

THE H.N.S.B.LTD. SCIENCE COLLEGE, HIMATNAGAR

“LMS/ Academic management system”

- **N-List**

The Project entitled “National Library and Information Services Infrastructure for Scholarly Content (N-LIST)”, is being jointly executed by the e-Shodh Sindhu Consortium, INFLIBNET Centre and the INDEST-AICTE Consortium, IIT Delhi provides i) cross-subscription to e-resources subscribed by the two Consortia, i.e. subscription to INDEST-AICTE resources for universities and e-Shodh Sindhu resources for technical institutions; and ii) access to selected e-resources to colleges. The N-LIST project provides access to e-resources to students, researchers and faculty from colleges and other beneficiary institutions through server which is installed at the INFLIBNET Centre. The authorized users from colleges can now access e-resources and download articles required by them directly from the publisher’s website once they are duly registered as authorized users through servers deployed at the INFLIBNET Centre.

- **E-Study Materials**

Most of the college teachers cater the study materials to the students through blogs allotted to each department in college website. Every teacher is given individual space to upload his/her study materials inclusive of notes, materials for extra reading, Question papers of the past years, videos related to syllabus etc.

- **e-library (CDs)**

The college has a rich e-library with a storage of more than 900 video files and 312 number of CDs. The files are available for students in the computers in the library. They are free to use them in the library or take away the required copies of the same.

- **Shodhganga**

The Shodhganga@INFLIBNET is set-up using an open source digital repository software called D Space developed by MIT (Massachusetts Institute of Technology) in partnership between Hewlett- Packard (HP). The D Space uses internationally recognized protocols and interoperability standards. Shodhganga provides a platform for research scholars to deposit their Ph.D. theses and make it available to the entire scholarly community in open access. The repository has the ability to capture, index, store, disseminate and preserve ETDs (Electronic Theses and Dissertations) submitted by the researchers.

- **National Digital Library (NDL)**

Ministry of Human Resource Development (MHRD) under its National Mission on Education through Information and Communication Technology (NMEICT) has initiated the National Digital Library of India (NDL India) pilot project to develop a framework of virtual repository of learning resources with a single-window search facility. Filtered and federated searching is

employed to facilitate focused searching so that learners can find out the right resource with least effort and in minimum time. NDL India is designed to hold content of any language and provides interface support for leading Indian languages. It is being arranged to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular form of access devices and differently-abled learners. It is being developed to help students to prepare for entrance and competitive examination, to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources. The pilot project is devising a framework that is being scaled up with respect to content volume and diversity to serve all levels and disciplines of learners. It is being developed at Indian Institute of Technology Kharagpur.

- **Swayam**

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

This is done through an indigenous developed IT platform that facilitates hosting of all the courses, taught in classrooms from 9th class till post-graduation to be accessed by anyone, anywhere at any time. All the courses are interactive, prepared by the best teachers in the country and are available, free of cost to the residents in India. More than 1,000 specially chosen faculty and teachers from across the Country have participated in preparing these courses.

The courses hosted on SWAYAM are in 4 quadrants – (1) video lecture, (2) specially prepared reading material that can be downloaded/printed (3) self-assessment tests through tests and quizzes and (4) an online discussion forum for clearing the doubts. Steps have been taken to enrich the learning experience by using audio-video and multi-media and state of the art pedagogy / technology. In order to ensure best quality content are produced and delivered, nine National Coordinators have been appointed: They are AICTE for self-paced and international courses, NPTEL for engineering, UGC for non technical post-graduation education, CEC for under-graduate education, NCERT & NIOS for school education, IGNOU for out of the school students, IIMB for management studies and NITTTR for Teacher Training programme.

- **Jain E – Library**

The Jain e Library website is an online collection of Jain scriptures, Jain manuscripts, Jain dictionary, Jain encyclopedia, Jain articles, Jain magazines, and ancient and contemporary Jain books in English, Hindi, Gujarati, and other languages. It contains Shvetambar a gams, Digambar Shastras, Four Anuyogas, Commentary literature, Prakrit and Sanskrit literature, and ancient and modern literature representing all aspects of Jainism. It also includes the literature of various Jain sects. Catalogues of Jain manuscripts of various Jain libraries add to the diversity of this collection.

- **Old Question Papers**

College guides the students towards an access to old papers of examinations. Some of the teachers also provide papers on their blog in the website. This papers can be useful to the students to prepare themselves for the upcoming exams.

- Other information

In Physics department, they have their own website <https://physicshmt.wordpress.com> each and every small information regarding Physics department is available there.