

BBA (HOSPITAL ADMINISTRATION) IV YEAR

BACHELOR DEGREE (HONOURS)

S.No	Paper	Course Type	Subject Code	Subject Name	Credit Hours	Cumulative Credit Hours
1	MAJOR PAPER (DSE)	Major-1	MAJBHA-401	ADVANCED HOSPITAL PLANNING	6	6
2		Major-2	MAJBHA-402	PUBLIC HEALTH ADMINISTRATION	6	12
3		Major-3	MAJBHA-403	QUALITY MANAGEMENT & PATIENT CARE	4	16
4		Major-4	MAJBHA-404	CONTEMPORARY ISSUES IN HEALTH CARE	4	20
5	MINOR	Minor -1	MINBHA-405	LEGISLATION & ETHICS FOR HOSPITALS	4	24
6		Minor -2	MINBHA-406	RESEARCH METHODOLOGY IN HEALTH CARE	4	28
7	INTERNSHIP/ APPRENTICESHIP /REASEACH PROJECT	Intra/ Intra/ Faculty	INTBHA-407	INTERNSHIP/ APPRENTICESHIP/ RESEARCH PROJECT (RELATED TO MAJOR SUBJECTS OF 4TH YEAR)	12	40

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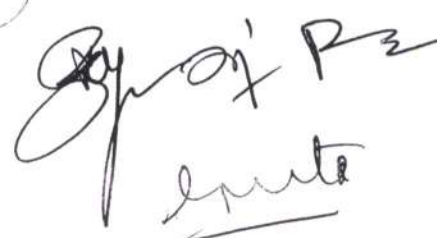
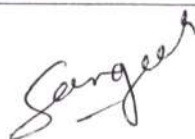
MAJOR-1 MAJBHA-401- ADVANCED HOSPITAL PLANNING

Course Objective:-

- To acquaint the young hospital managers with the complexity and uniqueness in planning various specialty of the hospitals.
- To acquaint them with latest trends in hospital planning

COURSE CONTENTS

UNIT	Content
1	1.1-General introduction 1.2-Advanced concepts-design team, planning for various departments in hospital 1.3-Manpower planning and related issues 1.4-planning for hospital departments as per NABH accreditation 1.5-recent trends in hospital planning and buildings
2	2.1Planning of Hospital - general. 2.2 What to build, where to build and how to build, 2.3.Design development External & Internal, 2.4 Design team 2.5 Choice of Architect- Qualification, experience & track record etc.
3	3.1Role of the Architect. - In the planning stages; preliminary sketches; final plans, working; drawing; specification; 3.2 Construction problems and contract modifications. 3.3 Site Surveys. 3.4 Physical environment, 3.5 possibility for expansion; 3.6 Utilities-water-electricity, sewer, lines, telephone, transportation and others.
4	4.1Role of Hospital Administrator in Planning Process 4.2 Hospital Building: - 4.2.1 External architect aspects. 4.2.2 Internal arrangements.



	4.3 External Services. 4.4 Residential accommodation.
5	5.1 Role of Administration in Building a Hospital Planning of Specified Hospitals. 5.2 1000 bed hospital teaching or general. 5.3 500 bed hospital. 5.4 200 bed hospital. 5.5 Special hospital. 5.6 Primary Health Centre and community Health Centre.
6	6.1 Alteration and addition in and existing hospital planning the maintenance department 6.2 Engineer's office. 6.3 Workshop of various types. 6.4 Preparing equipment list for the new hospital. 6.5 Building in equipment. 6.6- Non-expendable locally available or to be imported 6.7 Expendable equipment, Capital equipment.
7	7.1 Planning for Organizational Hierarchy, 7.2 Manpower requirement & recruitment Hospital Policies & other guidelines 7.3 Training & Development facilities 7.4 Planning Research & Education facilities 7.5 Future Expansion Plans Accreditation & Quality Management 7.6 TQM Planning 7.7 WHO Standards and Recommendations, 7.8 National & International Standards
Text Books: • BM, Sakharkar, "Principals of Hospital Administration planning" 2nd edition • Modern Trends in planning and designing of Hospitals-latest edition-JP publications • Hospital planning by Kunders	

MAJOR-2 MAJBHA-402- PUBLIC HEALTH ADMINISTRATION

Objective: The objective of the course is to enable students to have a good understanding of Health administration.

COURSE CONTENTS

UNIT	Content
1	Basic concepts: • Meaning & Concept of Health, Disease , Care and Administration • Various levels of prevention/care & cure, levels of management • Health administration in India; Organization of health services at Centre, State & District level • General introduction to organization of health care delivery system in India.
2	Detailed Study and Discussions • Various committees for recommendations on health care; National Health Programs in details • Reasons for increasing Need and demand for medical care and Need/Demand assessment • Factors determining Availability and Cost of medical care steps/techniques to reduce the cost of medical care.
3	Urban medical care system in metropolitan cities.// Rural medical care including the role of State, NGO's, Private medical practitioners and community at large
4	Organization and administration of better medical care
5	National Health Policy and National Population Policy (Latest reviews)
6	Healthcare resource planning and allocation
7	Success / Failure Analysis for various Health Plans, Programs, Schemes etc. and Research for their Causes.
8	Alternative systems of health care:-General introduction and their role in overall healthcare system, Yoga Therapy & its Global relevance. • Rehabilitation • WHO and other International Health Agencies. • Immunization, International recommendations for immigrant's vaccination
Text Books: 1. K Park Park's Text Book of Preventive and Social Medicine. 2. B.K. Mahajan Text Book of Preventive and Social Medicine. 3. WHO Publications on International Vaccination.	

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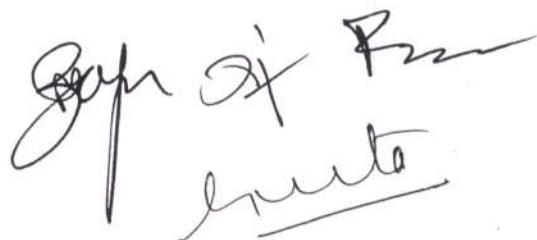
MAJOR-3 MAJBHA-403- QUALITY MANAGEMENT & PATIENT CARE

Course Objective:

- To understand the concept of quality management tools & techniques and to be able to implement those in the hospitals.
- To utilize data to support quality and performance measurement decision-making processes for health care entities.
- To incorporate the principles of quality management for improving outcomes in hospitals.
- To integrate quality improvement and evaluation strategies with systems such as Six Sigma, Lean Management etc.

COURSE CONTENTS

UNIT	Content
1 Basics of Quality Management	Definition of quality, Principles of quality, Need for focus on quality in health care; Dimensions of quality in primary healthcare; Different Quality Frameworks, Quality Control Circles; Cost and Quality: Prevention Costs, Appraisal costs, Internal & External failure costs
2 Quality Approaches	Quality Control, Quality Assurance, QA cycle. Total Quality Management: Principles of Edward Deming, Joseph Juran & Philip Crosby Types and process of Benchmarking Medical Audit and Prescription Audit.
3 Quality Management Tools and Techniques	Cause Effect Analysis and Pareto Analysis Lean management: Lean Principles and its tools (5 S Techniques, 3 M technique); Six Sigma Methodology: DMAIC methodology, Training and its application in hospitals.
4 Accreditation	Benefits of Hospital Accreditation, Quality Council of India (QCI), National Accreditation Board for Hospitals & Healthcare Providers (NABH)–its Accreditation procedure and Assessment criteria; Joint Commission International (JCI).
5 Patient Safety	Principles and Types of Patient Safety; Hospital Acquired Infections, Control and prevention of Nosocomial Infections; Medical Errors and their prevention.



Text and References:

- Gyani J Girdhar, Handbook of Healthcare quality and Patient Safety.
- Brajkishore Rajoriya, Hospital and Healthcare Accreditation, Jaypee publishers.
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- Mark Graban, Lean Hospitals: Improving quality, patient safety and employee engagement.
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- Promising Care: How We Can Rescue Health Care by Improving It by Donald Berwick. ISBN: 978-1-118-79588-0.
- The Healthcare Quality Book: Vision, Strategy, and Tools, 2nd Edition 2nd Edition by Elizabeth R. Ransom, Maulik S. Joshi, David B. Nash, Scott B. Ransom. ISBN-13: 978-1567933017.
- Quality Management in Hospitals (2nd Edition) by S. K. Joshi, Jaypee Publishers.
- Total Quality Management-Aswathappa-Himalaya Books House
- Quality Management-P. C. Tripathy
- Hospital Quality Assurance: Risk Management & Program evaluation, Jesus J. Pena



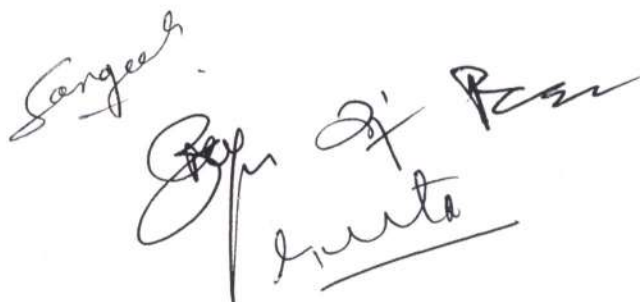
MAJOR-4 MAJBHA-404- CONTEMPORARY ISSUES IN HEALTH CARE

Course Objective:

- The objective of the course is to acquaint the students with changing scenes of health and diseases
- The latest diagnostic and therapeutic approaches and emerging issues at National & International levels.

COURSE CONTENTS

UNIT	Content
1	Changing patterns of Diet & Nutrition, Changing concepts of Quality of Life, Changing socio economic standards Changing pattern of Health & Disease, Role of Doctor and medical personnel as a community advisor
2	Advanced Scientific methods in Radiology ,Radio diagnosis & Radiotherapy, Computerized organ functions, Blood gases, Multi Para monitoring, Ventilators, Defibrillators, Pace makers, Various Endoscopies, Endoscopic diagnosis, Biopsies & Endoscopic surgeries.
3	Cardiac procedures like Angiography , Angioplasty, medicated stents, routes for stenting , CABG ,Micro vascular techniques, closed cardiac procedures, Heart-lung machine , Microscopic surgery in ophthalmology, ENT,Phaco emulsification in ophthalmology
4	Use of Lasers in ophthalmology, Infertility diagnostics, Artificial Insemination, AID, AIH, IVF, Sperm bank, Surrogate motherhood, Organ Transplant: Kidney, Cornea, Liver, Heart.



5	Medical Tourism: Video conferencing: Concept, material requirements at provider's end, Mediator, User's end, process, advantages, disadvantages Online view and interference of interventional and surgical procedures. Tele Medicine: Concept, prerequisites, material requirements at provider's end, Mediator, User's end, process, advantages, disadvantages Health Insurance and TPA Globalization and its effects on Indian Healthcare Industry and Healthcare all over the Globe.
Text Books: • Surgery by Baily & Love. • Russell, R.C.G. Short practice In Surgery Arnold, London • Gupta, R. L. Text Book of Surgery Jaypee, New Delhi • Gynaecology and Obstetrics in the Health care of a Woman by Seymoul L. Romney, Mary Jane Gray, J. A. Merrill. • Datta, D.C. Textbook of Obstetrics NCBA, Calcutta • Handbook of organ Transplantation by Jayshri A shah, Sujata Patwardhan • Walter & Miller's, Textbook of Radiotherapy, • Josephin Arulmozhi S, Dr. G. Vinayagamoorthi, Healthcare and Medical Tourism	




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MINOR-1 MINBHA-405- LEGISLATION & ETHICS FOR HOSPITALS

Course Objective:

The aim of the course is to enable students to have a better understanding of Legislation for health and hospitals their implementation in organization with special reference to health care units and hospitals.

COURSE CONTENTS

UNIT	Content
1	1.1 Introduction : laws applicable to hospital, functioning of hospital and medico legal responsibility their cases and management 1.2 Provision of commissioning of hospital: registration of company act 2013 incorporation of hospital as company, Indian medical council act 1956.
2	Overview: IT act 2000, e-governance, digital signature certificate, major cyber offenses and penalties.
3	3.1 Laws Governing Medico-legal aspects: List of Offences & Professional Misconduct of Doctors as per Medical Council of India 3.2 Consumer Protection Act-Definition-Consumer Protection Council-Consumer Disputes Redressed Agencies, Other Salient features-Application of Consumer Protection Act in Hospital ,Recent judgment of Supreme Court-Implication for Health Professionals
4	Laws Related to Medical Procedures: 4.1 Medical Termination of Pregnancy Act 1971(MTP Act), 4.2 Prenatal Diagnostic Techniques, Regulations & Prevention of Misuse Act 1994 (PNDT Act), 4.3 Transplantation of Human Organ act 1994
5	Infertility and surrogate motherhood Act Organ transplant Act Bio medical waste management rules
6	Other law: 6.1 Environment protection Act 1986, 6.2 Water (prevention and control of pollution) Act 1974 ,

Text Books:

- C K Parikh, Forensic Medicine and Toxicology
- P.N. Mallick, Industrial Laws (Latest Edition)
- N.D. Kapoor, Industrial Law, S. Chand & Co., Delhi
- Raj Kumar, Acts Applicable to Hospitals in India (The Christian Medical Association of India, New Delhi)

For Reference

- B.K. Chakravorti, Labour of India, Vol. I & II, International Law book centre, Calcutta, 1974.
- Labour Law for Factory Executives.
- Sinha and Sinha—Industrial Relations and Labour Legislation, Oxford, India Book House.
- Bulchandani K.R.—Industrial Law.



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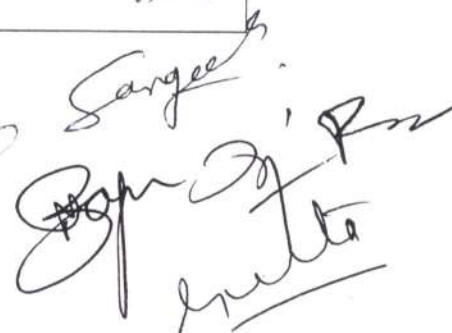
MINOR-2 MINBHA-406 RESEARCH METHODOLOGY

Objective:

- The objectives of the course are to equip the students with the concept and methods of Business Research.
- The students will be able to plan, design and carry out business research using scientific methods and prepare research report(s) / paper(s).

COURSE CONTENTS

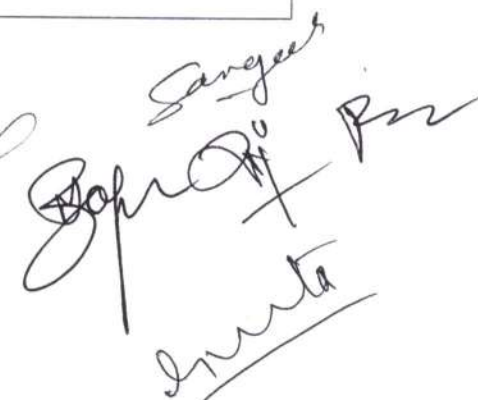
UNIT	Content
UNIT-I Introduction to Research Methods	1.1 Role and objectives of business research 1.2 Types of research 1.3 Research process: Overview 1.4 Ethics and Business Research
Unit-2 Theoretical Framework and Hypothesis Development	2.1 Research problem 2.2 Review of Literature, 2.3 Need for Theoretical Framework 2.4 Hypothesis Development.
Unit 3 Research Design, Sampling Theory and Design of Sample Survey	3.1 Elements of Research Design and Need for research design 3.2 Features of a good research design 3.3 Different research designs and types of research design (exploratory, descriptive, experimental and diagnostic research) 3.4 Census Vs Sample Enumerations 3.5 Objectives and Principles of Sampling 3.6 Types of Sampling, Sampling and Non-Sampling Errors
Unit-4 Measurement and Scaling Concepts	4.1 Measurement in research, 4.2 Measurement scales, 4.3 Sources of errors in measurement, 4.4 Techniques of developing measurement tools, 4.5 Classification and testing (reliability, verification and validity) scales



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	4.6 Designing questionnaires.
Unit-5 Data Collection and Analysis	5.1 Collection, Organization and Presentation 5.2 Analysis: Univariate and bivariate Analysis (Hypothesis testing) 5.3 Multivariate Analysis (Concepts only)
Unit-6 Report Writing	6.1 Meaning of interpretation 6.2 Techniques of Interpretation 6.3 Precautions in interpretation 6.4 Significance of report writing 6.5 Steps in report writing 6.6 Layout of report 6.7 Precautions in writing research reports
Text Books: 1. Bougie and Sekaran, "Research Methods for Business", Wiley 2. William G. Zikmund, "Business Research Methods", Orlando: Dryden Press. 3. C. William Emory and Cooper R. Donald, "Business Research Methods", Boston, Irwin. 4. Fred N Kerlinger, "Foundations of Behavioural Research", New Delhi: Surjeet Publications. 5. David Nachmias and Chava Nachmias, "Research Methods in the Social Sciences", New York: St. Marlia's Press. 6. C. R. Kothari, "Research Methodology: Methods and techniques", New Delhi: VishwaPrakashan.	





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INTBHA - 407 INTERNSHIP/APPRENTICESHIP/~~RESEARCH PROJECT~~

For internship students need to complete ^{field work}~~research project~~ related to major subjects of 4th year, & visit 45 days regularly in hospital and take assessment of patients in all departments & after completing internship take the certificate from a hospital.

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BBA (HOSPITAL ADMINISTRATION) IV YEAR
BACHELOR DEGREE (HONOURS WITH RESEARCH)

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6		Minor -2	MINBHA-406	RESEARCH METHODOLOGY IN HEALTH CARE	4	28
7	RESEARCH PROJECT	Intra/ Intra/ Faculty	MRBHA-407	RESEARCH PROJECT THESIS (Disciplinary /Inter disciplinary under graduate thesis related to major subjects)	12	40

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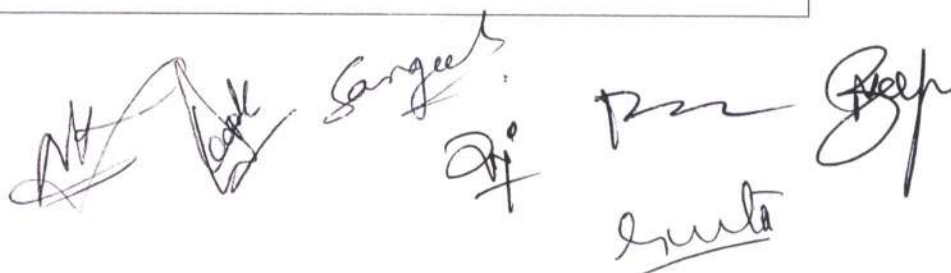
MAJOR-1 MAJBHA-401- ADVANCED HOSPITAL PLANNING

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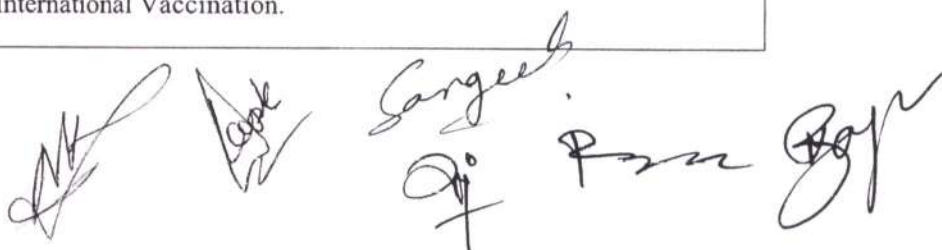
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MAJOR-2 MAJBHA-402- PUBLIC HEALTH ADMINISTRATION

Objective: The objective of the course is to enable students to have a good understanding of Health administration.

COURSE CONTENTS

UNIT	Content
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2	Detailed Study and Discussions • Various committees for recommendations on health care; National Health Programs in details • Reasons for increasing Need and demand for medical care and Need/Demand assessment • Factors determining Availability and Cost of medical care steps/techniques to reduce the cost of medical care.
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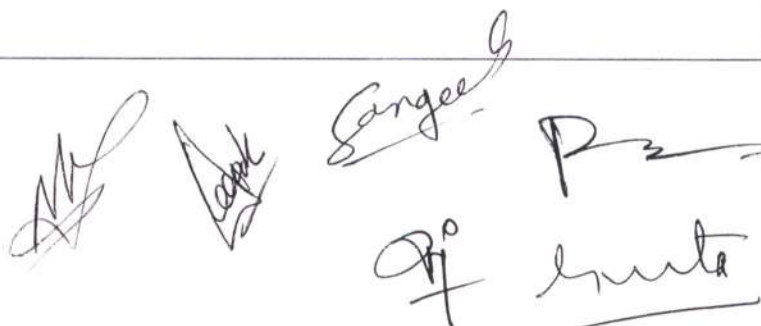
MAJOR-3 MAJBHA-403- QUALITY MANAGEMENT & PATIENT CARE

Course Objective:

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COURSE CONTENTS

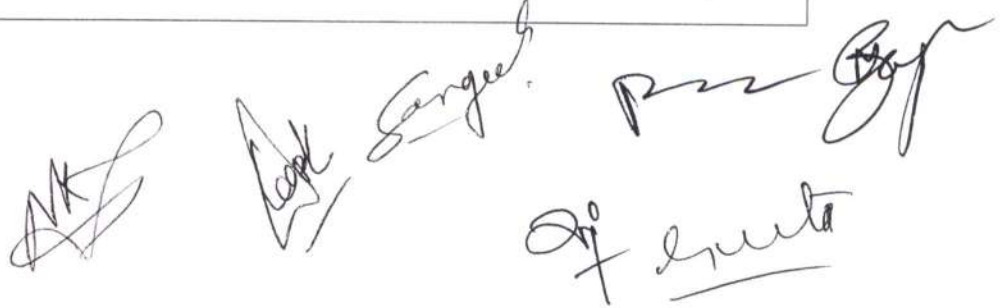
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5 Patient Safety	Principles and Types of Patient Safety; Hospital Acquired Infections, Control and prevention of Nosocomial Infections; Medical Errors and their prevention.



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- Quality Management–P. C. Tripathy
- Hospital Quality Assurance: Risk Management & Program evaluation, Jesus J. Pena

A collection of handwritten signatures and initials in black ink, located below the references box. The signatures are stylized and vary in length and complexity, including what appears to be 'AK', 'Raj', 'Sangeet', 'P. C.', 'J. Pena', and others.

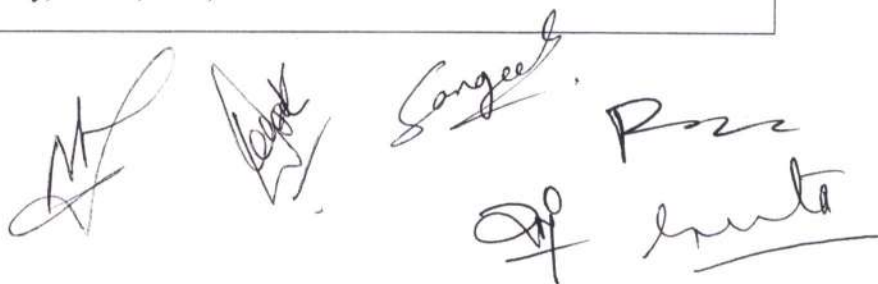
MAJOR-4 MAJBHA-404- CONTEMPORARY ISSUES IN HEALTH CARE

Course Objective:

- The objective of the course is to acquaint the students with changing scenes of health and diseases
- The latest diagnostic and therapeutic approaches and emerging issues at National & International levels.

COURSE CONTENTS

UNIT	Content
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4	Use of Lasers in ophthalmology, Infertility diagnostics, Artificial Insemination, AID, AIH, IVF, Sperm bank, Surrogate motherhood, Organ Transplant: Kidney, Cornea, Liver, Heart.

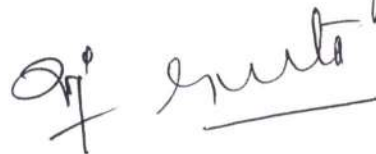


Handwritten signatures of faculty members, including Sangeet, Pm, and others.

5	Medical Tourism: Video conferencing: Concept, material requirements at provider's end, Mediator, User's end, process, advantages, disadvantages Online view and interference of interventional and surgical procedures. Tele Medicine: Concept, prerequisites, material requirements at provider's end, Mediator, User's end, process, advantages, disadvantages Health Insurance and TPA Globalization and its effects on Indian Healthcare Industry and Healthcare all over the Globe.
Text Books: • Surgery by Baily & Love. • Russell, R.C.G. Short practice In Surgery Arnold, London • Gupta, R. L. Text Book of Surgery Jaypee, New Delhi • Gynaecology and Obstetrics in the Health care of a Woman by Seymoul L. Romney, Mary Jane Gray, J. A. Merrill. • Datta, D.C. Textbook of Obstetrics NCBA, Calcutta • Handbook of organ Transplantation by Jayshri A shah, Sujata Patwardhan • Walter & Miller's, Textbook of Radiotherapy, • Josephin Arulmozhi S, Dr. G. Vinayagamoorthis, Healthcare and Medical Tourism	



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MINOR-1 MINBHA-405- LEGISLATION & ETHICS FOR HOSPITALS

Course Objective:

The aim of the course is to enable students to have a better understanding of Legislation for health and hospitals their implementation in organization with special reference to health care units and hospitals.

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- N.D. Kapoor, Industrial Law, S. Chand & Co., Delhi
- Raj Kumar, Acts Applicable to Hospitals in India (The Christian Medical Association of India, New Delhi)

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- B.K. Chakravorti, Labour of India, Vol. I & II, International Law book centre, Calcutta, 1974.
- Labour Law for Factory Executives.
- Sinha and Sinha—Industrial Relations and Labour Legislation, Oxford, India Book House.
- Bulchandani K.R.—Industrial Law.

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MINOR-2 MINBHA-406 RESEARCH METHODOLOGY

Objective:

- The objectives of the course are to equip the students with the concept and methods of Business Research.
- The students will be able to plan, design and carry out business research using scientific methods and prepare research report(s) / paper(s).

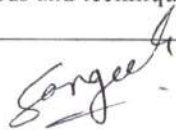
COURSE CONTENTS

UNIT	Content
UNIT-I Introduction to Research Methods	1.1 Role and objectives of business research 1.2 Types of research 1.3 Research process: Overview 1.4 Ethics and Business Research
Unit-2 Theoretical Framework and Hypothesis Development	2.1 Research problem 2.2 Review of Literature, 2.3 Need for Theoretical Framework 2.4 Hypothesis Development.
Unit 3 Research Design, Sampling Theory and Design of Sample Survey	3.1 Elements of Research Design and Need for research design 3.2 Features of a good research design 3.3 Different research design ^o and types of research design(exploratory, descriptive, experimental and diagnostic research 3.4 Census Vs Sample Enumerations 3.5 Objectives and Principles of Sampling 3.6 Types of Sampling, Sampling and Non-Sampling Errors
Unit-4 Measurement and Scaling Concepts	4.1 Measurement in research, 4.2 Measurement scales, 4.3 Sources of errors in measurement, 4.4 Techniques of developing measurement tools, 4.5 Classification and testing (reliability, verification and validity)scales

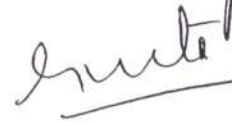
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	4.6 Designing questionnaires.
Unit-5 Data Collection and Analysis	5.1 Collection, Organization and Presentation 5.2 Analysis: Univariate and bivariate Analysis (Hypothesis testing) 5.3 Multivariate Analysis (Concepts only)
Unit-6 Report Writing	6.1 Meaning of interpretation 6.2 Techniques of Interpretation 6.3 Precautions in interpretation 6.4 Significance of report writing 6.5 Steps in report writing 6.6 Layout of report 6.7 Precautions in writing research reports
Text Books: 1. Bougie and Sekaran, "Research Methods for Business", Wiley 2. William G. Zikmund, "Business Research Methods", Orlando: Dryden Press. 3. C. William Emory and Cooper R. Donald, "Business Research Methods", Boston, Irwin. 4. Fred N Kerlinger, "Foundations of Behavioural Research", New Delhi: Surjeet Publications. 5. David Nachmias and Chava Nachmias, "Research Methods in the Social Sciences", New York: St. Marlia's Press. 6. C. R. Kothari, "Research Methodology: Methods and techniques", New Delhi: VishwaPrakashan.	









MRP-MRBHA-407-RESEARCH PROJECT THESIS

(Disciplinary /Interdisciplinary under graduate thesis related to major subjects)

For Major Research Project students have compulsory 45 days internship in Hospital in particular department and based on that Internship students need to prepare a thesis related to major subjects on a particular topic.

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