EVALUATION METHOD

Must place a minimum of 3 Implants under the guidance of the faculty and restore them

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**18. ATTENDANCE**

Must attend all the 3 modules a total of 9 days spread over 6 months

**19. INTERSHIP**

Not Applicable

**20. PASS CRITERIA**

Not Applicable

**21. CERTIFICATE AWARDED BY**

Yenepoya Dental College in Association with Nobel Biocare India Pvt. Ltd.

**22. BROCHURE**

Enclosed

**APPROVAL AND AUTHORITY TO PROCEED**

We approve the project as described above, and authorize the team to proceed.

Name	Title	Date


Approved By

Date

Approved By

Date

**ATTESTED**

  
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