Training programme on modernisation of library services of Teacher Education Institutions.

A report on a Three-day workshop with the experts on "Developing a Training manual on Modernisation of Library Services of Teacher Education Institutions".

PROGRAMME COORDINATOR

Smt. Yashaswini B V

Assistant Librarian

IUCTE, RIEM

FOREWORD

I would like to express my deepest appreciation to all those who supported me to complete this first activity a three-day workshop with the experts on developing a Training manual for the Training programme on "Modernisation of library services of Teacher Education Institutions" and reporting the same.

A special gratitude to Shri. Prof. Yagnamurthy Sreekanth, Chairman IUCTE & Principal RIE - Mysuru, whose contribution in suggestions and encouragement, helped me to coordinate the first activity of this programme successfully.

My sincere thanks to Shri. Prof. M. S. Talawar, Centre Director, IUCTE. for his constant motivation and supportive presence in every stage of the programme.

I also would like to thank Shri. Dr. Nagaraja S, Deputy Librarian, RIE, Mysuru. for his guidance, suggestions in each stages and timely input to carry forward the events in a systematic way.

My sincere thanks to Smt.Anupama Hegde for her involvement in the process of carrying out the workshop and for relevant discussion on the subject.

A special thanks go to all my team members of IUCTE, who helped me to successfully conduct this activity with great cooperation for conducting the workshop.

I also thank and appreciate the guidance given by all the experts, for their suggestions and their valuable inputs on the programme.

Smt. Yashaswini B V

Assistant Librarian & Programme Co-ordinator

IUCTE - Regional Institute of Education, Mysuru.

INTRODUCTION

Inter-University Centre for Teacher Education - focuses on the quality and needs of teachers, teacher educators, and institutions in every aspect of the educational programmes. It aims to strengthen the knowledge base of teacher education by facilitating professional development, networking, new knowledge creation and empowerment of teachers of Academic Institutions and Central &State Universities in Southern Region. It also initiated in providing the highest quality learning environment for the pre-service and in-service teachers and teacher educators and educational administrators to emerge as the next generation educational leaders with the highest personal and professional standards. The IUCTE, RIE, Mysuru, since its establishment, has ventured on several programmes in the area of Higher Education and particularly in Teacher Education. One of such programmes undertaken is "Training programme on modernisation of library services of Teacher Education Institutions".

Modernization is a continuous process of change for the better through technological inputs, which is taking place in every field due to the extensive use of ICT applications. In Educational Institutions Libraries are backbones to all the activities carried out in education, research, training, etc. Libraries assist users in developing proper background and base for the development of information society.

The main objectives of the program are:

- To know the status of Teacher Education Institution Libraries
- To train the librarians in ICT applications to library activities and services.
- To provide an exposure to online digital resources on Teacher Education.
- To develop essential professional skills and competency in managing the library.
- To train the librarians in the use of open-source library automation software.
- To create awareness regarding e-books, e-journals and online databases in the field of Teacher Education.

The Target group of the programme are the Librarians and In-charge library staff of the Teacher Education Institutions, who will be trained to modernise the library services.

The process of implementation consists of 3 workshop programmes for the preparation of the training manual before the training programme is conducted.

- A three-day workshop of resource persons for the planning, identification of topics & preparation of manual for training programme.
- A three-day workshop of resource persons to finalise, edit, & presentation of the Training Modules developed.
- A three-day workshop for the editing, vetting, and finalization of the training manual.
- Printing multiple copies of the Manual for the training programme
- Five days' training programme for the Librarians of Teacher Education institutions.
- Dissemination of the manual through IUCTE website and in Book form.

List of Experts/Resource Persons who attended the workshop on 23rd to 25th October, 2019 at IUCTE, RIE, Mysuru.

1. Dr. B K Jha
   Deputy Librarian
   Regional Institute of Education, Ajmer
   E-mail: Jha.balendu@gov.inPhone : 8005573739

2. Dr. Ashok. Y. Asundi
   Retd. Professor.
   No. 77, IIIrd Main,
   Prashanth Nagar, Bengaluru-560079
   Email: ashokasundi@rediffmail.comPhone :9980815468

3. Dr. N. Varatharajan
   Librarian, University of Hyderabad,
   Prof. C.R.Rao Road, Gachibowli,
   Hyderabad-500046,
   Email: nvrajan2002@gmail.comPhone :8106263862

4. Shri. Vimal Kumar V
   Technical Assistant,
   Mahatma Gandhi University Library,
   Kottayam, Kerala 686560
   Email: 2808@mgu.ac.inPhone: 9497199414

5. Dr. (Mrs.) K. Mahalakshmi
   Assistant Librarian, Avinashilingam University
   Coimbatore
   E-mail:nilamaha@gmail.comMobile:918610552991

6. Dr. K. Prakash,
   Libraraian
   KSOU,
   Mysuru
   E-mail:Prakash_k@yahoo.com0821-2510953 (0) 9448066788

7. Dr. Chandrashekara M
   Chairperson
   DOS in LIS, University of Mysore, Manasagangotri
   Mysore
   E-mail:Chandra.uom@gmail.comMobile:9497199414

8. Dr. C. Shijith Kumar
   Library and Information Officer
   All India Institute of Speech and Hearing
   Manasagangothri
   Mysuru – 570 006
   E-mail:lio@aiishmysore.inTelephone: 91-0821-2502150

9. Dr. Sunil, M.V
   Librarian,
   SDM/IMD,
   No. 1, Chamundi Hill Road, Siddharthanagar
   Mysore - 570011,
   Email: sunilmv@sdmimd.ac.inMobile: 9986439832

List of Internal Resource Persons from RIEM

10. Dr. S Nagaraja
    Deputy Librarian
    RIE Library,
    RIE Mysuru
    Email: snraj@rediffmail.comMobile: 9901733236

11. Smt. Anupama Hegde
    Professional Assistant,
    RIE Library,
    RIE Mysuru.
    Email: hegde.anupama@gmail.comMobile: 9663241967

PROCEEDINGS OF THE PROGRAMME

The **Inaugural Session** began at 9.30 A.M. with the registration of the participants of the workshop on the 23rd of October chaired by the Centre Director, IUCTE, RIEM. The programme commenced with the invocation song by Ms. Kusumitha, Mrs. Divyashree and Mrs. Nagalakshmi followed by the welcome address and the keynote presentation by Smt. Yashaswini B V. All the Resource persons were introduced to the gathering by Dr. Nagaraja S. He then explained in brief about the training programme, the workshop, its objectives and what is intended to be accomplished in the workshop.

In the Inaugural address Prof. M S Talwar, Centre Director IUCTE, gave a brief introduction about the programmes of IUCTE and its vision and mission. He felt that such activities in the field of the library are unique and rarely undertaken by the library professionals. He opined that the programme would be useful to the proposed target group and care must be taken to ensure the quality of inputs. He also felt that the experts have a rich experience of research to their credit and that they would contribute immensely to the success of the programme and said that they should associate with more such programmes in the field of Library Science. The session was concluded with vote of thanks by Smt. Anupama Hegde.

Highlights of the Discussions & Sessions:

DAY - 1

23rd October 2019

IUCTE - RIE - Mysuru

The **plenary session** started with the introduction of the training programme by Dr. S. Nagaraj. He explained in detail about the need for training programme, objectives and expected outcomes. He also gave detailed information about the need for a workshop for preparing the training manual and requested the resource persons to provide the needful suggestions and inputs for preparing the Manual so that it would help to the target group for modernising their library services to meet the present-day requirement. The experts were given a clear idea of what are the things to be covered in the three-day workshop as scheduled.

- Discussion among the Resource persons regarding the framework of the training manual.
- Discussion on the topics/areas to be covered in the Training Programme
- Finalisation of the topics for the training manual based on the views and opinions of the resource persons
- Discussion on the general guidelines for the preparation of the Training Manual.
- Allocation of the topics to the Resource Persons for writing.
- Detail discussion on the broad outline of each topic allocated for writing.
- Finalisation of a broad framework of the manual for the five days training programme.

Some of the questions raised during the discussion by experts as follows.

- Who is the target group?
- Are the target audience for the training qualified?
- Is the time allotted for the training programme sufficient?
- Will the programme be followed up after the programme?

As scheduled, the Resource Persons gave their views regarding the training programme and training manual with their presentation. This session evidenced interesting and useful suggestions from resource persons.

Dr. B K Jha gave a brief about TE institutions - the southern state with statistics. He suggested the training and training manual should cover topics for the overall development of the teacher education institutions. In his presentation, he opined the following points to covered in the manual.

- Automation of the housekeeping operations, catalogues, and the Library services
- Digitization of the copyrighted materials in the individual libraries.
- Subscription to the external Digital Libraries from Publishers/Vendors
- Development of State/Regional/National "Digital Repositories" of the scholarly writings from the Indian scholars.

Dr. Sunil M V spoke about the basic skills and competencies required to manage the Teacher Education Institution Libraries. He also highlighted the target group of Teacher Education Institutions and their requirements and how to fulfill their needs. He expressed the following concepts to be considered for the training programme.

- To manage Digital Natives
- To cater Teachers for Conventional Classrooms
- To adhere to norms and procedures
- To adopt technology for library administration and services.
- To teach the basic skill to get the online resources

Dr. Mahalakshmi spoke about the traditional and the modern technologies and skill development programme for Library and Information Professionals. She also gave a presentation on both traditional and web-based Library services and its usefulness.

Shri Vimal Kumar spoke about the software and technologies that can be implemented and adapted to modernise the library services. He gave a KOHA automation system and its features and usefulness in library automation activity.

Dr. Chandrasekhar spoke about the basics of library services, information organisation in libraries, Information literacy retrieval, Matada creation, Institution Repositories

Dr. Shijith Kumar in his presentation mentioned about
- Development of library website with freely available applications
- Integrated Library Management System
- Electronic Information Resources in Education
- Information Literacy/ Academic Writing
- Academic integrity and prevention of plagiarism

Dr. Prakash was of the opinion that training manual should be user-friendly, practical oriented and content of should cover both conventional as well as modern technologies.

Smt. Anupama Hegde briefed out the outline of the topics which was tentatively designed. (Appendix I)

After the presentation from the resource persons, the discussion continued regarding the content to be covered for the training manual. The tentative outline of the manual was framed.

DAY 2
24ᵗʰ October 2019 IUCTE - RIE - Mysuru

Forenoon session

The Session starts with a welcome by Dr. S Nagaraja. The discussion continued on the content of the manual. Prof. Ashok Y Asundi joined the programme on the 2ⁿᵈ day. He was briefed about the training programme, workshop and also tentative outline of the manual framed.

A detailed discussion on different modules, units and content of each unit were framed**.**

Highlights of the Discussion
- Training programme to be practical oriented
- Bibliographic aspects to be considered
- Basic Catalogue information
- Data entry for KOHA
- Weeding out policy and disposal
- Qualitative journal identification
- Identification of Scholarly journal publications
- Library services
- Resource sharing
- NAAC guidelines for library services of TEI
- Evaluation of Best practices
- Software available for library services.

After the discussion, the framework for the manual was designed tentatively. The modules/units were allotted to the subject experts according to their field of expertise to write the chapters for the manual. The experts were asked to write about the subthemes for the chapters allotted to them.

Afternoon session

The experts came out with the sub-topics to be covered for the module allotted to them. Discussion regarding the guidelines to be followed for the preparation of the manual and to write the chapters was made clear. A rough subtheme/topics were mentioned by the experts on the chapters allotted. Each module was discussed rigorously

following the suggestions and feedback from the other experts, the module chapters were finalised. The session closed with the decision to present the broader outline on the contents of the topics allotted for chapter writing on the next day.

DAY 3

25th October 2019 IUCTE - RIE - Mysuru

Forenoon session

The session starts with welcome by the coordinator for the third day followed by a brief presentation by the experts on the topics allotted to them. The coverage of each and every module was made very clear during the presentation. The changes were incorporated based on the feedback and discussion by the experts. Prof. A. Y. Assundi gave valuable suggestions on the outline of the module, the tentative length of each unit in view of the training programme. A clear cut framework of the training manual was drawn out with detailed chapters. (Appendix II)

Discussion on finalisation of the modules, units and content of the manual

Afternoon Session

In the afternoon session, Dr. Nagaraj spoke about the future plans of IUCTE and expert's advice was asked regarding the development of the Education Resource Centre of IUCTE, which aimed to be the State of the art library for the TEI of the southern region. Very fruitful suggestions were given by the experts.

Highlights of the Discussion II

A single point solution center for
- Remote access
- Remote users survey
- Remote service provider
- Personalized information service provider
- Perpetual access
- Collection of rare books/reference collection

- o Online book sources
- o Digital library
- o Union catalogue
- o Reports and Policy documents to be acquired
- o Cumulative data of educational research
- o Training center with state of the art facility
- o Kindle course material collection
- o The sequence of activity to be carried out
- o Carry out the research project

OUTCOMES
- A scheme for the preparation of the manual and the table of contents has been outlined.
- Experts' roles and responsibilities for the contribution in developing and writing for the training manual.
- The next activity "ACTIVITY TWO- to finalise, edit, & presentation of the Training Modules developed" to be conducted in December 2019.

FEEDBACK ABOUT THE PROGRAMME

The following feedbacks were given by the experts and resource person about the programme to be conducted in the consultative workshop, at IUCTE – RIE Mysuru.
1. Online course for TEI librarians
2. One-day orientation programme to introduce the Centre - Empower the other libraries to support the IUCTE.
3. A project of creation of database of experts in all the subjects.

Valedictory Session
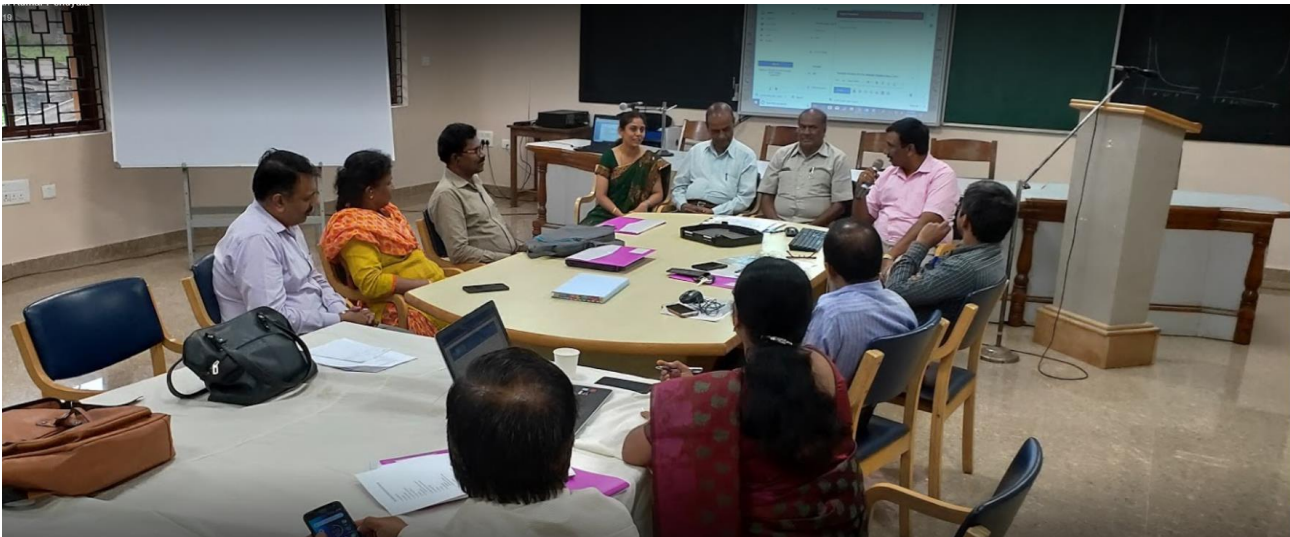
      Prof. M.S.Talwar, Center director chaired the session. Dr. Nagaraj spoke on the experience of three days workshop. He thanked all the subject experts for their inputs, contribution, and involvement in finalising the modules. He mentioned resource persons' dedication and co-operation for the success of the workshop. Smt. Yashaswini thanked all the resource persons for their suggestions and valuable inputs during the workshop. Prof. A.Y Asundi spoke on the occasion and congratulate for the activities of IUCTE. Prof. M.S Talwar in his speech thanked all the resource persons for their involvement and active participation in the workshop. He spoke about the uniqueness of programme and hoped that all the resource persons would participate and give inputs in future programmes and activities of IUCTE.

Tentative topics to be covered in the training manual

1. Introduction to the Teacher Education institutions
   Objectives
   NCTE (Norms for TE institute - Libraries)
   Present scenario of libraries of TE institutes
   Role of Librarians in Teacher Education Institutions

2. Planning and Organisation of the Teacher Education Institution library
   Infrastructural facilities

3. Acquisition of Library Resources
   Collection development
   Acquisition-Procedure, Weeding out policies

4. Arrangement of resources/Resource management
   Classification - DDC
   Cataloguing - MARC 21, Doublincore, RDA (Resource Description & Access)
   Open Education Resources in TE
   E-Resources (E-Books, E- Journals)

5. ICT application to Library
   Open-source software
   Library Automation Soft wares (Koha)
   Open access databases (ERIC)

6. Best practices in strengthening the library of TE institutions.

Module Number	Title	Coverage	Resource Person
1 **Introduction to Teacher Education Institute Libraries**	**Unit 1** Teacher Education Institute Library – An Overview	**Teacher Education Institute Library – An Overview** Teacher education institutions in India NCERT , NCTE IUCTE Teacher education institutions library: An Overview Infrastructure and facilities Summary	Dr. Chandrashekar And Dr. Nagaraja S
	Unit 2 Role of Librarian in Teacher Education Skills and Competencies for modernization of Library	**Role of Librarian in Teacher Education Introduction** Library: Center of Knowledge and Learning Role of librarians -Knowledge resources management -Resource sharing and networking resources services: Human resource management Summary **Skills and competencies for librarian in modernization of library** Introduction Definition Types of skills -Technical skills -Professional skills -Soft skills competencies for a librarian, Information gathering skills, Domain knowledge Summary References	
2 **Management of Information Resources**	**Unit 1** Collection Development - Print Resources	Introduction Objectives Collection Development Process Need, Purpose, Determining User Needs Criteria's for Selection Collection Development Policy -Policy Document -Quality -Text Books/Reference Books -Issues and Challenges -Request/Approval Authority Library Committee -Strategies – Terms of supply of books -Budget allocation -Selection -Editions -Language Indian/Foreign	Dr. Prakash K

	Unit 2 Collection Development - Electronic Resources	Currency –order/receipt Taxes& Price proof Good Office Committee/Discount Rate Content vs Format based Books, Periodicals, Reports/Government Publications, Books on Gratis Conclusion	Dr. Varatharajan N

		Collection development of e-resources
		Introduction
		Impact of E-resources
		    Advantages & Limitation
		Selection/Purchase
		    Policy on e-resources subscription
		    Selecting resources/database
		Different Forms of E-resources
		Mode of access- Individual ID/IP based/Athens/Remote Access
		Subscription- terms, and conditions
		    -Yearly subscription/ Perpetual
		    -Contents – current/back files
		    -Discontinue/stop access
		    -Misuse/systematic download
		    -Support – user training/technical -support/usage statistics
		    -Tools COUNTER, SUSHI
		Disputes – violation of agreement/court case, etc.
		Sample agreement	

	Unit 3 Stock Inventory in Libraries	• **Stock Inventory in Libraries**: Stock rectification, Stock verification, Maintenance • Missing and Loss of Books and issues and solutions • Government orders and recommendations on the writing off books • Methods of Stock verification – manual and machine methods (Bar code scanners) • Weeding out: Criteria for weeding use of DDC • Preservation and Conservation: Digital selection of some rare and classic materials in libraries	Prof. A Y Asundi
3 **Organization of Information Resources**	**Unit 1** Library Classification	• **Library Classification**: need, functions and purpose • Types of Classification: General and Special • Classification for education • Classification practice and classification of different library materials	Prof. A Y Asundi
	Unit 2 Library Cataloguing	• **Library Cataloguing** – Inner forms of catalogue • Cataloguing – Manual to automated • Catalogue codes: Need and structure • Cataloguing of different library resources • AACR2 – Need and applications • MARC to MARC 21 why, and how and Bibliographic standard format, ISO-2079 • Metadata and Cataloguing of digital resources • Evolving Metadata for Educational Materials	Prof. A Y Asundi

	Unit 3
	Subject Headings –
	LCSH
		• Subject Cataloguing and Indexing
		• Tools for Subject Cataloguing and Indexing:
		  Subject Headings Lists and Thesauri
		• Indexing Systems: Chain Indexing and Indexing
		  in Machine environment (Library Automation)
			Prof. A Y Asundi

4 **Library and** **Information Services**	Unit 1 Library Services in Teacher Education Institute – Traditional Services Best Practices / Innovative Practices	**Mandatory** Lending Library Statistics Board Book Display on different occasion User Education - Information Literacy Stack Guide Promotion of Less Used Books **Anticipatory** Reference Referral Newspaper Clipping Extension & outreach services Bibliographic Compilation Photocopying Inter Library Loan	Dr. Mahalakshmi

	Unit 2
	Web-based library
	Services
	Best Practices /
	Innovative
	Practices
		Web OPAC
		E-Alert, E-News, E-gate
		Subject gateways
		Document Delivery Service
		Service to differently-abled
		        Installing NVDA
		        Member of Bookshare.org
		        Braille News
		Access to Grammarly
		Plagiarism Checking
		Remote Login
		Digital Library
		Barcode/RFID
		Access to Internet Resources (open access, SCERT
		YouTube channel)
		Wi-Fi Access
		Subject Specific Orientation
		Current Content
			Dr. Mahalakshmi

	Unit 3 Information Literacy	Introduction What is information literacy Need for information literacy Components of information literacy Information literacy models Information literacy standards for teacher education Ethics in research -IPR – Copyright -Plagiarism- Definition, types- (Direct, Unintentional, Mosaic Plagiarism, Self-Plagiarism) plagiarism detection software, UGC regulations 2018 for academic integrity & plagiarism, CARE Skills needed to be an information literate Role of the librarian Summary	Prof. M Chandrashekara

	Unit 1 Planning for Library automation	Introduction What is library automation Need Advantages Steps in planning library automation -Vision and mission of the library -Present status of the library -Requirements -Feasibility study -Selection of software Technology plan – Selection of HW/SW Project proposal – Data capture, Cost and AMC Implementation and evaluation Training - Pre and Post automation Summary	Dr. Chandrashekar

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Library Automation
	Unit 2
	Koha
	Administration
	Module
		Introduction to Linux desktop
		       Ubuntu desktop
		       apt-get commands
		Koha administration module
		       Adding library
		       Item types
		Authorized values
		Patron categories
		Circulation and fine rules
			Shri Vimal Kumar

	Unit 3
	Cataloging
		Acquisition Module
		Cataloging
		       Adding catalogue records
		       Editing catalogue records
		       Deleting catalogue records
		       Bulk item modification
			Shri Vimal Kumar

	Unit 4
	Circulation
	Serials Control
	Web OPAC
		Circulation management
		       Patron management
		       Check-out, Check-in of books
		       Reservation of books
		Serials control
		       Create periodical subscription
		       Receive periodical issues
		       Routing list
		       Management of bound volumes
		OPAC
		Customisation of OPAC
		       Searching
		       Lists&carts
		       Enhanced content
			Shri Vimal Kumar
			
			Shri Vimal Kumar

	Unit 5
	Report Generation
	Data Backup
		Report generation
		       Statistics reports
		       Custom reports	

	Unit 6
	Installation,
	Hardware
	Requirement
	Key Web resources
	for help and
	documents
		SQL report library
		Installation of Koha
		       Hardware requirements
		An overview of Koha installation process
		       Installation of Koha Live DVD
		       Database backup and restore
			Shri Vimal Kumar

6
Digital Resources for Teacher Education
	Unit 1
	Digital Library –
	Concept and
	Techniques
	Institutional
	Repository
		Introduction
		    What is DL
		Need for Digitization Process: capture/uploading
		Components of DL
		 Advantages &limitations
		How DL works
		Infrastructure for DL
		HW/OS/web-server/RDBMS/App. SO/handle
		    Formats and metadata support
		    Search interface/technique
			Dr. Varatharajan N

	Unit 2 Digital Resources for Teacher Education	**Digital Resources for Teacher Education** Resources covering the content part in Natural Sciences, Social Science &Humanities Resources covering the methodology part i.e teacher education Enumerative list of sources: subscribing ebooks, e-journals, Databases Consortia: NLIST etc.	Dr. B K Jha
	Unit 3 Open Access Resources -	**Open Access Resources**-OER, ERIC, NROER and selected IR from TEI Open Access Directories - DOAJ, DOAB, DOAR, ROAR Institutional Repository Subject gateways An exhaustive list of open educational resources having the functional URL what are those resources and how to make use of it Identification of websites and digital library on particular subject i.e., natural sciences, social science humanities and specially teacher education.	Dr. B K Jha

7
Internet Literacy
	Unit 1
	Publicity and
	Advocacy of
	Library
		Focus
		Library Awareness among stakeholders, Service
		Knowledge to the users, Engaging the Community
		in library activities.
		
		• The advocacy program - Public Relations,
		  Advertising, Marketing, Promoting
		• Need for advocacy – Teacher
		  Collaboration, Student Collaboration,
		  Community Collaboration
			Dr. Sunil M V

	Unit 2 Google Search Strategy Reference Management Tool	• Avenues for promotion – National Library Week, Sample Marketing Plan, Success stories from the field [Source: Gale's Free Resources and Illinois University] **Web Search Strategy and Reference Management Tools** Information discovery through Search engines Google, Google Scholar & other platforms Search Techniques Boolean Operators, Phrased Search, Image Search, Citation import, Email alerts, Publisher Search, Search in Title, Period (Year) Search, file format search. Introducing Filters. Reference Management Citation styles Different tools, Case study of Zotero, Use of RMT for information gathering, organizing, and referring. How to overcome plagiarism, Role of librarians.	Dr. Sunil M V
8 **Web Technology and Libraries**	**Unit 1** Website Development for Library **Unit 2** Social Media for Libraries	**Library Website Development** • Basics of website • Web browser and server • Domain name system • Website Development tools • How to launch a website? • Evaluation of websites • Planning and designing of a library website • Guidelines for developing a user-friendly library website • Development of a B.Ed. College Library website using free tools such as Wix Website Builder. **Social Media for Libraries** • Basics of social media • Role of social media in library services • Popular social media tools, like Youtube, Twitter, Facebook, LinkedIn, their capabilities and how they can be tailored to suit the library's individual needs • Common practices associated with use of social media tools in the library • Etiquette	Dr. Shijith Kumar Dr. Shijith Kumar

Training programme on modernisation of library services of Teacher Education Institutions
<u>Concept Note</u>

Smt. Yashaswini B V
Programme Coordinator & Assistant Librarian, IUCTE-RIEM

Modernization is a continuous process of change for the better through technological inputs, which is taking place in every field due to the extensive use of ICT applications. Libraries are backbones to all the teaching, learning, research and extension activities carried out in an educational institution. Libraries facilitate the users in developing proper background and base for the development of information and knowledge.

- Libraries are the instrument of instruction.
- The extent to which the user uses the library resource for their assignment as an integral part of the curriculum.
- Teaching in the classroom must depend more on the library than the textbooks.
- The basic function of the library is to provide study materials to its users in short possible time and serve the requirements of the students, teachers, and researchers towards reading, study, and research.
- The library is an integral part of the education system.
- Studies have proved that, when teachers and librarians work together, students achieve higher levels of literacy, reading, learning, problem-solving and ICT skills.

Objectives:
The main objectives of the training programme are:
- To develop essential professional skills and competency in managing the modern library.
- To train the librarians in ICT applications to library activities and services.
- To train the librarians in the use of open-source library automation software.
- To provide an exposure to online digital resources and open access resources on Teacher Education.
- To create an awareness regarding e-books, e-journals and online databases in the field of Teacher Education.

Outcomes
A Manual to train the Librarians of Teacher Education Institutions in using

- Online and Open Educational Resources
- Free open-source software for library management and services
- Library Automation
- E-journals, E-books, Online databases, etc.
- Digital Library

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