



अखिल भारतीय आयुर्विज्ञान संस्थान, पटना
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, PATNA
चिकित्सा शिक्षा विभाग / Department of Medical Education

पत्र क्रमांक /Letter No. AIIMS-P/DME/2025/ 44

दिनांक /Date : - 12/09/2025

B.Sc. Paramedical Schedule for 2025 Batch

(15th September 2025 to 30th December 2025)

S. No.	Date	Time	Topic	Department	Faculty
1.	15/09/25	02:00 – 03:00 PM (Theory)	Overview of Foundation course for B. Sc Paramedical students	Medical Education	Dr. Prashant K Singh/ Dr. Ravikirti
2.	16/09/25	02:00 – 04:00 PM (Practical)	Visit to respective departments	Biochemistry, Blood Bank & Physiology	Nodal Officer
3.	22/09/25	02:00 – 03:00 PM (Theory)	Introduction to healthcare delivery system a. Healthcare delivery system in India at primary, secondary and tertiary care b. Community participation in healthcare delivery system c. Health system in developed countries. d. Private Sector e. National Health Mission f. National Health Policy g. Issues in Health Care Delivery System in India	Community & Family Medicine	Dr. Shibajee Debbarma
4.	23/09/25	02:00 – 04:00 PM (Practical)	Visit to PHC – 2 hours	Community & Family Medicine	Dr. Shibajee Debbarma
5.	29/09/25	02:00 – 03:00 PM (Theory)	National Health Programme- Background objectives, action plan, targets, operations, achievements, and constraints in various National Health Programme.	Community & Family Medicine	Dr. Shibajee Debbarma
6.	30/09/25	2:00 – 4:00 PM (Practical)	Visit to CHC	Community & Family Medicine	Dr. Shibajee Debbarma
7.	06/10/25	02:00 – 03:00 PM (Theory)	Introduction to AYUSH system of medicine a. Introduction to Ayurveda. b. Yoga and Naturopathy c. Unani d. Siddha e. Homeopathy f. Need for integration of various system of medicine	AYUSH	Dr Kamlesh Jha

8.	07/10/25	02:00 – 04:00 PM (Practical)	Visit to AYUSH AIIMS, Patna- 2 hours	AYUSH	Dr Kamlesh Jha
9.	13/10/25	02:00 – 03:00 PM (Theory)	Health scenario of India- past, present, and future	Community & Family Medicine	Dr. Shibajee Debbarma
10.	14/10/25	02:00 – 04:00 PM (Practical)	Visit to Village- 2 hours	Community & Family Medicine	Dr. Shibajee Debbarma
11.	21/10/25	2:00 – 4:00 PM (Practical)	Visit to AIIMS- P hospital- 2 hours	Community & Family Medicine	Dr. Shibajee Debbarma
12.	27/10/25	02:00 – 3:00 PM (Theory)	Demography & Vital Statistics a. Demography – its concept b. Vital events of life & its impact on demography c. Significance and recording of vital statistics d. Census & its impact on health policy	Community & Family Medicine	Dr. Shibajee Debbarma
13.	03/11/25	02:00 – 03:00 PM (Theory)	Epidemiology a. Principles of Epidemiology b. Natural History of disease c. Methods of Epidemiological studies d. Epidemiology of communicable & non-communicable diseases, disease transmission, host defence immunizing agents, cold chain, immunization, disease monitoring and surveillance.	Community & Family Medicine	Dr. Shibajee Debbarma
14.	04/11/25	2:00 – 4:00 PM (Practical)	HIS System training- 2 hours (CDAC)	CDAC Team	Dr. Abhyuday Kumar/ Mr. Rahul Kumar
15.	10/11/25	02:00 – 03:00 PM (Theory)	This course introduces the elements of medical terminology. Emphasis is placed on building familiarity with medical words through knowledge of roots, prefixes, and suffixes. Topics include origin, word building, abbreviations and symbols, terminology related to the human anatomy, reading medical orders and reports, and terminology specific to the student's field of study. Spelling is critical and will be counted when grading tests. ²⁵ Topics to be covered under the subject are as follows: 1. Derivation of medical terms. 2. Define word roots, prefixes, and suffixes. 3. Conventions for combined morphemes and the formation of plurals. 4. Basic medical terms. 5. Form medical terms utilizing roots, suffixes, prefixes, and combining roots. 6. Interpret basic medical abbreviations/symbols. 7. Utilize diagnostic, surgical, and procedural terms and abbreviations related to the integumentary system, musculoskeletal system, respiratory system, cardiovascular system, Nervous system, and endocrine system. 8. Interpret medical orders/reports. 9. Data entry and management on electronic health record system.	Medical Record Department	Dr Sujeet Kr Sinha
16.	11/11/25	2:00 – 4:00 PM (Practical)	Visit to MRD AIIMS-P – 2 hours (MRD)	Medical Record Department	Dr Sujeet Kr Sinha

17.	17/11/25	02:00 – 03:00 PM (Theory)	Basic computers and information science The students will be able to appreciate the role of computer technology. The course has focus on computer organization, computer operating system and software, and MS windows, Word processing, Excel data worksheet and PowerPoint presentation. Topics to be covered under the subject are as follows: * Introduction to computer: Introduction, characteristics of computer, block diagram of computer, generations of computer, computer languages. * Input output devices: Input devices (keyboard, point and draw devices, data scanning devices, digitizer, electronic card reader, voice recognition devices, vision-input devices), output devices (monitors, pointers, plotters, screen image projector, voice response systems). * Processor and memory: The Central Processing Unit (CPU), main memory. * Storage Devices: Sequential and direct access devices, magnetic tape, magnetic disk, optical disk, mass storage devices. * Introduction of windows: History, features, desktop, taskbar, icons on the desktop, operation with folder, creating shortcuts, operation with windows (opening, closing, moving, resizing, minimizing, and maximizing, etc.).	IT Cell	Dr. Abhyuday Kumar
18.	18/11/25	02:00 – 04:00 PM (Practical)	Basic computers and information science	IT Cell	Dr. Abhyuday Kumar
19.	24/11/25	02:00 – 03:00 PM (Theory)	Basic computers and information science * Introduction to MS-Word: introduction, components of a word window, creating, opening and inserting files, editing a document file, page setting and formatting the text, saving the document, spell checking, printing the document file, creating and editing of table, mail merge. * Introduction to Excel: introduction, about worksheet, entering information, saving workbooks and formatting, printing the worksheet, creating graphs. * Introduction to power-point: introduction, creating and manipulating presentation, views, formatting and enhancing text, slide with graphs.	IT Cell	Dr. Abhyuday Kumar
20.	25/11/25	02:00 – 04:00 PM (Practical)	Basic computers and information science	IT Cell	Dr. Abhyuday Kumar
21.	01/12/25	02:00 – 03:00 PM (Theory)	* Introduction of Operating System: introduction, operating system concepts, types of operating system. * Computer networks: introduction, types of networks (LAN, MAN, WAN, Internet, Intranet), network topologies (star, ring, bus, mesh, tree, hybrid), components of network. * Internet and its Applications: definition, brief history, basic services (E-Mail, File Transfer Protocol, telnet, the World Wide Web (WWW)), www browsers, use of the internet. * Application of Computers in clinical settings.	IT Cell	Dr. Abhyuday Kumar
22.	02/12/25	2:00 – 4:00 PM (Practical)	Basic computers and information science	IT Cell	Dr. Abhyuday Kumar

23.	08/12/25	02:00 – 03:00 PM (Theory)	Medical law and ethics Legal and ethical considerations are firmly believed to be an integral part of medical practice in planning patient care. Advances in medical sciences, growing sophistication of the modern society's legal framework, increasing awareness of human rights and changing moral principles of the community at large, now result in frequent occurrences of healthcare professionals being caught in dilemmas over aspects arising from daily practice. ²⁶ Medical ethics has developed into a well based discipline which acts as a "bridge" between theoretical bioethics and the bedside. The goal is "to improve the quality of patient care by identifying, analysing, and attempting to resolve the ethical problems that arise in practice". ²⁶ Doctors are bound by, not just moral obligations, but also by laws and official regulations that form the legal framework to regulate medical practice. Hence, it is now a universal consensus that legal and ethical considerations are inherent and inseparable parts of good medical practice across the whole spectrum. Few of the important and relevant topics that need to focus on are as follows: * Medical ethics - Definition - Goal - Scope * Introduction to Code of conduct * Basic principles of medical ethics – Confidentiality * Malpractice and negligence - Rational and irrational drug therapy	Forensic Medicine & Toxicology	Dr. Amit Patil
24.	09/11/25	02:00 – 04:00 PM (Practical)	Basic computers and information science	IT Cell	Dr. Abhyuday Kumar
25.	15/12/25	02:00 – 03:00 PM (Theory)	Medical law and ethics * Autonomy and informed consent - Right of patients * Care of the terminally ill- Euthanasia * Organ transplantation * Medico legal aspects of medical records – Medico legal case and type-Records and document related to MLC - ownership of medical records - Confidentiality Privilege communication - Release of medical information - Unauthorized disclosure - retention of medical records - other various aspects. * Professional Indemnity insurance policy * Development of standardized protocol to avoid near miss or sentinel events * Obtaining an informed consent.	Forensic Medicine & Toxicology	Dr. Amit Patil
26.	16/12/25	02:00 – 04:00 PM (Practical)	Basic computers and information science	IT Cell	Dr. Abhyuday Kumar

27.	22/12/25	02:00 – 3:00 PM (Theory)	Communication and soft skills Major topics to be covered under Communication course – * Basic Language Skills: Grammar and Usage. * Business Communication Skills. With focus on speaking - Conversations, discussions, dialogues, short presentations, pronunciation. * Teaching the different methods of writing like letters, E-mails, report, case study, collecting the patient data etc. Basic compositions, journals, with a focus on paragraph form and organization.	Medical Education	Dr. Ravikirti/ Dr Shruti Singh
28.	23/12/25	2:00 – 4:00 PM (Practical)	Communication and soft skills	Medical Education	Dr. Ravikirti/ Dr Shruti Singh
29.	29/12/25	02:00 – 03:00 PM (Theory)	Communication and soft skills * Basic concepts & principles of good communication * Special characteristics of health communication * Types & process of communication * Barriers of communication & how to overcome	Medical Education	Dr. Ravikirti/ Dr Shruti Singh
30.	30/12/25	2:00 – 4:00 PM (Practical)	Communication and soft skills	Medical Education	Dr. Ravikirti/ Dr Shruti Singh

- Venue for theory classes is conference hall of dept. of Medical Education.
- Venue for practical classes will be decided by respective resource faculty member
- Attendance should be submitted to Department of Medical Education (Mr. Piyush- 7759924451)

for
Head

Dept. of Medical Education

Copy to:

- Dean (Academics)
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