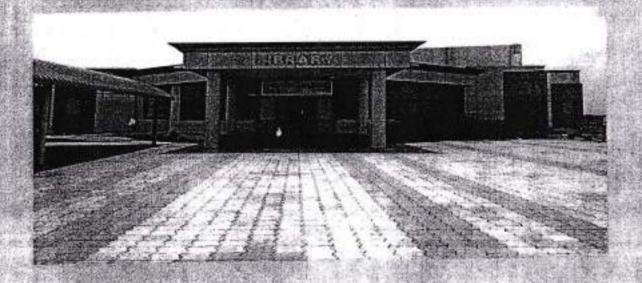


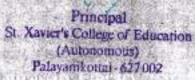




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a. PRINCE SERVICE NEW



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## Role Of Future Academic Librarians: Issues And Challenges In 21st Century

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#### Introduction

Library and information centres plays a predominant role for dissemination of knowledge of the users. In future adopting various types of resources and services to introduce in the libraries and librarians play a key role to implementation of the new technologies and services. This paper has to discuss the various issues and challenges of the academic libraries in the 21st century and has to adopt new skills to the library professionals.

#### Review of Literature

Norene James, Lisa Shamchuk, & Katherine Koch. (2015) reviewed this paper on emerging roles of the 21st century librarians who are managers of repository services across libraries in present day information technology environments. Librarians need to be trained in requisite skills and be empowered for successful management of the ICT driven repository initiatives of the 21st century. Literature was reviewed on the roles and responsibilities of librarians, training needs and opportunities, career path of librarians, and community support necessary for effective and efficient implementation and management of repository initiatives. This entails the ability to comprehend trends and change patterns which are essential for providing research focused and user friendly models in open repository services, based on though analytical understanding of the challenges of emerging trends. Librarians need training and retraining in order to reposition themselves in their career path. The library is an integral part of its social environment that is to educate the community about the existence of an open repository; building partnership with community-oriented research centres through seminars, workshops, Symposium, training, and awareness programmes. The paper recommends that librarians should Strategize and collaborate with researchers to make open repository an essential research tool. Tikekar (2009) discussed on the modernization of University and College Libraries in India taken place during the latter half of the last century. It gives an account of the contribution of the University Grants Commission in terms of Reports, conduct of seminars, workshops, financial assistance for replenishing collections, constructing library buildings, upgrading library services. The role of other national bodies like AIU, AICTE, NAAC and Library Networks also is described. This modernization facilitated their transformation into the 21st Century Academic Libraries. While explaining the special features of 21st Century Academic Library the land marks of the forward march like professional literature analysing the transitory period, New Five Laws of Library Science are indicated. The special features of 21st century academic libraries like library software's, retrospective conversion, digital library initiative are also discussed. The changing librarianship is explained emphasising the new competencies for library and information professionals. It is concluded that though the core work of libraries remain the same the old ways to carry them out are changed due to ICT applications. The library services too are enhanced and have become more effective.

### Professional Development

Librarians are the professionals and now designated as various names like knowledge officer, IT manager, Information manager and etc. The librarians are ready to know about the following advanced skills and attending the training programmes.

Attending the Conferences/Seminars			☐ Professional Ethics for World		
0	Attending	the	and Publishing Ethics		
Workshops/Training Programmes			□ Adopting new routine library		
	Workplace Culture		operations		
	- Sept Mari	taye !	□ Virtual Reference Service		

Principal
St. Xavier's College of Education
(Autonomous)

0	Multiple Personality		0	Knowledge Mapping skills
	Online information retrieval			
	Member in Professional		Chal	llenges of ALA's Centre for Future
Ass	sociations		Libra	aries
	For both individual and		Ame	erican library association creates
ins	titutional service		tools	for future libraries environment.
	Evaluation for Promotions		An a	academic library provides various
	Competition for jobs			for the development of libraries
0	New information skills		and a	also ensuring the user services.
Infe	ormation Services Hub		0	Internet of things
	rary and information centres in the		0	Connected Learning
	demic institutions acted as an		0	Flipped Learning
	ormation services hub to the		0	Design Thinking
	lents, scholars and the faculty		0	Robots
	nbers. The information services are	Laboration and the	0	
	vided as follows:			Emerging Adulthood
pro	ridod as ronows.	Santa and an Replace		Digital Natives
0	Societal Information Services			Data Everywhere
0	Technology information			Collective Impact
serv				Voice Control
D	Educational Information			Virtual Reality
Serv				Urbanization
				Short Reading
Serv				Smart cities
	Institutional Repositories			
	Scientific Information Services			tutional Support
	Inter-Library Loan Service			inds of academic institutions are
0				orting and encourage the librarians
0	Reprography Service			mplement new resources and
	Scanning Service Translation Service		techn	
	Translation Service			ving aspects of supports to be ded to the academic libraries.
		postsia men		
	es on Adopting New Technologies			Financial Support
	library and information centres			Institutional Collaboration
	ide various types of resources and			Employee Skills
	ces through technologies. The			Expansion of Library Physical
	wing new technologies related		Area	
sourc	es and services include:		. 0	Implementation of innovative
	s beginning ene golvelarum yantidi sifi. amine		ideas	
	Introducing Open Education			Relationship Management
	urces (OER)			Adequate Infrastructure
	Metadata Harvesting		0	Computerised Library
	Digital Preservation			Evaluating Users experience
	Data Analysis			
	Visualizing resources		Chara	acteristics of the Good
	Web Achievement		Libra	rian
	Robotic Technology		The	librarian has to commits the
	Artificial Intelligence			ing characteristics for the smooth
	Web 2.0			ig of the academic libraries and
	Social Media Skills	"一大大	the use	ers at the academic institutions.
)	Online Reference Management			as as assessment montations.
ools	STATE OF THE STATE		D	Awareness
]	Table of Content (TOC)		0	Empathy
	()		-	Linpatity

П	Accountability	☐ As a Educator		
0	Confidence	☐ Curriculum Developer		
П	Inspiration	☐ Information Educator		
П	Honesty	☐ Educational Partner		
П	Decisiveness	☐ Emerging Instructional Ro	le of	
П	Optimism	librarian and academia		
П	Flexibility	Catalyst for the students		
П	Integrity	☐ Multiple Personality		
П	Team Work	☐ Creating the innovative li	brary	
П	Customer Service	portal		
П	Time Management	☐ Multimedia Resource Mana	ger	
0	Communication skills	☐ Understanding the users		
	Communication same	☐ Balancing the print and o	nline	
		resources		
Dol	e of Librarian	☐ Inside and outside roles		
	rarian plays a dynamic and efficient	☐ Inviting and challenging	the	
	to implement the new technology	rapid response		
	ed services in the academic libraries	□ Adjustment		
		☐ Collaborative Mentality		
and challenges in the 21st century. The librarian acted as a following role in the		☐ Collaborative approach to	the	
		academicians		
	demic libraries for development of	academicians		
the g	good library and for the best users.	☐ Information Marketers		
		information ividiceters		

#### Conclusion

Librarians are the committed academicians in the every academic institution for the development of resources and implementing all the new technologies. Now the librarians acted as a trainer of plagiarism detection, author affiliation, bibliometric studies, scientometric studies, h-index and various advanced technologies for the academicians in the institutions. So this paper has to identify issues and challenges to the librarianship in the 21st century. All the librarians has to meet the issues and challenges in very easy manner and successful operation to adopt technology based libraries in the 21st century.

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