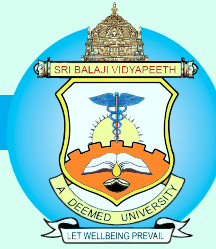


SRI BALAJI

ACCREDITED BY NAAC
WITH 'A' GRADE



VIDYAPEETH

DEEMED TO BE UNIVERSITY
DECLARED U/S 3 OF THE UGC ACT, 1956

NIRF - INDIA RANKINGS 2019 : 72 among Universities in India

FELLOWSHIP IN HOSPITAL INFECTION CONTROL

Department of Microbiology

SYLLABUS & REGULATIONS



2019-2020 ONWARDS

(As Approved in the Academic Council at the Meeting held on 22.05.2019)

**Sri Balaji Vidyapeeth University
Mahatma Gandhi Medical College & Research Institute**

DEPARTMENT OF MICROBIOLOGY

FELLOWSHIP IN HOSPITAL INFECTION CONTROL

2019-2020



DEPARTMENT OF MICROBIOLOGY

FELLOWSHIP IN HOSPITAL INFECTION CONTROL

2019-2020 Onwards

SYLLABUS FOR FELLOWSHIP IN HOSPITAL INFECTION CONTROL (FHIC)

S no	Specific Learning Objectives At the end of the courses, the candidates will be able to:
1	To ensure and monitor strict Infection Control practices in all needed areas without compromise.
2	To be an effective Antimicrobial Steward.
3	To investigate, to formulate and to monitor the protocols during any Healthcare Associated outbreaks/incidences.
4	To play a vital role in segregation and management of Biomedical wastes.
5	To ensure continuing medical education to all Healthcare workers (HCWs) on all aspects of infection control and prevention strategies.

S no	Theory / Practical / Clinical Syllabus Post-Doctoral Fellowship in Hospital Infection Control – Course Timeframe	TL strategy	Number of hours	Credits																				
1	First two months <ul style="list-style-type: none"> • Course Orientation • Surveillance and Reporting of Healthcare Associated Infection • Surveillance and Reporting of Notifiable diseases 	Details of Direct contact sessions: <ol style="list-style-type: none"> 1. Didactic lectures 2. Topic Seminar 3. Journal club 4. Tutorials 5. Group discussions 6. Case discussion 7. Clinical rounds (Ward rounds) 8. Guest lecture Details of Self-directed learning activities: <ol style="list-style-type: none"> 1. Assignments 	Total duration of course – 45 weeks Course Credit hours – 42 hours <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Credit hours details for 2 weeks (Towards fi</td> </tr> <tr> <td style="text-align: center;">Module</td> <td style="text-align: center;">Direct contact sessions</td> </tr> <tr> <td style="text-align: center;">Day 1</td> <td style="text-align: center;">2 x 2 =4 Hours</td> </tr> <tr> <td style="text-align: center;">Day 2</td> <td style="text-align: center;">3 x 2 = 6Hours</td> </tr> <tr> <td style="text-align: center;">Day 3</td> <td style="text-align: center;">3 x 2 = 6 Hours</td> </tr> <tr> <td style="text-align: center;">Day 4</td> <td style="text-align: center;">4 x 2 =8 Hours</td> </tr> <tr> <td style="text-align: center;">Day 5</td> <td style="text-align: center;">2 x 2 =4Hours</td> </tr> <tr> <td style="text-align: center;">Day 6</td> <td style="text-align: center;">2 x 2=4 Hours</td> </tr> <tr> <td style="text-align: center;">Total 6 Days</td> <td style="text-align: center;">32 Hours = 2 Credit</td> </tr> <tr> <td></td> <td style="text-align: center;">24 credit for 24 weeks (384 ho</td> </tr> </table>	Credit hours details for 2 weeks (Towards fi		Module	Direct contact sessions	Day 1	2 x 2 =4 Hours	Day 2	3 x 2 = 6Hours	Day 3	3 x 2 = 6 Hours	Day 4	4 x 2 =8 Hours	Day 5	2 x 2 =4Hours	Day 6	2 x 2=4 Hours	Total 6 Days	32 Hours = 2 Credit		24 credit for 24 weeks (384 ho	
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	24 credit for 24 weeks (384 ho																							

	<ul style="list-style-type: none">Monitoring components	<ol style="list-style-type: none">Self-studyE-learning	For first 6 months (768 hours) = 36 cre
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	<p>of Universal Precaution</p> <ul style="list-style-type: none"> • Educating various groups of HCW's on Universal Precaution. • Monitoring and reporting Sharps/ body fluid exposure and follow ups • Monitoring all the patients in high dependent intensive care areas. 	<p>4. Clinical Audits National /International Conference</p>	
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2	Third month <ul style="list-style-type: none">• Care of Access systems, indwelling devices and Wounds (Vascular care, Respiratory care, Urinary catheter and wound care)• Isolation policy and	
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SBV

	<p>procedures</p> <ul style="list-style-type: none">• Disinfection and Sterilization• Hospital waste Management• Housekeeping• Laundry• Dietary and hospital kitchen• CSSD• Common areas of patient care (Laboratories, Blood bank, Pharmacy, FNAC and Histopathology room.• Autopsy and Mortuary.• Animal house• Educational programs to HCWs.• Special pathogen• Operatio		
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n

theatres

- Environmental
and water

SBV

	<p>surveillance activities</p> <ul style="list-style-type: none">• Antimicrobial stewardship programme. (Monitoring Surgical antimicrobial prophylaxis and High-end antibiotic usage)• Antibiotic policy making/ updating .• Multidrug resistant pathogens• Immunization to HCWs.• Outpatient and In-patients areas.• Health camps, Rural and Urban centers.• Laboratory management system.• Outbreak management		
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3	Fourth and Seventh month <ul style="list-style-type: none"> • Minimum 2 clinical audits needs to be completed 		Credit hour details for next 21 weeks	
			Module	Direct contact sessions
4	Twelfth month <ul style="list-style-type: none"> • Minimum 2 clinical audits needs to be completed 		Day 1	32 Hours = 2 Credit
			Day 2	
Day 3				
Day 4				
Day 5				
Day 6				
5	Twelfth month <ul style="list-style-type: none"> • University exam (Summative exam) (Theory and Viva Voice) 		Total 6 Days	
				2 credit for 21 weeks (32 hours)
			For last 21 weeks 6 credit hours	
6	Exam pattern: <ul style="list-style-type: none"> • Portfolio • Project • Theory exam • VIVA 			

S no	Assignments/ Projects/ Self-Study	Number of hours	Credits
1	Candidates will complete a minimum 2 clinical audits during this one year of fellowship, this is mandatory for the certification. The candidate is expected to maintain a log book containing all the details of the course.		
2	The academic activities of the program in the hospital would include :- <ul style="list-style-type: none"> ➤ Regular academic sessions (seminar, journal club, clinical case discussion, portfolio) ➤ Bedside practical training ➤ Onsite Surveillance Activity ➤ Daily surveillance activities and reporting 		

	<ul style="list-style-type: none"> ➤ Involvement in continuous education programs to HCWs. ➤ Creating infection control policies, implementation, monitoring. ➤ Self-directed learning activities ➤ E-learning 		
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S no	Assessment method (FORMATIVE)	Eligibility requirement
1	Regularity	1. Minimum 80% attendance required. 2. Score minimum 50% of marks in theory and Viva 3. Complete Minimum two Clinical audits during the one year of fellowship 4. E-Portfolio
2	Conduct	
3	Punctuality	
4	Discipline	
5	Interpersonal Relationship	
6	Working ability	
7	Awareness and practice of Medical Ethics	
8	Diagnostic Competence Research Aptitude	
9	Teaching Ability	
10	Knowledge	
11	Academic performance	
12	Communication skills	
13	Language proficiency	
14	Attire and Cleanliness	
15	Positive Impact on the Department	
16	360 degree feedback.	
17	Portfolio	

S no	Assessment method (SUMMATIVE)	Maximum marks	Eligibility requirement			
1	Course Evaluation		300 marks	Eligibility to appear University Exam and Number of attempts – as per SBVU norms		
	Formative Evaluation				Summative Evaluation	
	Component	Weight (Example)			Component	Weight
	Assignment	20	Paper I &	200		

	Portfolio	20	Internal Assessment	50		
	Clinical audit	30	VIVA	50		
	Written Test	Two tests for 50 marks (4 th & 7 th) In 11 th month Model exam as per University pattern)				
			Total	300		

S no	Reference Books/ Journals
1	Hospital Infection Control – Setting up A cost-effective programme by ShaheenMehtar (OXFORD)
2	Manual of Infection Prevention and Control by NizamDamani (OXFORD)
3	WHO Infection control guidelines and update
4	IDSA updates
5	National and International guidelines on Infection Control
6	Journal of Hospital Infection
7	Hospital Infection Control
8	American Journal of Infection Control
9	Indian Journal of Hospital Infection
10	Journal of Infection Prevention
11	Hospital Infection Control and Prevention
12	Infection
13	Emerging Infectious Diseases
14	American Journal of Infection Control
15	Journal of Patient Safety and Infection Control