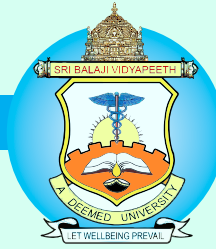


SRI BALAJI

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 MATERNAL AND CHILD HEALTH

Department of Obstetrics and Gynaecology
Department of Paediatrics

SYLLABUS & REGULATIONS



2019-2020 ONWARDS

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



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Puducherry-607402

**Mahatma Gandhi Medical College and Research Institute,
Pondicherry**



FELLOWSHIP IN MATERNAL AND CHILD HEALTH

Department of Obstetrics and Gynaecology

Department of Paediatrics

2019-2020 Onwards



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COURSE CURRICULUM FOR FELLOWSHIP IN MATERNAL AND CHILD HEALTH

2019-2020

FELLOWSHIP IN MATERNAL AND CHILD HEALTH

Name of the department, institute responsible for running the course:

Dept of Obstetrics and Gynecology

Dept of Pediatrics

Course coordinator:

Name:

1. Dr Soma Venkatesh
2. Dr Divya Alamelu
- 3.

Phone number:

1. Dr Soma Venkatesh - 9486650075
2. Dr Divya Alamelu - 9487517884

Email id:

1. Dr Soma Venkatesh - somavenkatesh@mgmcri.ac.in
2. Dr Divya Alamelu - drdivyaalamelu@gmail.com

Course Title : Fellowship in Maternal and Child health

Course duration: 1 year

Eligibility: MBBS



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Course need:

There is a need for experts in the field of Maternal and child health in rural areas of our country. The MCH programme helps in improving the health delivery system and the MCH professionals can act as a connecting bridge between the community and the tertiary health care system. They can also help in analysis, development and implementation of various health programmes in the community. These professionals can provide information and access to sexual, reproductive health services and methods of family planning, promote health of pregnant women, provide essential newborn care, improve vaccination rates, treat common Pediatric illnesses and stabilise sick children and neonates prior to referral.

Expected Course Outcomes:

- Helps professionals in providing basic antenatal care and postnatal care
- Enables them to diagnose and refer high risk cases to tertiary care centre
- Enables them to implement various maternal and child health programmes in the community
- Provides knowledge regarding various family planning methods and their implementation
- Assessment of growth and development of normal child and to diagnose disorders of growth and development.
- Diagnose and treat common Pediatric and Neonatal illnesses.



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- Identify sick neonates and children to stabilise and refer to tertiary care centre.

Teaching learning activities and evaluation credit based:

	Month	Clinical Posting	Practical hours	Theory hours	Logbook	Credit points
1	1 st term Nov-Jan	OG - 48 Ped - 96	OG - 96 Ped - 48	Ped - 24 OG - 24	32	6+6+1=13
2	2 nd term Feb - April	OG - 48 Ped - 48	OG - 96 Ped -96	Ped - 24 OG - 24	32	6+6+1=13
3	3 rd term May- July	OG - 48 Ped - 48	OG - 96 Ped -96	Ped - 16 OG - 16	32	5.5+5.5+1 =12
4	4 th term Aug-Oct	OG - 48 Ped - 48	OG - 96 Ped -96	Ped - 16 OG - 16	32	5.5+5.5+1 =12
						O&G 25 Paed 25



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Assessment

S no	Assessment method (FORMATIVE)		Eligibility requirement
	THEORY	PRACTICAL	
1	5 questions of 5 marks each (25)	OSCE - 25 marks	50% in theory and OSCE
2	5 questions of 5 marks each (25)	OSCE - 25 marks	50% in theory and OSCE
3	5 questions of 5 marks each (25)	OSCE - 25 marks	50% in theory and OSCE
4	5 questions of 5 marks each (25)	OSCE - 25 marks	50% in theory and OSCE
Total	100	100	50% in theory and OSCE

Course Requirements:

Attendance of 80%

Completion of e portfolio

Completion of project

Pass percentage -50% in each (theory and practical)



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Infrastructure and Physical Facilities available for the course:

Medical simulation / skill lab

Labor room

OBG OPD

Central library

USG machine in OBG OPD and Labor room

Pediatrics OPD, ward

PICU, NICU

Postnatal ward

Faculty and Staff in place for the Course:

Faculty from Dept of OBGY

Faculty from Dept of Pediatrics



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SYLLABUS

MATERNAL AND CHILD HEALTH CURRICULUM

Obstetrics and Gynecology

SL NO		TOPIC
1	Lecture	Normal antenatal care Warning signs in antenatal care- when to refer
2	Skill	Episiotomy Episiotomy repair Repair of vaginal/perineal tears Instrumental delivery
3	Skill	Examination of antenatal woman
4	Lecture	Preconceptional counseling
5	Skill	Antenatal fetal surveillance NST/CTG Ultrasound in obstetrics
6	Lecture	Normal labor



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		Partogram
7	Skill	Management of normal labor Assessment of women in labor Basic care during 1 st stage of labor Basic care during 2 nd stage of labor Basic care during 3 rd stage of labor Basic care during 4 th stage of labor Assisting normal labor
8	Lecture	Puerperium Postnatal care Complications during labor and postpartum
9	Lecture/skill	Postpartum hemorrhage Bimanual compression of uterus Compression of abdominal aorta Repair of cervical tear
10	Lecture	Lactation
11	Lecture	Contraception
12	Lecture	Anemia in pregnancy Nutrition in pregnancy
13	Lecture	Preeclampsia
14	Lecture	GDM
15	Lecture	Multiple pregnancy
16	Lecture	Preterm labor
17	Lecture	PPROM
18	Lecture	Cesarean section



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19	Lecture	Previous LSCS
20	Lecture	Rh negative pregnancy

Paediatrics

	Growth and development
1.	Factors affecting growth and development
2.	Assessment of growth and disorders of growth
3.	Normal development and variations
4.	Common developmental disorders and behavioural problems
	Nutrition
5.	Breast feeding
6.	IYCF guidelines
7.	Vitamin B and C deficiency disorders
8.	Vitamin A, D, E, K deficiency disorders
9.	Nutritional anaemia
10.	Malnutrition
	Newborn
11.	Essential newborn care
12.	Basic newborn resuscitation
13.	Care of low birth weight baby
14.	Neonatal jaundice
15.	Neonatal hypoglycaemia, hypocalcemia



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16.	Identification and management of sick newborn at primary care level
	Immunization
17.	Basics of immunology
18.	Immunisation schedule, individual vaccines, adverse reactions.
	Infections
19.	Approach to a child with fever
20.	Diarrhoea
21.	Pneumonia
22.	Skin and soft tissue infection
23.	Viral exanthematous illness
24.	Tuberculosis
25.	HIV
26.	Malaria/ Enteric fever
27.	Infective Hepatitis
28.	Rickettsial infection
29.	Urinary tract infection
30.	Worm infestation
	Emergency Pediatrics
31.	Sick child identification and management at primary care level
32.	Transport and referral of sick child
33.	Approach to a child with breathing difficulty
34.	Approach to a child with seizures
35.	Poisoning



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36.	Snake bite/ scorpion sting
	Social paediatrics
37.	IMNCI
38.	National programs involving child health care
39.	National Indicators for assessment neonatal and child health
40.	Notification and surveillance of communicable diseases

Practical's - skill based sessions (clinical posting, simulation lab)

1. Basic newborn resuscitation
2. Essential newborn care
3. Anthropometric assessment and interpretation
4. Nutritional assessment and counselling
5. Case presentation- common neonatal and Pediatric illness
6. Emergency triage, assessment and treatment of sick child.
7. Procedures - blood sampling, intravenous access, NG/OG tube insertion, Bag and mask ventilation, oxygen delivery devices, nebulisation, tuberculin test, immunisation.
8. Interpretation of laboratory data.

Books:

Obstetrics:

1. DC Dutta's Textbook of Obstetrics by Hiralal Konar 8th ed
2. Holland and Brews Manual of Obstetrics by Daftary et al
2nd ed



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3. Textbook of Obstetrics by Sheila Balakrishnan 2nd ed

4. Williams Obstetrics by Cunningham et al 25ed

Pediatrics:

1. IAP textbook of Pediatrics, 6th edition

2. Cloherty Manual of neonatal care, 7th edition.

MODEL QUESTION PAPER-OBSTETRICS

(FOR FELLOWSHIP IN MATERNAL AND CHILD HEALTH)

Time -2 hrs

Answer all questions

Total marks-40

1. Define normal labor. Mention stages of labor. Explain the management of different stages of labor.

(2+2+6=10 marks)

Short

(6x5=30)

notes



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2. Partogram
3. Nonstress test
4. Episiotomy
5. Management of eclampsia.
6. Postpartum contraception
7. Postpartum hemorrhage

MODEL QUESTION PAPER-PAEDIATRICS

(FOR FELLOWSHIP IN MATERNAL AND CHILD HEALTH)

Time -2 hrs

Answer all questions

Total marks-40

Long question: 1x 10= 10 marks

1. 5yrs female child presented with fever for 5 days, cough cold for 3 days, breathing difficulty and lethargy for 1day. How will you assess and treat the child based on IMNCI programme.

Short questions: 6x5 - 30 marks

1. Write short notes on problems related to breast feeding and it's management.
2. Clinical features of scurvy and treatment
3. Complications of LBW baby
4. RNTCP management Pediatric pulmonary tuberculosis
5. Write short notes on RBSK
6. Iron deficiency anaemia



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