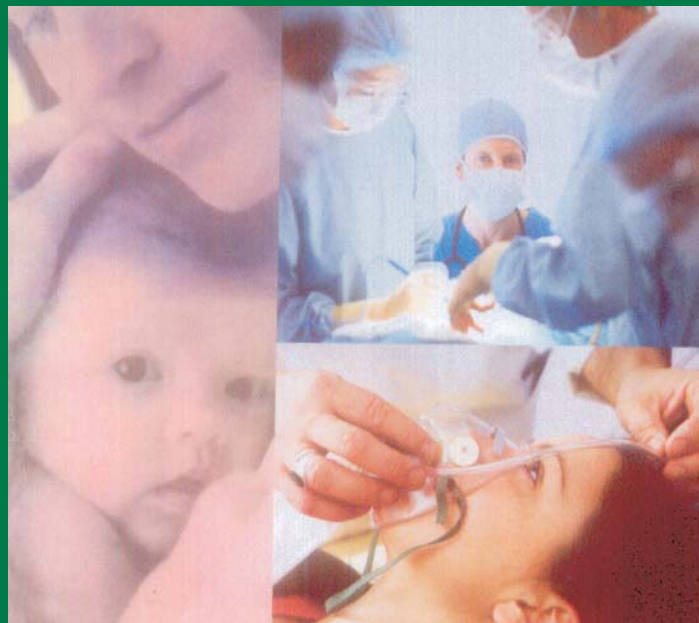




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School of Health Sciences



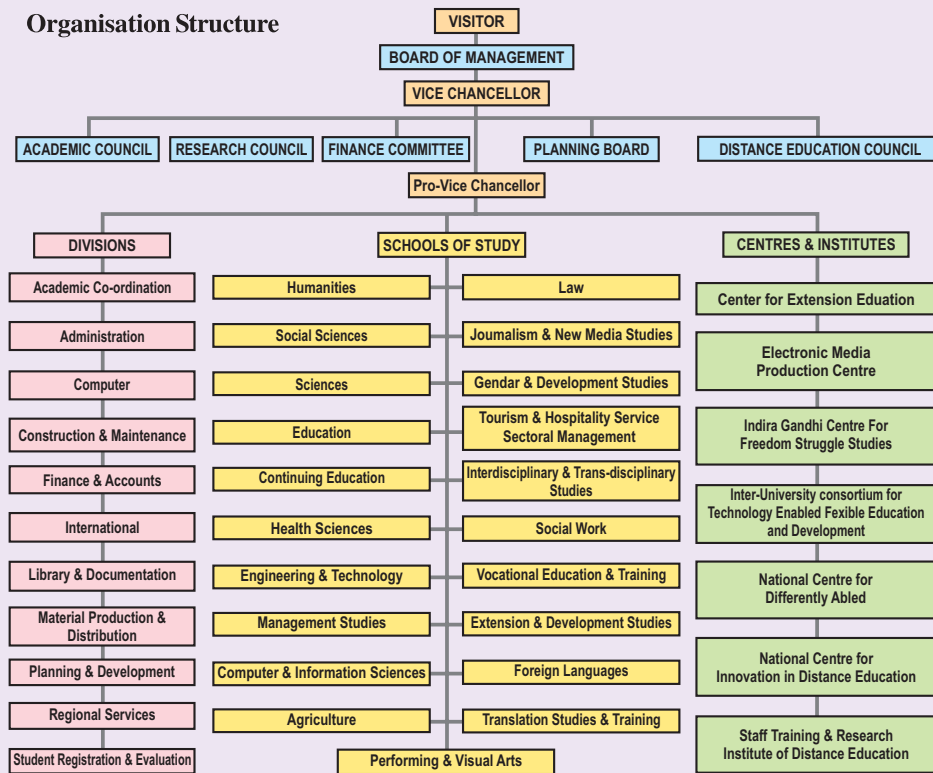
INFORMATION BROCHURE

— 2011-12 —

INDIRA GANDHI NATIONAL OPEN UNIVERSITY

The Indira Gandhi National Open University was established by an Act of Parliament in 1985. Since its establishment, IGNOU has contributed significantly to the development of higher education in the country through the Open and Distance Learning (ODL) mode. Today, it serves the educational aspirations of over 3 million students in India and 36 other countries through 21 Schools of Studies and a network of 62 Regional Centers and around 67 overseas centers. The University offers about 445 certificate, diploma, degree and doctoral programmes, with a strength of around 420 faculty members and academic staff at the headquarters and regional centres and about 50,000 academic counsellors and programme coordinators from conventional institutions of higher learning, professional organisations and industry among others. As a world leader in distance education, it was conferred the Centre of Excellence Award in Distance Education in 1993 and the Award of Excellence for Distance Education Materials in 1999 by the Commonwealth of Learning (COL), Canada. In January, 2010 it was listed 12th in the webometric ranking of Indian universities, based on the calibre of its presence on the internet.

Organisation Structure



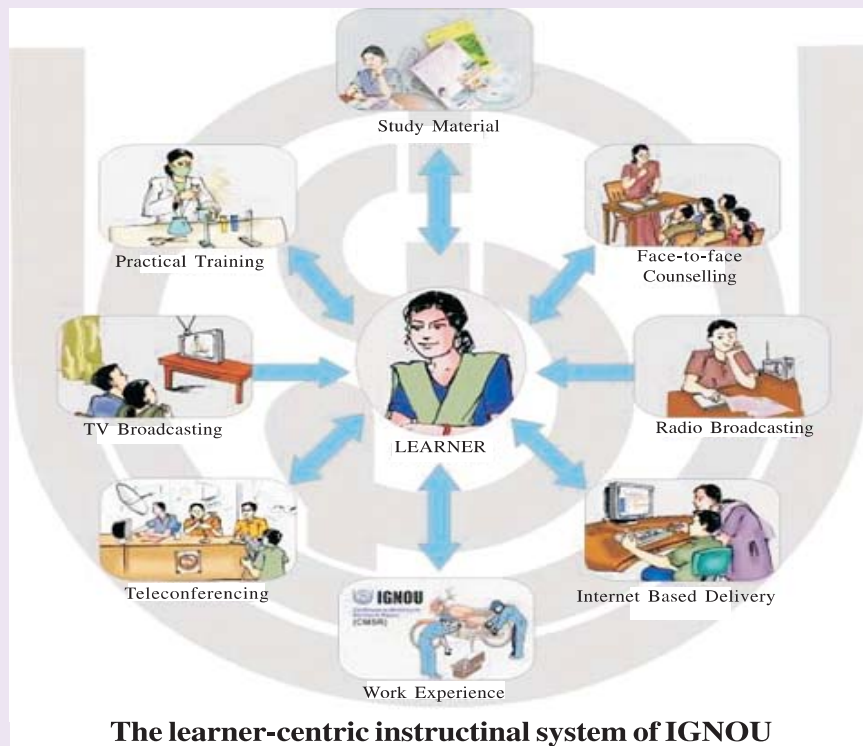
The mandate of the University is to:

- provide access to higher education to all segments of society;
- offer high quality, innovative and need-based programmes at different levels, to all those who require them;

- reach out to the disadvantaged by offering programmes in all parts of the country at affordable costs; and;
- promote, coordinate and regulate the standards of education offered through open and distance learning in the country.

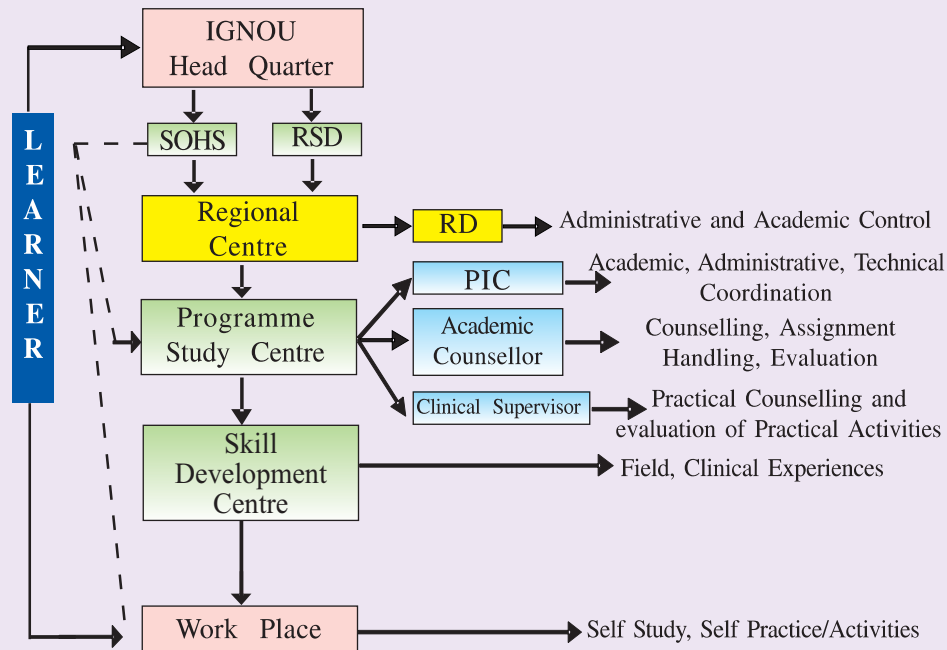
Instructional Package

IGNOU's method of instruction differs from that of other conventional universities. Indira Gandhi National Open University has adopted a multimedia approach. The different components are: self-instructional materials, counselling sessions, both face-to-face and via teleconferencing, practical sessions, audio-video, interactive radio counselling. For courses in nursing, medical, dental programmes arrangements have been made to enable students to undertake practical sessions at selected hospitals attached to programme study centers.



Implementation Plan

The programmes are implemented through a network of Programme Study Centres located in nursing, medical and dental colleges. A team of teachers called as Academic Counsellors conduct academic counselling (face to face) sessions at PSC. Clinical supervisors help in supervised activities at hospital. Self activities are carried out by the learner at their work place. The administrative control is through Regional Centers in the States, Regional Service Division, School of Health Sciences and IGNOU HQ at New Delhi.



School of Health Sciences

The school of health Sciences was set up in the year 1991 with the objective of augmenting education avenues for medical, nursing and paramedical personnel through distance education mode. The various function of the school are planning, developing and launching of Degree, Diploma and Certificate level Programme for various categories of health professionals; health awareness courses for the general public; and conducting research on health issues.

The school is pioneer in developing competency-based programmes in various disciplines. The School adopts an innovative approach in implementing medical programmes through a diversified approach in which a three-tier system i.e. medical colleges [Programme Study Centers (PSCs)], district hospitals [Skill Development Centers (SDCs)] and the work places of enrolled doctors provide hands on training.

Similarly in the field on Nursing, programmes are being developed so as to revolutionise career opportunities to nursing personnel. Nursing colleges (PSCs), Hospital, Community health Centres and work places of enrolled nurses provide hands on training.

The school is also collaborating with various National and International organization like World health Organization (WHO), United Nations International Children's Emergency Fund (UNICEF), UNDP, Ministry of Health and family Welfare (MoHFW) Ministry of Environment and Forest, Department of AYUSH, GOI, National Board Examination (NBE), Dental Council on India (DCI), Academy of Hospital Administration (AHA), Narayana Hrudayalaya and HANSA VISION Pvt. Ltd.

NURSING DISCIPLINE

1. Ph.D. Programme in Nursing

The Ph.D Programme in Nursing has been launched with objective to enable the nursing personnel to develop advance research skills in nursing and prepare the nurse educators, administrators and practitioners to carry out systematic research for improving the quality of nursing care. The programme would enable the nursing personnel to provide evidence based nursing care to patients/ clients in various settings.

OBJECTIVES

- enable the nursing personnel to develop advanced nursing research skills.
- prepare the nurse educators, administrators and practitioners to carry out systematic research to improve the quality of nursing care.
- enable the nursing personnel to give evidence based nursing care to patients/clients in various setting.
- Develop models and theories based on health care concept applicable in Indian setting.

2. Post Basic Bachelor of Science in Nursing [(B.Sc.N.) (PB)]

The Post Basic B.Sc. Nursing is a three-year degree programme for in-service nurses. The programme was launched in July 1994 and is recognised by the Indian Nursing Council (INC). The Programme Study Centres are existing in Colleges of Nursing, which are already conducting Post Basic B.Sc. Nursing Programme or B.Sc. Nursing Programme. These Colleges of Nursing are recognised by the Indian Nursing Council. Programme Study Centres at Seychelles and Doha & Nepal are also established. The programme has been revised in 2005 based on the revised syllabus of INC (2001). The Post Basic B.Sc. Nursing Programme comprises of 108 credits (40 credits in theory and 68 credits in practical).

OBJECTIVES

The broad objectives of this programme are to:

- provide an opportunity to a large segment of in-service nurses to upgrade their knowledge and skills in order to respond to the changing health needs of the society;
- motivate nurses to maintain clinical competence for providing quality care;
- develop teaching, administrative and research skills; and
- promote personal and professional growth for better opportunities.

PROGRAMME STRUCTURE

Year	Course Code		Course Title	Course Credits		
	Theory	Practical		Theory	Practical	Total
1st Year	BNS-101	BNSL-101	Nursing Foundation	4	4	8
	BNS-102	BNSL-102	Applied Sciences	4	4	8
	BNS-103	BNSL-103	Maternal Health Nursing	2	8	10
	BNS-104	-	Communicative English	4	-	4
	BNS-105	BNSL-105	Behavioural Sciences	4	2	6
2nd Year	BNS-106	BNSL-106	Medical Surgical Nursing	4	10	14
	BNS-107	BNSL-107	Paediatric Nursing	2	8	10
	BNS-108	BNSL-108	Mental Health Nursing	4	8	12
3rd Year	BNS-109	BNSL -109	Community Health Nursing	4	8	12
	BNS-110	BNSL -110	Nursing Administration	4	6	10
	BNS-111	BNSL -111	Nursing Education and Research	4	8	12
		BNSL -112	Computer in Nursing	-	2	2
Total Credits				40	68	108

3. Diploma In Nursing Administration (DNA)

Diploma in Nursing Administration is a one-year programme of 28 credits (Theory 16 credits, Practical 12 credits) for inservice nurses. This programme has been developed for nurses working in hospitals, or community. This programme will help to upgrade the knowledge and skills of the in-service nurses in the administrative competence. Programme is offered from 14 programme study centres till 2010.

OBJECTIVES

The broad objectives of this programme are to:

- strengthen the knowledge of administrative concepts and their application in improving nursing services;
- develop an understanding of recent trends in health care system and nursing;
- participate co-operatively with an individual and groups for improvements of nursing service; and
- develop skills in maintaining administrative competence with effective supervision to provide quality nursing care.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits		
		Theory	Practical	Total
BNS-011	Principles and Practices of Nursing Administration	4	-	4
BNS-012	Management of Educational Institute, Hospital and Community	4	-	4
BNS-013	Group Dynamics	4	-	4
BNS-014	Resource Management	4	-	4
BNSL-011	Practical Aspects of Nursing Administration-I	-	6	6
BNSL-012	Practical Aspects of Nursing Administration-II	-	6	6
	Total Credit	16	12	28

4. Diploma in Critical Care Nursing (DCCN)

The Diploma in Critical Care Nursing is a one year Specialty programme of 32 credits. 12 credits in theory and 20 credits in practicals. The programme aims at enabling nursing professionals (RN and RNRN) to develop and apply advanced nursing care knowledge and skills for providing comprehensive nursing care to Critically ill patients in intensive care settings. The Programme has been launched in July 2011.

OBJECTIVES

- To develop and apply advanced Nursing care knowledge in Critical Care settings.
- To acquire proficiency in applying advanced skills in Caring Critically ill patients.
- To function as Critical Care Nurse Specialist and Practitioner.
- To educate Nursing Professionals in Critical Care Nursing.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits
	Theory	
BNS-031	Concept and Principles in Critical Care Nursing	6
BNS-032	Nursing Management in Critical Care Conditions	6
	Practical	
BNSL-033	Clinical Nursing Practice in Critical Care -I	12
BNSL-034	Clinical Nursing Practice in Critical Care -II	8
	Total credits	32

5. Certificate in Competency Enhancement for Auxiliary Nurse Midwife (ANM)/Female Health Worker (FHW) (CCEANM)

The Auxiliary Nurse Midwife (ANM)/Female Health Worker (FHW) is the most important health functionary at grass roots level. There is a need to update the knowledge and skills of these health functionaries to meet the challenge of advancement in health care technology and health needs of the country. In order, to cater to their training need, one year Certificate Programme in Competency Enhancement of ANM/FHW was developed with the funding of Ministry of Health and Family Welfare, (Department of Family Welfare) Government of India. The programme Comprises 32 credits. (14 credits in theory and 18 credits in Practical). It has 4 theory and 4 practical courses.

OBJECTIVES

The broad objectives of this programme are to:

- enhance the knowledge and skills of practicing ANMs/FHWs in Reproductive and Child Health, communication and socio-cultural areas including Integrated Management of Neonatal and Childhood Illness; and
- enable ANMs/FHWs to develop positive attitude towards community in providing health care through community participation.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits		
		Theory	Practical	Total
	Theory			
BNS-001	Community Health	4	-	4
BNS-002	Reproductive and Child Health including IMNCI	4	-	4
BNS-003	Community Health Nursing	2	-	2
BNS-004	Management of Community Health	4	-	4
	Practical			
BNSL-001	Practical aspects of Community Health	-	2	2
BNSL-002	Practical aspects of Reproductive and Child Health		8	8
BNSL-003	Practical aspects of Community Health Nursing	-	4	4
BNSL-004	Practical aspects of Management of Community Health	-	4	4
	Total Credits	14	18	32

6. Certificate in Maternal and Child Health Nursing (CMCHN)

Certificate Programme in Maternal and Child Health Care is a six months certificate programme for nursing personnel. It has 16 credits (8 credits in theory and 8 credits in practical) and has 2 theory courses and 1 practical course. .

OBJECTIVES

- To update the knowledge and skills of health care providers in reproductive and child health
- To enable the health care providers to render effective health care to mother and child.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits
	Theory	
BNS-017	Community Health Management	4
BNS-018	Reproductive and Child Health	4
	Practical	
BNSL-017	Practices and Procedures in Maternal and Child Health Care	8
	Total Credits	16

7. Certificate in Newborn and Infant Nursing (CNIN)

Certificate in Newborn and Infant care (CNIC) is a six months Certificate programme for nursing personnel. It has 14 credits (4 credits in theory and 10 credits in practical) and has one theory Course and 2 practical Courses.

OBJECTIVES

- To enhance and update the knowledge, skills. and practices of nursing personnel in care of newborn and infants.
- To enable Nursing personnel to provide effective nursing care to normal, at risk and sick newborn and infants.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits
	Theory	
BNS015	Nursing Care of New Born and Infant	4
BNSL015	Integrated Management of Sick Newborn and Infant	2
	Practical	
BNSL016	Nursing Practices and Procedures in Care of Newborn and Infant	8
	Total Credits	14

8. Certificate in Diabetes Care for Community Worker (CDCW)

The programme aim to provide basic knowledge of Diabetes Mellitus and impart skills to manage diabetes mellitus at home and community level by community workers, family members and diabetic patient. As good management prevents or reduces complications, persons can lead healthy life by modifying lifestyle. It has total 14 credits i.e. theory 4 credits and practical 10 credits. Six programme study centres are established Delhi Guwahati, Darbanga, Nagpur, Gwalior and Vijaywada.

OBJECTIVES

- To impart knowledge about the epidemiology of diabetes.
- To provide an understanding of causes leading to diabetes.
- To give a detailed knowledge of the effect of diabetes on various organs of the body.
- To provide knowledge and skills about management of the disease in relation to diet, foot care, eye care etc.
- To equip learners with interpersonal communication skills which will facilitate psychological well being of patients.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits
CNS-DC001	Theory	
	Concepts and Interventions of Diabetes Mellitus	4
CNS-DCP001	Practical	
	Procedures related to Diabetes Mellitus	10
	Total Credits	14

9. Certificate in Home Based Health Care (CHBHC)

Certificate Programme in Home Based Health Care CHBHC is of six months duration. It has 14 credits in total, 4 credits theory and 10 credits in Practicals.

OBJECTIVES

- To prepare a work force in the country with the skills required to look after elderly and people suffering from chronic progressive illnesses (sickness).
- To provide care to people at home setting after discharge from tertiary care.
- To help the family members and patients to cope with the stress of care to their long term ailing relatives.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits
CNS-HC-001	Theory	
	Home Based Care	4
CNS-HCP-001	Practical	
	Skills Related to Home Based Care	10
	Total Credits	14

10. Certificate in AYUSH Nursing (Ayurveda) (CAY)

As per GOI Report on Human Resource for Health Sector, there is no ANM trained in Ayurveda Nursing therefore Department of AYUSH, Government of India has planned to develop course for ANMs so that they can be certified to provide quality care to the patients undergoing treatment under Ayurvedic Systems of Medicine. It has total 14 credits i.e. theory 8 credits and practical 6 credits.

OBJECTIVES

- Discuss current issues and trends in ayurveda;
- Develop skills in giving nursing care to the patients under the treatment of ayurveda system of medicine;
- Provide nursing care while administering the ayurveda medicine keeping in mind the uses, doses and side effects of ayurveda medicine;
- Develop understanding and depth in performing skills, keeping in mind the principles of various ayurveda medicine; and
- Apply the knowledge of ayurveda in various settings i.e. hospital and community.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Total
	Theory	
CNSAY-001	Maulika Siddhanta	2
CNSAY-002	Aushadha and Rog Vigayana	2
CNSAY-003	Chikitsa	4
	Practical	
CNSAYP-004	Skill in Ayurveda Nursing	6
	Total Credits	14

11. Certificate in Adolescent Health & Counselling (CAHC)

Certificate Programme in Adolescent Health & Counselling is a six months programme. It has 14 Credits, 12 Credits in Theory and 2 Credits in Practical.

OBJECTIVES

The programme will enable the learners to:

- strengthen their knowledge in understanding needs and concern of adolescent.
- build knowledge on physical cognitive, emotional and psychological changes in adolescent.
- develop skill in handling the challenges related to adolescents.
- identify role of teacher in life skills education and preventive counselling of adolescent.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credit
	Theory	
CNSAH-001	Fundamentals of Adolescence	6
CNSAH-002	Issues & Challenges During Adolescence	6
	Practical	
CNSAHL-001	Skills related to Adolescent Health and Counselling	2
	Total Credits	14

Programmes of SOHS

Sl. No.	Name of Programme	Eligibility	Duration of Programme	Medium	Credits	Year of Launching Revised	Fee (Subject to any change)	Cycle	Name of Programme coordinator
Nursing Discipline									
1.	Ph.D. Programme in Nursing	<p>i) Category A : Nursing professionals who have completed their M.Phil degree with 55% of marks from recognized University or an equivalent grade (50% for SC and ST)</p> <p>OR</p> <p>Nursing professionals who have completed M.Sc. Nursing with 55% of marks or an equivalent grade (50% for SC and ST) and having 5 years of teaching/industry/administration / professional/clinical experience.</p>	Minimum 18 months; Maximum 4 year after registration	English	100	2009	10,000/-	January and July	Prof. Bimla Kapoor Prof. Pity Koul
2.	Post Bachelor of Science in Nursing [(B.Sc.N.) (PB)]	GNM with 2 years of experience (10+2 basic) GNM with 5 years of experience (10 basic)*	Minimum 3 Years; Maximum 5 Years	English	108	1994 Revision in 2005-06	Rs. 13,200/- per year	January	Prof. Bimla Kapoor
3.	Diploma in Nursing Administration (DNA)	GNM B.Sc.(N)**	Minimum 1 Years Minimum 3 years	English	28	2006	Rs. 6600/-	January	Prof. Bimla Kapoor Ms. Laxmi

* **BScN(PB)**: 10+2 with three Diploma in General Nursing and Midwifery (GNM) with minimum of two years experience in the profession. OR 10th class (matriculation) or its equivalent with three years Diploma in General Nursing and Midwifery (GNM) with minimum of five years experience in the profession. (for male nurses or nurses who have not done midwifery in the GNM programme should have a certificate in any of the nursing course of 6-9 months duration prescribed by the Indian Nursing Council in lieu of midwifery.)

** **DNA**: General Nursing and Midwifery (GNM), RNRM with two years experience in the profession. (For male nurses or nurses who have not done midwifery in the GNM programme should have in any of the nursing course of 6-9 months duration prescribed by the Indian Nursing Council in lieu of midwifery.)

4.	Diploma in Critical care Nursing (DCCN)	In Service Nurses	Minimum 1 Year; Maximum 3 Years	English	32	2011	Rs. 4000/-	July	Prof. Pity Koul
5.	Certificate in Competency Enhancement for Auxiliary Nurse Midwife (ANM)/ Female Health Worker (FHW) (CCLEANM) 3 years of experience	In Service ANM (Revised syllabus) with 2 years of experience Or In Service ANM (Old syllabus) with	Minimum 1 Year; Maximum 3 Years	English & Hindi	32	2006	Rs. 6700/-	January and July	Prof. Pity Koul
6.	Certificate in Maternal and Child Health Nursing (CMCHN)	GNM, PHN, LHV, ANM	Minimum 6 Months; Maximum 2 Years	English	16	2007	Rs. 4700/-	January and July	Prof. Pity Koul
7.	Certificate in Newborn and Infant Care (CNIC)	GNM or BScN and above	Minimum 6 Months; Maximum 2 Years	English	14	2007	Rs. 4700/-	January and July	Prof. Pity Koul
8.	Certificate in Diabetes Care for Community Worker (CDCW)	10+2	Minimum 6 Months; Maximum 2 Years	English	14	2009	Rs. 2000/-	January and July	Ms. Neerja Sood Dr. V. Bhattacharjee
9.	Certificate in Home Based Health Care (CHBHC)	10 Class	Minimum 6 months; Maximum 2 years 2009	English Hindi	14	2009	Rs. 1500/-	January and July	Prof. Bimla Kapoor Ms Reeta Devi
10.	Certificate in AYUSH Nursing (Ayurveda) (CAY)	In Service ANM	Minimum 6 Months; Maximum 2 Years	English	14	2011	Rs. 1500/-	January and July	Prof. Bimla Kapoor Neerja Sood
11.	Certificate in Adolescent Health & Counselling (CAHC)	Teachers and Graduates	Minimum 6 Months; Maximum 2 Years	English	14	2011	Rs. 1500/-	January and July	Prof. Bimla Kapoor Mrs Laxmi

Health Sciences Discipline									
12.	Post Graduate Diploma in Maternal and Child Health (PGDMCH)	MBBS 3 Years	Minimum 1 Year; Maximum	English	36	1997	Rs. 20,300/-	July	Prof. T.K. Jena
13.	Post Graduate Diploma in Hospital and Health Management (PGDHHM)	Medical Dental Graduate, ISM&H, Nursing, Pharmacy Graduates with 3 years of hospital experience MBA, PGD in Financial, Material, Personnel Management with 5 years of hospital experience	Minimum 1 Year; Maximum 3 Years	English	32	2001	Rs. 18,800/-	January	Prof. S.B. Arora
14.	Post Graduate Diploma in Geriatric Medicine (PGDGM)	MBBS	Minimum 1 Year; Maximum 3 Years	English	32	2004	Rs. 18,200/-	January	Dr. Ruchika Kuba
15.	Post Graduate Diploma in Clinical Cardiology (PGDCC)	MBBS	Minimum 2 Years; Maximum 4 Years	English	72	2006	Rs. 39,600/- per year	July	Dr. A. K. Agarwal Dr. Biplab Jamatia
16.	Post Graduate Diploma in Acupuncture (PGDACP)	Medical and ISM&H Graduates	Minimum 1 Year; Maximum 3 Years	English	32	2010	Rs. 20,000/-	July	Prof. S.B. Arora
17.	Post Graduate Diploma in District Health Management Programme (PGDDHM)	Graduate with minimum 2 years of experience in Public Health Medical Doctor, Member of Civil	Minimum 1 Year; Maximum 3 Years	English	32	2010	Rs. 10,000/-	July	Prof. S.B. Arora

		Society, NGO staff Public Health Student														
18.	Post Doctoral Certificate in Dialysis Medicine (PGCDM)	MD/DNB in Medicine/ Paediatrics	Minimum 1 Year; Maximum 3 Years	English	36	2011	Rs. 30,000/-	July	Prof. T.K. Jena							
19.	Post Graduate Certificate of Endodontics (PGCE)	BDS	Minimum 1 Year; Maximum 3 Years	English	30	2008	Rs.1,20,000/-	July	Dr. A. K. Agarwal Dr. Ruchika Kuba							
20.	Post Graduate Certificate in Oral Implantology (PGCOI)	BDS	Minimum 1 Year; Maximum 3 Years	English	30	2008	Rs.1,56,000/-	July	Dr. A. K. Agarwal Dr. Ruchika Kuba							
21.	Post Graduate Diploma in HIV Medicine (PGDHVM)	MBBS	Minimum 1 Year; Maximum 3 Years	English	36	2011	Rs.30,000/-	July	Prof. T.K. Jena Dr. Biplab Jamatia							
22.	Post Graduate Diploma in Bio- Ethics (PGDBE)	Medical, Pharmaceutical, Law and Social Science Graduate 10+2	Minimum 1 Year; Maximum 3 Years	English	32	2011	Rs.25,000/-	July	Prof. S.B. Arora							
23.	B.Sc. (Hons.) in Optometry and Ophthalmic Techniques (BSCHOT)	10+2	Minimum 4 Year; Maximum 6 Years	English	128	2007	Rs.23,800/- per year	July	Prof. S.B. Arora							
24.	Certificate in Health Care Waste Management of South-East Asian Countries (CHCWMM)	Doctor, Nurses, paramedicals, Health Managers and with 10+2	Minimum 6 Months; Maximum 2 years	English, Hindi Mono- golian Bhasha	14	2006	Rs. 2600/- Rs. 5000/- for SAARC countries US\$ 200/- for other countries	January and July	Prof. A.K. Agarwal Dr. Ruchika Kuba							

HEALTH SCIENCES DISCIPLINE

12. Post Graduate Diploma in Maternal and Child Health (PGDMCH)

Post Graduate Diploma in Maternal a Child Health (PGDMCH) Programme is a one-year programme of 36 credits (18 credits in theory and 18 credits in practical). This programme was launched in 1997 and has undergone two revisions. The 2nd revised programme is being implemented since January 2008. The number of PSCs established till date are 32.

This Programme is a comprehensive package of Community Medicine/PSM, Obstetrics and Gynaecology and Paediatrics so as to give an integrated knowledge on the MCH care. The Reproductive and Child Health (RCH) Programme, the Integrated Management of Neonatal and Childhood Illness (IMNCI) , Adolescent-Friendly Reproductive & Sexual Health (AFRSH) Services, and other approaches of Government of India to improve the various morbidity and mortality indicators related to MCH care forms the part of this package. The programme aims at updating the knowledge and skills of practicing doctors and those placed in a peripheral set up like Primary Health Centre/Community Health Centre. The package would also be beneficial for doctors at all levels engaged in the MCH care in different capacities.

OBJECTIVES

The broad objectives of this programme are to:

- imbibe comprehensive knowledge of ongoing Maternal and Child Health Programmes and be able to manage Health Care Services at different institutional levels;
- tackle the disease outbreaks and effectively manage the National Health Programmes especially in relation to MCH services;
- provide antenatal care including those of high risk pregnancy, conduct normal delivery, handle common emergency care related to pregnancy and its outcome and identify referral situations;
- manage common gynaecological morbidity and provide family planning services;
- provide newborn care, identify high risk babies, diagnose and manage common childhood morbidity including emergencies; and
- acquire knowledge on nutritional needs, assess growth and development of children and manage their respective problems.

PROGRAMME STRUCTURE

Course Code		Course Title	Course Credits		Total
Theory	Practical		Theory	Practical	
MME-201	MMEL-201	Preventive MCH	6	6	12
MME-202	MMEL-202	Reproductive Health	6	6	12
MME-203	MMEL-203	Child Health	6	6	12
		Total Credits	18	18	36

13. Post Graduate Diploma in Hospital and Health Management (PGDHHM)

Post Graduate Diploma in Hospital and Health Management (PGDHHM) Programme comprises 32 credits (18 credits in theory and 14 credits in practical) including project work. This programme aims at improving the managerial skills of practicing Doctors, Health Professionals and Allied Health Care Professionals working in health care profession for providing effective and efficient hospital and health care services. This programme was launched in January 2001. The number of Programme Study Centres activated at present are 23.

OBJECTIVES

The broad objectives of this programme are to:

- acquire theoretical knowledge and develop practical skills to apply scientific approach to management of people, materials, finance, communication and for organizing work and managing resources;
- learn modern management techniques like inventory control; economic order quantity
- learn operational research and organizational development, management information system etc.,
- learn methods of problem solving and decision making and plan in advance to face the problems of hospital management; and
- assess the clinical and non-clinical needs of patient care, and understand the administrative and technical requirements of physicians and paramedical personnel.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits		
		Theory	Practical	Total
PGDHHM-001	Introduction to Management-I	3	2	5
PGDHHM-002	Introduction to Management-II	3	2	5
PGDHHM-003	Organization and Management of Hospital	3	2	5
PGDHHM-004	Clinical, Diagnostic and Therapeutic Services	3	2	5
PGDHHM-005	Support and Utility Services and Risk Management	3	2	5
PGDHHM-006	Health System Management Project work -	3 -	2 2	5 2
Total Credits		18	14	32

14. Post Graduate Diploma in Geriatric Medicine (PGDGM)

Post Graduate Diploma in Geriatric Medicine (PGDGM) Programme is a one-year Diploma Programme of 32 credits (14 credits in theory and 18 credits in practical). This programme was launched in January, 2004. The number of Programme Study Centres activated at present are 17. This programme will equip the practicing doctors with knowledge and skills in the field of Geriatric Medicine and enable them to deal with the special problems faced by the elderly.

With increased expectancy of life over the years, the proportion of elderly population is fast

increasing. Aging is inevitable and irreversible. The epidemiology and the clinical features of diseases vary in this age group and drug dosages and interactions also differ. Geriatric management requires not only medical interventions but also special economic and environmental interventions. This programme aims at not only enhancing the knowledge but also multiskilling the doctors so as that they can provide primary level care to the elderly.

OBJECTIVES

The broad objectives of this programme are to:

- upgrade the knowledge and skills for providing comprehensive health care to elderly;
- inculcate the inter-disciplinary approach for diagnosing and management of geriatric health problems; and
- improve the clinical, social and communication skills by providing hands on training in Medical colleges and district hospitals.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits		
		Theory	Practical	Total
MME-004	Basic Geriatrics	6	-	6
MME-005	Clinical Geriatrics	8	-	8
MMEL-004	Basic Geriatrics	-	6	6
MMEL-005	Clinical Geriatrics	-	12	12
	Total Credits	14	18	32

15. Post Graduate Diploma in Clinical Cardiology (PGDCC)

India with over a billion population requires a few thousand cardiologists to be trained. Contrary to this, today we train only around 150 cardiologists with DM/DNB qualifications. Unless we address this issue of training a large number of cardiologists, especially for treating heart patients in an average district town/semi-urban area, the situation will not change much. To address this issue, School of Health Sciences has developed a 2-year programme for MBBS doctors in collaboration with Narayana Hrudayalaya, Bangalore. This is a 72 credits programme comprising of 30 credits in theory and 42 credits in practical. In this programme the young medical graduates are intensively trained for two years through an extremely well structured programme. It is implemented through leading cardiac institutions in the country. The programme was launched in January, 2006. The number of Programme Study Centres activated at present are 66. More than 300 cardiologists from across the country are involve in this programme. Large number of the successful candidates (173 Candidates have already passed) from this programme are providing service to the district level towns.

Govt. appointed few PGDCC candidates as medical officer in-charge of ICU & Non-Communicable Diseases.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits		
		Theory	Practical	Total
MCC- 001	Fundamentals of Cardiovascular System-I	4	-	4
MCC- 002	Fundamentals of Cardiovascular System-II	4	-	4
MCC- 003	Common Cardiovascular Diseases-I	6	-	6
MCC- 004	Common Cardiovascular Diseases-II	4	-	4
MCC- 005	Common Cardiovascular Diseases-III	4	-	4
MCC- 006	Cardiovascular Epidemiology	4	-	4
MCC- 007	Cardiovascular Related Disorders	4		4
MCCL- 001	Cardiovascular Evaluation-I	-	8	8
MCCL- 002	Cardiovascular Evaluation-II	-	6	6
MCCL-003	Management of Common Cardiovascular Diseases	-	10	10
MCCL-004	Management of Congenital Heart Diseases	-	4	4
MCCL-005	Preventive Cardiology	-	8	8
MCCL-006	Intensive Coronary Care	-	6	6
	Total	30	42	72

For details : pgdcc@ignou.ac.in

16. Post Graduate Diploma in Acupuncture (PGDACP)

Acupuncture is a traditional method of therapy which is very well recognized world over and well accepted by the people as it does not have any side effects. This method has been found to be useful in all types of diseases specially the chronic diseases. Moreover the cost of the treatment is less as compared to the other systems of medicine. Post Graduate Diploma in Acupuncture is the first medical programme which is being offered online. The programme is one year duration and it aims to help graduates of different systems of medicine to learn a new therapy and utilize it for patient benefit in treating acute and chronic diseases. The practical training is being in pasted through of Programme studies Centres.

PROGRAMME STRUCTURE

Course Code	Course Title	Course	Course Credits
PGDACP-01	Basic theories of acupuncture	Theory	03
PGDACP-02	TCM Diagnosis	Theory	02
PGDACL-01	Basic Acupuncture Practical	Practical	04
PGDACP-03	Acupuncture Meridians	Theory	03
PGDACL-02	Acupuncture Point Location	Practical	04
PGDACP-04	Basics of Acupuncture	Theory	02
PGDACL-03	Practical on Basic Acupuncture Treatment	Practical	04
PGDACP-05	Treatment of common diseases with Acupuncture	Theory	04
PGDACP-06	Ear & Scalp Acupuncture	Theory	02
PGDACL-04	Clinical Acupuncture Practical	Practical	04
	Total Credits		32

17. Post Graduate Diploma in District Health Management (PGDDHM) Programm

PGDDHM programme is a 32 credit programme (24 credits for theory and 8 credit for practical) including project work. This programme aims to support the public health practioners working in the districts in all aspects of Public Health systems. The role of Public health practioners working in the districts is very crucial in all aspects of district health management and public health management. This programme was lunched in July 2009. At Present 7 Programme Study Centres have been activated

OBJECTIVES

The broad objectives of the programme are to:

- Acquire theoretical knowledge and develop practical skills to apply to scientific approach to management of District health services.
- Learn modern management techniques required for making Dirstrich Health Plans
- Plan in advance how to face the problem of Health Delivery Services.
- Assess HR needs, develop understanding of the administrative and technical requirements of different personnel.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits
MHM-010	Public Health System	4
MHMI-011	Women and Child Health	6
MHMI-012	Community Participation for Health	6
MHMI-013	Managing District Health Services	6
MHMI-014	Emergine Issues in Health Sector	6
MHMI-015	Special focus areas in Health Care	4
	Total Credits	32

18. Post Doctoral Certificate in Dialysis Medicine (PDCDM)

School of Health Sciences, IGNOU and Directorate General of Health Services (DGHS) offer one year Post Doctoral Certificate in Dialysis Medicine in 15 designated Hospitals. This programme is recognized by DGHS, MOHFW, Govt. of India. Six months hands-on-skills training with provision of stipend @70,000/- per month for non sponsored candiddates. Firfty percent seats are marked for sponsored candidates. Sponsorships form non-Govt. sector will also be considered.

OBJECTIVES

After completion of this programme, a student should be able to:

- imbibe comprehensive knowledge on basics of nephrology as related to detail of haemodialysis, reasonable adequate for peritoneal dialysis and brief of renal transplant;
- handle temporary vascular access at the time of need.
- dialyze stable patients adequately and safely on long-term basis and anticipate potential complication; and

- recognize and handle emergencies related to dialysis and take bedside decision for management.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credit
MCMD-001	Hemodialysis-Basics	4
MCMD-002	Hemodialysis-Advanced	4
MCMD-003	Peritoneal Dialysis and Renal Transplant	4
MCMDL-001	Hemodialysis-Basics	12
MCMDL-002	Hemodialysis-Access	8
MCMDL-003	Peritoneal Dialysis and Renal Transplant Practical	4
Total Credits		36

19. Post Graduate Certificate of Endodontics (PGCE)

Post Graduate Certificate in Endodontics (PGCE) Programme is a one-year Certificate Programme of 30 credits (14 credits theory and 16 credits practical) developed by IGNOU in collaboration with Dental Council of India (DCI). This programme has been launched from July, 2008. Eighteen Programme Study Centres are activated. This programme will equip the practicing dentists with enhanced knowledge and skills in the field of Conservative Dentistry.

OBJECTIVES

The broad objectives of this programme are to:

- enhance the knowledge and skills in the field of conservative dentistry.
- improve assessment, diagnosis and management skills so as to carryout specialized interventions in the field of conservative dentistry.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits
Theory		
MDT-001	Fundamentals of Endodontics	4
MDT-002	Clinical Endodontics I	4
MDT-003	Clinical Endodontics II	6
Practical		
MDTL-001	Practicals of Fundamentals of Endodontics	6
MDTL-002	Practicals of Clinical Endodontics	10
Total Credits		30

20. Post Graduate Certificate in Oral Implantology (PGCOI)

Programme of 30 credits (14 credits theory and 16 credits practical) developed by IGNOU in collaboration with Dental Council of India (DCI). This programme has been launched from July, 2008. 15 Programme Study Centres are activated. This programme will equip the practicing dentists with enhanced knowledge and skills in the field of Oral Implantology.

OBJECTIVES

The broad objectives of this programme are to:

- enhance the knowledge and skills in the field of oral implantology.
- improve assessment, diagnosis and management skills needed for dental implants.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits
	Theory	
MDT-004	Fundamentals of Oral Implantology	8
MDT-005	Advanced Surgical, Implantology	6
	Practical	
MDTL-004	Practicals of Oral Implantology-I	8
MDTL-005	Practicals of Oral Implantology-II	8
	Total Credits	30

21. Post Graduate Diploma in HIV Medicine (PGDHIVM)

School of Health Sciences, IGNOU and National AIDS Control Organization (NACO) offer one year Post Graduate Diploma in HIV Medicine (PGDHIVM) in 6 designated Hospitals. This programme is recognized by NACO, MOHFW, Govt. of India. Twenty eight days hands-on-skills training in the Centre of excellence

OBJECTIVES

After completion of this programme, a student should be able to:

- imbibe comprehensive knowledge on basics of HIV/AIDS as related to detail of management of HIV/AIDS in tertiary care set up;
- manage all complications as well as opportunistic infections due to HIV/AIDS at the time of need; and
- recognize and handle emergencies related to HIV/AIDS and its complications and take bedside decision for management whenever is required.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credit
	Theory	
MCMM-001	Basics of HIV Infection	4
MCMM-002	National AIDS Control Programme	4
MCMM-003	Systemic Involvement in HIV and STI	4
MCMM-004	Management of HIV/AIDS	6
	Practical	
MCMML-005	Basics Practical	8
MCMML-006	Clinical Practical	10
	Total Credit	36

22. Post Graduate Diploma in Bio-Ethics (PGDBE)

PG Diploma in Bioethics programme is a 32 credit programme. It is a need based programme which aims at protection and welfare of research participants, animals and their environment relating to ethical, legal and social issues. Application of bioethical principles can help lead policymakers and corporation toward the most equitable and ethical means to achieve their desired ends.

OBJECTIVES

The programme aims at the following learning objectives and will provide and develop:

- Comprehensive understanding of all ethical issues in Bio-Medical Research.

- Awareness regarding requirement of Clinical Research and Ethical issues
- Understanding to use state of arts electronic media for teaching-learning process.

PROGRAMME STRUCTURE

Course Title	Course Credits
Theory	
Introduction in Bioethics	04
Clinical Ethics	04
Research Methodology	04
Research Ethics- ICMR Guidelines - I	04
Research Ethics- ICMR Guidelines - II	04
Other issues in Research Ethics	04
Bioethics & Law	04
Educational technology and Communication	04
Total Credits	32

23. B.Sc. (Hons.) in Optometry and Ophthalmic Techniques (BSCHOT)

B.Sc.(Hons.) in Optometry and Ophthalmic Techniques (BSCHOT) is a four-year degree programme and is aimed to develop a multipurpose ophthalmic manpower in the country. This programme comprises of 128 credits (52 credits theory and 76 credits practical). This programme was launched in July, 2007. The number of Programme Study Centres activated at present are 26.

OBJECTIVES

The Programme has been launched with broad objective of training the students in optometry and various ophthalmic procedures. After going through this programme, the students shall be able to:

- assist eye specialists in big eye hospitals, eye care health units, etc., as refractionists, orthoptists,
- work as theatre assistants and refractionists
- get themselves self employed as opticians, optometrists and refractionists;
- estimate errors of refraction and be able to prescribe glasses;
- maintain ophthalmic appliances and instruments; and
- assess ocular motility disorders and prescribe adequate treatment including eyeball exercises.

PROGRAMME STRUCTURE

In IGNOU parlance, the study hours are measured in credit system. One credit is equivalent to 30 learning hours. Each theory booklet is called a block, which consists of three to six chapters called units. Usually each block represents one credit. The practical manual is meant for guidance in 'Hands on training'.

Course Code	Course Title	Theory Credits		Practical Credits		Total
BOS-001	: Communicative English	4		-		4
BOS-002	: Computer Skills	-		4		4
BOS-003	: Basic Human Sciences	4		4		8
BOS-004	: Basic Ocular Sciences	4		4		8
BOS-005	: Optometry Practices	4		4		8
BOS-007	: Visual Optics	4		4		8
BOS-008	: Dispensing Optics	4		4		8
BOS-009	: Basic Orthoptics	4		4		8
BOS-010	: Ocular Diseases	4		4		8
BOS-011	: Contact Lenses	4		6		10
BOS-012	: Low Vision	4		4		8
BOS-013	: Community Optometry	4		10		14
BOS-014	: Optometry For Specific Groups	4		4		8
BOS-015	: Optometric Instruments and Procedures	4		4		8
Practical Training				16		15
Total Credits		52		76		128

24. Certificate in Health Care Waste Management (CHCWM)

The concern for bio-medical waste management has been felt globally with the rise in deadly infections such as AIDS and Hepatitis B. There has also been an increase in the indiscriminate disposal of health care waste. The main bottleneck to sound health care waste management practices is lack of training and appropriate skills to manage waste by different health care functionaries. To cater to the needs of health care functionaries and impart good waste management practices, a six- month, 14 credits Certificate Programme in Health Care Waste Management has been developed in collaboration with WHO-SEARO. The Programme is also offered internationally both in South East Asia Countries as well as other countries. Partner Institutions (Programme study centre) have already been established in Bangladesh, Nepal and Mongolia. A few more centres in other South East Asian Countries are in the offing.

OBJECTIVES

The broad objectives of this programme are to:

- sensitize the learner about health care waste and its impact on our health and environment;
- acquaint the learner about the existing legislation, knowledge and practices regarding infection;
- control and health care waste management practices in the countries of South- East Asia Region; and
- equip the learner with skills to manage health care waste effectively and safely.

PROGRAMME STRUCTURE

Course Code	Course Title	Course Credits		Total
		Theory	Practical	
BHM-001	Foundamental Environment and Health, Health Care Waste Management Regulations	4	-	4
BHM-002	Health Care Waste Management; Concepts, Technologic and Training	6	-	6
BHM-003	Project	-	4	4
Total Credits		10	4	14

New Programme to be Launched in 2012

Sl. No.	Health Sciences Discipline
1.	M.Sc. Optometry
2.	Post Graduate Diploma in Diabetes Medicine (PGDDME)
3.	Post Graduate Diploma in Anesthesia
4.	Post Graduate Diploma in Radio Diagnosis
5.	Post Graduate Diploma in Critical Care Medicine
6.	Certificate in Echocardiography (Online Programme)
Nursing Discipline	
7.	Diploma in Mental Health and Psychiatric Nursing (DMHPN)
8.	Post Graduate Diploma for Nurse Intensivist
9.	M.Sc. in Mental Health and Psychiatric Nursing
10.	M.Sc. in Child Health (Paediatric) Nursing
11.	M.Sc. in Community Health Nursing

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Printed and published on behalf of the Indira Gandhi National Open University by
Prof. T. K. Jena, Director, SOHS, IGNOU, New Delhi
Print Production : Mr. T.R. Manoj, Assistant Registrar (P), SOHS, IGNOU, New Delhi.
Designed and Printed by : Akashdeep Printers, 20-Ansari Road, Daryaganj, New Delhi-110002