**Subject Gateways / Portals**

Learners and researchers have a potentially vast range of resources available to them through the Internet and associated technologies. But, as the Internet increases in size and complexity, so do the associated usability and navigational issues. A range of strategies has been used to manage online information and provide different searching protocols, navigational aids and maps. Nonetheless, information overload persists. This information overload problem is well recognized and a number of structured resources and environments attempt to address it, such as search engines, information gateways and portals, digital libraries and virtual learning environments.

A subject gateway or portal is a website that provides centralized access to online resources focused around a specific subject. The objective of designing a subject gateway is to help people to find out different resources available on the Internet pertaining to the subject. The subject gateways are characterized by two key factors. 1. They are selective, pointing only to the Internet resources that meet with the quality selection criteria. 2. They are built by subject and information specialists. Resources included in gateways cover a wide spectrum, from electronic journals and books to academic and government reports, as well as related web sites. Subject gateways are doing for Internet information resources what library and information professionals are doing for books. They ensure and support systematic discovery of high quality information pertaining to a subject field. Using a subject gateway instead of a general search engine can result in the return of more genuine and relevant web pages.

The examples for subject gateways in the field of health sciences include National Health Portal of Govt. of India, MedlinePlus, Medscape and Health On the Net .

**National Health Portal (**[**https://www.nhp.gov.in/**](https://www.nhp.gov.in/))

The National Health Portalwas setup to provide authentic healthcare information to the Indian citizens. The portal serves as a single-point of access for consolidated health information. It is functioning under the Centre of Health Information, National Institute of Health and Family Welfare, Ministry of Health and Family Welfare, Govt. of India.The objectives of the portal are to improve the health literacy of the people, enhance access to health services and decrease the burden of disease through awareness.The major services available on the portal include the following**:**

1. **Disease / Conditions:** A-Z: This is an alphabetically arranged directory of various diseases and conditions.Each entry for a particular disease / conditionhas been elaborated under five headings: Introduction, Symptoms, Causes, Diagnosis and Management.
2. **Online Registration System (ORS)**: This is a facility for taking online OPD appointment in the Government Hospitals in the country. It will avoid long queues at the hospital for seeking OPD appointment /registration.
3. **mCessation Programme**: This is programme for utilizing mobile technology for tobacco cessation initiated by the Ministry of Health & Family Welfare, in partnership with World Health Organization and the International Telecommunications Union. It aims to reach out to tobacco users of all categories who want to quit tobacco use and support them towards successful quitting through constant text messaging on mobile phones.
4. **NHP Voice Web**: A Voice portal for providing health related information has been created to address queries related to various issues related to health, diseases, lifestyle, first-aid, directory services, health programs, policies, laws and guidelines. Users would need to dial a toll free number (1800-180-1104) and speak about the information that they are seeking – e.g, name of the disease. This advanced system is capable of recognizing user voice input and currently the information is available in 5 languages namely English, Hindi, Tamil, Bangla and Gujarati but in future more Indian languages would be covered.
5. **Pradhan Mantri Surakshit Matritva Abhiyan:** The programme has been launched by the Ministry of Health & Family Welfare (MoHFW), Government of India. The program aims to provide assured, comprehensive and quality antenatal care, free of cost, universally to all pregnant women on the 9th of every month.
6. **My Hospital (मेरा अस्पताल)**: This is an initiative to capture patient feedback for the services received at the hospital through user-friendly multiple channels such as SMS, Outbound Dialling, mobile application and web portal. The patient can submit the feedback in different languages on mobile app and web portal; for the hospitals visited in last 7 days. The patient can also check the already submitted feedback. The collected feedback will be compiled, analysed and visualized in the form of a dashboard accessible to the different stakeholders at facility, district, state and national level. My Hospital will help the government to take appropriate decisions for enhancing the quality of healthcare delivery across public facilities which will improve the patient’s experience. The patient will be able to receive an effective and appropriate care. My Hospital will ultimately help establish patient driven, responsive and accountable healthcare system

## eRaktKosh: e-Rakt Kosh is a centralized blood bank management system and is an initiative to connect, digitize and streamline the workflow of blood banks across the nation, you can get nearby camps, bloodbanks, blood stock availability and search for the same across India.

1. **MyHealthRecord**: This is a Personal Health Record Management System for citizens of India that facilitates a secure online summary of personal health information. Individuals can control what goes into it, and who is allowed to access it. They can choose to share their health information with doctors, hospitals and other healthcare providers.
2. **HealthCalendar:** This facility provides important national and international commemorative days on health and medicine.
3. **IEC Materials**: The health portal facilitates access to a number of Information, Education and Communication (IEC) resources on various health and medical conditions in the form of audio and video materials for the citizen.
4. **Family Planning**: The Family Planning section of the portal provides information on eligible couples with information and guidance on family planning methods and services available, to ensure individuals and couples lead a healthy, happy and prosperous life.
5. **mDiabetes**: mDiabetes is a facility to improve awareness about diabetes and promote healthy diets and active lifestyle, which are vital to the prevention of diabetes. mDiabetes will also enhance health care seeking and early diagnosis, contribute to better adherence to drug or dietary control, self-care, as well as prevention of complications among patients with diabetes.
6. TeleMedicine: The portal facilitates access to the Telemedicine services of the School of Telemedicine & Biomedical Informatics, Sanjay Gandhi Postgraduate Institute of Medical Sciences is a medical Institute under State Legislature Act, located in Lucknow, Uttar Pradesh.

The portal also facilitates downloading of various health-related mobile apps such as  App that provides information related to Hospital and Blood bank across India, India Fights Dengue App, Swasth Bharat App, Stress Management App and Mera Aspataal (My Hospital) App.