



UNIVERSITY OF CALCUTTA

FACULTY ACADEMIC PROFILE/ Curriculum Vitae

1. **Full name** : DR PIJUSHKANTI PANIGRAHI
2. **Designation** : Professor, Dept of Library and Information Science, University of Calcutta
3. **Specialisation** : Applications of Artificial Intelligence, Natural Language Processing (NLP), Expert Systems in LIS; Knowledge Representation Models in Libraries; Digital Libraries and related Technologies, Internet Applications in Information Services, Metadata and Information Retrieval.
4. **Contact information** :
 - Office Address : Dept of Library and Information Science, 3rd Floor Asutosh Building, University of Calcutta, 87/1 College Street, Kolkata 700073 West Bengal
 - Present Address : Flat No. 2 / I Block II, SD Shradhanjali, Golaghata More, 106 Dakshin Danri Road, PS Lake Town, Kolkata – 700 048
 - Permanent Address: Vill + PO – Barabantalia, PS-Junput Coastal, Dist-Purba Medinipur, PIN 721450
 - Email : panigrahipk11@gmail.com, pkplis@caluniv.ac.in
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6. Awards and Qualifications:

A. Awards :

- **Shiksha Ratna 2019 Award** by the Department of Education, Government of West Bengal on the 5th September 2019 for commendable contribution in spreading education for societal development.
- **Certificate Of Appreciation** by the Dept of Library and Information Science, Jadavpur University, Kolkata during Golden Jubilee Celebration on 13.08.2014 for commendable contribution towards development of the Department
- **Certificate Of Appreciation** by Manipur Library Association (MALA) on 24.05.2012 for commendable contribution towards promotion of Library Movement in Manipur
- **IATLIS-Prof Kaula Best Paper 2007 Award** for the best papers among all papers published in Indian Library and Information Science Journals during 2005-2006
- **IASLIC-Ranganathan Medal** for 'THE BEST ARTICLE' in the year 2000
- **Vidyasagar University Gold Medal** for the year 1989

B. Academic Qualifications

Degrees	Universities/Institutes
B Sc (Hons)	University of Calcutta
M Sc	Vidyasagar University
B Ed	Vidyasagar University
Bachelor of Library and Information Science (BLISc) (Gold Medalist)	Vidyasagar University
Associateship in Documentation and Information Science (ADISc)	Indian Statistical Institute
Ph D	Vidyasagar University

7. Positions held/ holding and experiences:

A. Positions holding

- Member, **Senate**, University of Calcutta (June 22, 2015- till date)
- Convenor, Ph D Research Advisory Committee in Library & Information Science, University of Calcutta (2015- till date)
- Member, M Phil Committee in LIS, University of Calcutta (2012- till date)
- Head, Department of Journalism and Mass Communication, University of Calcutta (November, 2015- till date)
- Secretary (Acting), Faculty Council for PG Studies in Education, Journalism and Library Science, University of Calcutta (May 2018 - till date)
- Secretary (Acting), Faculty Council for PG Studies in Arts, Commerce and Business Studies, University of Calcutta (August 20, 2021 - till date)
- Chairman, Board of P G Studies in Journalism and Mass Communication, University of Calcutta (November, 2015- till date)
- External Expert Member, Higher Research Committee (**HRC**) - Rabindra Bharati University
- External Expert Member, Departmental Research Committee (**DRC**) – Gauhati University, Jadavpur University, Rabindra Bharati University
- External Expert Member, Board of PG Studies (**PGBOS**) - Gangadhar Meher University, Sambalpur (2019- till date);
- Member, **Technical Advisory Committee**, Computer and Communication Sciences Division, Indian Statistical Institute (**ISI**), Kolkata (2018- till date)
- Member, PG Studies Committee, Women’s College, Baghbazar, Kolkata (2017- till date)
- Member (Calcutta University Nominee), Governing Body, Metiabruz College, Kolkata (January, 2022- till date).
- Member (Calcutta University Nominee), Governing Body, Govt Women’s College, Kolkata (January, 2022- till date).
- Editor, **IASLIC Bulletin** (A leading peer reviewed/referred Indian Journal in the field of Library and Information Science published since 1956) (2017- till date)

B. Positions held

- Dean, Faculty Council for PG Studies in Education, Journalism and Library Science, University of Calcutta (December 10, 2016-January 09, 2020)

- Dean (Acting), Faculty Council for PG Studies in Education, Journalism and Library Science, University of Calcutta (June 22, 2015 - December 09, 2016)
- Dean (Acting), Faculty for PG Studies in Arts, University of Calcutta (February 2016 –July, 2016)
- Dean (Acting), Faculty for PG Studies in Commerce and Business Management, University of Calcutta (August 2016 –December 09, 2016)
- Dean (Acting), Faculty for PG Studies in Science, University of Calcutta (August 2016–December 09, 2016)
- Member of Syndicate, University of Calcutta (June 22, 2015 - January 09, 2020)
- Member, **Court**, Banaras Hindu University, (**Visitor’s Nominee**) (2016-2021)
- Convenor, Ph D Research Advisory Committee in Journalism & Mass Communication, University of Calcutta (November 2015- January 2022)
- Convenor, Ph D Committee in Political Science (April-July, 2016)
- Convenor, CBCS Committee, University of Calcutta (July 2016 –July 2017)
- Member, Statute Committee, Internet Committee, University of Calcutta (Nov 2015 –July 2017)
- Member, Library Committee, University of Calcutta (August 2015 – Jan 2020)
- Head, Department of Library and Information Science, University of Calcutta, Kolkata, West Bengal, PIN – 700 073 – **3 terms** (June 15, 2004 - June14, 2006 ; June 15, 2010 - June 14, 2012; June 15, 2018 – November 05, 2020).
- Head, Department of Library and Information Science, University of Kalyani, Kalyani, Nadia, West Bengal, PIN - 741 235 (April 01, 1999- March 31, 2001 in **first term** and April 01 – September 04, 2001 in the **second term**).
- Coordinator, Advisory Committee for PG Diploma in Media Studies: Film and Television, University of Calcutta
- Member, Advisory Committee for PG Diploma in Book Publishing, University of Calcutta.
- Member, Technical Advisory Committee, Computer and Communication Sciences Division, Indian Statistical Institute, Kolkata (2013-2016)
- External Expert Member, Library Committee, University of Kalyani
- Member, School Board on SEMIS, Mizoram University, Aizwal (2011-13)
- Member, Board of PG Studies in LIS, NEHU, Shillong (2011-13 & 2018-2020)
- Member, Board of PG Studies in LIS, Assam University, Silchar (2010-2013)
- Member(External Expert), Board of Studies in LIS, Bhagalpur T M University(2011-13), Burdwan University (2015-2018)
- Member(External Expert), Board of PG Studies (**PGBOS**) - Assam University, Silchar (2018-2020); Bhagalpur T M University, Bhagalpur (2016-2019); Jadavpur University; Vidyasagar University; Netaji Subhas Open University.
- External Member, **PGDLAN Expert Committee**, IGNOU, New Delhi (2017-20)
- External Expert Member, Institutional Advisory Board/Departmental Advisory Board (**IAB/DAB**), **NCERT**, New Delhi (2018-2021)
- Member, Board of PG Studies in LIS, Rabindra Bharati University;
- Member, Board of PG Studies in LIS, Vidyasagar University (2011-2013,)
- Member, DRC(Ph D) Committee in LIS, Jadavpur University, Kolkata (2011-13)
- Member, DRC(Ph D) Committee in LIS, Kalyani University, Kalyani (2010-2014)
- Member of the Senate, University of Calcutta (2011 to June, 2012)
- Member, DRC(Ph D) Committee in LIS, Netaji Subhas Open University (2011-13)
- Associate Editor, **IASLIC Bulletin** (A leading peer reviewed/referred Indian Journal in the field of Library and Information Science published since 1956) (2004-2016)

C. Teaching Experiences

➤ Professor	University of Calcutta	Feb 26, 2007	till the date
➤ Reader	University of Calcutta	Sept 05, 2001	to Feb 25, 2007
➤ Reader	University of Kalyani	Feb 26, 1999	to Sept 04, 2001
➤ Senior Lecturer	Vidyasagar University	Oct 01, 1997	to Feb 25, 1999
➤ Lecturer	Vidyasagar University	Sept 30, 1992	to Sept 30, 1997

8. Research Domain

Researcher IDs

- a) ORCID : 0000-0002-5340-7512 b) SSRN: 3613026 c) SCOPUS Author ID : 57192189930
d) Vidwan ID : 59541 e) Google Scholar : VC7AVO0AAAAJ
f) WoS Researcher ID : GNW-5566-2022

Broad areas of research interests are-

- Knowledge Representation and Organisation : Artificial Intelligence (AI) - Natural Language Processing (N L P), Expert Systems (ES)
- Ontology development for information retrieval in different subject domains.
- Development and customization of metadata for Digital Library Initiatives
- Developing Subject Gateways.
- Neural Network Based Selective Dissemination of Information for Scientists
- Exploring Web 3.0 Tools application in Industrial Libraries.
- Library and Information Science Education
- Exploring the application of image retrieval in public libraries,
- Crowd Sourcing in Preserving Local History and Traditional Knowledge
- Research Data Management
- Resource Description and Access
- Multidisciplinary work (with Media Studies and Women Studies) : Women in Media, Classification scheme on women's issues etc.

9. Research guidance :

Number of researchers awarded M.Phil / Ph.D degrees : M Phil (20), Ph D (11)

Number of researchers pursuing M.Phil / Ph.D : M Phil (02), Ph D (08)

10. Projects :

Completed projects :

- UGC sponsored Major Research Project on Organising *Women's Information : A Classification Scheme on Issues Relating to Women* since 2007 (Co PI)
- Minor Research Project on *Design and Development of a Knowledge representation Model for 'Time' of Analytico Synthetic Classification* under the Minor Research Project Scheme of UGC and submitted the report through Vidyasagar University in February, 1999

11. Select list of publications:

a) *Journals :*

➤ *International*

1. SAHOO (Satyabrata) and PANIGRAHI (Pijushkanti). **Relevancy Ranking Assessment of a Discovery Tool.** *Webology*. Vol. 19, No. 2, February, 2022, p.3298-3309. [ISSN : 1735-188X (Online)].

2. ROUT (Rosalien) and PANIGRAHI (Pijushkanti). **Online Public Access Catalogue (OPAC) usage patterns among the Library users of Odisha : a study.** *International Journal of Library and Information Science (IJLIS)*. Vol. 7, No. 1, January-February, 2018, p.28-34. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
3. GOSWAMI (S), BANDYAOPADHAYA (Ratna) and PANIGRAHI (Pijushkanti). **Designing a Classification Scheme on Women's Studies in India.** *Focus of International Library and Information Work*. Vol. 42, No 3; 2011. p. 84-87 (ISSN : 0305 8468).

➤ **National**

1. GHOSH (Shrabana) and PANIGRAHI (Pijushkanti). **Creation of Ontology-based Knowledge Organisation for Value-added Information Retrieval.** *WE : A Multidisciplinary & Multilingual Peer Reviewed Research Journal, University of Delhi* Vol. 2, No 1; June, 2021. p. 25-35. (e-ISSN : 2583-2298)
2. KABIR (Sk Nausad) and PANIGRAHI (Pijushkanti). **Application of Bradford law : A Study on Broiler research output.** *RBU Journal of Library and Information Science, Rabindra Bharati University*. Vol. 21, 2019. p. 5-8. (ISSN : 0972-2750).
3. SANYAL (Surojit), BANDYOPADHYAY (Ratna) and PANIGRAHI (Pijushkanti). **Analysis of Subject Gateways with Special Emphasis on 'Jute-Gate'.** *SRELS Journal of Information Management*, Vol. 56, No. 2, April 2019. p.61-84. [ISSN : 0976-2477 (Online) 0972-2467 (Print)]
4. ROY (Protap Chandra), BANDYOPADHYAY (Ratna) and PANIGRAHI (Pijushkanti). **Role of Libraries in facilitating Students with Visual Impairment in the Institutes of Higher Education of West Bengal : An Analytical Study.** *IASLIC Bulletin*. Vol. 64, No. 1; March, 2019. p.40-58. (ISSN : 0018-8441).
5. ROY (Protap Chandra), BANDYOPADHYAY (Ratna) and PANIGRAHI (Pijushkanti). **Challenges faced by Visually Impaired Students in Higher Education : a case study based on the University of Calcutta.** *RBU Journal of Library and Information Science, Rabindra Bharati University*. Vol. 20, 2018. p. 3-14. (ISSN : 0972-2750).
6. ROUT (Rosalien), PANIGRAHI (Pijushkanti) and BANDYOPADHYAY (Ratna). **An Ontology based Subject Searching framework for Online Public Access Catalogue (OPAC).** *Journal of Library and Information Communication Technology (JLICT)*. Vol. 7, No. 1, June, 2018, p.20-28. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
7. ROY (Protap Chandra), BANDYOPADHYAY (Ratna) and PANIGRAHI (Pijushkanti). **রবীন্দ্রভারতী বিশ্ববিদ্যালয়ে দৃষ্টিহীন ছাত্রছাত্রীদের তথ্যের চাহিদা ঃ অনুসন্ধান ও বিশ্লেষণ (Information need of Visually Impaired Students of Rabindrabharati University).** *Grathagar*. Vol. 68, No.7; October, 2018, p.8-16. (ISSN : 0017-324X).
8. SANYAL (Surojit), BANDYOPADHYAY (Ratna) and PANIGRAHI (Pijushkanti). **Functioning of Jute-Gate : a Subject Gateway on Jute Information.** *IASLIC Bulletin*. Vol. 62, No. 4. December, 2017. p.203-217. (ISSN : 0018-8441).
9. SANYAL (Surojit), BANDYOPADHYAY (Ratna) and PANIGRAHI (Pijushkanti). **Jute-Gate : a case study on the development of a Subject Gateway.** *SRELS Journal of Information Management*, Vol. 54, No. 6, December, 2017, p.306-310. [ISSN : 0976-2477 (Online) 0972-2467 (Print)]

10. NANDI (Ratna), PANIGRAHI (Pijushkanti) and RATH (Durgasankar). **Changing Paradigm of Consortia : a retrospective analysis.** *IASLIC Bulletin*. Vol. 62, No. 2. June, 2017. p. 114-126. (ISSN : 0018-8441).
11. NANDI (Ratna), PANIGRAHI (Pijushkanti) and RATH (Durgasankar). **Assessing the need for a Regional Library Consortium : A Case Study in the Colleges of North Bengal.** *SRELS Journal of Information Management*, Vol. 53, No. 4, August, 2016, p.329-334. [ISSN : 0976-2477 (Online) 0972-2467 (Print)]
12. ADHIKARI (Saumen) and PANIGRAHI (Pijushkanti). **An Information Filtering Model for Research Library.** *IASLIC Bulletin*. Vol. 61, No. 1. March, 2016. p. 32-40. (ISSN : 0018-8441).
13. BATABYAL (Gatikrishna), RATH (Durga Sankar) and PANIGRAHI (Pijushkanti). **An investigation of Information Literacy Competency among the Post Graduate Students of Arts faculty of the Vidyasagar University.** *Vidyasagar University Journal of Library and Information Science (VUJLIS)*. Vol. 20-21; 2015-2016, p.124-146. (ISSN : 0972-8570).
14. PANIGRAHI (Pijushkanti). **Ranganathan and Dewey in Hierarchical Subject Classification : Some Similarities.** *Annals of Library and Information Studies (ALIS)*. Vol. 62, No. 4; 2015, p.265-267. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
15. ROUT (Rosalien) and PANIGRAHI (Pijushkanti). **Revisiting Ranganathan's Canons in Online Cataloguing Environment.** *Annals of Library and Information Studies (ALIS)*. Vol. 62, No. 4, 2015, p.286-289. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
16. GHOSH (Shrabana) and PANIGRAHI (Pijushkanti). **Use of Ranganathan's Analytico-Synthetic Approach in Developing a Domain Ontology in Library and Information Science.** *Annals of Library and Information Studies (ALIS)*. Vol. 62, No. 4; 2015, p.274-280. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
17. PANIGRAHI (Pijushkanti) and ROY (Banasree). **Library Science Education vis-à-vis Librarianship Profession : the golden past, present reality and permeate future in Bihar.** *LIS Today*. Vol. 2, No. 1-2, December, 2015, p. 1-14. (ISSN : 2349-9621)
18. ROY (Banasree) and PANIGRAHI (Pijushkanti). **বর্গীকরণে ডিউই ও রঙ্গনাথন তত্ত্বের মিথোজীবিতা : কল্পনা না বাস্তব ? (Symbiosis of Dewey and Ranganathan's theory of Library Classification : imagination or reality ?).** *Grathagar*. Vol. 65, No. 2; May, 2015, p.46-58. (ISSN : 0017-324X).
19. ROY (Banasree) and PANIGRAHI (Pijushkanti). **Librarianship as Professional Career in Academic Institutes : opportunities and challenges.** *LIS Today*. Vol. 1, No. 1-2, December, 2014, p.46-54. (ISSN : 2349-9621)
20. ROY (Banasree) and PANIGRAHI (Pijushkanti). **Developing a Classification System for Bengali Literature : some thoughts.** *Advanced in Library and Information Science (ALIS), North Bengal University*. Vol. III, December, 2014. p. 1-8. (ISSN : 2231-2846).
21. NANDI (Ratna), PANIGRAHI (Pijushkanti) and RATH (Durgasankar). **Resources on local history and culture of North Bengal : an attempt to explore the existing collection in the college libraries on North Bengal.** *Advanced in Library and Information Science (ALIS), North Bengal University*. Vol. III, December, 2014. p.9-14. (ISSN : 2231-2846).
22. ROY (Banasree) and PANIGRAHI (Pijushkanti). **Literature Class in 23rd Edition of DDC : Some Reflections.** *College Libraries*. Vol. 29, No. III-IV, 2014. p.50-56. (ISSN : 0972-1975).

23. ROUT (Rosalin) and PANIGRAHI (Pijushkanti). **Photocopying and Indian Copyright Act : Issues and Challenges.** *IASLIC Bulletin*. Vol. 59, No. 1. March, 2014. p. 139-150. (ISSN : 0018-8441).
24. NANDI (Ratna), PANIGRAHI (Pijushkanti) and RATH (Durgasankar). **Resource needs of B. Ed. colleges.** *Librarian : Organ of Department of Library and Information Science, Jadavpur University*. Vol. 20, No. 2. 2013. p.78-83. (ISSN : 0972-3978).
25. NANDI (Ratna), PANIGRAHI (Pijushkanti) and RATH (Durgasankar). **Use of e-Resources.** *Vidyasagar University Journal of Library and Information Science (VUJLIS)*. Vol. 16-17, 2012. p.39-51. (ISSN : 0972-8570).
26. PANIGRAHI (Pijushkanti). **Library and Information Science Education in East and North-East India : Retrospect and Prospects.** *DESIDOC Journal of Library & Information Technology*, Vol. 30, No. 5, September; 2010, p.32-47. (Invited Paper). (ISSN : 0974-0643)
27. JANA (Lakshmikanta) and PANIGRAHI (Pijushkanti). **An Evaluative Study on the Performance Measurement Parameters of Non-Government College Librarians in West Bengal.** *Kelpro Bulletin*. Vol. 18, No. 2, December, 2014, p.1-23. (ISSN : 0975-4911)
28. PANIGRAHI (Pijushkanti) and JANA (Lakshmikanta). **Job Satisfaction among Non-Government College Librarians in West Bengal : a study.** *SRELS Journal of Information Management*. Vol. 47, No. 5; October, 2010; p. 569-584. [ISSN : 0976-2477(Online), ISSN : 0972-2467(Print)].
29. JANA (Lakshmikanta) and PANIGRAHI (Pijushkanti). **Motivating parameters for betterment of Library Services : an evaluative study among Non-Government College Librarians in West Bengal.** *Annals of Library and Information Studies* Vol. 57; No 1; March 2010. p. 12-20. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
30. PANIGRAHI (Pijushkanti). **Facet Analysis Techniques for Automatic Classification Systems : A Study for Colon Classification.** *SRELS Journal of Information Management*, Vol. 44; No. 4, December; 2007. Paper AA. p. 309-332. [ISSN : 0976-2477 (Online) 0972-2467 (Print)]
31. PANIGRAHI (Pijushkanti). **Implementation of the Anteriorising Common Isolates in Automatic Classification System.** *SRELS Journal of Information Management*, Vol. 44; No. 3, September; 2007. p. 225-236. [ISSN : 0976-2477 (Online) 0972-2467 (Print)].
32. PANIGRAHI (Pijushkanti) and PRASAD (A R D). **Facet Sequence in Analytico-Synthetic Scheme : A Study for Developing an AI Based Automatic Classification System.** *Annals of Library and Information Studies*, Vol. 54; No 1, March; 2007. p. 37-43. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
33. PANIGRAHI (Pijushkanti) and PRASAD (A R D). **Inference Engine for Devices of Colon Classification in AI Based Automated Classification System.** *Annals of Library and Information Studies*, Vol. 52; No 4, December; 2005. p. 124-134. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
34. PANIGRAHI (Pijushkanti) and PRASAD (A R D). **Inference Engine for Space Isolates of Colon Classification for AI Based Automated Classification System.** *SRELS Journal of Information Management*, Vol. 42; No 4, December; 2005. p. 383-406. [ISSN : 0976-2477 (Online) 0972-2467 (Print)].
35. PRASAD (A R D) and PANIGRAHI (Pijushkanti). **A Knowledge Representation Model for Time Isolates of Colon Classification (7th Edition).** *SRELS Journal of Information Management*, Vol. 42; No 3, September; 2005. p.221-244. [ISSN : 0976-2477 (Online) 0972-2467 (Print)].

36. NANDI (Atin) and PANIGRAHI (Pijushkanti). **Library Services in the Dot Com Era : Its Protection against Cyber Crimes.** *IASLIC Bulletin*. Vol. 50; No. 2 (Special Issue on Information Services in Cyber Age), June, 2005. p. 116-124. (ISSN : 0018-8441).
37. PANIGRAHI (Pijushkanti) and JANA (Lakshmikanta). কলেজ গ্রন্থাগারের সমস্যা ও সম্ভাবনা ঃ একটি সমীক্ষা ভিত্তিক আলোচনা (Problem and Prospects of College Libraries: An empirical study). *Granthagar*. Vol. 53; No 12, March; 2004. p.368-74. (ISSN : 0017-324X).
38. PANIGRAHI (Pijushkanti), PRASAD (A R D) and BASU (Asok). **NLP based Automatic Classification System for Analytico-Synthetic Scheme.** *SRELS Journal of Information Management*, Vol. 40; No 4, December; 2003. Paper AB. p.289-312. [ISSN : 0976-2477 (Online) 0972-2467 (Print)].
39. PANIGRAHI (Pijushkanti). **Developing an Intelligent System for Library Works and Services using Declarative Language: a Case Study of Library Classification.** *CLIS Observer*, Vol. 20 No. 3 & 4, July, 2003. p. 57-71. (ISSN : 0970-0943).
40. PANIGRAHI (Pijushkanti). **Logic Programming for Automatic Classification.** *IASLIC Bulletin*, Vol 48; No 2, June; 2003. p. 83-98. (ISSN : 0018-8441).
41. PANIGRAHI (Pijushkanti). **Desktop Publishing (DTP) : A Tool for Rendering Qualitative Services in Libraries and Information Centres.** *Librarian : Organ of Department of Library and Information Science, Jadavpur University*. Vol. 8, 2001. p.45-55
42. PANIGRAHI (Pijushkanti). **An Artificial Intelligence approach towards Automatic Classification (Part 2).** *IASLIC Bulletin*. Vol. 45; No 3, September; 2000. p. 105-118. (ISSN : 0018-8441).
43. PANIGRAHI (Pijushkanti). **An Artificial Intelligence approach towards Automatic Classification (Part 1).** *IASLIC Bulletin*. Vol. 45; No 2, June; 2000. p.73-81. (ISSN : 0018-8441).
44. PANIGRAHI (Pijushkanti). **Information Services in University Libraries through Intranet.** *Vidyasagar University Journal of Library and Information Science (VUJLIS)*. Vol. 3; 1998, p.31-45. (ISSN : 0972-8570)
45. SHEWALE (Nanaji Gopinath) and PANIGRAHI (Pijushkanti). **Hypertext and HTML Tools and Techniques to develop Web Pages.** *Library Science with a slant to documentation and Information Studies*. Vol. 34; No 3, September; 1997. p.149-153. (ISSN : 0972-2467)
46. PANIGRAHI (Pijushkanti) and PRASAD (A R D). **Data Recovery Utility for Library Professionals.** *Vidyasagar University Journal of Library and Information Science (VUJLIS)*. Vol. 2, June; 1997. p.17-23. (ISSN : 0972-8570)
47. PANIGRAHI (Pijushkanti) and ROY (Banasree). **HTML : A Language to Create Web Page.** *Vidyasagar University Journal of Library and Information Science (VUJLIS)*. Vol. 2, June; 1997. p.61-69. (ISSN : 0972-8570)

b) **Books :**

1. BANDYAOPADHAYA(Ratna) and PANIGRAHI (Pijushkanti). **Adhunik Sucheekaran (= Cataloguing in Modern Age), A Cataloguing Book in Bengali : Paschim Banga Rajya Pustak Parishad 2013.** (ISBN : 978-81-247-0714-2)
2. PANIGRAHI (Pijushkanti). **Glorious Hundred Years of LIS Education in India.** Manipur Library Association, Imphal. 2011(A book based on *Dr H Atulchandra Memorial Lecture 2011*)

delivered on 10th September, 2011 at the Senate hall, Manipur University, Imphal on the eve of 114th Birth Anniversary of Dr H Atulchandra Singh and published by Manipur Library Association)

3. JANA (Lakshmikanta) and PANIGRAHI (Pijushkanti). **Job Satisfaction of College Librarians : An Evaluative Study.** 2011. Lambert Academic Publishing; Germany. xii, 423P. (ISBN : 978-3-8443-9791-8)
4. PANIGRAHI (Pijushkanti), *Ed.* **ICT Applications in Academic Library Management.** UGC – **Academic Staff College,** University of Calcutta, Kolkata. 2010 (ISBN : 978-81-922481-2-4)
5. PANIGRAHI (Pijushkanti), Guest Editor and NANDI (Ratna) Ed . Opportunities and challenges of the college libraries in the context of National Knowledge Commission Report. 2009. Siliiguri B. Ed. College; Siliguri. (ISBN : 978-81-908751-0-3).
6. PANIGRAHI (Pijushkanti) and PRASAD (A R D), *Ed.* **Open Source Movement and the Use of DSpace Software.** *Based on IASLIC National Workshop on Open Source Movement and the Use of DSpace Software.* November 28 – December 01, 2006. Organized by Indian Association of Special Libraries and Information Centres held at National Institute for the Orthopaedically Handicapped, Kolkata (ISBN : 978-81-907777-2-8)

c) Book chapters :

1. PANIGRAHI (Pijushkanti). **Research in Library and Information studies : some observations.** *In* MAITY (Goutam), *Ed.* Charaibeti : Golden Jubilee Commemorate Volume, Department of Library & Information Science, Jadavpur University, August, 2014. p. 96-104. (ISBN : 978-81-929886-0-3)
2. PANIGRAHI (Pijushkanti) and ROY (Banasree). **Rabindranath Tagore on Library System : a retrospect.** *In* KARISIDDAPPA (C R) and PADHI(P), *Ed.* Information control and management in Digital environment. Atlantic, New Delhi. 2012. p.431-436. (ISBN : 978-81-269-1696-2).
3. PANIGRAHI (Pijushkanti). **Library and Information Science Education in West Bengal.** *In* : DASGUPTA (Arjun), *Ed.* Prof Prabir Raychoudhury Commemorate Volume. IASLIC, Kolkata. 2011. p.109-138 (ISBN : 978-81-907777-1-1)
4. PANIGRAHI (Pijushkanti). **Institutional Digital Repository and Open Source Software : some reflections.** *In* JANA(Lakshmi Kanta, *Ed.* College Libraries today and Tegorean concept of Library : a reappraisal. Narajole Raj College, Paschim Medinipur. 2011. p.16-33. (ISBN : 978-81-921240-0-1).
5. JANA (Lakshmi Kanta) and PANIGRAHI (Pijushkanti). **College Library and Community Information need : problems and remedies.** *In* SAHU(Dipa). Academic Libraries : a new venture : towards Community Development in twenty first century. Central Library Department, Mahishadal Girls' College, Purba Medinipur. 2010. p.34-43.
6. PANIGRAHI (Pijushkanti). **ICT Applications in College Libraries and NKC Recommendations: A Challenge for the future.** *In* NANDI (Ratna) Ed. Opportunities and challenges of the college libraries in the context of National Knowledge Commission Report. 2009. Siliiguri B. Ed. College; Siliguri, p. 39-56 (ISBN : 978-81-908751-0-3). (Invited Paper).
7. JANA (Lashmikanta) and PANIGRAHI (Pijushkanti). **Job Satisfaction and Performance among Non-Govt College Librarians in West Bengal : An Evaluative Study in the light of National Knowledge Commission.** *In* NANDI (Ratna) Ed. Opportunities and challenges of the college libraries in the context of National Knowledge Commission Report. 2009. Siliiguri B. Ed. College; Siliguri, p. 117-132 (ISBN : 978-81-908751-0-3).

8. SINGH (Krishnapal) and PANIGRAHI (Pijushkanti). **Towards Identifying Status and facilities in Academic Libraries in Gangtak City : A Study in the light of NKC Recommendations.** In NANDI (Ratna) Ed. Opportunities and challenges of the college libraries in the context of National Knowledge Commission Report. 2009. Siliiguri B. Ed. College; Siliguri, p. 164-172 (ISBN : 978-81-908751-0-3).
9. PANIGRAHI (Pijushkanti). **Computerised Indexing and Clustering Techniques**¹. In : GHOSH (S B) and SATPATHI (J N), Ed. Subject Indexing Systems : Concepts, Methods and Techniques. Indian Association of Special Libraries and Information Centres (IASLIC); Kolkata. 1998. p.277-307. (ISBN : 978-81-907777-5-9).
10. PANIGRAHI (Pijushkanti). **Digital Library : A Mission for the near Future.** In : BANERJEE (Biswajit), Ed. Automation and Networking the College Libraries. Moulana Azad College; Kolkata. 2005. p.160-81.
11. PANIGRAHI (Pijushkanti). **Web Page Authoring for Libraries and Information Centres.** In : MAHAPATARA (M) and RAMESH (D B), Ed. Information Technology Application in Libraries : A Text book for Beginners. Reprint(P) Ltd.; Bhubaneswar. 2004. p. 478-97 (ISBN : 81-88897-01-9).
12. PANIGRAHI (Pijushkanti). **Markup Languages in Web Authoring.** In : MAHAPATARA (M) and RAMESH (D B), Ed. Information Technology Application in Libraries : A Text book for Beginners. Reprint (P) Ltd.; Bhubaneswar. 2004. p. 498- 509. (ISBN : 81-88897-1-9).
13. PANIGRAHI (Pijushkanti) and KANAKACHARY (M). **Automated Information Retrieval System for Academic Libraries.** In : NAIR (R Raman), Ed. Academic Library Automation. (Perspectives in Academic Librarianship Series No 3). 1995. Ess Ess Publications; New Delhi. p. 31-40. (ISBN 81-7000-183-8)

d) Conference/ seminar volumes :

➤ **International**

1. ASH (Moumita) and PANIGRAHI(Pijushkanti). **Digital Humanities for Development of Local History Repository : A proposal for Rural Libraries in West Bengal.** *International Conference on Trends in Knowledge and Information Dynamics (ICTK 2012) July 10-13, 2012.* Documentation Research and Training Centre (DRTC), Bangalore (This is a referred Conference.) p.748-757
 2. ADHIKARY (Saumen) and PANIGRAHI (Pijushkanti). **Developing a Neural Network Architecture Based model for Selective Dissemination of Information.** *International Conference on Trends in Knowledge and Information Dynamics (ICTK 2012) July 10-13, 2012.* Documentation Research and Training Centre (DRTC), Bangalore (This is a referred Conference.) p. 594-612
 3. PANIGRAHI (Pijushkanti), BANERJEE (S B) and BASU (H N). **Designing Information Service Products in the perspectives of Digital Era.** *International Conference on Business Management and Information Science (ICBMIS 172-2).* November 5-7, 2008. Phitsanulok, Thailand (Joint paper for referred Conference).
 4. PANIGRAHI (Pijushkanti). **Semantic Web: a better way of Knowledge Organization and Management on the Web.** *Second International Conference on Digital Libraries (ICDL 2006)*
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- on the theme **Digital Libraries : Information Management for Global Access**. December 05-07, 2006. The Energy and Resources Institute (TERI), New Delhi. (This is a referred Conference.) p. 598-608
5. PANIGRAHI (Pijushkanti) and BANDYOPADHYAY (Ratna). **Traditional Knowledge Digital Library : A model**. *Second International Conference on Digital Libraries (ICDL 2006) on the theme Digital Libraries: Information Management for Global Access*. December 05-07, 2006. The Energy and Resources Institute (TERI), New Delhi. (This is a referred Conference.) p. 918.
 6. PANIGRAHI (Pijushkanti) and DAS (Subir). **Is Webliography an effective Search Tool?** *Second International Conference on Digital Libraries (ICDL 2006) on the theme Digital Libraries: Information Management for Global Access*. December 05-07, 2006. The Energy and Resources Institute (TERI), New Delhi. (This is a referred Conference.) p.979.
 7. NANDI (Atin) and PANIGRAHI (Pijushkanti). **Digital Libraries vehicles for online Distance Education**. *Second International Conference on Digital Libraries (ICDL 2006) on the theme Digital Libraries : Information Management for Global Access*. December 05-07, 2006. The Energy and Resources Institute (TERI), New Delhi. (This is a referred Conference.) p. 973.
 8. MUKHOPADHAYA (A), DASGUPTA (Swapan) and PANIGRAHI (Pijushkanti). **A Study on Web Search Engines and User Interfaces**. *First International CALIBER – 2003*. February 13-15, 2003. Information and Library Network (INFLIBNET). NIRMA Education and Research Foundation; Ahmedabad. p. 535-549 (This is a referred Conference.)
 9. PANIGRAHI (Pijushkanti) and PRASAD (A R D). **An Inference Engine for Time Isolates of Colon Classification Schedules**. *Sixth International Study Conference on Classification Research and on the specific theme Knowledge Organization for Information Retrieval*. June 16-18, 1997. International Association for Knowledge organization and the School of Library, Archive and Information Studies of University College London; London. (This is a referred Conference.)

➤ **National**

1. DAS BISWAS (Mayuri) and PANIGRAHI (Pijushkanti). **Dissemination of open government data through Indian Statistical System : a roadmap towards sustainable development**. Conference Proceedings, 2019. *IASLIC 32th All India Conference 2019 on Future of Library and Information (LI) profession in India*. University Library. Cochin University of Science and Technology, Kochi, during December 03-05, 2019. p. 153-162. (ISSN : 0972-3668, Special Publication (Serial) Volume No. 58).
2. ASH (Moumita) and PANIGRAHI (Pijushkanti). **Traditional knowledge of agricultural artisan of Rarh region of West Bengal : problems and prospects in designing virtual library system**. Conference Proceedings, 2019. *IASLIC 32th All India Conference 2019 on Future of Library and Information (LI) profession in India*. University Library. Cochin University of Science and Technology, Kochi, during December 03-05, 2019. p. 92-95. (ISSN : 0972-3668, Special Publication (Serial) Volume No. 58).
3. ASH (Moumita) and PANIGRAHI (Pijushkanti). **Patent Repository and Information Sharing issues : An Indian perspective**. Conference Proceedings, 2018. *IASLIC 28th National Seminar 2018 on LIS Education in India : current scenario and future strategies*. Central Library, Visva-Bharari, Santiniketan during November 27-29, 2018. p.370-375. (ISSN : 09723668, Special Publication No. 57).
4. DAS BISWAS (Mayuri) and PANIGRAHI (Pijushkanti). **Tagorean concept of Library and Open Learning : Relevance in the present era**. Conference Proceedings, 2018. *IASLIC 28th National Seminar 2018 on LIS Education in India : current scenario and future strategies*.

- Central Library, Visva-Bharari, Santiniketan during November 27-29, 2018. p. 356-363. (ISSN : 09723668, Special Publication No. 57).
5. ROUT (Rosalien) and PANIGRAHI (Pijushkanti). **Enhancing Library OPAC System using Open Source Software.** Conference Proceedings, 2018. *33rd Annual Convocation of the Society for Information Science. Open Access : the road to freedom.* CSIR-Indian Institute of Chemical Biology, Kolkata, during April 07-08, 2017. p. 267-280. (ISBN : 9789383658206).
 6. PANIGRAHI (Pijushkanti) and ROY (Banasree). **Public Library Services in Rural Bengal : Present reality and permeate into future.** Conference Proceedings, 2017. *IASLIC 31th All India Conference 2017 on Public Libraries in India in 21st century.* Banaras Hindu University, Varanasi, during November 07-09, 2017. p. 299-312. (ISSN : 09723668, Special Publication No. 56).
 7. ROY (Sanjukta) and PANIGRAHI (Pijushkanti). **Building Digitally Inclusive Communities : Library's power to empower.** Conference Proceedings, 2017. *IASLIC 31th All India Conference 2017 on Public Libraries in India in 21st century.* Banaras Hindu University, Varanasi, during November 07-09, 2017. p. 367-374. (ISSN : 09723668, Special Publication No. 56).
 8. ASH (Moumita) and PANIGRAHI (Pijushkanti). **Effectiveness of Image Tools to enhance Visibility of Library on Social Media platform.** Conference Proceedings, 2016. *IASLIC 27th National Seminar 2016 on Social networking and libraries.* Pt. Sundarlal Sharma Library and School of Studies in Library and Information Science, Pt. Ravishankar Shukla University, Raipur, during December 22-24, 2016. p. 64-69. (ISSN : 09723668, Special Publication No. 55).
 9. ROY (Banasree) and PANIGRAHI (Pijushkanti). **WhatsApp in College Library Services : A proposal.** Conference Proceedings, 2016. *IASLIC 27th National Seminar 2016 on Social networking and libraries.* Pt. Sundarlal Sharma Library and School of Studies in Library and Information Science, Pt. Ravishankar Shukla University, Raipur, during December 22-24, 2016. p. 159-166. (ISSN : 09723668, Special Publication No. 55).
 10. ASH (Moumita) and PANIGRAHI (Pijushkanti). **Community Information Service to enhance Information Literacy and develop Local Knowledge Bank for Agrarian Community of India : A perspective view.** Conference Proceedings, 2015. *IASLIC 30th All India Conference 2015 on Library Legislation and Community Information Services.* Gujarat University, Ahmedabad, during December 28-31, 2015, p. 131-134. (ISSN : 09723668, Special Publication No. 54).
 11. ROY (Banasree) and PANIGRAHI (Pijushkanti). **Revisiting Library Legislation in the light of CIS.** Conference Proceedings, 2015. *IASLIC 30th All India Conference 2015 on Library Legislation and Community Information Services.* Gujarat University, Ahmedabad, during December 28-31, 2015, p. 157-162. (ISSN : 09723668, Special Publication No. 54).
 12. ROY (Banasree) and PANIGRAHI (Pijushkanti). **Towards a Knowledge Society for India : Role of College Libraries.** Conference Proceedings, 2014. *IASLIC 26th National Seminar 2014 on Roadmap to usher in Knowledge Society.* Gauhati University, Guwahati, during November 25-28, 2014, p. 265-270. (ISSN : 09723668, Special Publication No. 54).
 13. ASH (Moumita) and PANIGRAHI (Pijushkanti). **Oral History Repository Development by Crowd Sourcing using Web Platform : A proposal with special reference to North East India.** Conference Proceedings, 2014. *IASLIC 26th National Seminar 2014 on Roadmap to usher in Knowledge Society.* Gauhati University, Guwahati, during November 25-28, 2014, p. 297-302. (ISSN : 09723668, Special Publication No. 54).
 14. BISWAS (Mayukh) and PANIGRAHI (Pijushkanti). **A Prototype Model for University Libraries in a Cloud Computing Environment.** Conference Proceedings, 2014. *IASLIC 26th National Seminar 2014 on Roadmap to usher in Knowledge Society.* Gauhati University,

- Guwahati, during November 25-28, 2014, p. 356-367. (ISSN : 09723668, Special Publication No. 54).
15. ASH (Moumita) and PANIGRAHI (Pijushkanti). **Effectuation and use of Social Media at University Libraries : An Analytical Study.** Conference Proceedings, 2013. *IASLIC 29th All India Conference 2013 on Role of Library Associations in India in Modern age.* Information Centre and Library, National Institute of Virology, Pune, during December 25-28, 2013, p. 276-283. (ISSN : 09723668, Special Publication No. 53).
 16. ASH (Moumita) and PANIGRAHI (Pijushkanti). **Patents as an Institutional Repository item : Issues and Challenges of Intellectual Property Rights.** Conference Proceedings, 2013. *25th National Seminar of IASLIC 2012 on Intellectual Property Rights : problems and prospects with special reference to Library and Information Services.* Ananda Rangapillai Library, Pondicherry University, Puducherry, during December 10-13, 2012, p. 253-259. (ISSN : 09723668, Special Publication No. 52).
 17. ROUT (Rosalien) and PANIGRAHI (Pijushkanti). **Differentiation Strategy for Marketing of Library and Information Service products.** Conference Proceedings, 2013. *IASLIC 25th National Seminar 2012 on Intellectual Property Rights : problems and prospects with special reference to Library and Information Services.* Ananda Rangapillai Library, Pondicherry University, Puducherry, during December 10-13, 2012, p. 293-300. (ISSN : 09723668, Special Publication No. 52).
 18. PANIGRAHI (Pijushkanti) and MANNA (Supta). **Library Associations : Their role in promoting Literacy and Reading Habit.** Conference Proceedings, 2011. *IASLIC 28th All India Conference 2011 on Library vision 2020.* University of Kashmir, Srinagar, during October 10-13, 2011, p. 457-464. (ISSN : 09723668, Special Publication No. 51).
 19. PAL SINGH (Krishna) and PANIGRAHI (Pijushkanti). **Use of Electronic Reading Materials : A study of Readers perception in M. L. N. Medical College.** Conference Proceedings, 2010. *24th National Seminar of IASLIC 2010 on Reading habits in changing scenario & LIS education : emerging paradigm, challenges and vision.* Deen Dayal Upadhyay Gorakhpur University, Gorakhpur, during December 18-21, 2010, p. 111-120. (ISSN : 09723668, Special Publication No. 50).
 20. PANIGRAHI (Pijushkanti). **Some reflection on LIS Education in East India.** Conference Proceedings, 2010. *24th National Seminar of IASLIC 2010 on Reading habits in changing scenario & LIS Education : emerging paradigm, challenges and vision.* Deen Dayal Upadhyay Gorakhpur University, Gorakhpur, during December 18-21, 2010, p. 305-324. (ISSN : 09723668, Special Publication No. 50).
 21. NANDI (Ratna) and PANIGRAHI (Pijushkanti). **Availability of Indigenous Knowledge Resources for Users.** Conference Proceedings, 2009. *IASLIC 27th All India Conference on Library/Information users in Digital Era.* KIIT University, Bhubaneswar. During December 26-29, 2009, p. 69-75. (ISSN : 09723668, Special Publication No, 49).
 22. PANIGRAHI (Pijushkanti). **Need based Competence Building of LIS Professionals : An Analysis and Suggestive Measures with a Special Reference to IT Module of UGC Model Curriculum (2001).** *IASLIC XXIV All India Conference.* December 15-18, 2003. IASLIC, Kolkata and Survey of India, Dehradun; p. 457-464.
 23. PANIGRAHI (Pijushkanti) and DASGUPTA (Arjun). **Competency Development among Library Professionals in the Digital Era.** *IASLIC XXIV All India Conference.* December 15-18, 2003. IASLIC, Kolkata and Survey of India, Dehradun. p. 203-8.

24. MAJUMDAR (K) and PANIGRAHI (Pijushkanti). **Internet and e-Mail : A User Guide for Library Professionals.** *IMeL - 2002: the First National Conference on Information Management in e-Libraries (IMeL)*. February 26-27, 2002. Central Library, IIT, Kharagpur; p. 218-28.
25. PANIGRAHI (Pijushkanti). **Approaches of Information Services in Digital Library.** *CALIBER - 2001: the 8th National Convention on Creation and Management of Digital Resources*. February 15-16, 2001. INFLIBNET of University Grants Commission and the University of Pune, Pune. p. 338.
26. MAJUMDAR (K) and PANIGRAHI (Pijushkanti). **Hyperconvergence of User Services : A serious challenge and warning to Library Professionals.** *CALIBER - 2001: the 8th National Convention on Creation and Management of Digital Resources*. February 15-16, 2001. INFLIBNET of University Grants Commission and the University of Pune, Pune. p. 354.
27. PANIGRAHI (Pijushkanti). **Developing a LAN for University Library : A Proposal for the University of Kalyani.** One-day Seminar on Inter University Library Co-Operation and Networking. May 26, 2000. Central Library, University of Kalyani; Kalyani. p. 1-10.
28. PANIGRAHI (Pijushkanti). **Web Authoring and Information Services in University Libraries in India.** *CALIBER - 99 : the 6th National Convention on Academic Libraries in the Internet Era*. Feb 18-20, 1999. INFLIBNET of University Grants Commission and the Nagpur University, Nagpur; Nagpur. p. 423-37.
29. PANIGRAHI (Pijushkanti) and PAL (Sukanta). **Web Authoring for Library Professionals.** *First National Seminar on Information Technology Applications in Libraries and Information Centres*. March 24-25, 1998. Department of Library & Information Science, Vidyasagar University, Medinipur; Medinipur, West Bengal. Paper EE.
30. BASU (Asok) and PANIGRAHI (Pijushkanti). **Digital Library : A Challenge in Library and Information Services.** *CALIBER - 98 : the 5th National Convention on Information Management in Academic and Research Libraries*. March 4-5, 1998. INFLIBNET of University Grants Commission and the Utkal University, Bhubaneswar; Bhubaneswar. p. 330-4.
31. PANIGRAHI (Pijushkanti) and RATH (Durga Sankar). **Java for Internet: Object Oriented approach and possible application in Libraries.** *CALIBER - 97 : the 4th National Convention on IT Applications in Academic Libraries in India : with emphasis on Network Services & Information sharing*. March 6-8, 1997. INFLIBNET of University Grants Commission; Patiala. p. 142-3.
32. PANIGRAHI (Pijushkanti). **Software and Hardware Requirements for INFLIBNET.** *DRTC-INSDOC joint Annual Seminar on LIBRARY NETWORKS IN INDIA*. August 12-13, 1993. DRTC, Bangalore; Bangalore. p. Q1-13.
33. PANIGRAHI (Pijushkanti). **Information Searching from CD-ROM Databases.** *IASLIC XV Annual Seminar on INFORMATION RETRIEVAL Models and Techniques*. December 26-28, 1992, IASLIC, Kolkata; Annamalainagar, Madras. p. 71-4.
34. PANIGRAHI (Pijushkanti) and KANAKACHARY (M). **Automated Information Retrieval System in University Libraries.** *XXXVIII All India Library Conference on Information Technology*. November 19-21, 1992. Indian Library Association and Utkal University, Bhubaneswar; Bhubaneswar. p. 178-87.
35. PANIGRAHI (Pijushkanti) and PRASAD (A R D). **Computer Simulation: An Alternative to Case Studies?** *DRTC Annual Seminar on Library and Information Management*. August 7-9, 1992. DRTC, Bangalore; Bangalore. p. 1-12.

e) Other publications :

1. PANIGRAHI (Pijushkanti). **Developing and use of Digital Library for Technology based Learning.** *Proceedings of U G C Sponsored Workshop on Technology Enabled Teaching and Learning.* February 26-27, 2004. Barrackpore Rastraguru Surendranath College, Barrackpore, West Bengal. p. 61-79
2. PANIGRAHI (Pijushkanti), **Towards Computer Viruses : A tutorial on their detection and vaccination for library professionals.** *Phiree Dekha : a Scientific Publication published on the eve of One-day Seminar on Aeyi Shataker Granthagar Bijnan O Parisheba (i.e. Library Science and Services in this Century).* January 29, 2000. Department of Library and Information Science, University of Kalyani; Kalyani. p. 1-5.
3. PANIGRAHI (Pijushkanti). **Towards Desktop Publishing (DTP) and Information Services.** *GRANTHA - O - TATHYA '98 : a Scientific Publication published in the eve of Get Together.* 1998. Department of Library & Information Science, Vidyasagar University; Medinipur. p. 21-30.
4. PANIGRAHI (Pijushkanti), **Bibliographical Database Management System.** *SAMHATI '97 : a Scientific Publication, published in the eve of Get Together.* 1997. Department of Library & Information Science, Vidyasagar University; Medinipur. p. 21-30.
5. PANIGRAHI (Pijushkanti). **Towards Electronic Mail and Libraries.** *SAMHATI '96: a Scientific Publication published in the eve of Get Together.* 1996. Department of Library & Information Science, Vidyasagar University; Medinipur. p. 11-8.

12. Membership of Learned Societies:

Life Member of :

1. Bengal Library Association (BLA), P-134 C I T Scheme, No 52, Kolkata - 700 014
2. D R T C Alumni Association, Documentation Research and Training Center, Indian Statistical Institute, R V College - P O, Bangalore - 560 059.
3. Indian Association for Special Libraries and Information Centres (IASLIC), P-291 C I T Scheme, No 6M, Kankurgachhi, Kolkata - 700 054
4. Indian Association of Teachers in Library and Information Science (IATLIS)
5. Indian Library Association (ILA), A/40-41 Flat No 201, Ansal Buildings, Mukherjee Nagar, Delhi - 110 009
6. The Asiatic Society, 1, Park Street, Kolkata, West Bengal

13. Invited Lectures :

(A select list)

1. Delivered a 'Invited lecture' on **Digital Scholarship** in the U G C Sponsored National Seminar **Digital Scholarship** Organized by the. Department of Library and Information Science, Central University of Tamilnadu on March 13, 2020
2. Delivered a 'Invited lecture' on **Social Networking in Public Libraries** in the U G C Sponsored National Seminar **Social Networking in Libraries** Organized by the. Department of Library and Information Science, Mizoram University on February 27, 2020
3. Delivered a lecture on **Metadata** in the U G C Sponsored Refresher Course on **Modernization of Library work and services.** Organized by the. Department of Library and Information Science, Mizoram University on April 9-10, 2013
4. Delivered lectures on **Open Source Software and KOHA** organized jointly by IASLIC, Kolkata and ITER SOA University, Bhubaneswar, March 11-13, 2013

5. Delivered a lecture on **Automatic Classification** in the U G C Sponsored Refresher Course on **Modernization of Library work and services**. Organized by the. Department of Library and Information Science, Manipur University on October 17, 2012
6. Delivered a lecture on Trend of LIS Research in India in Refresher Course in Library and Information Science, Jadavpur University 2012
7. Delivered a lecture on **Application of Artificial Intelligence in Libraries** in the U G C Sponsored Refresher Course on **Use of ICT in Academic Libraries** Organized by the. Department of Library and Information Science, Sambalpur University on September 20-21, 2012
8. Delivered a lecture on **Knowledge Representation for Social Sciences Resources** in the ICSSR Sponsored national workshop on **“Expansion in Developing and Organising Digital Information Resources** Organized by the. BITS, Mesra, Ranchi on September 26, 2012
9. Delivered Lectures on **DSpace for Institutional Repository** jointly organized by B K B College, Naogaon, Assam, March 11-13, 2012
10. Delivered **Keynote Address** during the UGC sponsored National Seminar on **Open Access to Information** organized by Department of Library and Information Science, Rabindra Bharati University, Kolkata during February 14, 2012
11. Delivered **Valedictory Speech** during the UGC sponsored National Seminar on Tagorean Concepts and Library Services organized by K D College of Commerce, Medinipur during December 17-18, 2011.
12. Delivered **Valedictory Speech** during the UGC sponsored National Seminar 2011 on LIS Education in India organized by Department of Library and Information Science, Vidyasagar University, Medinipur during December 11-12, 2011
13. Delivered *Dr H Atulchandra Memorial Lecture 2011* on the topic **Glorious Hundred Years of LIS Education in India** on 10th September, 2011 at the Senate hall, Manipur University, Imphal on the eve of 114th Birth Anniversary of Dr H Atulchandra Singh and organised by Manipur Library Association, Imphal. 2011
14. Delivered lectures on (i) **Dublin Core Metadata Initiatives** and (ii) **Web Resources for Better Services** in the U G C Sponsored Refresher Course on **“Academic Library Management”** jointly with the Academic Staff College at the Department of Library and Information Science, NEHU, Shillong during June 20-24, 2011
15. Delivered lectures in the U G C Sponsored Eighth Refresher Course on **“ICT Applications in Academic Library Management”** jointly with the Academic Staff College at the Department of Library and Information Science, University of Calcutta, Kolkata during February 19 - March 12, 2010
16. Delivered a lecture on **Semantic Web in Digital Content Management** in the U G C Sponsored First National Seminar on **Content Development for Information Society**. Organized by the. Department of Library and Information Science, University of North Bengal, Siliguri on February 8, 2008.
17. Delivered an ‘Invited Talk’ on **Towards Semantic Web a better way of Knowledge Organization and Management on the Web** in the Tata Consultancy Service (TCS), Salt Lake, Kolkata on January 08, 2008.
18. Delivered a lecture on **DCMI for Web Resources and its use in Libraries** in the U G C Sponsored Sixth Refresher Course on **Dynamic Role of Academic Libraries in Digital Era** Organized by the Academic Staff College at the Department of Library and Information Science, University of Calcutta, Kolkata during September 06-26, 2007.
19. Delivered two lectures on (i) **Metadata with Special Reference to Dublin Core Metadata Initiatives** and (ii) **Use of RFID in Libraries** in the U G C Sponsored Twentieth Refresher Course

- on **Academic Library Management in The Changing Environment** Organized by Academic Staff College at the Department of Library and Information Science, Jadavpur University, Kolkata during August 21 to September 11, 2007.
20. Delivered a lecture on **Electronic Library and Digitisation in the U G C Sponsored Seminar on Information Technology: Applications and Opportunities** Organized by Lady Brabourne College, Kolkata during November 23-24, 2006.
 21. Delivered a lecture on **Knowledge Representation Models** in the **Retraining of University and College Teachers** under the *U G C Sponsored University with potential for Excellence Scheme on Knowledge Management* Organized by the Department of Library and Information Science, Jadavpur University, Kolkata during January 12-13, 2006.
 22. Delivered lectures on **Open Sources and Open Archives** in the U G C Sponsored Nineteenth Refresher Course on **Management of Digital Information Resources** Organized by Academic Staff College at the Department of Library and Information Science, Jadavpur University, Kolkata during August 30 to September 19, 2005.
 23. Delivered a lecture on **Use of Data Exchange and MARC 21** in the **Workshop cum Training on Exchange Format and MARC 21** organized by the *Bengal Library Association, P 134, CIT Scheme 52, Kolkata – 700 014* during May 30, 2005 to June 10, 2005 held at *Bengal Library Association, Kolkata*.
 24. Delivered a lecture on **Use of Internet in University Libraries** in the UGC Sponsored IRTPLA (INFLIBNET Regional Training Program on Library Automation) organized by Central Library, Kalyani University and INFLIBNET Centre, Ahmedabad during April 04-08, 2005 held at Central Library, Kalyani University, Kalyani.
 25. Delivered lecture on **Role of Rural Libraries for Development of Common People in the Present Socio Economic Situation (Bartaman ArthaSamajic Prekshapatey Sarbastarer Manusher Kachhe Gramin Granthagarer Bhumika and Unyan Bhabna)** in the Golden Jubilee Year Celebration of Bahitrukunda Purbachal Janakalyan Sangha Pathagar, Marishda, Contai, Purba Medinipur, West Bengal during December 22-28, 2004.
 26. Delivered lecture on **Digital Library : The Mission for the near Future** in the UGC Sponsored Seminar on **Automation and Networking of College Libraries of West Bengal in the changed IT Environment** organized by Moulana Azad College, Kolkata during March 13-14, 2004
 27. Delivered lecture on **Developing and use of Digital Library for Technology based Learning** in the U G C Sponsored Workshop on **Technology Enabled Teaching and Learning** Organized by Barrackpore Rastraguru Surendranath College, Barrackpore, West Bengal February 26-27, 2004
 28. Delivered lecture on **Developing Natural Language Processing Based Intelligent System** in the U G C Sponsored First Refresher Course on Current Trends in Library and Information Science Organized by Academic Staff College at the Department of Library and Information Science, Vidyasagar University, Medinipur, West Bengal during January 12 to February 09, 2004
 29. Delivered lectures on (i) **Designing and Maintenance of Database for Information Storage and Retrieval** and (ii) **The Emergence of the Open Archives Initiative** in the U G C Sponsored Seventeenth Refresher Course on Library Automation and Networking Organized by Academic Staff College at the Department of Library and Information Science, Jadavpur University, Kolkata during August 20 to September 12, 2003.
 30. Delivered a lecture in the **270th Study Circle** meeting of the IASLIC as an invited Speaker on **Scope of adopting Information Technology Module in LIS Syllabus: A UGC Model Curriculum Approach** organized by IASLIC at the office of the IASLIC, Kolkata on April 24, 2003.
 31. Delivered lectures on **Database Management System to Maintain Bibliographical Databases: Some Important Issues** in the U G C Sponsored Sixteenth Refresher Course on Library

Automation and Networking Organized by Academic Staff College at the Department of Library and Information Science, Jadavpur University, Kolkata during June 12 to July 01, 2002.

32. Delivered lectures on *MARC21: an Exchange Format for Bibliographic Information* in the INFLIBNET Sponsored First Regional Refresher Course on *SOUL : Software for University Libraries* organized by the Central Library, University of Calcutta at the Central Library, Centenary Building, University of Calcutta, 87/1 College Street, Kolkata - 700 073 during October 05-08, 2001.
 33. Delivered lectures on (i) *An Introduction to Artificial Intelligence based Automatic Classification* and (ii) *Implementation of Local Area Network in Academic Libraries for betterment of Services: a proposed model* in the U G C Sponsored Third Refresher Course on Academic Library Management in new millennium Organized by Academic Staff College at the Department of Library and Information Science, University of Calcutta, Kolkata during September 04 - 25, 2001.
 34. Delivered lectures on *Automatic Classification: An Introduction towards Artificial Intelligence Approach* in the U G C Sponsored Refresher Course on Computerized Information Processing and Retrieval Organized by Academic Staff College at the Department of Library and Information Science, Jadavpur University during August 21 to September 10, 2001.
 35. Delivered lecture as one of the invited Speaker on *Developing a LAN for University Library: A Proposal for the University of Kalyani* in One-day Seminar on Inter University Library Co-Operation And Networking organized by the Central Library, University of Kalyani, Kalyani, Nadia and held on May 26, 2K.
 36. Delivered lectures on *An Artificial Intelligence approach towards Automatic Classification* in the U G C Sponsored Refresher Course on Modernization in Library and Information Services Organized by Academic Staff College at the Department of library science, Calcutta University on March 02, 2K.
 37. Delivered lectures on *An Natural Language Processing Approach towards Automatization of Analytico Synthetic Classification System* in the U G C Sponsored Refresher Course on Computerized Information Processing Organized by Academic Staff College at the Department of Library and Information Science, Jadavpur University, Kolkata during February 04-05, 1999.
 38. Worked as one of the Faculty members (Part time) to deliver lectures on Programming *Language C* for the *Post Graduate Diploma in Computer Application (PGDCA) course* (evening) Conducted by the Extension Center, Vidyasagar University, Medinipur (W B)} since December, 1997 to February, 1999.
 39. Delivered lectures on (i) *Computer: an overview*; (ii) *MS DOS: a disk operating system* and (iii) *CDS/ISIS: a DBMS package for Library and Information Services* in the Workshop on Computer - aided Library and Information Systems and use of CDS/ISIS software package Organized jointly by the Department of Library and Information Science, Vidyasagar University, Medinipur (W B) and IASLIC under the Manpower Development Program of NISSAT, DSIR, Govt of India} during March 06 - 18, 1995.
 40. Delivered lectures on *Computerized Indexing and Clustering Techniques* in the Workshop on Indexing Systems Organized by IASLIC under the Manpower Development Program of NISSAT, DSIR, Govt of India during September 1 - 30, 1993.
 41. Worked as an Instructor for DRTC-NISSAT short-term training course on **Computer Application to Library and Information Work** for 11th and 12th Courses sponsored by NISSAT-DSIR Organized by Documentation Research and Training Center, Indian Statistical Institute, Bangalore, 1992. Duration of this course is six weeks and the Participants were senior professionals in the field of Library and Information Science including University Teachers.
14. **Other notable activities :**
(Academic and Professional Activities)

- Member, Continuing Professional Development and Workplace Learning(CPDWL), IFLA(International Federation of Library Associations and Institutions, Netherlands (2011-2015)
- General Secretary, IASLIC, Kolkata (2011- 2016)
- Associate Editor, IASLIC Bulletin, a reputed Journal of Library and Information Science. (2003 onward)
- Member of IASLIC Council (2006 -).
- Member Executive & Finance Committee, IASLIC (2008 -).
- Joint Secretary, IASLIC, Kolkata (2008-2010)
- Convener, Education Division, IASLIC, Kolkata. (2006-2010)
- Member, Council of BLA, Kolkata (2016-)
- Member, LIS Training Committee, BLA, Kolkata
- Member, Computer Training Program Committee, BLA, Kolkata
- Member, Library Committee, The Asiatic Society, Kolkata (upto 2013)
