

Learning Management System: ATutor for Academic Institutions

INFLIBNET

Newsletter



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**Learning Management System:
ATutor for Academic Institutions**

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N-LIST (E-resources for College)

<http://nlist.inflibnet.ac.in>

INFLIBNET Blog

<http://www.inflibnet.ac.in/blog>

INFLIBNET Forum

<http://www.inflibnet.ac.in/forum>

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INFLIBNET Chat

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Dr Jagdish Arora
Director



From the Director's Desk

We are living in an era dominated by new information technology, particularly Web 2.0 technologies. A number of platforms now exist that facilitate interaction, participation and collaboration in the process of content development, innovation, knowledge sharing, teaching and learning using Web 2.0 technology. Growth of Internet and its wide and rapid spread across the globe with faster broad band connectivity has transformed the information landscape taking content from one end of the globe to another. The rise of tablets and smartphones are yet another indicator towards bigger shift in the world of information technology and its newer applications. The advent of these innovative and disruptive technologies have made an extra-ordinary impact on all aspects of education including teaching and learning, institutional management, administration, finance, library services, research and development, information dissemination and discovery, delivery and even the student living.

The library and information science professionals have a major responsibility as well as a greater role to play in the process of knowledge creation, organisation, storage, discovery, delivery and making its each access possible using Web 2.0 technologies. The LIS professionals can be instrumental in harnessing the combined intellect of teachers and learners as creators of knowledge through open access repositories, open access journals, interactive knowledge creation platforms, etc.

With the background mentioned above, the 9th International CALIBER is being organised on “**Library Vision 2020: Moving towards the Future**” at the new building of the INFLIBNET Centre from 21st to 23rd March, 2013. The invited experts, delegates and participants would attempt to peep into the future, discuss and deliberate on tools and techniques to handle information overload and its filtering, plan strategic approaches and finally draw a blueprint for moving into future. The discussions and deliberations would be held on all futuristic aspects of library and information services and technology in e-environment, open access, open source and e-learning and applicable technologies. The main theme of the Convention would further be divided into three sub-themes namely: i) Migration towards future; ii) Collaborative library services; and iii) Open access and open content. It would be a great opportunity for all LIS and computer science professionals to come together, deliberate and discuss on the vision for libraries in 2020.

I take this opportunity to invite you all to the 9th International CALIBER 2013 and join us at our new Institutional Building. We are extremely happy to inform that the CALIBER 2013 would be inaugurated by Prof. Yash Pal, former Chairman, UGC and Chairman, Governing Board, INFLIBNET Centre during the formative years of the Centre. The creation of INFLIBNET Centre was not only propounded by Prof. Yash Pal but he was also instrumental in giving it a shape, body and soul.

This quarter of the year kept us all busy in preparing ourselves for moving into our new building. Our staff and scientists worked overnight to take decisions on furniture and fixtures to be bought for the new building. Decisions were taken on equipment required for networking, surveillance, telephony, audio and visual equipment for auditorium, lecture halls, conference rooms, workshops, meeting rooms, and laboratories, etc. Tender documents were prepared, floated and decisions were taken to award contract for furniture & fixtures as well as for networking, surveillance, video conferencing, PA system, etc. during the quarter under report.

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“Pooja” was organised at the construction site on 7th December, 2012 at Infocity, Gandhinagar as a step for moving into our new premises in the forth coming year. Padmashri B V Doshi, Founder Architect, Vastu Shilpa Consultants, graced the occasion and planted a sapling on the new campus. Shri Sonke Hoof, Shri B N Panchal and Scientists and Staff of the Centre also planted saplings on this auspicious occasion.

The Shodhganga digital repository, launched in January 2010, now stands on a very strong footing. While number of theses submitted into Shodhganga increased to more than 5,000, universities who have signed MoU with INFLIBNET Centre grew to 100. 26 universities signed MoU with INFLIBNET Centre on Shodhganga during the period under report. Gujarat Vidyapith became the 100th University to sign MoU with INFLIBNET Centre on 1st Jan., 2013. This occasion was celebrated by all staff and scientists of the Centre with representatives from Gujarat Vidyapith. It is my proud privilege to inform that Shodhganga is now a regular scheme of the UGC. Eligible universities are welcome to join this scheme anytime and avail financial assistance available under this scheme. So far, the UGC, on recommendation of the INFLIBNET Centre, has allocated funds to 37 universities. A meeting of representatives of these universities was convened on 30th Nov., 2012 to discuss the utilisation of grant sanctioned to universities under this project. The members were briefed about the process and protocols involved in digitization of Ph.D theses as well as for setting-up ETD labs and the care that they should take while utilising the funds provided for this purpose. The participants were also informed that the INFLIBNET Centre would take steps to provide access to anti-plagiarism package to eligible universities once the funds are allocated for this purpose.

Shodhgangotri that compliments Shodhganga is also growing rapidly. Total number of synopsis submitted to Shodhgangotri grew to 839 as on 31st Dec., 2012. All universities that are signatories to Shodhganga are now required to submit approved synopsis / proposals for doctoral dissertations into Shodhgangotri.

The INFLIBNET Centre, Ahmedabad organized five-day 105th Training Programme on SOUL 2.0 Installation and Operations for its Users from across the country from 15th to 19th October 2012 at INFLIBNET Centre, Ahmedabad. Four User Awareness Programme on E-resources subscribed under N-LIST/UGC-Infonet Digital Library Consortium and NLIST were organised at Nya. Tatasahab Athalye Arts College, Ratnagiri Directorate of Higher Education, Tripura, University of Allahabad, Allahabad and GITAM University, Visakhapatnam.

A Meeting of the Project Review and Supervisory Group (PRSG) was held on 11th & 12th October, 2012 at INFLIBNET Centre for the N-LIST project that provides access to more than 4,000 journals and 80,000 books to 25,00 colleges. Detailed presentations on the progress made in the project and future plans were discussed and deliberated during the meeting of the PRSG. The members of the PRSG were satisfied with the progress made and future projections for NLIST programme. I am pleased to inform that JSTOR that provides access to more than 2,000 journals has now been included under the N-LIST programme. We are indeed grateful to JSTOR for providing access to its unparalleled database of full-text journals to the entire college community in India at a highly discounted price.

14 National Workshops on Content Creation for subject experts in different subjects were organised under the e-PG Pathshala initiative that is being coordinated by the INFLIBNET Centre. These workshops were essentially organised to orient content writers, paper coordinators and content reviewers about the aims and objectives of this initiative and to finalise the syllabus in each subject. During the workshop, representative from INFLIBNET Centre made presentations about input and output templates and various standards to be followed for uniformity of course content including responsibilities of INFLIBNET Centre and activities involved in production of course content like content writing, multimedia enrichment, hosting on the server, document management, etc.

We look forward to moving into our new building in January 2013 and to welcome guests and participants in the Auditorium of the new building during the 9th International CALIBER-2013.

(Jagdish Arora)

Training Programme on SOUL 2.0 at the INFLIBNET Centre

105th SOUL 2.0 Training Programme on Software Installation & Operations, INFLIBNET Centre, Ahmedabad, 15th-19th October, 2012

The INFLIBNET Centre, Ahmedabad organized five-day 105th Training Programme on SOUL 2.0 Installation and Operations for its users from across the country from 15th to 19th October 2012 at INFLIBNET Centre, Ahmedabad, Gujarat. The programme was inaugurated by Dr Jagdish Arora, Director, INFLIBNET Centre, Ahmedabad. While theoretical lectures were delivered in the morning sessions, afternoon sessions were dedicated to the “hands-on” practical sessions on different modules of the SOUL 2.0 software. 21 library science and computer science professionals from across the country participated in the programme. Shri H G Hosamani, Scientist C (LS), INFLIBNET Centre co-ordinated the training programme.



Participants of 105th Training Programme on SOUL 2.0 with the Director and Technical Staff of the INFLIBNET Centre



SOUL 2.0

**STATE-OF-THE-ART INTEGRATED
LIBRARY MANAGEMENT SOFTWARE**

<http://www.inflibnet.ac.in/soul>

User Awareness Programmes on N-LIST and UGC INFONET Digital Library Consortium

User Awareness Programme on E-resources subscribed under N-LIST, Nya. Tatasahab Athalye Arts College, Ved. S. R. Sapre Commerce College and Vid. D. Pitre Science College, Deorukh, Ratnagiri, 1st October 2012



Smt. Nalini Raja, SOUL Coordinator, INFLIBNET Centre along with participants of the User Awareness Programme on E-resources subscribed under N-LIST Programme

One-day User Awareness programme on E-Resources subscribed under the N-LIST programme was organized by Nya. Tatasahab Athalye Arts College, Ved. S. R. Sapre Commerce College and Vid. D. Pitre Science College, Deorukh, Ratnagiri in collaboration with INFLIBNET Centre, Ahmedabad on 1st October, 2012 at the DSPM's Athalye, Sapre & Pitre College. Dr. Narendra P. Tendolkar, Principal inaugurated the programme and appealed to every faculty to develop their intellectual caliber and make research an integral part of their routine. He opined that UGC-INFLIBNET has facilitated research with a wide spectrum of e-resources to all universities as well as to colleges. Mrs. Nalini Raja, SOUL Coordinator and resource person from the INFLIBNET Centre gave a snapshot of the advantages of e-resource through consortia and return on investment in terms of increase in no. of publications. She also highlighted the objectives and

importance of the UGC-INFONET Digital Library Consortium, SOUL, Shodhganga and N-LIST.

44 participants attended the programme. Participants and faculty members were given ample opportunity to interact and communicate with the experts during all the sessions. Participants and research scholars expressed their views about the programme. They found it very impressive and useful. Participants demanded more such programmes in future. Dr. Madansing D. Golwal, Librarian, coordinator of the programme, concluded the session and extended a vote of thanks to all participants and guests.



User Awareness Programme on E-resources subscribed under N-LIST, Directorate of Higher Education, Tripura, Agartala, 5th October, 2012

One-day User Awareness Programme on E-Resources subscribed under the N-LIST programme was organized by Directorate of Higher Education Tripura, Agartala in collaboration with INFLIBNET Centre, Ahmedabad on 5th October 2012 at the conference hall of Birchandra Central State Public Library. At the onset, the Director, Higher Education



Shri Ashok Kumar Rai, Scientist D (CS), INFLIBNET Centre along with participants of the User Awareness Programme on E-resources Subscribed under N-LIST Programme

Department, Tripura and the Secretary, Higher Education Department, Tripura briefed the need for such facility for the teachers and the students of the colleges and requested all concerned to avail this facility in the colleges of entire state of Tripura. He emphasized that access to e-resources would be very helpful for dissemination of knowledge among the stake holders with the help of NLIST. Shri Ashok Kumar Rai, Scientist D (CS), resource person from the INFLIBNET Centre, briefed about the facilities available under N-LIST and gave a detailed presentation of e-books and e-journals collections available under the N-LIST to colleges. 26 participants attended the programme. Faculty and user interacted with the resource persons on various issues. Faculty from the colleges submitted their Registration Form to Shri Ashok Rai and requested him to register their individual colleges under the NLIST programme.



Shri Ashok Kumar Rai , Scientist D (CS), INFLIBNET Centre, Prof. Hari Dutt Sharma, Prof.-In-Charge, Prof. N.R. Farooqi, Dean of Research and Development, Prof. L.R. Singh, Dean of College Development and Dr. B. K. Singh, Deputy Librarian, University of Allahabad, Allahabad on the dias during the Awareness Programme on E-resources Subscribed under the N-LIST programme

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User Awareness Programme on E-resources subscribed under N-LIST, University of Allahabad, Allahabad, 9th November 2012

One-day User Awareness programme on E-Resources subscribed under the N-LIST Programme was organized by Central Library of the University of Allahabad, Allahabad in collaboration with INFLIBNET Centre on 9th November, 2012 at the Seminar Hall of the University Guest House, University of Allahabad. Prof. Hari Dutt Sharma, Professor-In-Charge of the Central Library welcomed the guests and participants. Prof. N. R. Farooqi, Dean of Research and Development, inaugurated the programme. He emphasized on the need of holding such awareness programme to promote optimal use of e-resources. Prof. L. R. Singh, Dean of College Development, suggested that all college Libraries should get benefit of access to e-resources available under N-LIST programme. Shri Ashok Kumar Rai, Scientist D (CS), resource person from INFLIBNET

Centre, made a presentation on INFLIBNET activities, services and functions. He made a detailed presentation on N-LIST programme including available e-resources, process of joining the programme, infrastructure required, method of access, etc. Dr. B. K. Singh, Deputy Librarian, University of Allahabad, coordinated the programme and delivered vote of thanks. More than 70 participants consisting of principals, librarians, and faculty members of the constituent colleges of the University of Allahabad as well as other colleges situated in and around Allahabad attended the programme.

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User Awareness Programme on E-resources subscribed under UGC INFONET Digital Library Consortium, GITAM University, Visakhapatnam, 7th December 2012

One-day User Awareness programme on E-Resources subscribed under the UGC-INFONET Digital Library Consortium was organized by GITAM University in collaboration with INFLIBNET Centre, Ahmedabad on 8th December 2012 at GITAM University, Visakhapatnam. Prof. G. Subrahmanyam, Vice-



Dr. Jagdish Arora, INFLIBNET Centre felicitated by Prof. G. Subrahmanyam, Vice-Chancellor, along with Prof. D. Harinarayana, Pro Vice-Chancellor, Prof. M. Potha Raju, Registrar and Dr. G. Naga Ratna Mani, University Librarian, GITAM University Visakhapatnam during the Programme

Chancellor of GITAM University, Prof. D. Harinarayana, Pro Vice-Chancellor, Prof. M. Potha Raju, Registrar, Dr. G. Naga Ratna Mani, University Librarian, coordinated the programme. Dr. G. Naga Ratna Mani, University Librarian welcomed the participants and guests. In her welcome address, she briefly presented about INFLIBNET Centre, UGC Infonet and e-resources accessible through UGC Infonet to the GITAM University. She stressed upon the need to provide additional e-resources to GITAM University and elaborated on the purpose and objectives of the User awareness programme. Dr. Jagdish Arora, Director, INFLIBNET Centre, Ahmedabad lighted the traditional lamp during the inaugural function along with Prof. G. Subrahmanyam, Vice-Chancellor, Prof. D. Harinarayana, Pro Vice-Chancellor, Prof. M. Potha Raju, Registrar and Dr. G. Naga Ratna Mani, University Librarian, GITAM University. Dr. Arora explained current status of UGC Infonet Digital Library Consortium and new programmes taken by the INFLIBNET Centre for the universities. He voluntarily accepted to include GITAM University under Shibboleth programme and advised the

university to sign MOU for Shodhganga programme. He assured to provide access of Science Direct and additional number of e-resources from the next plan period. Prof. G. Subrahmanyam, Vice-Chancellor of GITAM University appreciated the efforts of the INFLIBNET Centre, Ahmedabad and importance of user awareness programme. He stressed upon the need for providing access to ScienceDirect to GITAM University.

The representatives of the publishers including Institute of Physics, Royal Society of Chemistry, Cambridge University Press, Wiley-Blackwell, Informatics (for JCCC and Annual Reviews), Taylor and Francis attended the programme and made presentations on their resources. Smt. P. Sita Devi, Assistant Librarian of Knowledge Resource Centre proposed a warm vote of thanks to all concerned. 38 participants attended the programme. The participants found the programme very informative and useful. Dr. G. Nagar Ratna Mani, University Librarian, Gitam University coordinated the programme on behalf of GITAM University.

MoU signed with Universities for Shodhganga and User Awareness Programme on Shodhganga

Shodhganga, a repository of Indian Electronic Theses and Dissertations, developed and managed by the INFLIBNET Centre has grown both in terms of number of theses deposited in the repositories as well as number of universities who have signed MoU with the INFLIBNET Centre. As on 31st December 2012, 99 universities have signed MoU with the INFLIBNET Centre and number of theses in the repository has grown to more than 5,000. 26 universities, who signed MoU with the INFLIBNET Centre during the period under report, are as follows:

Sr.	Name of the University/ Institution	State	Date of signing MoU
1	Jiwaji University, Gwalior	Madhya Pradesh	3rd October 2012
2	Sant Gadge Baba Amravati University, Amravati	Maharashtra	9th October 2012
3	Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha	Maharashtra	9th October 2012
4	Aligarh Muslim University, Aligarh	Uttar Pradesh	9th October 2012
5	CSK Himachal Pradesh Agricultural University, Palampur	Himachal Pradesh	10th October 2012
6	Karnataka Sanskrit University, Chamarajpet	Karnataka	10th October 2012
7	Karnataka State Women's University, Bijapur	Karnataka	10th October 2012
8	Vels University, Chennai*	Tamil Nadu	10th October 2012
9	Jawaharlal Nehru Technological University, Kakinada	Andhra Pradesh	16th October 2012
10	Shiv Nadar University, Gautam Budh Nagar*	Uttar Pradesh	19th October 2012
11	Acharya Nagarjuna University, Guntur	Andhra Pradesh	19th October 2012
12	Chennai Mathematical Institute, Siruseri*	Tamil Nadu	19th October 2012
13	Jamia Hamdard University, Hamdard Nagar*	New Delhi	25th October 2012
14	Mewar University, Chittorgarh*	Rajasthan	25th October 2012
15	Ahmedabad University, Ahmedabad*	Gujarat	26th October 2012
16	Jain University, Bangalore*	Karnataka	1st November 2012
17	JK Lakshmipat University, Jaipur*	Rajasthan	5th November 2012
18	Sree Sankaracharya University of Sanskrit, Kalady	Kerala	16th November 2012
19	TERI University, New Delhi*	New Delhi	20th November 2012
20	Madurai Kamaraj University, Madurai	Tamil Nadu	22nd November 2012
21	The University of Burdwan, Bardhaman	West Bengal	23rd November 2012
22	Jayoti Vidyapeeth Women's University, Jaipur*	Rajasthan	6th December 2012
23	Graphic Era University, Dehradun*	Uttarakhand	18th December 2012
24	Jaypee University of Engineering & Technology, Guna*	Madhya Pradesh	19th December 2012
25	Mangalayatan University, Aligarh*	Uttar Pradesh	19th December 2012
26	Sardar Patel University, Vallabh Vidyanagar	Gujarat	27th December 2012

* Not covered under Section 12 (B) of UGC Act.

100th University to Sign MoU on Shodhganga with INFLIBNET Centre on 1st Jan 2013

Gujarat Vidhyapith became the 100th University to sign MoU on Shodhganga with INFLIBNET Centre. An official function was arranged to sign the MoU at Gujarat Vidhyapith where Prof. Sudarshan Iyengar, Vice Chancellor, Gujarat Vidhyapith and Dr. Jagdish Arora, Director, INFLIBNET Centre signed the MoU in presence of registrar and the senior faculty members of the University. INFLIBNET Centre also celebrated the uploading of 5,000th thesis in Shodhganga on the same day.

Signing of MoU on Shodhganga and User Awareness Programme at S P University, Vallabh Vidyanagar, 27th December 2012

Sardar Patel University signed MoU on Shodhganga with INFLIBNET Centre on 27th December 2012. The MoU was signed by Dr. Harish Padh, Hon'ble Vice-Chancellor, Sardar Patel University and Dr. Jagdish Arora, Director, INFLIBNET Centre on behalf of their respective institutions. Shri Manoj Kumar, Scientist D (CS), INFLIBNET Centre gave a detailed account of Shodhganga Project and step-by-step procedure to upload theses by research scholars themselves into the repository during the user awareness programme.

One-day User Awareness Programme on Shodhganga, was organized by Sardar Patel University, Vallabh Vidyanagar in collaboration with INFLIBNET Centre on 27th December 2012 at Bhaikaka Library. Dr. Shishir Mandalia, University Librarian (I/C) welcomed the guests and participants. Dr. Harish Padh, Hon'ble Vice-Chancellor, Sardar Patel University presided over the function and Dr. Jagdish Arora, Director, INFLIBNET Centre was the Chief Guest. Dr. Arora presented usage statistics of Sardar Patel University and also presented bibliometric study of research articles published by research scholars and faculty members. He also highlighted the impact of using the journals under UGC



Dr. Shishir Mandalia, University Librarian (I/C), Sardar Patel University, Dr. Jagdish Arora, Director, INFLIBNET Centre, Dr. Harish Padh, Hon'ble Vice-Chancellor, Sardar Patel University and Shri Manoj Kumar K, Scientist D (CS), INFLIBNET Centre on the Dais during the Signing of MoU

INFONET Digital Library Consortium by the University. Dr. Padh gave presidential address, in his speech, he complemented INFLIBNET Centre for making such a detailed study on the University. He also informed that hard copy received from INFLIBNET Centre is being circulated to the research supervisors for their comments. He highlighted the fact that some of the seminal work published in regional languages has not appeared in analysis which will be forwarded to INFLIBNET Centre soon for further consideration. He assured timely submission of theses into Shodhganga Repository by the university. Dr. Urmilaben Thakkar, HOD, Department of Library Science, pointed out that access to INFLIBNET Centre website and other services of INFLIBNET Centre are blocked due to some technical issues and requested to solve the issues. Shri Manoj Kumar solved DNS issues in the university and checked and tested all computers in library centre for the seamless access to INFLIBNET website and its other services. Shri Tushar Majmudar, Registrar (I/C) gave vote of thanks. 200 participants attended the programme.

Signing of MoU on Shodhganga and User Awareness Programme, Sree Sankaracharya University of Sanskrit, Kalady, 16th November 2012

One-day User Awareness Programme on Shodhganga, was organized by Sree Sankaracharya University of Sanskrit, Kalady, Kerala in collaboration with INFLIBNET Centre on 16th November 2012 at Seminar Hall, Kalady. Mr. Mohamed Sageer T. K., Assistant Librarian I/C of University Library and Coordinator welcomed dignitaries and guests. Dr. J. Prasad Honorable Vice Chancellor, Sree Sankaracharya University of Sanskrit delivered the Presidential address and felicitated the Chief Guest Dr. Jagdish Arora with “ponnada” and presented a memento. Dr. Jagdish Arora addressed the participants and delivered a talk on the INFLIBNET Centre, its activities, services as well as about Shodhganga Programme. During the inaugural programme, the MoU was signed by Dr. J. Prasad, Vice Chancellor, Sree Sankaracharya University of Sanskrit and Dr. Jagdish Arora, Director, INFLIBNET Centre on behalf of their respective institutions. Mr. Manoj Kumar K., Scientist D (CS), INFLIBNET Centre was also



Dr. Jagdish Arora, Director, Lighting the Traditional Lamp during Inauguration of the Programme along with Shri Manoj Kumar K, Scientist D (CS), INFLIBNET Centre, Dr. Suchetha Nair, Pro Vice Chancellor, Dr. J. Prasad, Vice Chancellor, Dr. T. S. Lancelet, Syndicate Member and Chair Person, Library Advisory Committee, Sree Sankaracharya University of Sanskrit, Kalady

felicitated by Pro Vice Chancellor, Dr. Suchetha Nair. He addressed the academic community and gave a brief idea on Shodhganga: a repository of Indian theses and dissertations. Ms. Susan Chandapilla, Assistant Librarian, University Central Library extended a warm vote of thanks. Shri Mohamed Sageer T. K, the Assistant Librarian I/C of University Library and Coordinator, Shodhganga Awareness Programme extended his gratitude on behalf of the University Library and the entire (Shree Sankaracharya University of Sanskrit) academic community for the support and cooperation extended by the INFLIBNET office and the Director for giving an opportunity to conduct the programme. 136 research scholars, 20 teaching faculty and 18 Library staff attended the programme.



Meeting of the ETD Representatives from the Universities which Receives Grants from UGC, INFLIBNET Centre, Ahmedabad, 30th November, 2012

A meeting of the Shodhganga Representatives/ University Coordinators from the universities that received grant from the UGC under the Shodhganga Scheme was convened on 30th November 2012 at Crown Hotel, Ahmedabad for discussing general guidelines for setting up of ETD lab and digitization of back lists of theses from the universities. 50 universities which signed MoU and were eligible for getting grants from the UGC were invited for the meeting. Around 30 participants attended the meeting along with some of the invited experts on ETDs and Scientists from the INFLIBNET Centre.

The meeting started with a welcome address and introduction to the programme by the Convenor of Shodhganga/ETD, Shri Manoj Kumar K., Scientist D (CS), INFLIBNET Centre. This was followed by introductions and brief by the participants about the digitization projects. Dr. Jagdish Arora, Director, INFLIBNET Centre inaugurated the programme by highlighting activities under this project for maintaining the standards for the digitization and setting up of ETD lab. He also mentioned that grant received for the project should not be used for any other purpose than the specific requirement suggested by UGC and INFLIBNET Centre. He also quoted MHRD for its appreciation to the Shodhganga Project and informed the suggestion made by the MHRD to upgrade the Shodhganga portal to serve as a National

Portal on ETD. He requested participants to suggest suitable links and resources that can be included on National Portal on ETD. He requested University Coordinators to upload theses directly into Shodhganga.

Dr. Samyuktha Ravi, Librarian, Pondicherry University and National Committee Member of ETD gave felicitation address. She shared her experience on digitization of all theses in Pondicherry University. She also requested to INFLIBNET Centre to allow reappropriation of funds for digitization as her university has gone proactively on digitization using their own funds after the UGC notification on ETDs. Shri Ashok Kumar Rai and Shri Yatrik Patel, Scientist D (CS), INFLIBNET Centre also spoke during the inauguration.

The next session consisted of presentations on ETDs. The presentations were made by Shri Manoj Kumar K., Scientist D (CS), INFLIBNET Centre on Shodhganga including its work flow, submission process, responsibilities of University Coordinators, general fund allocation process, etc. He also brief about the general infrastructure requirement for ETD lab with general specifications and configuration of PCs, Server, Scanner, etc. Sh. Yatrik Patel, Scientist-D (CS), INFLIBNET Centre made a presentation on Guidelines for Digitization of Theses and the uniformity of standards which is to be maintained while digitizing old theses. Smt. Vaishali Shah, Scientist B (LS) gave an introduction to IndCat: Bibliographic Database of Theses which is also linked to full-text theses in Shodhganga.

Dr Samyuktha Ravi, Librarian, Pondicherry University and National Committee Member of ETD gave a detailed presentation on the digitization process and challenges faced in hosting theses in regional language especially in Tamil and French languages in Pondicherry University. She complimented the efforts put-in by the INFLIBNET Centre in implementing regional language support in Shodhganga enabling Pondicherry University to upload Tamil theses in Shodhganga. She mentioned that digitization was done at Pondicherry University by following standards through outsourcing and University has uploaded 685 theses in their own IR, out of these 519 theses has already being hosted on Shodhganga Repository. It was observed that university holds 3rd rank in terms of no. of theses uploaded for her university. Moreover, Pondicherry University has 4600 dissertations to be digitized. She also gave detailed presentation on using anti-plagiarism software in her university and

various steps involved in finding plagiarized content in theses with small tutorial presentation of Turnitin Software. She mentioned that plagiarism check is mandatory for Ph. D and M. Phil work in her university. No due certificate is issued only on producing Turnitin document verification ID presented by supervisor.

Dr. T S Kumbar, Librarian, Indian Institute of Technology, Gandhinagar made a presentation about international ETDs. He also highlighted some of the benchmarking parameters and ranking of ETDs, based on its feasibility as well as on its usage. This was followed by the presentation from selected participants from various universities on their digitization experiences. Dr. Beena C, Assistant Librarian, Cochin University of Science and Technology (CUSAT) presented about "Dyuthi", IR of CUSAT. She informed that CUSAT is having 2000+ theses on Dyuthi and 725 theses are already hosted on Shodhganga. CUSAT stands as the largest contributor of Ph. D theses to Shodhganga. She assured that 300+ theses have already been sent to Shodhganga and remaining theses will be handed over soon to the INFLIBNET Centre.

Shri Nagesh Londhe, Assistant Librarian, Pune University highlighted the process of digitization of books under the Millennium Book Project under which University has received grants for high-end digitization equipment. He highlighted the steps involved in digitization of books. He mentioned that for digitization of theses database, the same process will be started soon. Pune University is hosting 289 theses on Shodhganga. Dr. N Varatharajan, Deputy Librarian at University of Hyderabad gave a presentation based on his experience in OCR of scanned images. Dr. Mallikarjuna Angadi, Deputy Librarian, Tata Institute of Social Science (TISS), Mumbai also shared his valuable experiences regarding digitization process.

Sh. Manoj Kumar K., Scientist D (CS), INFLIBNET Centre extended a warm vote of thanks to the university coordinators and representatives from INFLIBNET Centre. Participants gave their feedback and found the meeting very useful. They opined that such meetings should be conducted at regular intervals. Certificates of participation were distributed to the participants at the end of the programme.

The screenshot displays the Shodhganga website interface. At the top left is the Shodhganga logo with the tagline "a reservoir of Indian theses". The main navigation bar includes "New User", "Login as: Shodhganga User", "University Coordinator", and "Administrator".

The central content area features a "Welcome to Shodhganga@INFLIBNET Centre" message. It includes a "Click here for Visual Browser" button and a "Research in Progress" badge. A prominent announcement states "100+ Universities signed MoU" and "1000+ theses uploaded by Cochin University of".

Below this, a section titled "Universities Contributed in Shodhganga (First 40 Universities)" lists various institutions and the number of theses they have contributed. The list includes:

- Alagappa University [2]
- Avinashilingam Deemed University for Women [31]
- Bharathiar University [1]
- Bharath University [20]
- Chhatrapati Sahuji Maharaj University [1]
- Dayalbag Educational Institute [4]
- D Y Patil University [1]
- Gauhati University [19]
- Graphic Era University [2]
- Gujarat University [61]
- Guru Nanak Dev University [37]
- Indian Institute of Foreign Trade [4]
- Amrita Vishwa Vidyapeetham (University) [33]
- Banaras Hindu University [1]
- Bharathidasan University [224]
- Bundelkhand University [1]
- Cochin University of Science & Technology [1001]
- Dravidian University [1]
- Forest Research Institute University [15]
- Goa University [10]
- Gujarat Ayurveda University [1]
- Gujarat Vidyapith [1]
- Homi Bhabha National Institute [55]
- Integral University [7]

The right sidebar contains an "Update @ Shodhganga" section with the following statistics:

- Research in Progress (Shodhgangotri)
- 107 Universities Signed MoU. NEW
- 101 Universities started contributing....
- 602 Theses Received from Mahatma Gandhi University, Kottayam and 95 Theses Received from Sardar Patel University, Vallabh Vidyanagar

Below the statistics is a "UGC Notification" section with the text: "M.Phil/Ph.D Regulation 2009M" and "UGC Guidelines for Shodhganga". At the bottom of the sidebar are links for "More@Shodhganga", "About", and "Why Join Shodhganga?".

First Meeting of the Project Review and Supervisory Group on NLIST Project, 11th & 12th October, 2012, INFLIBNET Centre

The first meeting of the Project Review and Supervisory Group on NLIST was held on 11th and 12th October, 2012 at the INFLIBNET Centre, Ahmedabad. The following members attended the meeting:

- ♦ Prof. A Balsubramaniam, Director, EMMRC, Mysore University, Mysore
- ♦ Prof. Uma Kanjilal, Dept. of Library and Information Science, IGNOU, New Delhi
- ♦ Dr. Pradeep Kaul, Senior Consultant, NME-ICT, MHRD, New Delhi
- ♦ Shri Pradeep Varma, Senior Consultant, NME-ICT, MHRD, New Delhi

The Meeting was also attended by the staff members of the INFLIBNET Centre associated with the INFLIBNET activities. Besides, Prof. B D Gupta, National Coordinator, INDEST-AICTE Consortium and Dr. Bibhuti Sahoo, Asst. Librarian, IIT Delhi represented IIT Delhi in the meeting.

Dr. Jagdish Arora, Director, INFLIBNET Centre welcomed members of the PRSG to the INFLIBNET Centre, Ahmedabad. He gave an overview of the activities, services, new initiatives of the INFLIBNET Centre taken in recent past. Members offered several valuable suggestions to complement and supplement existing functions and activities of the Centre. This presentation was followed by an "Overview of the N-LIST Project" including its four important components i.e. i) access to selected UGC-INFONET e-resources to technical institutions (IITs, IISc, IISERs and NITs); ii) access to selected INDEST e-resources to selected universities and; iii) access to selected e-resources to Govt./Govt.-aided and non-aided colleges; and iv) to act as a Monitoring Agency for colleges and evaluate, promote, impart training and monitor all activities involved in the process of providing effective and efficient access to e-resources to colleges. The following elaborate presentations were made on different aspects of N-LIST project:

- i) Cross subscription to e-resources by Dr. Bibhuti Sahoo, IIT Delhi
- ii) Workflow of N-LIST activities, Ms. Kruti Trivedi, INFLIBNET Centre
- iii) Usage statistics and cost-effectiveness of N-LIST Project, Ms. Kruti Trivedi, INFLIBNET Centre
- iv) Access Management System Shibboleth by Shri Yatrik Patel
- v) N-LIST: Harvesting of usage statistics at INFLIBNET Centre by Mr. Dinesh Ranjan Pradhan

All the presentations were followed by detailed discussions on different aspects of N-LIST programme, its limitations in terms of reach-out and coverage of resources. After detailed discussions and deliberations, the members of the PRSG made a number of observations / recommendations related to strategies for reaching out to greater number of colleges, possibilities of hosting purchased books locally at INFLIBNET Centre/Shakshat portal, early implementation of INFED, possibilities of evolving a national consortium, in-depth analysis of usage of N-LIST resources, possibility of including colleges in all disciplines, launching of multiple numbers of open access journals on OJAS platform in various disciplines, possibility of including text books authored by Indian domain experts into e-book collections, possibilities of IP-based access in addition to log-in ID and password-based access and setting-up of "National Repository of Articles" in addition to Shodhganga: A National Repository for Thesis at the INFLIBNET Centre.

Workshop under e-PG Pathshala

The MHRD, under its National Mission on Education through ICT (NME-ICT), has allocated funds to the UGC for development of e-content in 77 subjects at postgraduate level. The INFLIBNET has been entrusted with financial, administrative and technical responsibilities for all activities involved in the process of content creation under e-PG Pathshala.

Under the initiative, one day National Workshops on Content Creation for subject experts in different subjects were organised by the INFLIBNET Centre. The National Coordinators of respective subjects introduced aim and objectives of the workshop to the participants. Subject Coordinators introduced their team members of each subjects i.e. Paper Coordinators, Content Writers and Content Reviewers. After detailed discussion and deliberations, each subject coordinators and their team finalize the syllabus for each subject. During the technical session, INFLIBNET representative made presentations about input and output template and various standards to be followed for uniformity of the course content including responsibilities of INFLIBNET

Centre and activities involved in production of course content like content writing, multimedia enrichment, hosting on the server, document management, etc.

Detailed discussions were held on various issues regarding content creation, its translation into various languages, plagiarism and mechanisms to counter plagiarism, interactions between content writers and users, role of content reviewers, licensing of subscribed e-resources time-line for completion of project, four quadrant approach specially for social sciences, standard syllabus, etc.

The workshops organized during quarter under report are as follows:



Sr.	Subjects	Dt. of Workshop	Subject Coordinator	INFLIBNET Representative
1	Library Science	06 th Oct 2012	Dr Jagdish Arora Director, INFLIBNET Centre	Dr Jagdish Arora, Director and Mr Abhishek Kumar, Scientist-B (CS)
2	Food Technology	13 th Oct 2012	Prof.(Mrs) Vijaya Khader (Retd.), Former Dean, Faculty of Home Science, A N G R Agricultural, University Hyderabad	Mr. Abhishek Kumar, Scientist-B (CS)
3	Botany	25 th Oct 2012	Prof. Sujata Bhargava, Professor, Department of Botany, University of Pune	Mr. Kannan P Scientist-B (LS)
4	Political Science	27 th Oct 2012	Dr. Ashutosh Kumar, Professor, Department of Political Science, Arts, Panjab University	Mr. Abhishek Kumar, Scientist-B (CS)

Sr.	Subjects	Dt. of Workshop	Subject Coordinator	INFLIBNET Representative
5	Sanskrit	29 th Oct 2012	Dr. P. Ramanujan, Associate Director, Indian Heritage and Language Computing, C-DAC	Mr Abhishek Kumar, Scientist-B (CS)
6	Anthropology	3 rd Nov 2012	Dr. Mohammed Abdul Kalam, Professor, Department of Anthropology, University of Madras	Mr Kannan P, Scientist-B (LS)
7	English	5 th Nov 2012	Prof. Shyamala A. Narayan, Professor (Retd), Department of English, Jamia Millia Islamia University, New Delhi	Mr Kannan P, Scientist-B (LS)
8	Zoology	10 th Nov 2012	Prof. Bechan Lal, Professor, Department of Zoology Banaras Hindu University	Mr Abhishek Kumar, Scientist-B (CS)
9	Microbiology	10 th Nov 2012	Prof. P Gunasekaran, Professor, School of Biological Science Madurai Kamraj University	Mr Kannan P, Scientist-B (LS)
10	History	25 th Nov 2012	Prof. N R Farooqi, Dean, Research & Development, University of Allahabad	Mr Ashok Kumar Rai, Scientist-D (CS)
11	Linguistics	3 rd Dec 2012	Prof. Pramod Pandey, Professor, School of Languages, Jawaharlal Nehru University	Mr Abhishek Kumar, Scientist-B (CS)
12	Public Administration	5 th Dec 2012	Prof. I Ramabrahmam, Former HOD, Department of Political Science, University of Hyderabad	Mr Abhishek Kumar, Scientist-B (CS)
13	Hindi	8 th Dec 2012	Prof. Ram Bux Jat, Professor of Hindi, School of Languages, Jawaharlal Nehru University	Mr Ashok Kumar Rai , Scientist-D (CS)
14	Social Work Education	13 th Dec 2012	Dr. Geeta Balakrishnan, Principal, College of Social Work, Mumbai	Mr Kannan P, Scientist-B (LS)

National Workshop on “Creation and Management of Digital Collections”

National Workshop on “Creation and Management of Digital Collections” INFLIBNET Centre, Ahmedabad, 3rd – 7th December, 2012

The INFLIBNET Centre, Ahmedabad organized five-day National Workshop on “Creation and Management of Digital Collections” from 3rd to 7th December, 2012. The workshop was inaugurated by Shri Manoj Kumar, Scientist-D (CS), INFLIBNET Centre, Ahmedabad. The workshop aimed at equipping the participants with skills for developing and managing their own digital collection. The objectives of the workshop was to create awareness about new developments in the field of library and information science like managing information sources in a digital environment, building institutional repository, networking and social media, management of e-

resources, latest trends and development in LIS along with theoretical lectures and hands-on-training by experts. 19 library and computer professionals participated in the workshop. Dr Jagdish Arora, Director INFLIBNET Centre, Shri Manoj Kumar K, Scientist D (CS), Shri Yatrik Patel, Shri Ashok Kumar Rai, Scientist-D (CS), Shri H G Hosamani, Scientist C (LS) served as resources persons. Shri P Kannan, Scientist B (LS), Shri Saroja Kumar Panda, Scientific & Technical Assistant-I (LS), Shri Vijay Shrimali, STA (CS) , Shri Bhavesh Patel , Project Officer (CS), and Smt. Archita Makwana, Project Associate (LS) assisted in the “hands-on” practice. Dr Jagdish Arora, Director, INFLIBNET Centre presided over the valedictory function and distributed certificates to participants. Shri Yatrik Patel, Scientist D (CS) and Shri H G Hosamani, Scientist C (LS) coordinated the workshop.



Participants of Creation and Management of Digital Collection with Director and Technical Staff of the INFLIBNET Centre

Pooja @ Construction Site of the INFLIBNET Centre, Infocity, Gandhinagar on 7th December, 2012

A "Pooja" was organised at the Construction site of INFLIBNET Centre on 7th December, 2012 at Infocity, Gandhinagar. All staff members of the INFLIBNET Centre attended the Pooja. Padmashri B V Doshi, Founder Architect, Vastu Shilpa Coonsultants, graced the occasion and planted a sapling on the new campus. Shri Sonke Hoof and Mr. B.N. Panchal from Vastu Shilpa and Dr. Jagdish Arora and other senior scientists from the Centre also planted saplings on this auspicious occasion.



◀
*Vastu Pujan @
Construction Site of the
INFLIBNET Centre,
Infocity, Gandhinagar*

Navaratri

The INFLIBNET Centre celebrated Garba festival with great enthusiasm. The Garba night was organized for its employees and their families on 17th October 2012. The function started with the Durga Puja and everyone from the campus, staff member and their families participated. The employees and their families turned out in their best traditional attire. Dr Jagdish Arora, Director, INFLIBNET Centre distributed the prizes for the best dance performer, best-dressed person and children. The function concluded with the ceremonial dinner.



*INFLIBNET Centre's Staff with their family members during the
Garba Celebration at the INFLIBNET Centre*

International CALIBER 2013: Invitation

Convention on Automation of Libraries in Education and Research Institutions (CALIBER) is an annual convention, organised by INFLIBNET Centre in collaboration with different Universities. CALIBER 2013 is 18th CALIBER in the series and 9th International CALIBER which will be held at the new campus of INFLIBNET Centre, INFOCITY, Gandhinagar, Gujarat during 21-23 March 2013. We are pleased to invite you all to the International CALIBER 2013.

About International CALIBER

International CALIBER offers a unique opportunity to the library and information professionals, teachers, IT professionals, consultants and users involved in automation and networking of libraries as well as information providers to come together and interact on the subjects of mutual interest. It is a focused event that addresses latest trends on important themes and sub themes. CALIBER brings together practitioners and academicians in the field of library and information science and computer science from across the world. Leading experts, IT gurus, and vendors from around the globe participate in the event. CALIBER has proved to be a forum for renowned and trend-setting speakers to stimulate strategic discussions among librarians, information specialists, publishers from all over the country and beyond.

The theme

The theme of the 9th International CALIBER is “

Library Vision 2020 : Moving Towards the Future'.

Sub Themes

The conference will discuss all aspects of library and information services and technologies in the electronic environment, open access and e-learning and other futuristic technologies. The main theme will be divided into three sub-themes as detailed below, but not necessarily limited to:

Subtheme 1: Migration towards future

- ◆ Decision technology, mobile technologies and service science
- ◆ Collection and assets management
- ◆ Data discovery tools, technics for linking of richer-deeper data for semantic web
- ◆ Next generation service delivery models
- ◆ Integrated physical and digital spaces: “ e-everything”
- ◆ Changeover to newer metadata standards, metadata crosswalks: technologies and case studies
- ◆ Content modelling for semantic and social web
- ◆ Evolving professional roles

Subtheme 2: Collaborative Library Services

- ◆ New paradigms in networks and collaborations in libraries
- ◆ Collaborative acquisition and access management
- ◆ Collaboration systems and technologies
- ◆ Cloud based library services
- ◆ ILL and document delivery systems in digital environment
- ◆ Collaborative learning systems
- ◆ Impact of collaborative services: case studies

Subtheme 3: Open Access and Open Content

- ◆ Collection Library to Creation Library
- ◆ New generation of open source software: Impact on Library Services
- ◆ Open learning resources and learning content management System
- ◆ Multimedia enriched e-learning systems
- ◆ Standards and IPR issues
- ◆ Societal and cultural issues
- ◆ National and international projects on e-Learning and scholarly content generation
- ◆ New Trends and developments
- ◆ SCORM & Tin Can API: Implementation Case studies

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Learning Management System: ATutor for Academic Institutions

The article is authored by Shri Abhishek Kumar, Scientist-B (CS), INFLIBNET Centre. The author is also responsible for setting-up LMS for e-PG Pathshala initiative. Users desirous of configuring this LMS for their Institution may contact the author at abhishek@inflibnet.ac.in. The author plans to write a detailed article on configuration and customization of LMS including ATutor and Moodle in subsequent issues of the Newsletter.

Introduction

The rapid growth in the e-content development using web technology and its ever increasing use has given an unprecedented opportunities to the educators to extend learning material to the students not only within the four-walls of class rooms but also in the comforts of their home all over the globe. The Web 2.0 technologies are being used increasing by teachers and learners not only for mutual interaction but also for content creation, development and its enrichment.

In the era of e-learning and open learning, a full-fledged learning management system is the most valuable resource for educational institutions enabling them to support classroom teaching and offering courses to a larger population of learners. It is important for every educational institution to either develop an in-house learning management system or customized an open source learning management system in order to offer a platform to their teachers and students to interact and participate in the process of collaborative content development. The online learning has rejuvenated the basic concept of education and its mode of delivery.

This write-up provides detailed instructions on merits of using an LMS in general and ATutor in particular. The software is customized for “e PG Pathshala” a project awarded to the UGC under the National Mission on Education through ICT (NME-ICT) and executed by the INFLIBNET Centre.

Learning Management System

A Learning Management System is a software application that facilitates user's administration, documentation, tracking, reporting and delivery of e-content courses or

training programmes. LMS is the framework that handle all aspects of the learning process. It not only handles the process from creation of content to deliver of content, but also takes care of course administration, course registration, skill analysis, etc. A robust LMS should be able to handle the followings:

- centralize and automate administration;
- assemble and deliver of learning material;
- consolidate training initiatives on a scalable web-based platform
- support portability and standards
- personalize content and enable knowledge reuse

Planning for an LMS

A number of LMSs are available in the marketplace in a variety of flavours and formats. Some of them are open source, others commercial. Each product has its own advantage and disadvantage. The following parameters need to be considered while selecting an LMS.

- **Formal Requirements:** LMS products are designed based on requirement. As such, take your time to define your formal requirements. Your requirements may contain items like user's registration, tracking, content delivery, online evaluation, interactive forum, etc.
- **Technical aspects:** Most LMSs are Web-based, built using a variety of development platforms, like Java/J2EE, Microsoft .NET or PHP. They usually deploy databases like MySQL, MS-SQL Server or Oracle as back-end. Although most of the systems are commercially developed and have commercial software licenses there are several systems that have an open-source license.

- **Technical Environment:** It is important to work with institute's technical staff to understand the supporting architecture (e.g., networking, hardware, and software platform), security and privacy requirements, and legacy information systems.
- **Interoperability Standards & Technologies:** Standards always play the important role in the process of maintenance and migration of system. It is, therefore, important to see whether the system supports content interoperability standards such as the Sharable Content Object Reference Model (SCORM) and the Aviation Industry CBT Committee (AICC).
- **Web-based Administration:** Check whether the system requires a thick client for administration.
- **Phased Approach:** Depending on the level of internal support, a hosted or outsourced option may help mitigate potential implementation risks.

Atutor: An Open Source Learning Management System

ATutor is an Open Source Web-based Learning Management System (LMS) used for developing and delivering online courses. Administrators can install or

update ATutor, develop custom themes to give ATutor a new look, and easily extend its functionality with feature modules. Educators can quickly assemble, package, and redistribute Web-based instructional content, easily import pre-packaged content, and conduct their courses online. Students learn in an accessible, adaptive, social learning environment. (Ref: Official website of ATutor)

ATutor is installed at INFLIBNET server for hosting e-content for PG courses, a project given to the UGC under the National Mission on Education through ICT (NME-ICT), MHRD.

Installation

ATutor has the following system requirement for installation:

- Operating System: Window or Linux
- Front end: PHP
- Back end: MY-SQL

The installation of ATutor is very simple. It is browser based installation. Once ATutor source / package is downloaded then it would be accessible from root folder of ATutor through web-browser. It will automatic configure the database, accounts, directory and preferences.

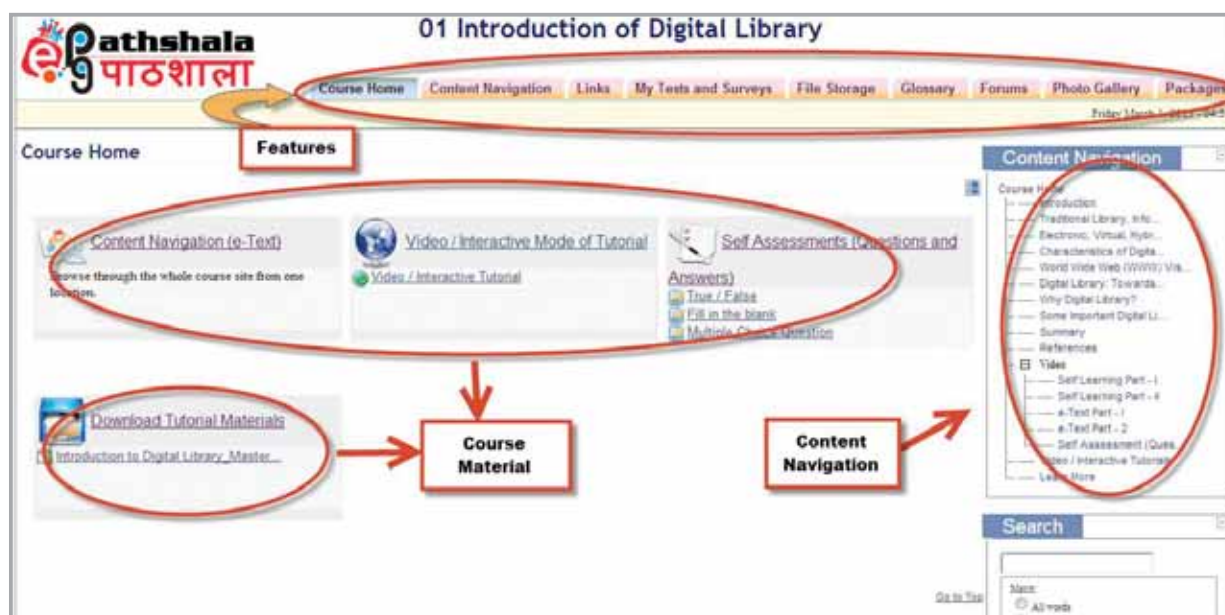


Fig-1 e-PG Pathshala: Home page of an e-Content Module



Fig-2: Student corner to access their course materials

Features of Atutor

Atutor includes a variety of features designed to ensure that content is accessible to all potential users, including those with slow Internet connections, and older Web browsers using assistive technologies to access the Web. ATutor has all the major features with respect to Institutes that want to provide addition platform of learning to their students / learners. Basically it supports to build the content in four quadrant approach (e-Text / lectures note, self-learning / demonstration, self assessment and

reference or source of further reading material).

The following three broad sections are available on the home page of each course module., i) Top navigation; ii) Right navigation; iii) Page body. Instructors / teachers and students or learners are allowed to manage the courses they teach and/or are enrolled in.

Top Navigation: It comprises of all the features including all kind of supportive and interactive tool / documents, which is managed by the course instructor.

Page-body: ATtutor also provides links to course content

*Instructor
Abhishek

*Title

Original Language
English

Description

Category
Uncategorized

Export Content
 Not available on any of the pages
 Available only for top level pages
 Available on every page

Syndicate Announcements
 Enable Announcements syndication via RSS
 Disable Announcements syndication

Access
 Public: Available to all users with or without an ATutor System Account. Login not required. Enrollment is optional.
 Protected: Available only to users with an ATutor System Account. Login required. Enrollment is optional.
 Private: Available only to users with an ATutor System Account, and Instructor approved enrollment. Login required. Enrollment is required.
 Email me when new enrollments require approval.
 Hide this course from the Browse Courses list.

Release Date

Access Types

from where learners may approach directly in any quadrant. Course coordinator can add any links of features in page-body.

Right Navigation: Right navigation is purely for content navigation, Students can browse through whole course site from one location developed by the subject experts as well as the search features of ATutor which search within the course module. Right navigation may also play the role of place holder of poll, quizzes, etc.

All above mentioned features-placeholder can shuffle according to the course requirements. ATutor provides the following major features:

- **Content Creation:** An instructor or course creator can create the content using ATutor interface. It also restricts the access of content to learners.
- **Editor for Web Tools:** Content creator can add the static content and can embed documents, video, animations, images, etc.
- **Test and survey:** ATutor provides self assessment features through which instructor can set different kind assessment question to learners. He / she can also create the survey and poll on particular topic.
- **File Storage:** File storage is very interesting features of ATutor where instructor can share all material with the learners and in using the file storage option learners can download the material and can learn in offline mode. In other word, File Storage functionality allows files to be uploaded, stored and shared with different groups of user
- **Forum:** ATutor provides the feature of forum facilitating registered students / learners / instructor to participate on a topic and can share their views. It also helps to resolve the problems of students.
- **Package:** ATutor also support the SCORM.
- **Links:** Web-based information can be added as

a link in the ATutor database.

- **Glossary:** Words and phrases added to the glossary by the instructor, can be accessed from terms embedded within content pages, or viewed alphabetically in their entirety using the Glossary tool.

Learner can view his course details using “Browse Course / Subject” Page. Learners may search for their topics within a selected course or in complete database of courses.

Alternatively, a learner can first select a subject or a course from dropdown menu. Depending upon the subject / course selected, list of paper will be displayed. On clicking at paper, the learner will get the list of all course module covered under a given course.

Access to course

Instructor can impose one of the following restrictions on courses that are hosted:

- i) Public – Open to all learners including guest learners.
- ii) Private – Only registered learners can access the course.
- iii) Protected – Restricted to learner assigned by the instructor

References:

[http://www.inflibnet.ac.in/publication/newsletter/Vol.19-%20No.1%20\(Jan-Mar,%202012\).pdf](http://www.inflibnet.ac.in/publication/newsletter/Vol.19-%20No.1%20(Jan-Mar,%202012).pdf)

http://en.wikipedia.org/wiki/Learning_management_system

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Prof. S. K. Khanna, Completes his 2nd Term as Chairman, Governing Board, INFLIBNET Centre



Prof. S. K. Khanna, Former Vice Chairman, UGC and Chairman, AICTE served as Chairman of the Governing Board, INFLIBNET Centre for two consecutive terms, i.e. from 2006 to 2009 and 2009 to 2012 respectively. The Centre has done exceedingly well under his leadership and guidance in all its activities and services. The entire scientific and administrative Staff of the Centre would like to acknowledge his immeasurable contribution to all activities and services of INFLIBNET Centre in past six years especially in construction of institutional building. We hope that Centre would continue to receive his advice and guidance in the future also.

Dr. Jagdish Arora, Director

As a member of the Standing Committee on Content Creation and its Sub-Committee, Dr. Jagdish Arora attended a number of its meetings during this quarter. As a member of the Governing Council, ERNET India and Research Advisory Committee (RAC), NISCAIR, he attended their meetings held during October, 2012. As a member of the UGC Committee on Students Grievances, he attended the meeting organised on 20th Dec., 2012.

He was nominated as member and convener of Expert Committee on Library Consortium set-up by the MHRD. As a member of the National Steering Committee of INDEST-AICTE Consortium, DeLCON and National Knowledge Resource Consortium, he attended their meetings held on various dates during this quarter.

Dr. Jagdish Arora delivered a talk on N-LIST on A View platform on 20th Nov., 2012. The talk, delivered online on A View platform, was attended by several participants in universities and colleges across the country. He was the Chief Guest for valedictory session of NACLIN-2012 held at M S University, Baroda on 21st Nov., 2012. He

delivered a talk on Access Management and User Authentication to the PGDLIM students on 12th Nov., 2012 at TISS Mumbai.

Manoj Kumar, Scientist D (CS)

Shri Manoj Kumar K attended the First National Knowledge Network Annual Conference held at IIT Bombay on 31st Oct-2nd Nov, 2012 on the theme 'e-Infrastructure of India' jointly organized by the National Informatics Centre and IIT Bombay. Sh. Manoj Kumar brought to the notice of NKN team that while migrating universities to NKN network, DNS resolution is not functioning to resolve INFLIBNET Centre web site on NKN network. As such, the universities are not able to access INFLIBNET website. This was also shown from NKN network to the NKN team. He also sought help of NKN in setting up data centre at INFLIBNET Centre with 1 gbps connectivity, and shifting of NKN connectivity from Gujarat University Campus of INFLIBNET Centre to Infocity, Gandhinagar. He also appraised cloud computing environment to be set up at INFLIBNET Centre, Gandhinagar with the help of NKN. R. S. Mani, Technical Director who is incharge of NKN assured that after shifting, a proposal can be sent to NKN.

Shri Manoj Kumar K was invited to deliver a talk on "Shodhganga & INFLIBNET Centre Services" on 3rd December 2012 and "Semantic Web and Ontology" on 4th December 2012 in 13th Refresher Course in Library and Information Science, organized by the UGC Academic Staff College (UGC-ASC) of Sardar Patel University, Vallabh Vidyanagar (Gujarat) from 19th Nov to 9th Dec 2012.

Ashok Kumar Rai, Scientist D (CS)

Shri Ashok Kumar Rai was invited to deliver a talk on "Resources Subscribed by the UGC INFONET Digital Library Consortium" on 31st October 2012 in New IITs Librarians' Meet at Indian Institute of Technology Gandhinagar from 29th - 31st October, 2012.



Shri Yatrik Patel, Scientist D(CS), INFLIBNET Centre invited as a subject expert by Doordarshan Kendra, Ahmedabad

Yatrik Patel, Scientist D (CS)

Shri Yatrik Patel, Scientist D (CS) was invited as a resource person at the Academic Staff College, Sardar Patel University, Vallabh Vidyanagar from 28th to 30th November 2012. Shri Patel delivered lectures on cloud computing and its Impact on Libraries, Information Security, Open Source Movement and OSS for the Library.

Shri Yatrik Patel, Scientist D (CS) was also invited to deliver keynote address at Shri P K Chaudhari Mahila Arts College, Gandhinagar in a UGC Sponsored national workshop on "Building Digital Library Using DSpace" on 22nd December 2012.

Shri Yatrik Patel, Scientist D (CS) was invited as a subject expert by Doordarshan Kendra Ahmedabad to give a talk on e-governance in education. This programme was broadcasted on 17th November on DD-Girnar.

H G Hosamani, Scientist C (LS)

Shri H G Hosamani, Scientist C (LS) was invited to deliver a talk on "SOUL 2.0" in 13th Refresher Course in Library and Information Science, organized by the UGC Academic Staff College (UGC-ASC) of Sardar Patel University, Vallabh Vidyanagar (Gujarat) from 19th Nov to 9th Dec 2012.

Vaishali Shah, Scientist B (LS)

Smt. Vaishali Shah, Scientist B (LS) was invited to deliver a talk on "Copy Cataloguing" and "Online Copy Catalogue System (OCS)" in 13th Refresher Course in Library and Information Science, organized by the UGC Academic Staff College (UGC-ASC), Sardar Patel University, Vallabh Vidyanagar (Gujarat) from 19th Nov to 9th Dec 2012.

Kruti Trivedi, Scientist B (LS)

Ms. Kruti Trivedi, Scientist B (LS) was invited to deliver a talk on "Library Consortia " and "Licensing e-resources and User Authentication" in 13th Refresher Course in Library and Information Science, organized by the UGC Academic Staff College (UGC-ASC), Sardar Patel University, Vallabh Vidyanagar (Gujarat) from 19th Nov to 9th Dec 2012.



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