



UNIVERSITY OF CALCUTTA

Faculty Academic Profile / Curriculum Vitae

1. Name & Designation: Dr Pijushkanti Panigrahi, Professor



2. Affiliation: Professor, Dept of Library and Information Science, 3rd Floor Asutosh Building, University of Calcutta & **Former Dean**, Faculty Council for PG Studies in Education, Journalism and Library Science, University of Calcutta, 87/1 College Street, Kolkata 700 073

3. Awards and Honours:

- **Shiksha Ratna 2019 Award** by the Department of Education, Government of West Bengal on **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

4. Teaching Experiences & Specialisation:

More than 17+ years of experience as Professor

- **Professor** **University of Calcutta** **February 26, 2007** **till the date**
- Reader University of Calcutta September 05, 2001 to February 25, 2007
- Reader University of Kalyani February 26, 1999 to September 04, 2001
- Senior Lecturer Vidyasagar University October 01, 1997 to February 25, 1999
- Lecturer Vidyasagar University September 30, 1992 to September 30, 1997

4A. Specialisations: Applications of Artificial Intelligence, Natural Language Processing (NLP), Expert Systems in LIS; Knowledge Representation Model for Knowledge Organisation; Digital Libraries and related Technologies, Internet Applications in Information Services, Metadata and Information Retrieval.

5. Academic Qualifications:

Degrees	Universities/Institutes
B Sc (Hons)	University of Calcutta
M Sc in Applied Mathematics.....	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, Bangalore
Ph D in LIS	Vidyasagar University

6. Contact information:

- Present Address 01 : Flat No. A1, SAYAR BITAN, (Jadavpur Cooperative Society) 3312 Nayabad Avenue, PO – Mukundapur, Kolkata 700094
(Address 02 : Qtr No. B296, Indian Institute of Technology, Kharagpur – 721 302)
- Permanent Address: Vill + PO – Barabantalia, PS-Junput Coastal, Dist - Purba Medinipur, PIN 721450
- Email : pkplis@caluniv.ac.in
- Cell no. : +91 9434243522

7. Positions Held/ Holding and Experiences:

7A. 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, **Syndicate**, University of Calcutta (June 22, 2015 - January 09, 2020)
- Member, **Court, Banaras Hindu University, (Visitor’s Nominee)** (2016-2021)
- Member, M Phil Committee in LIS, University of Calcutta (2012-2021)
- **Convenor**, Ph D Research Advisory Committee in Journalism & Mass Communication (**Ph D RAC in JMC**), 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**, University of Calcutta (Nov 2015 –July 2017)
- Member, **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 - June 14, 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, PG Studies Committee**, Women’s College Calcutta, Baghbazar, Kolkata (2017-2022)
- External Expert Member, Higher Research Committee (**HRC**) - Rabindra Bharati University
- 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) and (2018-2020)
- Member (External Expert), **Board of Studies** in LIS, Bhagalpur T M University (2011-13) and (2016-2019); Burdwan University (2015-2018)
- External Expert Member, Board of PG Studies (**BPGS**) - Gangadhar Meher University, Sambalpur (2019- 2023);
- Member (External Expert), Board of PG Studies (**BPGS**) - 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)
- Member, Continuing Professional Development and Workplace Learning (**CPDWL**), **IFLA** (International Federation of Library Associations and Institutions, Netherlands (2011-2015)
- General Secretary, **IASLIC** (Indian Association of Special Libraries and Information Centres) (January 2011- December 2013, January 2013- December 2016)

7B. Positions holding

- **Member, Senate**, University of Calcutta (June 22, 2015- till date)
- **Convenor**, Ph D Research Advisory Committee in Library & Information Science (**Ph D RAC in LIS**), University of Calcutta (2015- till date)
- **Head**, Department of Journalism and Mass Communication, University of Calcutta (November, 2015- till date)
- **Secretary** (Acting), **UCAC**, Faculty Council for PG Studies in Arts, Commerce and Business Studies, University of Calcutta (August 20, 2021 - till date)

- **Secretary** (Acting), Faculty Council for PG Studies in **Education, Journalism and Library Science**, University of Calcutta (May 2018 - till date)
- **Member, Admission Regulations Committee (NEP 2020)** for Under Graduate Programs in Affiliated Colleges of University of Calcutta (June 2023- till date)
- **Chairman**, Board of P G Studies (**PBGS**) in Journalism and Mass Communication, University of Calcutta (November, 2015- till date)
- **Member**, Guidelines Revision Committee, **Board of Discipline**, University of Calcutta (November 2023 - till date)
- **Member, Ph D Research Advisory Committee (PhD RAC)** in Journalism & Mass Communication, University of Calcutta (November 2015- till date)
- **Member, IGNOU – LIS Expert Committee**, Discipline of Library and Information Science, School of Social Sciences, Indira Gandhi National Open University (**IGNOU**) (2023 - till date)
- **Member, Shodh-Chakra 2.0 Development Committee**, IRINS (Indian Research Information Network System) Division, Information and Library Network (**INFLIBNET**) Centre, an Autonomous Inter University Centre of **University Grants Commission (IUC-UGC)**, Ahmedabad (December 2023- till date)
- **Nodal Officer (CU), Banglar Uchcha Shiksha Portal**, Dept of Higher Education, Govt of West Bengal (April 2022 - till date)
- **Nodal Officer (CU), Central UG Admission Portal**, Dept of Higher Education, Govt of West Bengal (February 2024 - till date)
- **External Expert Member**, Internal Quality Assurance Cell (**IQAC**) Committee in LIS - Rabindra Bharati University (2020- till date)
- **External Expert Member**, Departmental Research Committee (**DRC**) – Gauhati University, Jadavpur University
- **External Expert Member**, Board of PG Studies (**BPGS**) in Media Management – **IISWBM**, Kolkata (January 2023- till date);
- **Member, Technical Advisory Committee**, Computer and Communication Sciences Division, Indian Statistical Institute (**ISI**), Kolkata (2018- till date)
- **Member (Calcutta University Nominee)**, Governing Body, Matiaburj College, Kolkata (January, 2022- till date).
- **Member (Calcutta University Nominee)**, Governing Body, Government Girls' General Degree College, Ekbalpur, Kolkata (January, 2022- till date).
- **Editor, IASLIC Bulletin** (A leading peer reviewed/referred Indian Journal of Indian Association of Special Libraries and Information Centres (IASLIC) in the field of Library and Information Science published since 1956 with ISSN 0018-8441, A UGC CARE list Journal) (2017- till date)
- **Editor, IASLIC Special Publication** (A leading peer reviewed annual publication of Indian Association of Special Libraries and Information Centres (IASLIC) in the field of Library and Information Science published since 1956 with ISSN 0972-3668 (2011- till date)
- **Member**, International Editorial Board (English Section), Librarygee Eehou: **MALA International Journal of Library Movement** (A bilingual peer reviewed Journal of Manipur Library Association (MALA) in the field of Library and Information Science published since 1988 with ISSN 2349-1833 (P)) (2021- till date)
- **Member**, Editorial Board, **Kelpro Bulletin** (A peer reviewed and UGC CARE listed Journal of Kerala Library Professionals Organisation (KELPRO) in the field of Library and Information Science published since 1997 with ISSN 09754911(P), (2013- till date)

7C. Visiting Scientist/Fellow

- Worked as **Visiting Scientist** to the Documentation Research and Training Centre, Indian Statistical Institute, Bangalore during March, 2012
- Worked as **Visiting Fellow** to the Department of Library and Information Science, University of North Bengal during February, 2008

7D. TV Talks

- Dooradarshan Kolkata: DD Bangla: **Live-in Program on Career Plus** : New avenues for Librarianship profession (Talk and interactions in Bengali) : 26..09.2019 duration 4pm-4:30pm
- Dooradarshan Kolkata: DD Bangla: **Live in Program on Career Plus** : Future Prospects for Library Science Students (Talk and interactions in Bengali) : 27..09.2018 duration 4-5pm

8. Research Domain

8A. Researcher IDs

- a) ORCID : 0000-0002-5340-7512 b) SSRN: 3613026
- c) SCOPUS Author ID : 57192189930 d) Vidwan ID : 59541
- e) Google Scholar: PK6D3TIAAAAJ f) WoS Researcher ID : GNW-5566-2022

8B. Broad areas of Research Interests

- 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 customisation 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 (22), Ph D (12)

Number of researchers pursuing M.Phil / Ph.D : 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) In 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. SAHOO (Satyabrata), PRAMANIK (Surapati) and PANIGRAHI (Pijushkanti). **SVNN-Entropy Weighting Strategy (SVNN-EWS) for Popularity Ranking Factors in Library and Information System: A Neutrosophic Framework.** *College Libraries*, Vol.38, No. 1; 2023. p88-102. (ISSN:0972-1975)
2. 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)
3. DAS (Anamika) and PANIGRAHI (Pijushkanti). **Efficacy of the Guidelines for preparation of SLMs in Indian Open and Distance Learning Institutes: a study of Library and Information Science courses** *RBU Journal of Library and Information Science, Rabindra Bharati University*. Vol. 22, 2020. p. 59-71. (ISSN : 0972-2750).
4. KABIR (Sk Nausad) and PANIGRAHI (Pijushkanti). **Application of Lotka's Law in the Broiler Research Literature.** *RBU Journal of Library and Information Science, Rabindra Bharati University*. Vol. 22, 2020. p. 126-31. (ISSN : 0972-2750).
5. 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)]
6. 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).

7. 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).
8. 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).
9. 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 (JLICIT).* Vol. 7, No. 1, June, 2018, p.20-28. [ISSN : 0975-2404 (Online) ISSN: 0972-5423 (Print)].
10. 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 : Investigation and Analysis).** *Granthagar.* Vol. 68, No.7; October, 2018, p.8-16. (ISSN : 0017-324X).
11. 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).
12. 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)]
13. 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).
14. 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)]
15. 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).
16. 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).
17. 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)].
18. 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)].

19. 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)].
20. 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)
21. 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).
22. 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)
23. 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).
24. 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).
25. 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).
26. 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).
27. 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).
28. 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).
29. 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)
30. 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)
31. 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)].
32. 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)].
 33. 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)]
 34. 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)].
 35. 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)].
 36. 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)].
 37. 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)].
 38. 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)].
 39. 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).
 40. 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).
 41. 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)].
 42. 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).

43. PANIGRAHI (Pijushkanti). **Logic Programming for Automatic Classification.** *IASLIC Bulletin*, Vol 48; No 2, June; 2003. p. 83-98. (ISSN : 0018-8441).
44. 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
45. 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).
46. 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).
47. 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)
48. 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)
49. 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)
50. 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) In Conference/ seminar volumes:

➤ **International**

1. DAS BISWAS (Mayuri) and PANIGRAHI (Pijushkanti). **Designing a sustainable data life cycle for research data services in libraries.** *International Library Information Professionals Summit (I-LIPS) on New and Innovative Libraries in Digital Era : Services and Practices*. Galgotias University, Delhi, during April 13-15, 2023. p. 10-18. (ISBN : 978 81 958340 4 4).
2. SAHOO (Satyabrata), PANIGRAHI (Pijushkanti) and PRAMANIK (Surapati). **Assign weights to ranking factors under group popularity for library and information system based on the CRITIC strategy.** *International Library Information Professionals Summit (I-LIPS) on New and Innovative Libraries in Digital Era : Services and Practices*. Galgotias University, Delhi, during April 13-15, 2023. p. 390-7. (ISBN : 978 81 958340 4 4).
3. 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

4. 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
5. 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).
6. PANIGRAHI (Pijushkanti). **Semantic Web: a better way of Knowledge Organization and Management on the Web.** *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. 598-608
7. 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.
8. 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.
9. 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.
10. 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.)
11. 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. PATRA (Prajot Kumar) and PANIGRAHI (Pijushkanti). **পশ্চিমবঙ্গের সরকারি বস্ত্রবয়ন প্রযুক্তি মহাবিদ্যালয়ে অতিমারিতে অবিচ্ছেদ্য গ্রন্থাগার পরিসেবা ঃ অভিজ্ঞতাভিত্তিক আলোচনা (= Uninterrupted Library Services during Pandemic in West Bengal Govt Textile Colleges : An experienced-based discussion).** Conference Proceedings, 2019.

- BLA 54th All Bengal Conference 2023 on (i) West Bengal Public Libraries Act and its amendments, (ii) Library Services during Pandemic, (iii) Problems of different types of libraries..* February 24-26, 2023. Lokosanskriti Bhaban, Panihati, North 24 Pgs. Bengal Library Association, Kolkata. p40-3.
2. SAHOO (Satyabrata) and PANIGRAHI (Pijushkanti). **কোভিড-১৯ মহামারী চলাকালীন মোবাইল প্রযুক্তিভিত্তিক লাইব্রেরী পরিসেবা** (= Mobile Technology based library services during COVID 19 Pandemic). Conference Proceedings, 2019. *BLA 54th All Bengal Conference 2023 on (i) West Bengal Public Libraries Act and its amendments, (ii) Library Services during Pandemic, (iii) Problems of different types of libraries..* February 24-26, 2023. Lokosanskriti Bhaban, Panihati, North 24 Pgs. Bengal Library Association, Kolkata. p56-60
 3. ROY (Sanjukta) and PANIGRAHI (Pijushkanti). **পশ্চিমবঙ্গের বনগাঁ মহকুমায় জনগ্রন্থাগার ব্যবস্থা ও সম্প্রদায় ভিত্তিক তথ্য পরিসেবা ঃ বর্তমান সংকল্প ও সম্ভাব্য সমাধান** (= Public Library System and Community based Information services in Bangaon Sub-division of West Bengal : Present Problem and Future Solution). Conference Proceedings, 2019. *BLA 54th All Bengal Conference 2023 on (i) West Bengal Public Libraries Act and its amendments, (ii) Library Services during Pandemic, (iii) Problems of different types of libraries..* February 24-26, 2023. Lokosanskriti Bhaban, Panihati, North 24 Pgs. Bengal Library Association, Kolkata. p127-30
 4. 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, IASLIC Special Publication (Serial) Volume No. 58).
 5. 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, IASLIC Special Publication (Serial) Volume No. 58).
 6. 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).
 7. 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).
 8. 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).

9. 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, IASLIC Special Publication No. 56).
10. 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, IASLIC Special Publication No. 56).
11. 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, IASLIC Special Publication No. 55).
12. 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, IASLIC Special Publication No. 55).
13. 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, IASLIC Special Publication No. 54).
14. 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, IASLIC Special Publication No. 54).
15. 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, IASLIC Special Publication No. 54).
16. 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, IASLIC Special Publication No. 54).

17. 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, IASLIC Special Publication No. 54).
18. 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, IASLIC Special Publication No. 53).
19. 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, IASLIC Special Publication No. 52).
20. 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, IASLIC Special Publication No. 52).
21. 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, IASLIC Special Publication No. 51).
22. 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, IASLIC Special Publication No. 50).
23. 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, IASLIC Special Publication No. 50).
24. 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, IASLIC Special Publication No, 49).
25. 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.

26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.
32. 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.
33. 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.
34. 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.
35. 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.
36. 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.

37. 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.
38. 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.

c) **Books :**

1. BANDYAOPADHAYA(Ratna) and PANIGRAHI (Pijushkanti). **আধুনিক সূচীকরণ** (= 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)

d) **Book chapters:**

1. PANIGRAHI (Pijushkanti) and ROUT (Rosalien). **ICTs vis-à-vis OPAC in Libraries: A Trend Study in Higher Education Institutions in Odisha.**
2. 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)
3. 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).

4. 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)
5. 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).
6. 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.
7. 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).
8. 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).
9. 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).
10. PANIGRAHI (Pijushkanti). **Computerised Indexing and Clustering Techniques.** *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).
11. 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.
12. 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).
13. 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).
14. 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)

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. **Invited Lectures:**

(A selected list)

1. Delivered two lectures on (i) **Librarianship As A Profession: Professional Ethics and Responsibilities of Librarians** and (ii) **Social Media in Academic Librarianship: Challenges and Issues** on 23rd February 2024 in the U G C Sponsored Online Refresher Course in Library and Information Science on Smart Librarianship. Organized by the UGC Malaviya Mission Teachers Training and the Department of Library and Information Science, Dr Babasaheb Ambedkar Marathwada University, during February 12-26, 2024.
2. Delivered one lecture on **Research and Literature Search** on 16th February 2024 in the **National Workshop on Research Methodology and Intellectual Property Rights** Organized by the. Department of Journalism and Mass Communication, Asutosh College of the University of Calcutta and Dr Shyama Prasad University Ranchi during February 16-17, 2024.
3. Delivered **Keynote Address** during the **International Conference on Recent Trends in Information Management: Issues and Challenges** organized by Central Library Yogoda Satsangha Palpara Mahavidyalaya in collaboration with West Bengal College Librarians Association, Kolkata during June 29, 2023
4. Delivered two lectures on (i) **Responsibility and ethics in LIS** and (ii) **Ranganathan and Dewey in Hierarchical Classification** on 17th October 2023 in the U G C Sponsored Refresher Course Library and Information Science on **Learning Outcomes and Competencies.** Organized by the. Department of Library and Information Science, Mizoram University on October 7-20, 2022.
5. Delivered 'Invited lecture' on **Ranganathan's Approach to Library Training** in Commemorating 50 years since the passing away of Padma Shri Dr. S R Ranganathan (Starting from 27th September 2021 to 27th September 2022) Organized by the. Department of Library and Information Science, Central University of Haryana on **Ranganathan's Approach to Library Training and Modern-Day Requirement** On 27th April 2022

6. Delivered a lecture on **LIS Education vis-a-vis Librarianship Profession in the Present day Context** on 9th March 2021 in the U G C – Human Resource Development Centre Refresher Course Library and Information Science on **Library and Information Services in Digital Age**. Organized by the. Department of Library and Information Science, North Bengal University during March 02-15, 2021.
7. Delivered a lecture on **Search Techniques in Digital Environment** on 10th January 2021 in the U G C – Human Resource Development Centre sponsored Refresher Course Library and Information Science on **Information Retrieval in the Google** Organized by the. Department of Library and Information Science, Pondicherry University during January 06-19, 2021.
8. Delivered a Keynote Address on **Innovative Library Services : Normal to Newnormal** on 28th December 2020 in the U G C – Human Resource Development Centre sponsored Refresher Course Library and Information Science on **Innovative Library Services in Changing Environment**. Organized by the. Department of Library and Information Science, Gauhati Bengal University during December 28, 2020 – January 10, 2021.
9. Delivered ‘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
10. Delivered ‘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
11. Delivered ‘Invited Lecture’ on **Role of Librarians in Research Data Management using AI Technique** on 29th November 2019 in the 12th International CALIBER 2019 on **Library 2030: Moving towards Smart Technologies, Services and Resources**. Organized by the. INFLIBNET Centre, Ahmedabad, Gujarat at KIIT Bhubaneswar, Odisha during November 28-30, 2019.
12. 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
13. Delivered lectures on **Open Source Software and KOHA** organized jointly by IASLIC, Kolkata and ITER SOA University, Bhubaneswar, March 11-13, 2013
14. 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
15. Delivered a lecture on Trend of LIS Research in India in Refresher Course in Library and Information Science, Jadavpur University 2012
16. 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
17. 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
18. Delivered Lectures on **DSpace for Institutional Repository** jointly organized by B K B College, Naogaon, Assam, March 11-13, 2012

19. 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
20. 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.
21. 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
22. 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
23. 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
24. 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
25. 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.
26. 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.
27. 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.
28. 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.
29. 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.
30. 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.
31. 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.

32. 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*.
33. 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.
34. 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.
35. 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
36. 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
37. 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
38. 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.
39. 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.
40. 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.
41. 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.
42. 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.

43. 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.
44. 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.
45. 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.
46. 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.
47. 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.
48. 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.
49. 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.
50. 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.

13. 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

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)
