



VIDYAPEETH

DEEMED TO BE UNIVERSITY

NIRF - INDIA RANKINGS 2019 : 72 among Universities in India

INDIRA GANDHI INSTITUTE OF DENTAL SCIENCES

FELLOWSHIP IN IMPLANTOLOGY

SYLLABUS & REGULATIONS



2019-2020 ONWARDS (As Approved in the Academic Council at the Meeting held on 22.05.2019)



SRI BALAJI VIDYAPEETH

INDIRA GANDHI INSTITUTE OF DENTAL SCIENCES



FELLOWSHIP IN ORAL IMPLANTOLOGY

- COURSE STRUCTURE -

Name of the course	: Certificate course in Oral Implantology
Eligibility	: Post BDS, MDS
Degree offered by	: Sri Balaji Vidyapeeth
Type of Programme	: Training Heutagogy/Evaluation by Credit points
Total credits	: 35
	[10 credits for theory and
	25 credits for practicals and clinics]
Course Duration	:1 year [July to July].

Course Duration

TABLE -1: COURSE OUTLINE [35 CREDITS]

SI No	Activity	Description	Credits
1 Table 2	Academic activity and Assignment	Academic Presentations by Faculty and Participants	10
2 Table 3	Demonstrations	On Simulated model with Discussion on the procedure, components of instruments, armamentarium and of materials.	4
3 Table 4	Apprenticeship Training	Assisting and also performance under guided supervision	8
4 Table 5	Practical Assignment	Selected Cases[5] performed individually of the total 10 cases, documented and presented stepwise including treatment planning and execution. [Basic Implant Placement to loading]	9
5 Table 5	Practical Can Choose any one of the mentioned types of cases	Selected cases [1] performed [under guidance] documented and presented stepwise including treatment planning and execution. [Surgical adjuncts including graft/membrane placement, sinus lift, ridge split, autologous bone grafts, periodontal soft tissue procedures for esthetic enhancement, immediate implant placement, immediate loading, advanced abutment options]	4
Total			35

1 Academic activity [lecture/presentation]	:1 educational hour
2 hours in Clinic or Demonstration/Preclinical	:1 educational hour
16 educational hours of lecture	: 1 credit

PLANNED ACTIVITIES DURING THE FELLOWSHIP PROGRAMME

TABLE 2: THEORY ACTIVITY [10 credits]

SI No	Торіс	Department	No of Hours
		mvoived	III Class
	ACADEMIC PRESENTATION BY FACULTY		
BASICS	– MODULE 1		
1	Introduction	Periodontics	1
2	Implants and Components	Prosthodontics	3
3	Diagnostic work up	Oral medicine &radiology	3
4	Selection of cases for implant -single tooth	Periodontics	2
5	Selection of cases for implant -Completely Edentulous	Prosthodontics	2
6	Investigation used –RADIOLOGY	Oral medicine &radiology	4
7	Treatment planning including prosthetic and diagnostic work up	Prosthodontics	4
8	Asepsis	Oral surgery	2
9	Armamentarium	Oral surgery	2
Total H	lours		23
PROTO	COLS and PROCEDURES – MODULE -2		
10	Surgical protocol for placement of single tooth implants	Oral surgery	2
11	Surgical protocol for placement of implants for complete dentures	Prosthodontics	2
12	Preparing case for prosthetic phase	Prosthodontics	2
13	Prosthetic option for single tooth & completely edentulous	Prosthodontics	2
14	Prosthetic phase-Implant Impression	Prosthodontics	2
15	Selection of Abutment and fabrication of superstructure	Prosthodontics	2
16	Surgical adjuncts in implants	Prosthodontics	4
17	Maintenance and care for implants	Periodontics	2
18	Survival and success in implants	Periodontics	4
19	Aesthetics in Implants – Surgical, Periodontal and Prosthetic	Periodontics Prosthodontics Oral surgery	4
Total H	lours		26
	ACADEMIC PRESENTATION BY PARTICIPANTS	1	
20	Osseointegration	Oral surgery	1
21	Surface modification	Oral surgery	2
22	Bone density & quantity	Oral surgery	2
23	Success/Survival Assessment in various options	Oral surgery	2
24	Surgical Adjuncnts	Oral surgery	2
25	Implant Biomechanics	Prosthodontics	2
26	Recent advancements	Periodontics	2
27	Complications	Oral surgery	2
Total H	lours		15
Total [16 ed	64 [4 credits]		
Total	hours of Theoretical Activity Self Study*		192
[32edu	ucational hours – 1 credit]		[6 credits]
Theory	y Credits		10

*Indicate the self study hours which is in table 7

PRACTICAL & CLINICALS [25 credits – hours]

TABLE 3: PRACTICAL SESSIONS [4 credits]

SI	Topics	No of hours
NO		
1	Implants and Components	4
2	Diagnostic work up	4
3	Investigation used –RADIOLOGY	4
4	Asepsis	4
5	Armamentarium	4
6	Surgical protocol for placement of single tooth implants	4
7	Prosthetic phase-Implant Impression	4
8	Preparing case for prosthetic phase	4
Total	Hours spent in preclinical set up	32 [1 credit]
Total	96[3 credits]	
Total	hours spent in preclinical and self study	4 credits

TABLE 4: CLINICAL APPRENTICESHIP TRAINING [8 credits]

SI	Topics	No of hours
No		
1	Preparing surgical set up (5 cases)	16
2	Assistance in surgery (5 cases)	16
3	Assisting in prosthetic phase – impression (5 cases)	16
4	Assisting in prosthetic phase – Exposure, Healing abutment, Loading (5 cases)	16
Total	Hours spent in clinics	64[2 credits]
Total	192 [6 credits]	
Total	hours spent in clinics and self study	8 credits

TABLE 5: CLINICAL PERFORMING INDEPENDENTLY [9+4=13 credits]

SI	Topics	No of hours
No		
1	Performance of atleast 10 cases of single tooth implant cases till loading and	120
	atleast one month follow up and systematic documentation	
2	Clinical Presentation of 2 of the above mentioned cases with complete	40
	documentation and atleast 2 months follow up	
Total	Hours spent in clinics	160 [3credits]
Total	hours spent in self study and preparation of assignment*	480 [9credits]
Total	hours spent in clinics and self study for Implant cases	9 credits
1	Performance of Single tooth Implant Case involving surgical adjunct from	24
	Case Selection, Documentation, Surgical / Prosthetic planning and execution	
	with meticulous follow up [atleast 2 Among the types of cases mentioned in	
	Table 1]	
2	Clincial Presentation of one of the above mentioned cases with the	8
	completion of surgical protocol and complete documentation	
Total	Hours spent in clinics	32 [1credits]
Total	hours spent in self study and preparation of assignment*	96 [3 credits]
Total	hours spent in clinical and self study	4 credits

*Indicate the self study hours which is in table 7

SI No	Activity	Description	Assessment
1	Academic activity	Academic Presentations by Faculty and Participants	Seminar Presentations and Submission of Assignments Portfolio
2	Demonstrations	On Simulated model with Discussion on the procedure, components of instruments, armamentarium and of materials.	Assessment of performance in simulation Submission of Assignment on Instruments, Armamentarium and Materials used. Portfolio
3	Apprenticeship Training	Assisting and also performance under guided supervision	Portfolio and submission of Documented Evidence
4	Practical and Assignment	Selected Cases[10] performed individually, documented and presented stepwise including treatment planning and execution. [Basic Implant Placement to loading]	Direct Observation of competencies Documentation and Clinical presentation of Cases Portfolio
5	Practical Assignment [Electives]	Selected cases [1] performed individually documented and presented stepwise including treatment planning and execution. [Surgical adjuncts including graft/membrane placement, sinus lift, ridge split, autologous bone grafts, periodontal soft tissue procedures for esthetic enhancement, advanced abutment options] can choose any of the above	Direct Observation of competencies during performance Documentation and Clinical presentation of Cases Portfolio

TABLE 6: ASSESSMENT STRATEGY

All assessments are formative. Marks and credits are awarded as soon as the student completes the stipulated work. The candidate can accumulate his credits at his own pace. Flexibility is made minimal for the fellowship course. Minimum course duration is 11 months and maximum course duration is 13 months with which the candidate is expected to complete 100% of the assigned activities at an acceptable level of competency for the award of fellowship degree.

TABLE: 7 SELF STUDY DISTRIBUTIONS OF HOURS

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TABLE -8 : EVALUATION AND SCORING

Т	TRANSCRIPT - GRADE SHEET								
Outcomes Within bracket are credits awarded for each outcome	Total marks	Marks Obtained	Grade Point /10	Credit point = Credit X Grade Point	GPA = Credit points/Total number of credits				
Academic Activity [10]	Total Marks			1					
Seminar Presentations	2x10 = 20								
Assignment Submission	10x5 = 50								
Examination	30								
Total	100								
Practical Sessions [4]	Total Marks								
Simulation Exercises	100								
Total	100								
Clinical Session – Apprenticeship [8]	Total Marks								
Assistance of 10 implant cases in placement procedure Submission of proof of assistance	5x10 = 50								
Assistance of 5 implant cases in impression making. Submission of proof of assistance	5x 5 =25								
Follow up of 5 cases already done in the department and evaluation of implant success Submission of radiographs	5x5 = 25								
Total	100								
Clinical Session – Performs Independently and electives [9]	Total Marks								
Performance of 10 implant cases – Comprehensive documentation	5x10=50								
Follow up 2 month after loading	2x10=20								
Clinical Presentation of 5 cases	5x6 = 30								
Total	100								
Performance of single implant case requiring one additional enhancement	50								
Follow up 1 month after surgery	30								
Clinical presentation of the case	20								
Total	100								
Portfolio	100								

CGPA = [Credit points X GPA] of all sessions divided by 35 = presented to two decimals.

Lettering of Grade Points [Adapted from UGC guidelines]

O (Outstanding) 10 90-100 A+ (Excellent) 9 80-89 A (Very good) 8 70-79 B+ (Good) 7 60-69 B (Average) 6 50-59 C (Below Average)* 5 40-49 Reappear (R) 4 39 or below Ab (Absent) 0 *But can be compensated by h

*But can be compensated by higher grades in other papers to give an overall grade of B Penalty Clause: Candidates obtaining F in case of less marks or absent can resubmit the assignment or fulfil the requirement at their pace and obtain the credits and resubmit for evaluation. Can extend the duration of course to more than 1 year till the requirements are fulfilled. Academic Calendar and Deadlines for submission of assignments, presentation date and Clinical work completion

Activity [minimum		м	ONTHS a	and max	kimum v	vorking hours a	vailable	for the c	andidate	to take up	
no of hours]	1	2	3	4	5	6	7	8	9	10	11
Academic[64]	48AM	48aM									
Preclinical [32]	24PM	24PM	24PM								
Apprenticeship[64]			48AM	48AM	24PM	24PM	24PM				
Clinical– Basic[160]			24PM	24PM	48AM	48AM	48AM	48AM 24PM	24PM	24PM	48AM
Elective[32]									48AM	48AM	24PM
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AM- Morning, PM – Afternoon,

Academic Presentations and Demonstrations 9:00am to 1:00pm each day 3 days a week for the first two months Preclinical module 2:00 to 4:00pm each day 3 days a week for the first three months Clinical Apprenticeship 9:00 to 1:00pm each day 3 days a week for the 3rd 4th and 5th months Course Designed and credit hours planned by Dr. Manoharan PS, Professor and Head, Prosthodontics and Crown & Bridge, Indira Gandhi Institute of Dental Sciences, Puducherry

PROGRAM OVERVIEW

COURSE HIGHLIGHTS

- 96 HOURS OF THEORY GUEST LECTURES BY LEADERS IN THE FIELD
- 192 HOURS AND MORE OF CLINICALS AND PRACTICALS FACILITATED LEARNING
- ONE ON ONE TRAINING
- 30 CASES OF TRAINING IN SURGICAL PROSTHETIC AND LOADING PHASES
- PRE CLINICAL TRAINING ON MODELS
- TIMELY RESOLUTION OF DOUBTS
- SEMINARS AND ASSIGNMENTS DEVELOPING STRONG PORTFOLIO

TOP SKILLS YOU WILL LEARN

- SYSTEMATISED LEARNING OF CONCEPTS
- PLANNING FOR IMPLANT CASES
- SURGICAL PHASES
- PROSTHETIC PHASES
- LOADING STRATEGIES AND PROTOCOLS
- DOCUMENTATION AND EVALUATION SKILLS
- PLAN FOR FOLLOW UP

WHO CAN DO THIS COURSE [ELIGIBILITY] ?

• POST BDS / POST MDS ASPIRING FOR LEARNING DENTAL IMPLANT TECHNOLOGY