



SRI ADICHUNCHANAGIRI SHIKSHANA TRUST (R.)
BGS GLOBAL INSTITUTE OF MEDICAL SCIENCES

(Affiliated to Rajiv Gandhi University of Health Sciences, Bangalore)
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LIST OF COURSES WITH THEIR DESCRIPTION

UG Courses where relevant issues like gender, environment and sustainability, human values, health determinants, right to Health and emerging demographic issues and Professional Ethics are addressed

| Sl no | Year | Course | Issue Addressed | Methodology Integration addressed |
|-------|------|--------------|------------------------------|---|
| 1 | I | Anatomy | Gender | <ul style="list-style-type: none">• Development male reproductive system in embryology.• Development of female reproductive system in embryology.• Gross anatomy of male and female reproductive system Genetics |
| 2 | I | Anatomy | Human values | <ul style="list-style-type: none">• Cadaveric oath Demonstrate respect and follow the correct procedure when handling cadavers and other biologic tissue |
| 3 | I | Physiology | Gender | <ul style="list-style-type: none">• Physiology of menstrual cycle, Ovulation & fertilization• Describe female reproductive system: (a) functions of ovary and its control; (b) menstrual cycle - hormonal, uterine and ovarian changes |
| 4 | II | Microbiology | Environment & sustainability | <ul style="list-style-type: none">• Biomedical Waste Management- Segregation, treatment and disposal of biomedical waste |
| 5 | II | Pharmacology | Human values | <ul style="list-style-type: none">• Foundations of communication Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non-judgmental and empathetic manner |
| 6 | II | Pharmacology | Human values | <ul style="list-style-type: none">• Foundations of bioethics• Describe and discuss role of non-maleficence, autonomy and beneficence as a guiding principles in patient care Describe and discuss the role of physician in health care system |
| 7 | II | Pathology | Professional Ethics | <ul style="list-style-type: none">• Working in health care team• Demonstrate ability to work in a team of peers and superiors Demonstrate respect in relationship with patients, |

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| | | | | fellow team members, superiors and other health care workers. |
| 8 | II | Microbiology | Professional Ethics | <ul style="list-style-type: none"> Case studies in bioethics Identify, discuss and defend medico-legal, socio-cultural and ethical issues as it pertains to patient autonomy, patient rights and shared responsibility in health care |
| 9 | II | Forensic medicine | Gender and Ethical issues in Practice | <ul style="list-style-type: none"> Personal Identity, its need and importance - Sex determination and its role in medico legal importance. Mechanical Injuries and Burns- Violence as a cause of Burns injuries. Medico -legal aspects of sex, marriage and infant death-virginity of women Medico -legal aspects of sex, marriage and infant death-Safe abortion as a right of women. |
| 10 | II | Forensic medicine | Professional Ethics | Describe and discuss Ethical Guidelines for Biomedical Research on Human Subjects & Animals |
| 11 | III | Community medicine | Health determinants | <ul style="list-style-type: none"> Concept of health and disease Define and describe the concept of Public Health Define health; describe the concept of holistic health including concept of spiritual health and the relativeness & determinants of health Health-definition, spectrum of health and factors affecting it Indicators of health. Health problems of world- urban and rural- Indian health. |
| 12 | III | Community medicine | Environment & sustainability | <ul style="list-style-type: none"> Environment and health Describe the characteristics of agent, host and environmental factors in health and disease and the multi factorial etiology of disease |
| 13 | III | Community medicine | Right to health issue | <ul style="list-style-type: none"> Concept of health and disease Describe and discuss the concepts, the principles of Health promotion and Education, IEC and Behavioral change communication (BCC) Family welfare and Population Control- Gender discrimination in family planning program. |
| 14 | III | Community medicine | Emerging demographic changes | <ul style="list-style-type: none"> Demography Enumerate and describe health indicators Describe the Demographic profile of India |

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| | | | | <p>and discuss its impact on health</p> <ul style="list-style-type: none"> • Health Care Delivery System in India- Urban and Rural. • Demography, Demographic cycle, Population Trends- World and India. |
| 15 | IV | General medicine | Professional Ethics | <ul style="list-style-type: none"> • Bioethics • Demonstrate ability to communicate to patients in a patient, respectful, non-threatening, non-judgmental and empathetic manner <p>Communicate diagnostic and therapeutic options to patient and family in a simulated environment</p> |
| 16 | IV | Paediatrics | Professional Ethics & Human values | <ul style="list-style-type: none"> • Genetic counselling • Describe the principles of genetic counselling <p>Discuss the genetic basis, risk factors, complications, prenatal diagnosis, management and genetic counselling in common genetic syndromes</p> |
| 17 | IV | OBG | Gender | <ul style="list-style-type: none"> • Sex and Gender- Concept of gender and sex, interaction between gender and health. • Physiology of Menstruation Recognition of taboos related to menstruation and its effect on health of adolescent girls • Puberty and Menopause Importance of adolescent sexuality education and recognition of violence faced by girls during puberty • Physiology of Ovulation / Conception / implantation Reflection on disproportionate focus on women while dealing with infertility |
| 18 | IV | OBG | Right to health | <ul style="list-style-type: none"> • Antenatal care nutrition in pregnancy detection of high-risk pregnancy- Teenage pregnancy, older age pregnancy, anemic women and domestic violence as a cause of pregnancy related complication • Contraception - introduction and Basic principles- Challenges faced by women in access to contraception and role of domestic violence in it. Recognizing disproportionate use of contraceptive methods by women and bringing the focus on vasectomy. High Risk Pregnancy- Social risk factors in pregnancy. |
| 19 | IV | OBG | Professional Ethics | <ul style="list-style-type: none"> • Describe the principles of genetic counselling |

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| | | | | MTP Act and procedures of MTP in first and second trimester- Right to choose Understanding difference between MTP and PCPNDT ACT, post abortion contraception |
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12/05/20

DEAN cum PRINCIPAL

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