# APPENDIX-1

## COMPARATIVE STUDY OF DIFFERENT METHODS USED IN DIFFERENT UNIVERSITIES OF INDIA IN PERSPECTIVE OF COLLECTION DEVELOPMENT POLICIES

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APPENDIX- 2A
CALCUTTA UNIVERSITY LIBRARY BUDGET
NON-PLAN GENERAL FUND

(Source: Annual Budge Reports, C.U. of following years and ledger file of non-plan general fund, acquisition deptt., central library, C.U.

'x' means non-availability of data

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## APPENDIX- 2A
CALCUTTA UNIVERSITY LIBRARY BUDGET
NON-PLAN GENERAL FUND

(Source: Annual Budge Reports, C.U. of following years and ledger file of non-plan general fund, acquisition deptt., central library, C.U.)

'x' means non-availability of data

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## APPENDIX- 2B

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(Source: Ledger file, WBGG of Acquisition deptt, Central library)

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APPENDIX- 2B.1
WEST BENGAL GOVERNMENT GRANT: NUMBER OF BOOKS PURCHASED IN DIFFERENT YEARS

(Source: Ledger file, WBGG of Acquisition deptt, central library, C.U.)
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## APPENDIX- 2C.1

UGC IX TH PLAN - CALCUTTA UNIVERSITY LIBRARY SYSTEM : DIFFERENT ALLOTMENT
1997-98 TO 2001-2002

(Source: Ledger file (UGC IXth Plan) of Acquisition deptt, central library, C.U.)

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APPENDIX- 2C.2

UGC IX th PLAN - OVER ALL VIEW IN DIFFERENT SUBJECT CATEGORIES

(Source: Ledger file (UGCIXth Plan) of Acquisition deptt, central library, C.U)

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APPENDIX- 2C.3

UGC IXTH PLAN PERIOD IN DIFFERENT DEPARTMENTS OF CALCUTTA UNIVERSITY LIBRARY SYSTEM

(Source: These installments only are found through Ledger file (UGC IXth Plan) of Acquisition deptt., central library, C.U.)

'x' means non-availability of data

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APPENDIX- 2D.1

UGC_XTH PLAN (Science): 1st Installment

[Data observed through ledger book of UGC XTH Plan Period, Acquisition deptt., Central Library]

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303
APPENDIX- 2D.2

UGC XTH PLAN (Science): 2nd Installment

[Data observed through the ledger of UGC Xth plan period, Acquisition Department, Central Library, C.U.]

TOTAL Grant for Science Departments: Rs. 10,00,000.00

Central library = 30 books purchased

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APPENDIX- 2D.3
UGC XTH PLAN (Science): 3rd installment

[Data observed through Ledger file (UGC - Xth Plan Period of Acquisition deptt, central library, C.U.)]

TOTAL GRANT: Rs. 5,00,000.00

Central library: 20 books purchased

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### APPENDIX- 2D.4

**UGC Xth PLAN (Technology)**

[Data observed through the ledger of UGC Xth Plan Period, Acquisition Section, Central Library, C.U.]

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APPENDIX- 2D.5
UGC Xth PLAN _ HUMANITIES AND SOCIAL SCIENCE

[Data observed from the ledger file (UGX Xth Plan) of Acquisition deptt, central library, C.U]

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### APPENDIX- 2E

**BUDGET FOR PRINT JOURNALS**

*Calcutta University Library System*

[Data collected from Master Index for Subscribing Journals from Journal Section, Central Library, C.U.]

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**SUBSCRIPTION STATUS OF PRINT JOURNALS (Categorically)**

*as sample surveyed from the Master Index of print journals, central library, C.U. (Print journal section), C.U.*

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Average Use -2001, 2002, 2003 (11-6p.m.): 163, 180, 178

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322
## APPENDIX-3E

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423
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'Visits' means —"when someone visits our site";

'Page View' —"occurs each time a visitor views a webpage on our site"

'Hit' refers to — "each file sent to a browser by a webserver".

[ as found in : Tapan Kumar Mukherjee. Budget Address, (Kolkata: University of Calcutta, 2008), 5 ]

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APPENDIX- 4
INTER LIBRARY LOAN FACILITY

(*data observed through ill register sample from circulation deptt, central library, c.u.)*

It is observed by studying different campus libraries and central library that more or less 112 number of ILL has been done yearly though the Calcutta university library system. Actually, maximum amount of books are taken as ILL from and to different campus or departmental libraries. Even the central library is included here.

The ILL system elaborates the wanted titles and the decision of taking those books as for purchased item or not.

For example, the central library is too keeping the record khata of ILL wherefrom I have got the names of wanted titles which are taken from outside library: the national library.

Here 84 books upto 14.02.2008 have been interloaned through central library.

Examples are:

1. Lexical Innovation: A Study Of Slang Colloquialism / K Slang : From National Library
2. Popular Culture In Early Modern Europe / Burkle Peter (1978) : From National Library
4. Imaging Religion: From Babylon To Jonestown/ Jonathan Smith From National Library
6. The Sikh Gurus And The Sikh Society/ Niharranjan Ray : From National Library
7. Agricultural Extension: A Field Study / A Mukhopadhyay : From National Library
8. Open Learning System In India/ S K Gandhi : From National Library

all these study helps create an evaluative value of interlibrary loan demand of in house users of this university library system- whether to be purchased or for just their little use, kept for resource sharing – think of it?
**APPENDIX-5**

**REPROGRAPHY: A VIEW**

Number of books issued for reprography division and books issued to users in reading hall, central library, Calcutta University Library System a sample survey (through reading hall slips for users)

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APPENDIX-6

SURVEY OF THE USERS OF CALCUTTA UNIVERSITY LIBRARY SYSTEM

Blank spaces mean inadequate data through survey of uses (data collected through questionnaire)

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(random sample survey)

LAST CHECKED April, 2008

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APPENDIX-8a

SAMPLE QUESTIONNAIRE

University Library Survey

1. Name of the University :

2. Do you have a collection development policy in force? If so,
   
   A) When it was first written?
      (i) Before 80s  (ii) 80s  (iii) 90s  (iv) any recent year
   
   B) Do you follow any standard guideline – ALA guideline or LA? Or any other national standard? - if yes, please mention.

3. Annual Budget for total library collection:
   (i) 1 lakh – 10 lakh  (ii) 11 lakh – 20 lakh  (iii) 1 lakh – 30 lakh  (iv) more

4. Different sources of budgetary funds - give information in brief :
   (i) UGC  (ii) University  (iii) Donation  (iv) Any other Budgetary Source

5. A) What selection tools do you follow?
   Eg. :
   
   i) Review Media  
   ii) Approved Plans-
   iii) Publishers' Announcements-
   iv) Ads-
   v) Faculty Requisition
   vi) Miscellaneous –
      (Standing Order/BIP/Sales People/Personal Knowledge/Bibliography/Newspaper/On Demand)
   vii) Any other-
B) Selection Decision Maker:
   i) University Teachers  ii) Other Users iii) Library Committee iv) Any other

C) Is the selection tools as well as method applied to other departmental libraries in the same manner?
   Yes/ No:

6. What are different kinds of resources in your library system?
   (i) Text Book
   (ii) References
   (iii) Serials
   (iv) Audio-visual Materials
   (v) Manuscripts
   (vi) Cartographic Materials
   (vii) Electronic Resources: e-book; e-journal; CDs/DVDs; databases; internet resources
   (viii) Any other

7. Electronic resources:
   i) When it was first introduced:
   ii) Types of Electronic Resources:

8. If your library system a member of CONSORTIUM (NETWORK ETC.)
   Yes/ No
   a. If yes, please name with date of joining & date of withdrawal, if any:
      i)  ii)  iii)  iv)  v)
   b. Nature of Network:
9. Is the Consortium, Network etc. mentioned in your collection development policy?

Yes/No, if yes, give details:

10. For Electronic Resources:

If Yes, pl. mention Like Printed Materials Separate
Selection Method: Yes/ No Yes/ No
Budget Allocation: Yes/ No Yes/ No
Acquisition Procedure: Yes/ No Yes/No

11. Do you have LAN/WAN system to connect each & every deptt. Libraries?

Yes/No

12. Do you follow any integrated library software system to make your library fully automated?

Yes/No; If Yes, Give Name:

13. Category of Users & Use of library collection:

<table>
<thead>
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<th>Text Book &amp; Ref.</th>
<th>Manuscript</th>
<th>Audio-visual</th>
<th>Cartographic Mat</th>
<th>ER</th>
<th>Others</th>
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<td>(%)</td>
<td>(%)</td>
<td>(%)</td>
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<td>(%)</td>
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</table>

(i) Regular Students:

(ii) Ex-Students:

(iii) Ph.D Students:

(iv) Other Scholars:

(v) Teachers:

(vi) Other Staff:

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14. Total Collection Size in Numbers If No, is not available % of total collection

<table>
<thead>
<tr>
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<th>Size in Numbers</th>
<th>If No, is not available % of total collection</th>
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<td>Electronic Resources</td>
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<tr>
<td>Others</td>
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15. Does your library have a disaster plan?

Yes/ No:

If Yes, is it mentioned in your Collection Development Policy?

16. Do you have any special Collection Development Officer or any Collection Development Committee?

Yes/ no:

17. Do your library follow any Collection Evaluation process?

Yes/ No

18. Procedure of Collection Maintenance:

Weeding / Deselection / Preservation / Serial Cancellation
APPENDIX-8b
SAMPLE QUESTIONNAIRE
USERS SURVEY
Calcutta University Library System

CATEGORY OF USERS: student / general / m.phil / research scholars / teachers / others.

1. Use: a) Central Library. b) Departmental Library c) Campus Libraries

2. How much you use the library for lending: more □ average □ less □

3. How much do you use for reference: more □ average □ less □

4. What kind of information you need:
   i) text □ reference □
   ii) print □ electronic □

5. Do you find any problem in getting services: yes □ no □

6. Do you observe any difficulty in obtaining the following resources:

   i) text book : yes/ no
   ii) reference book : yes/ no
   iii) journals/ magazines : yes/ no
   iv) microform materials : yes/ no
   v) electronic resources : yes/ no

   i) How much do you use these materials:
   ii) text book : daily / weekly / many times in month / seldom / never
   iii) reference book : daily / weekly / many times in month / seldom / never
   iv) journals/ magazines : daily / weekly / many times in month / seldom / never
   v) microform materials : daily / weekly / many times in month / seldom / never
   vi) electronic resources (ebook/ ejournals/ archival e-journals ) : daily / weekly / many times in month / seldom / never.
8. What is your opinion about the quality of services in use of collection
   Excellent □ good □ poor □ no mention □

9. What do you feel – is there any need for improvement in quality service:
   yes/no

10. Library collection is related to the course-based information:
    Adequate □ moderate □ needs to be improved □

11. What kind of resources you feel are adequate
    text books/ reference books/journals or magazines/ microform/ e-
    resources (pl. specify) □

12. What do you feel about other library services like, ILL, Xerox:
    Excellent □ good □ poor □ no mention □

13. How do you satisfy with the networking system to follow online facilities in
different areas of this university library system:
    Excellent □ good □ poor □ no mention □

14. Any additional suggestion
APPENDIX-9A
Year-(2000)

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Publishing House, New Delhi.

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1. Conduction of template polymeric legend with 8-hydroxy quinoline, A. Roy

2. Application of dual step potential on single screen printed modified
carbon paste electrodes for detection of Amino Acids and Proteins, P.

3. Atmospheric Biosensor for dust estimation, comparison of enzyme
electrode and dual step potential electrodes, P. Sarkar. J. Ind. Chem.

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5. A novel amperometric Biosensor for detection of Penicillin of milk, P.

6. One step separation free amperometric biosensor for detection of

7. Thick film screen printed electrodes for detection of total PSA using
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University)

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Methanol-Methyl-Tertiary butyl etharmixtures by prevaporation, Summit


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Department of Radiophysics and Electronics:


4. Microwave and Millimeter wave transport of one dimensional hot electrons In$_{0.55}$Ga$_{0.45}$, as quantum "wells and D. Chattopadhyay, Indian Journal of Pure & Appl. Phys., 36, p.149, 1998.


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5. Interventionist, observer and analyst: a case of mental retardation, presented in the National Seminar on The problems of aged, women, weaker section and disables, S. K. Sengupta.


17. Dr.B. Chaudhuri (Ambedkar Chair):
   i. Forest and Tribals: Command over Natural Resources.
   iii. Understanding Human Rights
   iv. Environmental Degradation: The Case of Forest in Asia.
   vii. Problems of Educational Development among women.


6. Fourth order nonlinear evolution equations for gravity capillary waves in the presence of a thin thermocline, K Das and Suma Debsarma, Journal of Australian Mathematical Society, Sec. B.


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16. A Projection modified Newton Method for Fractional objective Function with Linear Constraints, Rabindranath Sen and Prasanta Kumar Ghosh, Proceeding of the Second International Conference on operations and Quantitative Management (ICOQM1, Jan. 3-6, Ahmedabad, India, 1999.


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**Department of Botany:**


16. Pattern of coastal ecosystem change in Bengal basin, India vis-a-vis management considerations, National Conference Environment, Govt, of West Bengal, Manju Banerjee, Paschim Banga Vigyan Mancha, West Bengal Pollution Control Board, Feb. 2-5, Invited Lecturer, 1999.


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1 The Journalist (Yearly Journal / Two Issues)

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3 Child Labour and Media.

4 Mentally ill person.

5 Pollution in Calcutta

6 Ritwik Ghatak and his films.

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1 Paribesh Janasankhya o Bharater moto desh (Env’ronment, population and countries like India), Subir K. Sen: Jnan Bichitra. 23(12), June 1999.
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<th>No.</th>
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<td>9</td>
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<td>Distinguished Guest Speech, Graduate school of Library and Information Science, Dominican University, Illinois, USA, on 13th March, 2000.</td>
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<td>11</td>
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<td>12</td>
<td>Buddhist responses to conservation of nature as revealed in the Pali cannon</td>
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<td>Proceedings of the XXIV International Buddhist Conference, Bodh-Gaya, 1999</td>
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<td>Bibilographical control in India: A meaningful Proposition and Effective to the Hilt</td>
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<td>CollegeLibrdries, 15(I-IV), 1999</td>
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<td>Biplab Chakraborty</td>
<td>IASLICBulletin, 1999</td>
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<td>Need for Educational Information among Totas</td>
<td>Biplab Chakraborty</td>
<td>Librdrian, J.U. University, 1999</td>
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<td>Jaibo Baichitro sanrakshan</td>
<td>in 7th State Science &amp; Technological Conference</td>
<td>Feb, 2000</td>
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3. A Stochastic Inventory Model for a finite Life item with Uniform Lead Time and Quality Dependent Demand, R. Chakraborty and N. Patra, Nalozae Conference Business Competitiveness and Growth through Quantitative Methods, August 6-8, 1998.


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6. Temples of West Bengal, Dipakranjan Das, Non-Monimental Evidence, Dr lakshman Swarup Commemoration Volume, Delhi.

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16 Trade in Horses in Early Medieval Bengal, ANote, R. Chakraborty, Journal of the Economic and Social History of She Orient, XLII, 197-214 May 1999.

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18 Contributed an "Appendix" (more than 100 printed pages), Ranabir Chakravarti, to A Source Book of Indian Civilisation, Calcutta 2000.

19 Ships and Ship-owners in the Indian Littorals iupto C.AD 1500, Ranabir Chakravarti, Lecture delivered at De Montford University; Lancester, May1988.

20 Nakhudas and Nauvittakas, Ship owning Merchant in the Ports the West Coast of India (11000-1500A.D), Ranabir Chakraborty, presented to the South Asian Seminar, Stanford, May 4,1999; also presented at the Department of History, Sudasien Institute, Heidelberg, on June 18,1999,
published in the Journal of the Economic and Social History of the Orient, XLIII, p.34-64.

21 Social and Cultural Situation in Western India, Ranabir Chakravarti, Gleanings from Three Sixth Century Copper Plates of Huna Tormana, Dr. R. Chakraborty, paper presented to the 15th session of the South Asian Archaeology1, Leiden, July, 1999.

22 Role of the Mercantile Community, Ranabir Chakravarti, South Asian History section in the Encyclopaedia Brittanica (revised) - 5000 words, assignment completed in Dec. 1999.

23 The Nature of Political Formation in North India c.600-1200, Ranabir Chakravarti, paper presented to a seminar on State, Government & Republic in India, Indian Museum, Calcutta, February 1, 2000.

24 Exploration in Trade and Society in Early India, Ranabir Chakravorty Manohar, New Delhi, 2000.

25 Chandrapura-Sindabur and Gopakapattana, Ranabir Chakravarti, Two Ports in the Konkan coast (c-1000-1300), R. Chakraborty presented to Indian History Congress, section I, Calicut, December 1999.


28 Natural Resources and Human Settlements, Perceiving the Environment in India around AD 1000, R. Chakraborty, paper presented to the seminar - The World in the Year 1000, Martin Luther University, Halle (Germany), April, 2000.

Department of Economics:


3 Inadequate formal Credit and the informal credit market in agriculture: A theoretical analysis, S. Chowdhury Journal of Quantitative Economics (Indian Econometric Society, Delhi), vol.14 [1], 1999.
4 A Theory of two-tier interlinkage in the agricultural credit market, Sarbajit Chaudhuri, Keio Economics Studies (Keo University, Japan) XXXVI [1], 1999.

5 Delayed formal credit and interlinked informal credit in agriculture, Sarbajit Chaudhuri, A cooperative game (with Dr. M. R. Gupta), A. Banerjee and P.R. Brahmananda (eds.) Money, Interest and Finance: Essays in Honour of Prof. Alak Ghosh.


9 Private enterprise in the management of Market Garbog, Nila Mitra (with Tapas Gupta) West Bengal Pollution Control Board, Calcutta, 1999.


Department of English:


Department of History:

6. Gandhi and Environment: Prelude to an interpretative essay on Gandhian thought end philosophy, Gandhi Peace Foundation, Dr. Arun Bandopadhyay.

8 Migration and labour Movement: A Study of Colonial India between 1920'sand 1940's in Bruno Groppo and Christine Schindlei (eds.) Labour Movement and Migration, Dr. Nirban Basu.

9 The indigenous Capital, the Nationalist leadership and the colonial State: The labour movement in Jamshedpur 1937-39 in Chittabrata Palit (ed.) Political Economy and Protest in Colonial India, Dr. Nirban Basu.


11 The Eighteenth century revisited: Essay in Honour of Amales Tripathi, Dr. Lakshmi Subramanian.


16 A Case for labour history (edited with Arjaan Da Haan), Calcutta 1999 :Dr. Samifa Sen.

17 Women and Labour in Late Colonial India : The Bengal Jute Industry( Cambridge University Press, 1999), Dr.Samita Sen.

18 Living with the Partition Collective Memory and the politics of illegal migration in Eastern India (1999), Occasional Paper, Peace Studies Group, Sri Bhaskar Chakrabarti.

19 Crime and Control in Early Colonial Bengal, 1999, Dr.Basudeb Chattopadhyay.

20 From Flood Control to National Reconstruction: Meghnad Saha and the Claims of Science in Government in Enreca Occasional Paper Series 4
ed. Dr. Tapati Guha Thakurta and Madhumita Mazumdar (Centre For Studies in Social Sciences, 1999).

21 Sarojini Naidu: The Traditional Feminist (1999), Dr. Hasi Banerjee.
22 Politics & Identity in South Asia, Bharati Ray and David Taylor.
23 Ethnicity and Regional Politics in South Asia, Kasmir and Sindh, Prof Suranjan Das, July 2000.
24 Eighteenth century India Revisited, Lakshmi Subramanian.
25 Essays on Regional Security in South Asia, Prof Suranjan Das,
26 Gandhi on Environment, Arun Bandyopadhyay.

Department of Political Science:
3 Decentralised Planning in West Bangal, Prabhal Datta, Frontline, August. 2000.
5 Population Displacement In Northeastern India, Samir Kumar Das, A Critical review formed the basis of the Asia Report on International Displacement prepared by Robert Cohen (Brooking Institution, Washington DCI and Francis Deng (UN High Commissioner for Refugee) for UNHRCs Policy Interventions.
7 Literacy in Information Age, Dipankar Sinha, Awared from Ministry of Human Resource DevelopmentGovt. of India, 2000

Department of Tamil:


Faculty Council for PG Studies In Fine Arts, Music & Home Science:
Department of Home Science:

1 Pesticides their residual effects - A threat to the safety of foots, Dhira Gangopadhyay and Nandini Roy, published in science & culture in December, no. 65, p.11-12, -351,1999.

2 Physical & Chemical analysis of municipal solid waste (MSWetland its Ecofriendly ways of utilization, Minati Sen and Indrani Bagchi, Proceedings of 1st International' Energy & Environmental Symposium July 29-31, Trabzon- Turkey

3 Effect of Domestic Refrigeration on Nutritive values of fruits, Manasi Chakraborty and Minati Sen, Proceedings of 88th Science Congess, 3-7 January, 2001


5 Supression of rat Killing behaviour of cat after ICV administration of lithium, B.P. Mukherjee and Uma Roy


7 Evalualtic of different Psyciotropic agent including herbal drug on agressive behaviour of laboratory animal, M.Roy Choudhury and Uma Roy, Indian science cong. physiology, p. 32, 1999.


Faculty Council for PG Studies in Agriculture & Veterinary Science:
Department of Agriculture:


APPENDIX-9B

Year-(2001)

List of Publications of Teachers and Research scholars, C.U.:

Faculty of Engineering and Technology

Department of Applied Physics:


Department of Chemical Engineering:


Department of Computer Science & Engineering:


Faculty of Science
Department of Anthropology:


4 Choice of washing method of hair samples for trace element analysis in


Heritability of some important parameters of the antioxidant defense system like glucose-6-phosphate dehydrogenase, catalase, glutathione, peroxidase and lipid peroxidation in red blood cells by twin study, Shilpa Chakraborty. International Journal of Human Genetics, 2001(3): 229-232.


Department of Applied Mathematics:


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Department of Applied Psychology:


4 Customers' satisfaction on the hotel service, Dr. A. K. Chatterjee, Jr. of Applied Psychological Issues, vol. 7(1)-7(2), 14-27, 2001.

5 Drug dependence perception of satisfaction from communication with their parents, Dr. (Mrs.) I. Mukherjee & L. R. Lui, Ind Jr. of Psychological Issues, vol.9(1), p.81-85, 2001.

6 A Look at locus of control & hopelessness in orthopaedically handicapped youths, Dr. (Mrs.) I. Mukherjee & Mrs. B. Biswas (Saha), Jr. of Applied Psychological issues, December 2001.


9 Mothers self-rated perceived support and their attitude towards mentally retarded children as burden of the family, Dr. (Ms.) A. Roy & S.


Department of Biochemistry


3 Cigarette smoke induced protein oxidation and proteolysis is exclusively caused by its tar phase. K.Panda, R.Chattopadhyay,DJ.Chattopadhyay,


15 A. Conserved tryptophan in nitric oxide synthase regulates heme-


Department of Bio-physics, Molecular Biology and Genetics:


7 Effect of Glycosylation on iron mediated free radical reactions of hemoglobin, M.Kar and A.S. Chakraborti, Current Science, vol.-


Department of Botany:


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Department of Chemistry:

1 The reversible antifertility effect of piper betle linn on swiss albino mate micerkar, P. Gangpadhyay, B. Basak, K. Chakraborty, P. Adhikary, A. Chatterjee, Contraception, 62271.2001

2 The treatise on Indian Medicinal Plants, Vol 6, ED. Asima Chatterjee and Satyesh Chandra Pakrashi, Ed.Board:Dr.Taraksewar Chakraborty, Dr. Sachindra Kumar Chakraborty, Dr. Rabindra nath Bhattacharyya, Prof .(Mrs.) Jlule Banerjee, Dr. Nandadulal Paria, Dr. Rumabhal Manchhabhai Chaudhuri, Dr.Sibabrata Mukhopadhyay, Dr. Bidyut Kumar Basak, 2001,(Publishea by National Institute of Science communication, CSIR)


10 Recent studies on the 1,3-D’polar cycloaddition of nitrones, A. Banerji. P. Sengupta, J. Ind. Institute of Science, Bangalore, 81(3) 000, 2001, (Spl. Issu. On organic synthesis-I, dedicated to Prof. S.C Bhattacharyya on his 80th birthday).


Department of Electronic Science:


Department of Geology:


Department of Geography:

1. A Systematic study of landslides along the arterial route to Darjeeling and their control, in Ho and Li(Ed), S. R. Basu, Geotechnical Engineering - The Meeting Society's need, Hong Kong, 2001.


6 Regional disparity and development alternatives- Indian perspective in contemporary dimensions in Geography ed. N. Prasad and R. Basu, Academic Staff College, Burdwan University, 2001.

7 Geography of inequality and development in innovations in Geography, (Ed), R. Bhattacharya, R. Basu, Academic Staff College and Department of Geography, C.U. 2001.


11 Use of statistical techniques to study urbanization in North Bengal, H. R. Betal, Geographical Review of India, vol-63 [3], 2001.


17 Application of Soil agricultural planning in innovation in Geography, P. Das. Academic Staff College and Department of Geography, C.U., 2001.
18 Environmental issues related to soil pollution in environmental issues in Geography, P. Das, Academic Staff College and Department of Geography, C.U, 2001.


20 An Analytical study towards deformation of map Projection suitable for India, in Innovations in Geography (R. Bhattacharya), Academic Staff College and Department of Geography, C.U., 2001.


22 Application of regression analysis towards the study of environmental impact on population distribution in environmental issues in Geography, A. R. Ghosh, Academic Staff College and Department of Geography. CU, 2001.


26 Environmental Health: A case study of Arsenic poisoning in West Bengal, in Environmental Issues in Geography (Ed. R. Bhattacharyya), Jayanti Hazra, Academic Staff College and Department of Geography,CU.,2001.


Department of Marine Science:


Department of Physics


14 Calculation of resonances using isospectral potentials, T.K.Das and


Kohn's theorem: An example of charge and mass renormalisation in condensed matter Physics, D. Jana, Physics Education 18, 2001.


Department of Physiology:


12. Application of initial screening tool to identify occupational risk factors...


Department of Mathematics:


Department of Statistics:


14. Random fragmentation of molecular cloud and initial mass function-A
Department of Zoology:


6. Technologies for high yield and emtrologement quration through utilization of non-conventional methods of proceeding on Awareness workshop on Biotechnology Based Programme for women and rural development of with special reference to natural and child health, S. 8anerjee, WBT, Govt, of India,p-21-23,2001


Faculty of Medicine

Department of Pathology, U.C.M. Calcutta University:


Department of Pharmacology:

Research Publications of the Faculty members:


Department of Physiology:


2. Brain tumor Immunology, 2nd International clinic of Neurological Surgery "Neurosurge 2001", Swapna Chaudhuri, GB Panth Hospital (GNCTD), Delhi University, New Delhi, India Sept-2001


S.N. Pradhan Centre for Neurosciences:


Faculty of Education, Journalism and Library Science:

Department of Journalism and Mass Communication:

1. The Journalist (Yearly Journal. / Two Issues)
2. UNICAL
3. Child Labour and Media.
4. Mentally ill person.
6. Ritwik Ghatak and his films.
8. Women & Media.
12. The Calcutta University Journal of Media & Communication (Quarterly)
13. Cable Television in West Bengal.

Department of Library & Information Science:

4. Modernization as a Concept and as a Programme for the Libraries and Information Centres in the Indian Perspective with Special Reference to the Academic Libraries in West Bengal, Subir Kumar Sen, 2001


Faculty of Commerce and Business Management:

Department of Business Management:


Department of Commerce:


6. Cost and management accounting in changing scenario, P. R. Chowdhuri, Vidyasagar University, Journal of Commerce and Farm management, 2001


Faculty of Arts:

Department of Ancient Indian History and Culture:

1. Proceeding of Indian History Congress 2000-2001 - route of house trade in early trade upto 5th century AD, Sm. S. Ghosh.


Department of Arabic & Persian:


5. Quran, Suuuah and Companions, published by Harmony Association, Salt Lake City, Kol - 64.

Department of Archaeology:

1. Working Women of Ancient India, Dr. Chitrarekha Gupta, paper read in International Seminar organised by the History Department, University of North Bengal, 2001


Department of Economics:


3. Contributed a paper entitled 'Quality of Indian Tribal Literacy in the National Conference on Contemporary issues in Development Economics at Calcutta during January 19, 20, 2001 organized by the Department of Economics, Jadavpur University, Calcutta.

Department of English


Department of French:

1. Paramita Das: Contemporary French Literature.

2. Paramita Das: Translation: Possibilities and Limitation.

3. What does France represent for you.
Department of Hindi:

1. Adhunik Sahitya: Mulyankan Ke Naya Pariprekshya, Amamath Sharma (Edit) (book)

Department of History:


Department of Islamic History and Culture:

2. The Economics of Revenue Maximization -1757 -1793, Ranjit Sen.
4. Understanding Indian History, Ranjit Sen.
5. A Stagnancy city Calcutta in the 18th century, Ranjit Sen.
7. Class, cast and the raj, Ranjit Sen and Snigdha Sen.
8. Trade and commercial organization in West Bengal 16th to 18th century, Sushil Chowdhury.
9. From prosperity to decline 18th century, Sushil Chowdhury.
10. Marchantes, companies and trade, Europe and Asia in early modern era, Sushil Chowdhury and Michael Morineau.

**Department of Pali:**


3. Published 16 articles in Bauddhakosha, Deptt. Of Pali, C.U.


5. Buddhism in Myanmar & Thailand - Projects of History of Indian Sc, Mani Kuntala Haldar, Phil. & Culture (PHISPC), Vol. on Religion, New Delhi.

6. Published more than 20 articles in Bauddhakosha (Encyclopaedia of Buddhism), Deptt. of Pali, C.U.


9. Genesis of Vivaya rules - its development, Manikuntala Haldar (De), - Journal of the Department of Sanskrit, C.U.

10. Life of Buddha as depicted in Pali poems in the project of History of India Science, Jayanti Chatterjee, Philosophy, Culture, New Delhi.

11. 25 short articles for Bauddhakosha, C.U.


Department of Philosophy:


Department of Political Science:

1. Political development in India: The State, Civil Society and its institutions, Rakhahari Chatterjee.

2. Workers and their Trade Union, Rakhahari Chatterjee.


9. Internet: Srenisangramer Natun Thikana, Sobhanlal Datta Gupta,


18. India towards the twenty first century: the ethnic scenario, in Sanjukta Banerji, Bhattacharya (ed.), India at the End of 20th Century: Essays on Politics, Society and Economy, Dr. Samir Kumar Das, New Delhi: Lancer's, 2001, p. 117-44.


Department of Sanskrit:

M.K. Gangopadhyay:
Uddalaka Aruni and the Atomic Hypothesis, Mahamahopadhyaya Damodar Mohapatra Sastri Commemoration Volume, Bhubaneswar.

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The Concept of Rta and its Development. Journal of the Department of Sanskrit, C.U.
Eternal Significance of Buddha’s Teaching. Sudhir Ranjan SenGupta Commemoration Volume, Kolkata.

Prof. Sltanath Acharya Sastri:

Samskrta-sahitye Jatiyata-vadah, Department of Sanskrit, Burdwan University, October, 2001.

Samskrta-sahitye Samhaticetana published in the Departmental Journal, Department of Sanskrit, Burdwan University.

Pratibhatattvam, Anandavardhanackuntakayohe drkkonatah, Departmental Journal, 6th issue, Dept. of Sanskrit, Calcutta University,

Mallinathasya Kavitvavivekah, Tikopodghatasilokadriyta Sagurika, Sanskrit quarterly, Dept. of Sanskrit "Sagar Universty, Sagar, M.P. vol. XXXV/1/2 VS. 2058.

Kalidosakavyesu Vaijnantka Samullakhah, published in the Sanskrita Sahitya Parishaf Patrika, Kolkata.

Anarsdavardhana on Poetic Genius (in English), published in the Journal of the Asiatic Society.


Kuntoka Kabyadarshanam, Poetic Philosophy of Kuntaka, Sanskrit Sahitya Parisat, Kolkata.

Mudrarakshasam—Criticism and translation in Bengali, Sanskrit Pustak Bhandar, Kolkata.

Ka tvam Subhe (who are you, oh auspiciously graceful lady) - A romantic lyric in Sanskrit with English translation.

Prof. Dipak Ghosh:

Nationalism through Sanskrit (written in Sanskrit), Dept of Sanskrit, Burdwan University, Dept. Journal (Book).

Truth & Falsity in Smkrkara’s Advaita Vedanta; Sanskrit Dept. (Vedic Study).

Bhasa Pariccheda Smriksa.

Rajanitililhamr Tarn (end & enlarged revised edition in Bengali.

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Prof. R. Basu:

"Dharma and Ahimsa Buddhism and brahmanism- Current sensibility in India and South east Asia, in Sanskrit in Southeast Asia: The Harmonizing Factors, Bangkok, Thailand, 2001-2002.

Monograph: Puthi–Lipi, Kolkata.

Prof. Sanghamitra Sengupta:

Some Observations on Nimbanka Philosophy, published in connection with National seminar on Nimbanka Philosophy, Dhananjyoydas Kathiababa and Indian Culture and Religion.

Avidya in Yoga Philosophy and Advaita Vedanta, Journal of the Department of Sanskrit.

Yogadarsana Parikrama.

Dr. Narayan Kumar Chatterjee:

Satya Samaskriti o Manovata, 21st Banga Sammelan, Boston City, America, in "Aikatan" July, 6,7,8,2001.


Dr. Didhiti Biswas:


Some Controversial Deities in the Nirukta, Jr. of the Deptt. of Sanskrit, C.U.
Department of South and South East Asian Studies:


Department of Tamil:

1. Tirukural Studies. Volume - II.


Department of Urdu:


Faculty of Fine Arts, Music and Home Science:

Department of Home Science:

Faculty of Agriculture and Veterinary Science

Department of Agriculture:
3. The Study on evaluation of rice Cms lines, their best maintainance technology in the hybrid vigour exploitation programme in the present

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agroclimatic condition, Bhaumik P.K., Naha J., Das. A, Sasmal. P.K.,

4  Relation between iron forms and pedogenic processes in some alfisols
of Orissa, India, A.K. Dolui and R.Bera, Agrochimica 45 (5-6), p.161-

5  Forms of acidity in relation to properties and lime requirement of some

6  Phosphate sorption-desorption characteristics of two alfisols and an
entisol, A.K. Dolui and M. Banerjee, Trop Agric (Trinidad), 78(3), p.155-

7  Microbial biomass and activities of soil amended with municipal solid

8  Characterization of municipal solid waste compost in relation to maturity,
stability and heavy metals content and pathogens, Indian Journal of

9  Microbial biomass and activity in a laterilesoil amended with municipal
solid waste compost, J. Agronomy & Crop Science. 187, p.207-211,

10 Crop productivity and soil fertility status us influenced by fertilizer
management in potato under potato-season-rice cropping system, G.C.

11 Effect of foliar spray of potassium nitrate and calcium nitrate on
grasspea (Lathyrus sativus L) grown in rice fallows. Lathyrus lathyrism,

12 Effects of Auxin.........Cape-gooseberry, Majumder, K, and Mazumdar,

13 Zinc.......Fruits, A. Das, K. Majumder, B. C. Mazumdar, Ind Agri., 44 (3

14 Phosphorylase acitivity in relation to grain filing in some cultivars of rice
under water-logged conditions, Malay Kumur Adak and Dilip Kumar Das
APPENDIX-9C

Year-(2002)

List of Publications of Teachers and Research scholars, C.U.:


List of Research Publications of the Faculty Members:

Department of Atmospheric Science:


Department of Chemical Engineering:


20. Ayon Bhattacharya, Anirban Banerjee and S. K. Das: Removal of ammonia from Coal gas. All India Seminar on Pollution Management in


Department of Chemical Technology:


5. A. Basumajumder:


476


15. Achintya Saha:
   i. Exploring Selectivity Requirements for COX-2 vs. COX-1 Binding of 3, 4-diaryloxazoiones using e-state index. Bioorganic Medicinal Chemistry Letter.

Department of Computer Science & Engineering:


2. N. Chaki, et. al., Quality of service behavioral model from event trace analysis. Proceedings of the 7th International Command and Control Research and Technology Symposium (CCRTS 2002), Quebec City, Quebec, p. 16-20, September 2002.


Department of Radiophysics and Electronics:


13. B.R. Nag: Comment on 'Band Gap of InN and In-Rich InxGax-xN alloys [0.36<x<1]', Sat. Sol.(b) 233.R8, 2002.


FACULTY OF SCIENCE:

Department of Anthropology:


3. Prof. B. Choudhuri: Health, forest and development: The tribal situation, CARID, Kolkata.


6. Dr. A. R. Bandyopadhyay: A Study on body mass index and age at menarche in munda tribal population of West Bengal, Proceedings of the Conference of International Union of Anthropological and Ethnological Sciences, 2002

Department of Applied Mathematics:


Department of Applied Psychology:


5. P. Bhattacharyya and A. Roy: A study on life-events and emotional reactions among (he merchant navy officers, the association of master mariners, Calcutta, 2002.


9. B. Biswas (Saha), and I. Mukherjee: "Wives" perception of satisfaction

Department of Biochemistry:


Department of Bio-physics, Molecular Biology and Genetics:


2. Anjali Mukherjee, A.B.Roy and Bharati Mukherjee: Chapter on Drug - Hemoglobin interaction in the book Mathematics for Life Sciences, Published by Sivatosh Mukherjee Science Centre.


4. S.Chandra, S.Pal, S.Choudhury and C.Dasgupta: 23S RNA Assisted folding of cytoplasmic malate dehydrogenase is distinctly different from


Department of Botany:


11. A.Mitra, S.Chakraborty, B.Auddy, P.Tripathi, S.Sen, A.V.Saha, B.Mukherjee: Evaluation of chemical constants and free-radical


24. S.Chdkrabarti, D.Banerjee, R.Bhattacharyya: Enhancement of Room
temp. Electrical conductivity of polypyrrole by chemical modification. 

25. N.Guchhait: Partitioning of methyl internal rotational barrier of 

26. N.Guchhait: Hydrogen bonded structure of tetrahydroisoquinoline-water 
clusters in the jet cooled molecular beam, Proceeding of Third Asian 
Photochemistry Symposium, BARC, India, 2002.

27. R.Bhattacharya, M.S.Roy, L.Righi, G.Boa, A.Ghosh: Synthesis crystal 
structure and thermochromism of benzimidazolium tetrachlorocuprate: 
(C7H7N2)2 (CuCl4), Polyhedran, 21, 2561, 2002.

formation of a porphyrinogen derivative: X-ray structural, spectroscopic 
and electrochemical studies of porphyrogen complexes of Cu (II) and Co 
(III) complex of a Irispyrazolyl tripodal ligand, Inorganic Chemistry.41, p. 
5803-5809, 2002.

29. A.K.Mallik. S.P.Dey, F.Chattopadhyay and A.Patra: Novel formation of 
6-Acyl-5(2-Pyrrolyl)-3H-pyrrolines by base-catalysed condition of 

some simple condensates of 4-oxo-4H-I-benzopyran- carboxaldehyde 
with ethy l arminocrotonate, Chem. Res.(S|,311, J. Chem, 

31. N.Karchaudhuri, A.De and A.K.Mitra: Microwave-assisted condensation 
reactions exploiting hexamethylenetetramine as a catalysat under 

modification of Wolff-Kishner reduction in rapid and simple way using 

33. A.Banerji, T.Banerji (nee Jana): Synthetic and Spectroscopic studies of 
structural analogs of Piper amides, the 5-aryl-2E, 4E pentadienamides. 

34. T.K.Mandal and C.Mukhopadhyay: Binding free energy calculations of 
gelectin -3-ligand interactions, Protein Eng., 15(12), 979, 2002.

35. P.L. Majumder, S.Chakraborty, S.Sen Stilbenoids and flavonoids from 
the orchids Coelogynenuinifora, lone Paleacea and Acrochone punctata. 
Department of Electronic Science:


2. S.Dhar, S.Basu, N.Halder and B.M.Arora: Characteristics of Metal Organic Vapour Phase-Epitaxial In_{0.49}Ga_{0.51}P Grown on Liquid Phase Epitaxial In_{0.49}Ga_{0.51}P/GaAs, International Conference on Optoelectronics, Fiber Optics and Photonics, Mumbai, 2002.


Department of Geology:

1. D.Mukhopadhyay and T.Bhattacharya: Tectonics of the eastern sector of the palghat-cauvery lineament near namakkal, Tamilnadu, Deep Continental studies in India, Newsletter, Dept. of Sci. & Tech. 11(1).


4. Jyotisankar Ray: Petrological studies of the ecologites and associated
ultramafic rocks from Paviftiram and adjoining areas of Southern granulite terrene, Indian minerals, 54[3&4], p.169-182.

5. A.K.Ghosh and Sangita Chowdhury: Some geochemical characteristics of the lead-dominant sulphide mineralisation at Sargipali, Sundergarh District, Orissa, Ind. Minerals, 55 [31-46].


Department of Geography:


6. J. Hazra: Health profile of Mizoram, Geography, Rev. of India, vol. 64 [I], Calcutta, March 2002.

Department of Marine Science:


Department of Physics:


4. P. Sen and S. Dasgupta: Short-time scaling in the critical dynamics of an antiferromagnetic Ising system with conserved magnetization, Jour


Department of Physiology:


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Department of Psychology:


Department of Pure Mathematics:


5. M.R Adhikari: Semirings of formal power series in South-East Asian Bull,


10. S.K. Acharyya: Two papers accepted for publication in two International Research Journals of Maths.


Department of Statistics:


2. S.P. Mukherjee: Industrial metabolism and sustainable development, Dept. of Business Management, C.U.


Department of Zoology:


6. S.Khaling, R.Kaul and G.K.Saha: Calling behaviour and its significance in Satyr Tragopan, Tragopan satyra (Galliformes: Phasianidae1 in the


22. S.Banerjee: Hydrobiology of waste water fed man made lotic fish culture ponds in relation to pollution: physico chemical characteristic, Jour. of Science, Philippine.


25. S.Saha and D.Raychaudhuri: Further addition to the butterflies of Buxa Tiger Reserve, Jalpaiguri, West Bengal, Insect Environment, 8 [2], p. 89.


2. A.K.Manna and G.Ghosh: Role of proliferative markers in Prostatic lesions, Annual Conference of IAPM West Bengal Chapter.


Department of Pharmacology:


Department of Physiology:


8. S.Sen, S.K Mandal: Possible loss of cooking oil and Fats during the process of preparation of food, Proc. 89th Ind.Science Congress, p. 63-64,2001

S.N. Pradhan Centre for Neurosciences:


Faculty of Education, Journalism and Library Science:

Department of Education:


4. Dr. Moloy Kumar Sen: Democratisation of education through distance education, education for all, presented and published at the Department of Education, Rabindra Bharati University, 2002.


Department of Library and Information Science:


Faculty of Commerce and Business Management:

Department of Business Management:


17. Jadab Krishna Das: Sequential fixed size confidence regions based on maximum likelihood estimates under Department Setup, presented in National Seminar, 2002.


Faculty of Arts:

Department of Ancient Indian History and culture:


Department of Bengali Language and Literature :

1. Bimal Kumar Mukhopadhyay: Rabindra drishtite ora,amra o tara.
2. Bimal Kumar Mukhopadhyay: Padmanadir majhi-r muk pranlikayita manushera.
4. Bimal Kumar Mukhopadhyay: Colonial Bengal art and literature (2nd half of the 20th century).
5. Manas Majumder: Eksho bochhorer sera hasi (Sampadita Grantha)
12. Biswanath Roy: Bangla lokonatya natak-o-rangamancha, jointly edited
by Biswanath Roy & Chhanda Roy, published by Director, ASC, Calcutta University.


29. Tarun Kumar Mukhopadhyay: Chand baniker pala: adhunik upakhyan, Dr. Apurba Dey (Bama).

31. Tarun Kumar Mukhopadhyay: Prasanga Pother Panchali, Parthajit Gangopadhyay, Pandulipil

32. Tarun Kumar Mukhopadhyay: Bishoy: Antashila upanyas, Uttordhwani (Sarad Sankha, 2002).


34. Tarun Kumar Mukhopadhyay: Bishoy: Kabi Tarun Sanyal, Akshar (Boimela Sankha), 2002.


36. Tarun Kumar Mukhopadhyay: Art bBishoye, Srijon (AnnaDasankar Sankha).


38. Sanat Kumar Naskar: Dakshin Chobbish Parganar itilas anusandhan - sandhikaal o padakshep.


40. Sanat Kumar Naskar: Dakshin Chobbish Parganar loko-sanskritik bhugole, Lokoshruti-2l.


Department of Economics:

1. Rabindra Nath Mukhopadhyay and Sudeshna Ghosh; Literacy & externalities in human development (mimeo).


3. Sankar Kr. Bhowmik: Methodological issues in field surveys, in


6. Pabitra Giri: Valuation of urban land and urban planning, in Bulletin of The Institution of Surveyors, India (Kolkata Branch), July 2002.

7. Pabitra Giri: Land economy and urban growth: some issues, in the Conference Volume of Indian Congress on Surveying Valuation and Land organised by the Institution of Surveyors, India (Kolkata Branch), July 2002.


Department of English:


4. Subhenmdu Chakraborty: Translated a Cuban Story from the original Spanish, College Street, 2002.


8. Sanjukta Dasgupta: The Real, the imaginary and the hyperreal text:


23. Translations of:


Department of French:
1. Paramita Das: Contemporary French Literature.
2. Paramita Das: Translation – possibilities, limitations.

Department of Hindi:

Department of History:
1. Suranjan Das: Regional security through constructive bilateralism: Prospers for Indo-Pak Co-operation and South Asian Stability in


Department of Islamic History and Culture:

1. Ranjit Sen: A Bengali book under the title "Bhabita Purush O Abhabita
1. Nari", Nari Prashner Sekal 0 Ekal.


Department of Linguistics:


Department of Pali:


5. Manikuntala Haldar (De): The Vinaya Rules - its genesis and process of
Development, Sanskrita Bharati: Journal of the Department of Sanskrit, 6th issue, Department of Sanskrit, University of Calcutta, 2002.


Department of Philosophy:


Department of Political Science:


29. Samir Kumar Das: Extraordinary Partition and its impact on ethnic militant politics of Assam, in Girin Phukon (ed.): Ethnicity and Polity in South Asia, New Delhi, South Asian, p. 208-28, 2002.


32. Samir Kumar Das: National security in the age of globalisation: A Study of state's responses to ethnic insurgencies in North Eastern India, in Gunam Singh (ed): Ethno-Nationalism and the emerging world (Dis)


35. Samir Kumar Das: Ei aami nei aami (This self is not the self), Ekak Matra 3 [2], p. 4-6, September -October, 2002.


38. Samir Kumar Das: Atmamyantraner Adhikar Ebang Susheel Samaj (Right to Self Determination And Civil Society), Nandimukh, Special Number on Civil Society and the construction of Rights, p 5-17, November 2002.


41. Samir Kumar Das: Democracy as the mainstream or de-mainstreaming democracy? a review of the democratic institutions and practices in contemporary Northeastern India in Contemporary India. Journal of the Nehru Memorial Museum and Library, 1[4], p. 151-75,October-December.


51. Sanjib Kumar Mukherjee: The Female body & the liberal self, from the Margins 2 [1], 2002.


Department of South and South East Asian Studies:


11. Paula Banerjee: Women's pace initiative in the Northeast, Jadavpur University, Department of International Relations Journal, 2002


Department of Tamil:


Department of Urdu


Faculty of Law:

Department of Law:

1. N.K. Chakraborti: Research paper in the book published by Prof. N.R. Madhava Menon (General Editor) entitled "Criminal Justice - India
Series, Vol. I. West Bengal” on “Prisons and Correction”, Published by Allied Publishers, Kolkata.


5. Shachi Chakrabarti: Journal of the Department of Anthropology, Published by Department of Anthropology, University of Calcutta, Printed by Calcutta University Press.

Faculty of Fine Arts, Music and Home Science.

Department of Home Science:


2. Uma Ray and Nilanjana Dutta: Change of reproductive behaviour with oculum sanchin in albino rat.


4. Suniti Chatterjee: Diet and maturity onset diabetes mellitus, homeomirror.

5. Uma Roy, Madhumita Roy Chowdhury and Gargi Dhar: Adaptogenic activities of zinc with special reference to immobilised stress induced Gastric ulcer.


Faculty of Agriculture and Veterinary Science:

Department of Agricultural Science:


APPENDIX-9D
Year-(2004-2005)

List of Publications of Teachers and Research scholars, C.U.:

Applied Physics:

2004


2005


Department of Chemical Engineering:

2004


2005


Department of Chemical Technology:

2004


10. Tapas Mukhopadhyay and S. GhoshL: Lipid profile and fatty acid composition in eggs of indian featherback fish pholui (notoptereus


2005


3. Lipid profile and fatty acid composition in eggs of gangetic little burb Puntius sophore in comparison with body tissue lipid, J. Ind chemical Society, vol. 82, p.723-726, 2005.


Department of Computer Science and Engineering:

2004


2005


4. An AI based approach to noise reduction on VLSI circuit: S. Sen Sarma. Accepted in URSI commission. October 2005

5. An Efficient Fragmentation Methodology for a Distributed Graph Based Data Model : S. Choudhury, N. Chaki (with A. Samaddar, S. Bhattacharya). Proceedings of IEEE sponsored International Conference ADCOM, December 2005..


Department of Polymer Science and Technology:

2004


2005


Department of Radio Physics and Electronics:

2004

2. B.R. Nag: Interface roughness scattering limited mobility in AlAs/GaAs, 
Al$_{0.3}$Ga$_{0.7}$As/GaAs and Ga$_{0.5}$In$_{0.5}$P/GaAs quantum wells, Semicon Sc.

3. P.K.Basu and B. Mukhopadhyay: Linewidth for interconduction subband 

4. D. Chattopadhyay and A. Ghoshal: Low temperature electronic transport 

5. N.R. Das and M. Jamal Deen: On the performance analysis and design 
of integrated front-end PIN/HBT photoreceiver, IEEE Journal of 

6. S.S. De, S.K. Dubey and M. De Cerencov: Radiation within the 

7. D. Guha and J.Y. Siddiqui: Resonant frequency of equilateral triangular 
microstrip antenna with and without air gap: Dr. d. Guha (Coauthor – 
J.Y. Siddiqui), IEEE Transactions on Antennas and Propagation, vol. 52, 
no.8, pp. 2174-2177, August 2004.

8. D. Guha and J.Y. Siddiqui: Effect of a cavity enclosure on the resonant 
frequency of inverted microstrip circular patch antenna, IEEE 
Transactions on Antenna and Propagation, vol. 52 [8], p. 2177-2180, 
August 2004.

9. A. Maitra: Variability of rain attenuation on as obtained from 
measurements of rain drop size distributions in the Indian region, IEEE 

2005

1. Iterative algorithm for microwave tomography using Lavenberg-
Marquardt regularization technique : A. Kundu, B. Bandypadhyay and 
A.N.Dutta, Indian Journal of Pure and Applied Physics, Vol.43, pp. 649-
653, September 2005.

2. Expression for fundamental absorption coefficient due to alloy-disorder 
scattering in indirect gap semiconductors : Bratati Mukhopadhyay and 
P.K.Basu.

3. Estimation of the composition of Ge rich Si$_{1-x}$Ge$_x$C$_y$ layers on Si for 
photodetection at 1.3 and 1.55 mms : Bratati Mukhopadhyay, Sumitra 


Department of Anthropology:

2004


25. Genders and the sexuality; the categories and the range in context of the urban Indian constructs: Sri Arnab Das, Journal of the Department of Anthropology.


2005


17. Genders and the sexuality; the categories and the range in context of the urban Indian constructs : Sri Arnab Das. Journal of the Department of Anthropology (Press)


Department of Applied Mathematics:

2004


7. A stock dependent inventory model for a deteriorating item with time dependent quadratic demand: Tripti Chakraborti. Accepted for publication in the International Journal for Information and Computer Science.


2005
1. CPT- Conserving Hamiltonians and their nonlinear supersymmetrization using different change Operators : Prof. Bijan Kumar Bagchi with A.


Department of Applied Psychology:

2004


4. Vocational Guidance Reports of 20 Orthopaedically Handicapped Cases': Dr. I. Mukherjee Sent to Indian Journal of Psychological Issues' and accepted for publication therein in the ensuing December issue.


6. Education paper-IV, Curriculum Studies; Dr. A. Roy. Tripura University, Directorate of Distance Education (Book published as Single Author), 2004.


9. Substance Dependence, General mental health and Somatization Responses: A Study of Ganja Smokers, Tobacco Smokers and Non-


16. Social Environment as perceived by the inhabitants of flats and own houses adjacent to EM Bypass of Kolkata, Behavioural Scientists, 2004. (Accepted).


18. Defining Child maltreatment in India: Dr. Sibnath Deb. Published in the World Perspective on Child Abuse and Neglect (Sixth Edition), Published by ISPCAN, USA, 2004.


2005


6. A study on goal-setting tendencies, work motivation and organizational climate as perceived by the employees of the Peerless Hospital and B.K.Roy Research Centre at Kolkata : Dr. Swaha Bhattacharya. Journal of Indian Academy of Applied Psychology, vol. 32 [1], 2005.


8. Selected TV Programmes as perceived by the inhabitants of urban, suburban and rural areas : Dr. Swaha Bhattacharya. Indian Journal of Community Psychology, 2005.


10. Impact of advertisement on TV Programme as perceived by the viewers of Kolkata city, Magadh : Dr. Swaha Bhattacharya. Journal of Social Research, 2005 (In Press)


13. Organizational climate and communication skills as perceived by the employees of Andrew Yule and Company Limited at Kolkata : Dr. Swaha


17. Applied Indian Psychology – New Perspectives; Dr. Swaha Bhattacharya. Published by Global Vision Publishing House, New Delhi, 2005, 309-317. Paper entitled, "Environment as perceived by the elderly people living in joint families at Howrah District in West Bengal".

18. Paper entitled, “Need for privacy, environmental adaptation and social interaction pattern of the inhabitants of Kolkata city”: Dr. Swaha Bhattacharya. Accepted for publication in Book by the Academic Staff College, Calcutta University.


32. Masculine Gender Role Stress (M.G.R.S.), The Contributory Role of Job Sex typing of Self and Partner : Dr. Subrata Dasgupta, 2005.


Department of Atmospheric Science:

2004


2005


Department of Bio-Chemistry:

2004


2005


6. Dual DNA binding property of ABA insensitive 3 factors targeted to promoters responsive to ABA and auxin. : Ronita Nag, Manas Kanti


Department of Bio-Physics Molecular Biology and Genetics:

2004


552


2005


15. Studies on environmental parameters in relation to algal bloom formation in different ecological conditions: N. Chakravorty, Aditi Pal,


555


Chemistry:

2004


3. Recent Advances in the 1,3-Dipolar Cycloaddition Reactions of Nitrones – A. Banerji and D. Bandypadhyay, J. Indian Chem. Soc. 2004, 81, 817


18. Model Questions Booklet in Electric-Chemistry (for 3-year B.Sc. General Course) Edited by Prof. G. N. Mukherejee, Published by University of Calcutta.


2005


560


562


41. Effect of sodium naphthalenide, a key SET reagent, on trifluoroacetyl derivatives. [Studies on single-electron transfer reagents: Part VII] Banerji, Avijit; Bandyopadhyay, Debasis; Basak, Bidyut; Sur, Kumar R.; Paul, Jyoti N.; Chatterjee, Asima; Banerji, Julie Tetrahedron Letters (2005), 46(41), 7033-7035.

42. Unexpected cycloadducts from 1,3-dipolar cycloaddition of 3,4-dehydromorpholine N-oxide to N-cinnamoyl piperidines-first report of the novel formation of 2:1 cycloadducts. [1,3-Dipolar cycloadditions: Part IX]. Banerji, Avijit; Bandyopadhyay, Debasis; Prange, Thierry; Neuman, Alain. Tetrahedron Letters (2005), 46(15), 2619-2622.


Electronic Science:

2004


8. "Er gettering of impurities in GaSb layers grown by liquid phase epitaxy," S. Dhar, A. Mondal, and N. Halder, Int. Conf. on Optoelectronics, Fiber Optics and Photonics, Cochin, India (Dec 2004).


Geology:

2004


565


Geography:

2004


**Marine Science**:

2004


2. A.K. Bhattacharyya: Levels of elements in the surficial estuarine sediments of the Hugli River, north-east India and their environmental implications – A. Bhattacharyya, S.K. Sarkar, S.F. Bilinski M. Saha and


2005


Physics:

2004


21. Positron Annihilation lifetime studies of bulk and nanocrystalline MgMn0.1Fe1.9In0.4 spinel ferrite, S. Ghosh, P.M.G. Nambissan and R. Bhattacharya, Phys. Left. A325, 301 (2004)


24. Positron annihilation studies on Li0.25Mg0.5Mn0.1Fe2.15O4 series, S. Ghosh, To appear in Indian Jour. Phys. 78B, 771 (2004)

25. In3+ substitution effects and defect distribution in Li0.25Mg0.5Mn0.1Fe2.15-xInyO4 studied by positron annihilation and Mössbauer spectroscopy, S.


2005


17. Electronic contribution to the elastic constants in strained layer quantum dot superlattices of non-parabolic semiconductors with graded interfaces, S. K. Biswas et al., accepted for publication in Journal of Computational and Theoretical Nanoscience.


42. Remarks on flavour mixings from orbifold compacLi_cation, G. Bhattacharyya and A. Raychaudhuri, hep-ph/0511276.


Physiology:

2004


2005

1. Prospective protective role of melatonin against arsenic induced metabolic toxicity in Wistar rats: Pal S. and Chatterjee A.K., Toxicology 208, p.25-33, 2005.


10. Effect of cassava (Manihal esculenta Crantz) on thyroid status under conditions of varying iodine intake in rats: Chandra A.K. Ghosh D,


Department of Psychology:

2004


5. The Psychology of adolescence with sketches of guidance format – 

6. Personality profile of siblings of children with autism: A comparative 
study” in SIS Journal of Projective Psychology and Mental health, 11, 

7. “Ego functions in relation to stressful life events and indices of 
Psychopathology in paranoid Schizophrenia” in Psychological Reports, 
2004, 95, 1248-1252.

8. psychiatric Morbidity as a risk condition in HIV infection. S, Das, V. 
Malini, S. Bhattacharya, B. Saha Indian Journal of Clinical Psychology 

2005

1. Who’s afraid of Rorschach Inkblot? Projective studies in India: an end 


3. psychological Intervention for Oncological Patients : A Psychon- 
ocological approach : Nilanjana Sanyal. Journal of Psychometry, 

4. Handling mental disorders in the canvas of community mental health 
service programmes : Nilanjana Sanyal. The Bengal Journal of 

5. Confirmatory factor analysis of the ego function assessment scale: 
Reports on two normal, samples : Saugata Basu, Indian Journal of 

6. “Efficacy of JMPR (modified) on hypertension and associated 
psychological parameters: Saugata Basu. In Indian Journal of Clinical 

7. “Efficacy of JMPR (modified) on hyperetension and associated 
psychological parameters: Sanjukta Das. In Indian Journal of Clinical 
Department of Pure Mathematics:

2004


2005


Department of Statistics

2004


2005


Department of Zoology:

2004


22. Pramanik, P.B. and Manna, B. Polypocephalus himansui n. sp. (Cestoda: Lechanicephalidae) from Rhynchobatus djeedensis Forsskal, 1775, from bay of Bengal at Digha coast, West Bengal, India. Indian Journal of Animal health.


2005


30. Pramanik, P.B. and Manna, B. 2005: Gymnorhynchus borsai n. sp. (Cestoidea : Gymnorhynchidae) from Dasyatis walga Muller & Henle, 1841 from bay of Bengal at Digha coast, India, GEOBIOS.


Department of Education:

2004


2. Dr. Sannistha Chakrabarti: Literacy achievement in W.D. paper accepted for by The editor of Indian Educational Review, NCERT and A study offemale literacy achievement in rural West Bengal, published in Indian Educational review V of. 1, January 2004, NCERT.


Department of Library and Information Science:

2004


8. Dr. Biplab Chakraborti: Information need of Dhibar Community of Pakhirala in Sundarban region, South 24 Parganas, West Bengal, 2004;

9. Information Support for rural development through local history collection (abstract); Co-authored, 2004-05; 21st IASLIC Seminar, Jadavpur University.


2005

Books:


Papers


3. Information support for rural development through local history collection : Dr. Biplab Chakraborti. (Co-authored). 2004-05, 21 IASLIC Seminar, Jadavpur University. Kolkata


7. Role of TSRD as community information center : Dr. Biplab Chakraborti, (Co-authored), v. 7 & 8, CUJIS, CU, Kolkata.
8. Preservation system: a survey of College libraries of Darjeeling District: 
Dr. Biplab Chakraborti. (Co-authored), v. 7 & 8, CUJIS, CU, Kolkata.

9. Information need of cottage industries: a survey on North 24 Parganas 
District: Dr. Biplab Chakraborti. (Co-authored), v. 7 & 8, CUJIS, CU, 
Kolkata.

10. Concepts of Community Information Services in the west and in India: 
Dr. Biplab Chakraborti. 2005, in S. K. Sen ed. Politics Culture and 

11. Inference Engine for Devices of Colon Classification in AI Based 
Automated Classification System: Dr. Pijushkanti Panigrahi, Annals of 
Library and Information Studies, Vol.52, No.4, December; 2005, p. 124- 
134, (With DR. A. R.D PRASAD)

12. Inference Engine for Space isolatres of Colon Classification for AI Based 
Automated Classification System: Dr. Pijushkanti Panigrahi, SRELS 
Journal of Information Management, Vol.42; No.4, December; 2005 
(With DR A R D PRASAD)

13. Digital Libray: A Mission for the near future: Dr. Pijushkanti Panigrahi, In 
BANERJEE (Biswajit), Ed. Automation and Networking the College 

14. A Knowledge Representation Model for Time Isolates of Colon 
Classification (7th Edition): Dr. Pijushkanti Panigrahi. SERLS 
Journal of Information Management, vol.42 [3], p.221-244, September; 2005, With 
DR ARD PRASAD).

15. Library Services in the Dot Com Era: Its Protection against Cyber 
Crimes : Dr. Pijushkanti Panigrahi. IASLC Bulletin, vol50 [2], (Special 
Issue on Information Services in Cyber Age), June, 2005. p116-124, 
(With ATIN NANDI).

Department of Business Management:

2005

1. Paul Sweezy and the Theory of Economic Stagnation: Artha Beekshan: 

2. Resources for autonomy – financing the local bodies; included in politics 
of autonomy: Prof. R. Khansbis, edited by Ranabir Samaddar, Published 
by Sage, India, 2005.

3. Tracing the school children in kolakta slum: Prof. R. Khansbis, published 
by CINI-Asha


6. An Economic Evaluation of the Water bodies: A case Study on the Sagar Dighi of Coochbehar: Prof. R. Chakraborty & Mrs. N. Bhattacharya. Department of Business Management, Calcutta University, 11\textsuperscript{th} march ‘05.

7. Safe water options against arsenic problems in West Bengal: an awareness and socio-economic study: Prof. R. Chakraborty & Nirupama Bhattacharya. CSO, Bangalore, June ‘05.

8. Impact of awareness of arsenic on health and environment among the rural people: A case study on the Villages of North 24-Parganas: Prof. R. Chakraborty, Pralay O’ Basu, Nirupama bhattacharya. Arsenic Pollution in West Bengal & Awareness Generation Programme 5\textsuperscript{th} & 6\textsuperscript{th} August 2005, UGC Sponsored, Organised by Srikrishna College Bagula, Nadia.


Department of Commerce:

2004


3. Prof. Bhabatosh Banerjee: Management of non-performing advances in the public sector banks in india, The Journal of Banking information
Technology and Management, January-June, 2004 (jointly with Anish K. Dan).


30. Ashish Kumar Saha: Indian financial system and financial market operations (both in English and Bengali) published by Rabindra Library, Kolkata (jointly with Dr. S.P. Nayak) (2nd Edition).


2005


602


17. The Demographic transition in West Bengal Since 1950 – An Inter-District study: Ratan Kumar Ghoshal and Jayabati Gangopadhyay, Artha Beekshan, October 2005.


Department of Arabic and Persian:

2004

1. Prof. S.M.S. Al-Quadri: Islamic terrorism.

Department of Archaeology:

2005


2. Rupendra Kumar Chattopadhyay: A Preliminary archaeological exploration in a region along the rivers Ajay, Damodar and Dwarakeswar, presented in the Annual Session of the Indian History Congress, 2005-2006, and recommended for publication.


4. Rupendra Kumar Chattopadhyay: Archaeology of South Bihar Plain, In the forthcoming Volume entitled 'Historical Archaeology of South Asia', to be published by the Centre of Archaeological Studies and Training in Eastern India.


6. Rupendra Kumar Chattopadhyay: Delivered a lecture on 'Indus Valley art' for the Appreciation of Indian Art Course under the Museum and Art Gallery Department, of The Ramakrishna Mission Institute of Culture, Gol Park, Kolkata, 24-08-2005.
7. Rupendra Kumar Chattopadhyay: Delivered two lectures on ‘Hindu Temple Architecture, nagara, Vesara, Dravida’ for the Appreciation of Indian Art Course under the Museum and Art Gallery Department, of The Ramakrishna Mission Institute of Culture, gol park, Kolkata on 05-09-2005 and 07-09-2005.


10. Bishnupriya Basak: Valentine Ball, the beginnings of prehistory and the tales of a jungle life, paper presented at the 10th national seminar of the Centre for Archaeological Studies and Training, eastern India, Kolkata on History of Indian Archaeology, 6th-8th November, Kolkata, 2005.


Department of Bengali Language and Literature:

2004


21. Rabindra Drishtite Ora Aamra O Tara : Bimal Kr. Mukherjee

22. Kabi Dube More, Kabi Bhese Jay Alokananda Jle: Bimal Kr. Mukherjee


606
36. Aamar Jibanananda (Jantrastha): Himabanta Banerjee
40. Prajukti Bijiganer Juge Lokayata Sanskritir bhabiswat: Sanat Kr. Naskar
41. Subrtata Rudra: AK Swanubhab Bikkhan: Sanat Kr. Naskar
42. Alokranjan: Nijaswa Pathher Aynay: Sanat Kr. Naskar
47. Baba Bamangazi : Ak Sthanik Loukik Debata: Sanat Kr. Naskar


51. Nildarpana (Ed.): Sucharita Banerjee

52. Lexicography in bengali – An Analyhsis of methodology: Sucharita Banerjee.


2005

Dr. Bimalkujmar Mukhopadhyay
Dr. Manas Majumdar
Dr. Manilal Khan
Dr. Biswanath Roy
Dr. Chanda Roy
Dr. Urmi Royuchowdhury

No book published by these authors. But they have contributed many articles in many little magazines

Dr. Tarunkumar Mukhopadhyay:
1. Rabindranath: nivrita praner devata (Karuna prakashani);
2. Kabi Samsur Rahaman (ebang musheyra);
3. Ganer Rabindrabnath (Juthika book stall);
4. Aatbachhar aager ekdin: bhabna o bhashya (Sonar tari);
5. Bangla nataker dikdiganta (Ekush satak);
6. Ek dashak: tin oupyanasik (Supreme publishers);
7. Hargouri: novelette (Achin prakashani);
8. Jibanananda: Anek koras (Pandulipi);
9. Bangaleer shakuntala charcha: Unish satak (Sanskrit pustak bhandar);
10. Hemchandrer Britrasamhar (Dey’s pub);

Dr. Himabanta Bandyopadhyay:
1. Aamar Jibanananda (Bama Pustakalaya);
2. Galpo niye kabita niye (Bama Pustakalaya)
Dr. Sanatkumar Naskar: Sahitya prabandha: sekale ekale (Bama Pustakalaya).

Dr. Sucharita Bandyopadhyay: Lexicography in Bengali: An Analysis of Methodology & Content (Papyrus).

**Department of Economics:**

**2004**


**2005**


2. SoumyendreanathSikdar : Principles of macroeconomics, OUP.


610


**Department of English:**

**2004**


4. Sudeshna Chakrabarty: Published reviews, features, translations from French and German for The Statesman, Anandabazar, Ganashakti, Book Line and College Street, published by the West Bengal Publishers’ Guild and many other journals and anthologies, both English and Bengali, Published short stories in several Bengali Journals.

5. Sudeshna Chakrabarty: Translated on articles from German for a volume in honour of Sukumari Bhattacharjee, Published a book review on Post Modernism in the journal of the Ramkrishna Mission of Culture.


7. Sanjukta Dasgupta: Publication Mostly poems etc.


2005

1. Krishan Sen and others: A Passage to India and the Imperial Gaze in Maria Graham’s Journal of a Residence in India (1812), “Nineteenth Century Literature in English (Published by The Korean Society of Nineteenth Century Literature in English), Vol. 9-1, 231-260, 2005

2. Krishan Sen and others: The White Man’s Burden Reconsidered: A Subaltern Re-Reading of Kipling’s Kim, the Korean Journal of Literary Studies, vol.9[3], p.323-371,2005, (This work was supported by a Korea Research Foundation Grant)


6. Sudeshna Chakravarty:
   a) Contributed to the Journal of the Bangladesh High Commission.
   b) Contributed to the Newsletter of the Bangladesh Academy, Kolkata.

612
7. Sona Roy: A. P. Gupta Chattogram Bidroher Nayak : Surya Sen, translated from Bengali to English by Dr. Sona Roy and Dr. Samita Choudhury, Published by Parul Prakashani, Kolkata.


Department of French

2004


Department of Hindi:

2005

2. J P Chaturvedi: Yuddh, Global Sanskrit Aur Media, 2005

Department of History:

2004


7. Arun Bandopadhyay: Forest, land use and water in colonial south-asia : issues from agrarian and environmental history, in R Chakrabarti (ed), Situating Environmental History, New Delhi.


10. Nirban Basu : The Role of Peasantry vis-a-vis the working class Movement: The Bengal scene in the first half of the 20th Century, in History vol. VI [3], published by the Department of History, Burdwan University, December 2004


12. Amit Dey: The image of the Prophet in Bengali Muslim Piety.

13. Amit Dey: Hindu-Muslim Relations in Bengal, in Nihar Ranjan Ray Centenary Volume to be published by the Centre for Archaeological Studies, Kolkata.


2005


   iii) Suranjan Das: Review articles in Bengal Past and Present, Economic and Political Weekly, Visva-Bharati Quarterly.

   iv) Suranjan Das: Contributor to the New Dictionary of National Biography (Oxford University Press)


10. Hari Vasudevan: Review Article on Dipesh Chakravarty, Provincializing Europe, etc. IESHR (Sage, New Delhi 2005)


23. Amit Dey: The Image of Women in the Prophetic Mirror, the Bengal Experience, Bengal Past and Present in April 2005.


30. Rajsekhar Basu : Reinterpreting Dalit Movement in India (a review essay), in Indian Historical Review.


40. Sanjukta Das Gupta: Changing World of the Singhbum Hos, 1820-1932' in Special Adivasi issue of Indian historical Review (ed by Biswamoy Pali)


42. Sanjukta Das Gupta: Monograph on 'Hundred Years of the Calcutta Police, co-authored with Suranjan Das, Basudeb Chattopadhyay, and Raj Sekhar Basu.


44. Sanjukta Das Gupta: Book Reviews in Indian Historical Review 2005.


46. Ranjit Sen: The Bengal Partition and the Metropolitan Bengal Mind. In West Bengal, 2005

Department of Islamic History and Culture:

2004


7. Ratnabali Chatterjee: Two Articles — One on Violence and others a Micro-study on education of Muslim Women in Jashodhara Bagchi ed. “Changing Status of Women in West Bengal.”

Department of Linguistics:

2004


5. Sumita Bhattacharya: Bangla Obhidhaner Sankhipto L5ibritto (in Bengali) in Sandhitsa Nov. 2004


12. Abhijit Majumdar: Bharatchandrer ‘Annadamangal’ : dhvanyatmak prayoger prakaushal (Onomatopoetic forms as textual device in


2005


3. Abhijit Majumdar : Candimangallakhetika khanda : samgathan o sailibicar (Structural and Stylistic analysis of Candimangal), Dey’s Publ. Kolkata, Total Pages, 250 , January, 2005).


7. Mrinal kanti nath : Akademik Banan Samskara – Amritalok, Kolkata, 2005


10. Sumita Bhattacharya (Bhaduri) : Some Words About Bengali (e) and (q) – Bulletin of the Department of Linguistics C.U No.14, 2005
Department of Museology:

2004


2005


2. Chhanda Das : Book / Monograph published:
   i. A Treatise on Wildlife Conservation in India, Kolkata, 2005
   ii. An Approach to an ideal Zoological Museum in India, Kolkata, 2005


5. Mahua Chakraborty:
   i. “Museums of India”, by National book Trust, India

Department of Pali:

2004


2005.


5. Mani Kutala Halder (De) : Topographical and Geographical features of Central Asia, Afghanistan and Pakistan, Journal of the Department of Pali, C.U. 2005


Department of Philosophy

2004


6. Priyambada Sarkar: An Article ‘entitled Wittgenstein on following a rule’ has been accepted for publication in Darshan manjari Burdwan University, 2004.


2005


7. Roma Chakraborty: Swapna (Bengali), Journal of the Department of Philosophy of Niswambalananda College, Uttarpara.


Department of Political Science:

2004


625


2005

1. Satyabrata Chakraborty: Political Sociology, Macmillan, New Delhi, 2005


12. Didhiti Biswas: Environmental concern and awareness as found in a few Ancient Indian Texts, Semusi, Department of Sanskrit, Mrinalini Datta Mahavidyapeeth, 2004.


Department of South and South East Asian Studies:

2004


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Department of Tamil:

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Department of Law:

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Department of Agricultural Science:

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Department of Centre for Urban Economic Studies:

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7. Mahalaya Chatterjee: Urbanisation, urban informal sector in North-east India – The Land Question, in the Conference Volume of North east India Council of Social Science Research, Shillong.

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Department of S N Pradhan Centre for Neuro Science

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1. Majumdar, A, Bhattacharya, R. Basak, S Shaila, MS: Chattapadhyay, D. Ray, S P protein of Chandipura virus is an Nprotein-spectic Choperone that acts at the nucleation stage, Biochemistry 43, p.2863-2870, 2004


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APPENDIX-9E
Year-(2006)

List of Publications of Teachers and Research scholars, C.U.:

Department of Applied Optics and Photonics:


Prof. A. Ghosh:


Rijuharma Chakraborty, Sendhil S. Raja, Ajay Ghosh: Generation of Hyperbolic Beam, presented in Frontiers in Optics (FIO) 2006, Rochester, New York, USA

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Shyamaprasad-Choudhury, Debalina Ghatak, Mina Ray: Steganographic encryption and decryption Using Discrete cosine Transform (DCT), Paper INSI, Photonics 2006, December 3-16, 2006, Hyderabad, India
Department of Chemical Engineering:

A) Paper published in referred journal.

National Journal


5) S.M Hassain, M. Das: Modeling & Simulation of CSTR ( batch) design for polystyrene process, Process & Plant Engg.

International Journals


B) Paper presented in Conferences / Symposium/ Workshop :


C) Paper accepted for publication:


3) Sampa Chakrabarti, H. Dutta: Dye sensitized photo catalytic degradation for PVC-ZnO compo film, International J of Environmental Technology and Management, Accepted in November 2006 for the publication in the special issue entitled "Advanced technology in environmental rehabilitation.


Department of Chemical Technology:

A) Paper published in referred journal:


3) Mallick, D., Das S., Chakrabarti, O.P., Maiti, H.S. and Majumdar,


Prof- A. Mukherjee:


Prof. S, Biswas:

Prof. (Ms.) D. Biswas:

Dr. U. Ray Chaudhuri:

Dr. S. Ghosh:

Dr. S. Mukhopadhyay:
Dr. A. Saha:


Dr. (Mrs.) S. Datta:


2) Effect of Pseudomonas sp. on Diesel and other Petroleum fractions, Rupma Saha, S. Datta and Dipa Biswas, the Journal of Indian Chemical Society, vol 83, November 2006, p. 1185-1186.


Dr. (Mrs.) M. Ghosh:


Dr. (Mrs.) D.Mitra:

Department of Computer Science and Technology:


Department of Radiophysics and Electronics:

Abhirup Das Barman, Ipsita Sengupta and P. K. Basu  

A.Ghosai and D.Chattopadhayay  

S. Ray, A. Paul and A. DasGupta  

A. DasGupta, A. Paul, S. Ray, A. Das and S.Anantlia-krishnan,  

Mukul, K. Das and V. R. Das  

N. R. Das and Alakananda Mitra  

S.S.De, P..K.De,S. K.  
Study of Amplitude Spectrum of VLF physics and

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Arpita Das and Mahuya Bhattacharyya

Faculty of science:

Department of Anthropology:


6. Arup R. Bandyopadhyay (with Diptendu Chatterjee, Jyoti; Ratan Ghosh, Sudeshna Chand); Relationship between anthropometric measurements and body composition among Santal girls aged between 6-10 years of Galudih, Jharkhand, India". The Anthropologist, 8(4), p. 241-243, 2006.
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Department of applied mathematics:

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Department of Applied Psychology:

Dr. Subrata Dasgupta

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Dr. S. Bhattacharyya

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Dr. J. Basu

Communal Stereotype and Family Relationships within Inter-religious Marriage in India:


Prof. S.K. Dasgupta

Dr. Sibnath Deb


Department of Biochemistry:


Dr Sengupta


Department of Botany:


13. Chan NE, Ye GY, Liu ZC, Yao HW, Chen XX, Shen SZ, Hu C, Datta SK (2006) Field assessment of he effects of transgenic rice expressing a fused gene of cry IAb and crylAc from Bacillus thuringiensis Berliner on non-target planthopper and leafhopper populations, Environ Enter.no 125, p. 127-134


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Department of Chemistry:

Prof. A. Banerji  


Prof. (Mrs.) J. Banerji  

Prof. G. N. Mukherjee  


Prof. A. Patra  

Prof. S. Ray  


Prof. S. K. Kar


Prof. Syamal Chakrabarti

Books:

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2) Bigyani : Fera O Fire Dekha /Mitram January 2006

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Dr Swapan Chakrabarti


Department of Electronic Science:


Prof. P. Chattopadhyay

Department of Marine Science:


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Department of Physiology:


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Dr. Saugata Basu


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Department of Statistics:

Prof. S. Sengupta


Prof. N.K. Mandal


Prof. K. Das


Prof. U. Bandyopadhay

1. An optimal sequential procedure in ethical allocation, Journal of Statistical Planning and
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Prof. M. Pal


Department of Zoology:

Aditya G. and G.K.Saha


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Dr. B.C. Guha Centre for Genetic Engg. and Biotechnology:

a) Professor Dhrubajyoti Chattopadhyay


b) Dr. Koustuhh Panda


c) Dr. Rajat Banerjee


Faculty of Education, Journalism and Library Science:

Department of Library and Information Science:

Dr. Ratna Bandyopadhyay


b) Rural-information Services: measuring impact (In Information Strategies for Rural India, Vidyasagar University and Introductive Education. April 2006, 216-221
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Department of Business Management:

Prof. R. Chakraborty
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2. Ashish Kumar Sana  


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Department of Ancient History and Culture:

Dr. Sudipa Bandyopadhy

Kakdigir Vikata: Ekti Asanakta Murti was presented at the 22th Annual Contence of Paschimbanga Itihasa Samsad at Rnmkrishna Mission Mahavidyalaya, Narendrapur on January 25. 2006.

Patronage and Early Indian Buddhist Architecture was presented at the 11th Annual Seminar of CAS TEI, Kolkata on November 6, 2006

Dr. Suchandra Ghosh

Presented a paper at the Indian History Congress held in Visvabharati, Santinsketan on. January 28th, 29th and 30th, Monetization and Exchange Networks in Early Historic Bengal : A Note Defining Some Problems.


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Dr. Susmita Basu Majumdar


Dr. Susmita Basu Majumdar
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Catalogue of imperial Punch Marked Coins of India in the British Museum. funded by the British Museum and Royal Numismatic Society, London.

Smt Sayantani Pal
Joint paper with Dr. Suchandra Ghosh entitled Political Geography & Locational Importance of Samatata-Herikela Region in History, Culture & Coinage of Samatata & Herikela, edited by J.
Acharjee, Agartala. 2006.

Presented a paper in the eleventh annual seminar on Architecture in India: Text & Context organized by the Centre for Archaeological Studies & Training, Eastern India in November, 2006, the title being Creation of Sacred Structures in Bengal (C.400-1300 A.D.): A Study Based on Inscriptions.

Department of Arabic And Persian:

1. Mr. I.A, Molla: Al-Majmaul Umi, Aligarh (A.M.U.),
   Title: Tatawurur Riwaya al Haditha anis Sahhafatayn

Department of Archaeology:

Dr. Asok Datta (Reader)

1. Presided over a session on "Archaeology of Eastern coast of India and overseas trade", in 17th Confidence of Indo-pacific Association held in Phillipines, 2006.

2. Presided over a session on South Asian Archaeology in the 1st Annual commerce of SOSAA (South Asian Archaeology) held in Mumbai University in December, 2006.

3. Archaeology of Chandraketugarh and overseas trade in 17th conference of Indo-pacific Prehistory Association held in Manila, Phillipines, in 2006.


Dr. Rupendra Kumar Chattopadhyay (Reader):


3. A Preliminary Archaeological Exploration in a Region along the Rivers Ajay, Damodar and Dwarakeswar, presented in the Annual Session of the Indian History Congress, 2006.


Dr. Durga Basu (Reader)


2. Temples and Terracotta art of Bishnupur (Bankuta), in SOSAA'S 1st International Conference of South Asian Archaeology, 2006.

Dr. Bishnupriya Basak (Sr. lecturer):


2. Upper Palaeolithic Culture in the Chotanagpur plateau comprising parts of the modern states of Jharkhand, West Bengal and Orissa: a few observations, paper read at the National Seminar on Upper Palaeolithic Cultures in India, Allahabad Museum, Allahabad.

3. Tribal habitats: Huts and Halls, paper read at the national seminar of the Centre for Archaeological Studies and Training, eastern India, Kolkata.

Department of Bengali Language and Literature:

Dr. Tarun Kumar Mukhopadhyay

1. Rabindranatyakalap (Papiras)

2. Natvakar Molyar (Sahityasangi)

3. Premendra Mitra : Kobi O Golpokar (Pratibhas)

4. Bangla Chhotogolper Digboloy (Bhasa O Sahitya)
5. Soundarjyadarshan; Sri Aurobinda O Abanindranath (**intha Bikash)

6. Jyotirindranath Thakurer Satyasundar Mongol (Aruni/Sampadita)

7. Nabakrishna Ghosher Dwijendralal (Suprime/Sampadito)

8. Katha Pratimar Chalchitra (Karuna)

9. Kobir Sundor, Kabitay Sundor (Pratibhas)

10. Nilkantha Najrul (Achin)

11. Kobi Subhas Mukhopadhyay (Srijan)

Department of Economics:

Prof. Soumendra Nath Sikdar

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Prof. Sarmila Banerjee


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Dr. Sarbajit Chaudhuri

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Dr. Anjan Kumar Cakrabarti

Dr. Mahalaya Chatterjee


Dr. Arijita Dutta

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Sukanta Bhattacharyya


Department of French:

Paramita Das

1. Quatre Gitanjali: Translation from Bengali to French. Gospel of Sri Ramakrishna: Translation. Romain Rolland- India Translation from French to English.
Department of Hindi:

Dr Ram Ahlad Choudhury:

3. Jaruri hai moulik samasyan ka samadhan
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Department of History:

1. Dr. Suparna Gooptu Cornelia Sorabji: India's Pioneer Lawyer, Delhi. 2006, O.U.P.

Department of Museology:


Supreo Chanda


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Department of Pali:

Prof. Bela Bhattacharya
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Dr. Manikuntala Haldar (De)

Dr. Saswati Mutsuddi


Dr. Jayanti Chaterjee
Department of Political Science:

Professor Rakhahari Chatterji

(i) Book:

a. Introduction to Comparative Political
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(ii) Papers:


b. Developments in International Relations: Issues and Controversies,

c. Terrorism and the Liberal State.

Professor Prabhat Datta

Books:

1. Decentralisation, Participation and Governance, Kalpaz Publications, New Delhi, 2006


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Book:


Papers:

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Professor Tapan Kumar Chattopadhyay

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Professor Samir Kumar Das


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5. Ethnicity and Security in Assam Plea for Greater Indo-Bangladesh Partnership, in C. Joshua Thomas (ed.).


Dr. Sraboni Ghosh

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Dr. Bonita Aleaz

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