# **PUBLICATION OF THE FACULTY MEMBERS**

# **DEPARTMENT OF ANTHROPOLOGY:**

# Mr. Bhabesh Chandra Goswami.

## Books:

- (i) Prarambhik Nritatta for H. S. 2<sup>nd</sup> yr. Published by 'Amrita Prakasan, Ghy.
- (ii) Anthropology for Degree Course Part- I Published by Amrita Prakashan, Ghy.

# Dr. Jayashree Bhuyan.

# **International Journals:**

Sl. No	Year	Journal	Title		
1	2012	International Journal of Social	Anthropometric Characters of the Pati		
	Sciences Humanities and		Rabha Population group of South-west		
		Literature(Vol.I, 2012, ISSN-2277-	Kamrup District of Assam		
		842X			
2	2012	International Journal of Social	A study of Finger Demographic traits of		
	Sciences Humanities and		the Hajongs of Kamrup Districts Assam.		
		Literature(Vol.I, 2012, ISSN-2277-			
		842X			

# National Journals:

Sl. No	Year	Journal	Title
1	2013	Frontier Anthropology: A Journal of	Demographic Study among the Pati
		the Anthropological Society of Manipur, India Vol.1, 2012.	Rabha Population group of South West Kamrup District of Assam.

# Chapter in Books with ISBN:

1. People of Contemporary North East India: (ISBN: 81-88705-12-2) Topic-" A Study on some genetic traits in the Hajong and Pati Rabha of undivided Kamrup, Assam".

# Mrs. Binaya Devi

# National Journals:

Sl. No	Year	Journal	Title
1	2013	Traditional Knowledge System of N.E, India ISBN-978-924052-0-9, 2012	Household tools of the Pati Rabhas of Assam: A Case study of Haldhipara Village in Boko

## **Books with ISBN:**

- 1. A Note in 'Karen' published in Assamese encyclopaedia, *Biswakosh* 8<sup>th</sup> Edition, 2005 published by 'Assam Sahitya Sabha'
- 2. A Note in 'Melanesian Society' published in Assamese encyclopaedia, *Biswakosh* 9<sup>th</sup> Edition, 2006 published by 'Assam Sahitya Sabha'
- 3. A Note in 'Laho' published in Assamese encyclopaedia, *Biswakosh* 9<sup>th</sup> Edition, 2006 published by 'Assam Sahitya Sabha'

# **DEPARTMENT OF ASSAMESE:**

# Mr. Jatin Chandra Medhi.

## National Journals:

Sl.	Name of the paper	Name of the	Vol. No	ISSN No.	Year of
No		Journal			Publication
1	Asomiya samaj	Research Journal	Vol. I	ISSN 2319-	2013
	Gathanat mahapurush	Asomjyoti		8559	
	Sankardevar				
	Bhumika				

## Dr. Kamaleswar Thakuria.

# National Journals:

Sl.	Name of the paper	Name of the	Vol. No	ISSN No.	Year of
No		Journal			Publication
1	Purani Asomor	Research Journal	Vol. I	ISSN 2319-	2013
	Rag Sangit Aru	Asomjyoti		8559	
	Bargit				

2	Nongyangar Ipare-Sipare	Janaseva	Vol. II	ISSN 2917	2319-	2013
3	Guru Dujanar Borgitar Prasanga	Janaseva	Vol. VIII	ISSN 2917	2319-	2013
4	Taslima Nasrinar Dristit Nari	Bartapakhili	Vol. XII	ISSN 9865	2249-	2012
5	Purani Asomor Rag Sangitor Aitihy	Ninad	Vol. VIII			2012
6.	Charyapad: Asomiya Dhrupadi Sangitor Ek Prajvol Dhara	Janasewa	Vol. II	ISSN 2917	2319-	2012

# Books:

- a) Gitee Sahitya Bichar, 2007.
- b) Charyageet Aru Chiyageet: Eti Tulanatmak Adhyayan, 2013.

# Dr. Khirod Kumar Thakuria.

# National Journals:

Sl.	Name of the paper	Name of the	Vol. No	ISSN No.	Year of
No		Journal			Publication
1	Vidyapati Aru Sankardevar	Research Journal	Vol. I	ISSN	2013
	Birah Git : Eti Bishleshanatm	Asomjyoti		2319-8559	
	ak Adhyayan				
2	Bishnu Rabhar Chithi : Eti	Junaseva	Vol.IV	ISSN	2013
	Alochona		No. XII	2319-2917	

# Dr. Lalit Chandra Rabha.

# National Journals:

Sl.	Name of the paper	Name of the	Vol. No	ISSN No.	Year of
No		Journal			Publication
1	Dharma Aru Bhasa :Ek samaj	Bartapakhili	Vol. 18	ISSN	2013
	Bhasatatvik Adhyayan		No. 11	2249-9865	
2	Janajatiya Sanskritit	Research Journal	Vol. I	ISSN	2013
	Sankardevar Prabhav	Asomjyoti		2319-8559	
3	Janajatiya Sanskriti	Janaseva	Vol. V	ISSN	2013
			No. I	2319-2917	
4	Rabha Lokgit Aru Nritya	Bartapakhili	Vol. 18	ISSN	2012
		_	N0. I	2249-9865	
5	Hiren Bhattacharjya Aru teor	Janaseva	Vol. 1V	ISSN	2012
	Kabitat		No. I	2319-2917	

6	Lokgitat Janajivanar pratichchabi	Bartapakhili	Vol. 16 No. IX	ISSN 2249-9865	2011
7	Rabha samajat Devi puja	Bartapakhili	Vol. 17 No. I	ISSN 2249-9865	2011
8	Rabhar Bahurangi Aru Bihugit : Eti Tulanamulak Alochona	Bartapakhili	Vol.15 N0. VII	ISSN 2249-9865	2010
9	Uttar-pub Bharatar Lok Sanskritir Adhyayanat Bishnu Rabhar	Bartapakhili	Vol. 15 No. IX	ISSN 2249-9865	2010
10	Rabhasakalar Bhasik Aru Sanskritik Dish	Asom Sahitya Sabha Patrika,	Vol. 64, No. IV		March, 2010
11	Nari Aru Purushar Bhasa : Eti Samajbhastatvik Adhyayan	Bartapakhili	Vol. 14 N0. IV	ISSN 2249-9865	2009
13	Dakshin Kamrupar Upabhasa : Ek Samaj bhasatatvik Adhyayan	Bartapakhili	Vol. 14. No. IX	ISSN 2249-9865	2009
14	A Study on the culture of the Rabhas	The Tai	Vol. VII		2009
15	Pidgin Aru Creole	Bartapakhili	Vol. 14 No. I	ISSN 2249-9865	2008
16	Asomiya Kabitat Pratik	Bartapakhili	Vol. XIII No. XI	ISSN 2249-9865	2008
17	Basanta Utsav Baikho Aru Bihu : Eti Tulana	Bartapakhili	Vol. XII No. IX	ISSN 2249-9865	2007
18	Asomiya Lok- Sahityaloi Pati Rabhasakalar Avadan	Bartapakhili	Vol. 12 No. XII	ISSN 2249-9865	2007
19	Pali Sahityat Nari Soundajyar Barnana	Bartapakhili	Vol.XI No. V	ISSN 2249-9865	2006
20	Naribad aru Nirmal Prabha Bordoloir Keitaman Kabita	Bartapakhili	Vo. IX No. X	ISSN 2249-9865	2004
21	Janajatiya Basanta Utsav	Bartapakhili	Vol. IX No. VII	ISSN 2249-9865	2004

# Proceedings of Seminar/Conference/Workshop:

- 'A Study on the Culture of the Rabhas' published in the proceedings of the International Seminar on 'Tai, Tribals and Other Etnics of North-East India along with a comparative study of Tai, Thai and other Etnics of South-East Asia and Southern China' organized by Purbanchal Tai Sahitya Sabha on 26<sup>th</sup>, 27<sup>th</sup> and 28<sup>th</sup> March, 2009.
- 'A Study on the Socio-cultural Background of the Rabhas' in the proceeding of UGC sponsored seminar 'The Folklore Study of North-Eastern Region with Special Reference to Garo Hills' organized by the Mendipather College, Meghalaya on 7<sup>th</sup> February, 2005.

## Chapter in Books:

- Nominalisation in Rabha, in the book 'Focus on the Rabhas' Jointly with Dr. Upen Rabha Hakacham, published by Cambridge India, ISBN ISBN: 81-7679-455-4., 2010
- Mamani Raicham Goswamir Dantal Hatir Unye Khowa Haoda, in the book 'Mamani Raicham Goswami: Jivan Aru Sahitya, edited by Moucham Gogoi and published by Kiran Prakashan, ISBN 978-93-82164-104, 2012
- Bhabendranath Saikiar Gahbarot jug-chetanar Pratiphalan, in the book 'Dr. Bhabendranath Saikia: Srosta Aru Drosta' published by Kunti Devi Trust, 2005.
- Aristotleor Sahitya Somalochana, in the book 'Pravandvali' published by the Department of Assamese, Gauhati University in collaboration with Chandraprakashan, Guwahati, 1999, Page-105

#### Books:

- a) Asamiya Lok Sahityaloi Rabhasakalar Avadan, Published by Assam Institute of Research for Tribal's and Scheduled Caste, 2011
- b) Boko Anchalar Itihas, 2011
- c) Rabha sanskritir Rengani, 2009
- d) Lok Sanskritir Subas, 2001
- e) Kaina Mor Dhuniya, 2000

# Mrs. Manjira Sharma.

#### National Journals:

Sl.	Name of the paper	Name of the	Vol. No	ISSN No.	Year of
No		Journal			Publication
1	Mahapurush Sankardevar	Asomjyoti	Vol. I	ISSN	2013
	Rachanat Bhakti Ros			2319-8559	

# **DEPARTMENT OF EDUCATION:**

# Mrs. Rumita Phukon.

#### National Journal:

- i. Phukon, R. (2011). SOS Children's Village: A Home for the Destitute. *Indian Journal of Social Science and Sciences*, 1(2), 2011(ISSN: 2231-2447).
- ii. Phukon, R. (2012). "Mother Role" A Key Issue For Child Development in SOS Children's Village. *Journal of Judicial And Social Science*, 2(2), (ISSN 2231—4636).

#### **Book edited:**

Editor of the Women's Cell Journal "Prerona"

#### Books with ISSN/ISBN No.:

a. "Teachers Role in Youth Welfare in Assam" published in the "Globalization, Higher Education & Youth" E.B.H. publishers, India Guwahati, ISBN-978/93/80261/041 in 2010.

# Mrs. Bijaya Deka.

#### National Journal:

Samajik Sanhati Rakshat Satra Samuhar Bhumika: Darrang Zillar Khatara Satrar Prasangare" in "Assam Jyoti" Vol.1 2013.(ISSN – 2319-8559)

## Proceedings of Seminar/Conference/Workshop:

- a. "Role of Jan Shiksha sanstha in the Empowerment of Women in Boko Development Block of Assam", published in the Empowerment in Independent India: Its effect on Culture Identity and Environment of the People of the North-East, Published by Seminar Sub committee, Bikali College, Dhupdhara, Goalpara, Assam (2012) ISBN 978-93-80247-16-8.
- b. "House holds Tools among the Pati Rabhas: A Study in Haldhipara Village of Boko, Kamrup, Assam" published in the Traditional Knowledge System of North-East India, Published by Department of History, Mangaldai College, Mangaldai. 2012. ISBN -978-81-924052-0-9.

#### Books:

- a. Aair Saman Hobo kun (No one liked my mother)-2004, ISSN 81-7550-281-9.
- b. Konkonar Kabita(2001)
- c. Akoni aru Rousseau(
- d. Bordeutar Logat (2003)
- e. Putukan Parhashali aru Maak.(2006, 2008)
- f. Smritigatha (2008)
- g. Tultular Sapon (2010)

#### **Books Edited:**

- (a) Rengoni Lt. Thanuram Deka's Life and Work, (2003)
- (b) Preronar Anya Nam Amalprabha (2011)
- (c) Nari Yuge Yuge (Souvenir-2011)
- (d) Smritigrantha (Souvenir Boko Sahitya Sabha-2013)
- (e) Souvenir 5<sup>th</sup> North East Mini Jamboree, Bharat Scouts Guides Assam, 2006.

# Mrs. Dipanjali Kalita.

#### National Journal:

"Mahapurush sankardev aru taur anugamir rasanat bouddha tatokio prasanga" Published on Research journel 'Assamjyoti' vol. 1. 2013. ISSN 2019-855.

# Proceedings of National Seminar:

Chetry, R. and Kalita, D. Economic Empowerment of Rural Woman and Mouman sewashram of Boko Area: A case study. Published in the Proceedings of National Seminar "Women and Empowerment" 2013.

# **DEPARTMENT OF ENGLISH:**

## Mrs. Ratnamla Sharma.

## National Journal:

Sharma, R. (2013). Universality of Sankardeva's Philosophy. "Asomjyoti", Vol 1, 2013.

## Chapters in Books:

- (i) "Ecofeminism: A Developing Concept published in the Book "Environmental Education: Concepts, Issues and Problems" (2011) published by K.K. Publication, Guwhati. ISBN -978 81 922273 0 6.
- (ii) "Ethnoecological Practices of Tribal Women of Boko Area." published in the Book "Environmental Education: Concepts, Issues and Problems" (2011) published by K.K. Publication, Guwhati. ISBN 978 81 922273 0 6.

# Mrs. Alimpa Bhuyan.

#### National Journal:

Published an article named "A Journey of Neo- Vaishnavism through" bearing ISSN No.2319-8559 in a research journal named "Asomjyoti", Vol 1, 2013

## **DEPARTMENT OF POLITICAL SCIENCE:**

## Dr. Praneswar Nath.

#### Books:

(a). Natun Prajamnor Bhabishyat Bikash Sadhan, 2006

- (b). Kalajayee Geet Aru Jiwan Darshan, 2005-06.
- (c). Dr. Bhabendra Nath Saikia: Shrasta Aru Drasta, 2005.
- (d). Contemporary Political Issues, 2007, 2008, 2009, 2011.
- (e). Pancha Ajamna Silpir Jiwan Surabhi Geet Suwadee, 2008.
- (f). Nath Yogy Jatir Anukule Pratikule, 2010.
- (g). Ajir Samay Aru Anubhab, 2012.
- (h). Srimanta Sankardev Aru Ajan Fakir, 2013.
- (i). Dr. Bhupen Hajarikar Jiwan Aru Darshan, 2011.

## **DEPARTMENT OF HISTORY**

Mr. Diganta Das.

**Books with ISSN/ISBN No.:** 01

Miss. Jutika Patir.

#### International Journal:

- i. Published a research paper entitled *The Mishings: a study of their religious Beliefs and Practices*, in The Tai research Journal of International conference on *Tai*, *Tribals and others ethnics of Northeast India along with a comparative study on Tai*, *Thai and Ethnics of Southeast Asia and for Tai*, *Tribal and Northeastern India studies*, Dhemaji, Assam and Co-operation of Tai literary and cultural Council and society for Tai Culture and Language Research and Development, held on 21<sup>st</sup> and 22<sup>nd</sup> Jan,2011, Dhemaji, Assam.p.56-62
- ii. Published a research paper entitled *Natural Disasters and Its Impact on Society, Polity and Economy of Assam (From the 19<sup>th</sup> to the mid of the 20<sup>th</sup> century AD)* in A Peer Reviewed International Journal of *Asian Academic Research Associates* for Social Sciences and humanities, 2013, Volume-I, Issue-8, p.238-248

#### National Journal:

- i. Published a research paper entitled *Christianity among the Mishings of Assam* in *Mezangkari* a Multidisciplinary Biennial Bilingual National Research Journal, ISSN-2278-604X, ADKW Publishers, Vol-1, Issue-2, 2012, Biswanath Chariali, Sonitpur, Assam. P.49-57
- ii. Published a research paper entitled *Ahom sokolor haj-par: ati aluchona* in *Pu-laon-chi* a research journal, ISSN-2229-5712, 12<sup>th</sup> edition, Institute of Tai Studies and Research Publisher, Centre for Tai, Dibrugarh University 2013.p.113-119

iii. Published a research paper entitled *The donyi polo-emergence of religio ethinicity* among the Mishings in journal of Historical studies of History department, Dibrugarh University. 2012

# Chapter in Books:

I. Published a chapter entitled *Role of Higher Education in Rural development* in *Globalization and Higher Education in India*, a research based book edited by Dr Ranjit Ranjan Saikia, First edition, jan, 2013, jorhat, ISBN-978-93-82030-34-8, Published by Unika Prakashan, Teok, Jorhat, Assam.p.52-60

# Books with ISSN/ISBN No.:

i. Published a book entitled *Continuity and changes in Religious Beliefs of the Mishings*, ISBN-978-93-83308-00-2, First edition June, 2013, Published by Sabda Prakash, Jorhat, Assam.

## **DEPARTMENT OF PHYSICS**

## Mr. Manoj Kumar Das.

Structural Characterization CdS Thin Flim by Chemical deposition Method, published in the Proceeding of 47<sup>th</sup> Annual Technical Session of Assam Science of Assam Science Society on 2<sup>nd</sup> February/2002.

# Dr. Ranjit Baishya.

#### International Journal:

- i. Bhattacharjee S, **Baishya R**, Sarma J.K., *Unpolarized coupled DGLAP evolution equation at small-x;* PRAMANA- Journal of Physics: Vol. xx, No. x (2013)
- ii. Devee M, **Baishya R**, Sarma J.K., Evolution of singlet structure functions from DGLAP equation at next-to-next-to-leading order at small-x; Européen Physical Journal C (2012) 72:2036
- iii. **Baishya R**, Sarma J.K. Solution of singlet and non-singlet unpolarized DGLAP evolution equations in next-to-next-to-leading order (NNLO) by method of characteristics, Indian Journal of Physics 86(2):145–150 (2012)
- iv. Devee M, **Baishya R**, Sarma J.K., Solution of singlet Dokshitzer-Gribov-Lipatov-Altarelli-Parisi evolution equation in next-to-next-to-leading order at small-x; Indian Journal of Physics 86 (2):141–144 (2012)
- v. **Baishya R**, Sarma J.K., *DGLAP evolution equation in NNLO at small-x and method of characteristics: non-singlet case*; Indian Journal of Physics 84 (12) 1471 (2010)
- vi. **Baishya R**, Jamil U, Sarma J.K. Evolution of spin-dependent structure functions from DGLAP equations in leading order and next to leading order; Physical Review D 79, 034030 (2009)

- vii. **Baishya R**, Sarma J.K., Semi numerical solution of non-singlet Dokshitzer–Gribov–Lipatov-Altarelli–Parisi evolution equation up to next-to-next-to-leading order at small x; European Physical Journal C: Vol.60, Issue 4 (2009), 585.
- viii. **Baishya R**, Sarma J.K., Solution of non-singlet DGLAP evolution equation in leading order and next to leading order at small-x; Indian Journal of Physics. 83 (9), 1333-1341 (2009)
- ix. **Baishya R**, Sarma J.K., Method of characteristics and solution of DGLAP evolution equation in leading and next to leading order at small x; Physical Review D 74, 107702 (2006)

#### National Journal:

i. **Baishya R**, Rajkhowa R, Sarma J.K., *Method of characteristics and solution of DGLAP evolution equation in leading order at small-x*; Journal of Assam Science Society Vol. 46, December 2005

# Proceedings of Seminar/Conference/Workshop:

- **ii.** Baishya R., Sarma J.K., *Method of characteristics and Solution of DGLAP evolution equation in leading order (LO) and next to leading order (NLO) at small-x;* Proceedings of DAE-BRNS sponsored National Symposium organized by IIT, Kharagpur on 11<sup>th</sup> to 15<sup>th</sup> December 2006.
- **iii. Baishya R.**, *Recent Trend in High Energy Physics*; Proceedings of UGC sponsored National Seminar organized by D. K. College, Mirza on 18<sup>th</sup> December 2006.
- **iv. Baishya R**, Sarma J.K., *Evolution of Gluon Distribution Function*; Proceedings of UGC sponsored State Level Seminar organized by Birhjorah Mahabidyalaya, Bongaigaon, on 10<sup>th</sup> January 2006.

# **DEPARTMENT OF CHEMISTRY**

# Dr. Apurba Kumar Goswami.

#### International Journal:

Carotenoids of Dodder (*Cuscuta reflexa*) Grown on Hedge, *Clerodedru enermy*, Advances in Natural and Applied Science, 2(3), 99- 102, 2008.

## Proceedings of Seminar/Conference/Workshop:

Presented paper on the National Seminar on Wetland & Livelihood at J.N. College on 24 & 25 October, 2008 organized by J N College, Boko. Title: Morphological and Carotenoid Composition of some Terrestrial and Aquatic Algae from Assam.

#### Dr. J. P. Sharma Baruah.

## International Journal:

Assessment of Drinking water Quality in Different small Tea Gardens of Sonitpur District (Assam), India. Scholars Research Library, Archives of Applide Science Research, 2010, 2(5); 226 – 38.

## National Journal:

Major Anion Level of Water Sources in the Tribal areas of Boko, Kamrup (Assam). Published in the Journal "Enviro-Spectra" Vol 1 No 1, 2006, pp 98 – 103. Published by the Society for Environmental Protection Education and Research (SEPER) GU.

# Proceedings of Seminar/Conference/Workshop:

a. Study on Water Quality and Pollution Level in Pond and Wetland in some Tea Gardens of Golaghat District of Assam, India. Published in the proceeding of UGC Sponsored National Seminar on Wetland and Livelihood on 24 – 25 Oct' 2008

#### Mr. Nuruddin Ahmed.

#### International Journal:

- 1. Paper published in the Research Journal of Chemistry and Environment. Title: "Synthesis of Nanostructured Polyaniline in Dodecyl Sulphuric Acid (DSA) Mediated Miceller Medium using Isopropanol as Co-surfactant": N. Ahmed<sup>1</sup>, M. Upadhyaya<sup>2</sup>, and D. K. Kakati<sup>\*3</sup>; Vol. 16 (4), December (2012), 19 25.
- 2. Paper published in the Iranian Polymer Journal (Springer); ISSN 1026 1265 entitled: Studies on Cu<sup>2+</sup> ion doped Polyaniline": M Upadhyaya<sup>1</sup>, N Ahmed<sup>2</sup>, R Deka<sup>3</sup> & DK Kakati\*<sup>4</sup>; Published online: 30 June 2012.
- 3. Paper published in the "Journal of Polymer Materials" entitled "Polyaniline Nanoparticles in Sodium Dodecyl Sulphate based Inverse Microemulsion" N. Ahmed, M Upadhyaya and DK Kakati; J. Polym. Mater. Vol. 28, No. 4, 2011, 561 575

# Proceedings of Seminar/Conference/Workshop:

- (i) Presented Poster in the International Seminar of Polymer Congress APA 2009 "Polymer Science and Technology: Vision and Scenario" on 17<sup>th</sup> and 18<sup>th</sup> December' 2009 at New Delhi, India
- (ii) Presented paper (Oral presentation) on "Synthesis and Characterization of Nanostructured Polyaniline in DSA mediated miceller medium using

cosurfactant" in the UGC Sponsored National Seminar on Polymer Science and Technology: Vision and Scenario. Held at the Department of Chemistry, Chaiduar College, Gohpur on 11<sup>th</sup> and 12<sup>th</sup> February' 2011.

# **DEPARTMENT OF MATHEMATICS:**

# Mr. Dhiraj Kumar Das

#### International Journal:

- 1. Chaudhury,R & Das,D.K.: "Influence of attitude towards mathematics and study habit on the achievement in mathematics at secondary stage" International Journal of Engineering Research and Application, Vol-2, Issue-6,pp-192-196, 2012.
- 2. Chaudhury,R & Das,D.K.: "Influence of geometrical ability and study habit on the achievement in mathematics at secondary stage" International journal of computational Engineering Research,Vol-2, Issue-6,pp-232-237, 2012
- 3. Chaudhury,R & Das,D.K. :" Influence of algebraic ability and study habit on the achievement in mathematics at secondary stage" International Journal of Engineering Research and Development.
- 4. Chaudhury,R & Das,D.K.:" Influence of arithmetic ability, attitude towards mathematics and study habit ability on the achievement in mathematics at secondary stage" International Journal of Scientific & Engineering Research ,Vol-3,Issue-12,December,12.
- 5. Chaudhury,R & Das,D.K.:" Influence of arithmetical ability and study habit on the achievement in mathematics at secondary stage" Research Inventy: International Journal of Engineering and science Research Vol-I,Issue-9, November,12.
- 6. Chaudhury,R & Das,D.K.: "Some Variables of effective Dimension in Relation To The Achievement In Mathematics at Secondary Stage" International Journal of Advancements in Research and technology, Vol-2, Issue-2, Feb-2013pp-1-6.

# Dr. Nabjyoti Das

## International Journal:

- 1) Dutta T. K. and Das, N., *Fractal dimensions on a nonlinear discrete model*, International Journal of Scientific & Engineering Research, Vol.3, Issue. 10, pp. 1-4, 2012.
- 2) Das, N. and Dutta, T. K., *Determination of supercritical and subcritical Hopf bifurcation on a two-dimensional chaotic model*, International Journal of Advanced Scientific Research and Technology, Issue2, Vol. 1, February, 2012.

- 3) Dutta T. K. and Das, N., *Controlling chaos on a nonlinear discrete model*, International Journal of Advanced Scientific and Technical Research, Vol.5, Issue. 2, pp. 82-91, 2012
- **4)** Dutta T. K. and Das, N., *Period doubling route to chaos in a two-dimensional discrete map*, Global Journal of Dynamical Systems and Applications, Vol.1, No. 1, pp. 61-72, 2011.
- 5) Das, N. and Dutta, T. K., On Bifurcations and Lyapunov Exponents on a Two-dimensional Nonlinear System, Global Journal of Engineering and Applied Sciences, Vol.2, No. 4, pp. 289-292, 2012
- 6) Dutta T. K. and Das, N., *Existence of Hopf-bifurcations on the nonlinear FKN model*, International Journal of Modern Engineering Research (IJMER), Vol.2, Issue. 6, pp. 4195-4200, 2012.
- 7) Das, N. and Bhuyan B. R., *Determination of Lyapunov exponents and study of time-series graphs on a nonlinear chaotic model*, International Journal of Applied Mathematics & Statistical Sciences, Vol.1, Issue. 2, pp. 1-10, 2012.
- 8) Das, N. and Dutta, N., *Time series analysis and Lyapunov exponents for a fifth degree chaotic map*, Far East Journal of Dynamical Systems Vol. 14, No. 2, pp 125-140, 2010
- 9) Das, N. and Dutta, T. K., *Three quantifiers of chaos on a two-dimensional nonlinear model*, International Journal of Scientific Knowledge, Vol.1, Issue. 2, Oct. 2012.
- **10**) Das, N., *Some dynamical behaviors in Lorenz model*, International Journal of Computational Engineering Research, Vol.2, Issue. 7, pp. 71-76, 2012.
- **11**) Das, N., Sharmah, R. and Dutta, N., *Period doubling bifurcation and associated universal properties in the Verhulst population model*, International J. of Math. Sci. & Engg. Appls., Vol. 4, No.1, pp. 1-14, 2010.
- **12**) Das, N., *Determination of Lyapunov exponents in discrete chaotic models*, International Journal of Theoretical & Applied Sciences, Vol.4, No. 2, pp. 89-94, 2012.
- **13**) Das, N., *Control chaos at the accumulation point in the Verhulst population model*, International Journal of Advanced Scientific Research and Technology, Issue2, Vol. 6, pp. 1-12, 2012.
- **14**) Das, N., *An analysis of periodic behaviors of a continuous system*, International Journal of Science and Advanced Technology, Vol.2, No. 10, pp. 5-9, 2012.
- **15**) Das, N., *Route to chaos in an area-preserving system*, International Journal of Computational Engineering Research, Vol.2, Issue. 7, pp. 38-44, 2012.

- **16**) Das, N. and Dutta T. K., *Hopf-bifurcations on a nonlinear chaotic discrete model*, International Journal of Scientific & Engineering Application, Vol.1, Issue. 2, pp. 127-134, 2012.
- 17) Das, N. and Dutta N., *Estimate of fractal dimensions in the Ricker nonlinear population model*, International Journal of Advanced Scientific and Technical Research, Issue3, Vol. 1, pp. 232-240, 2013.
- 18) Das, N. and Dutta N., *Limit cycles and their application in nonlinear differential equations*, American Journal of Applied Mathematics and Mathematical Sciences, Vol. 2, No. 1 pp. 53-65, 2013.

#### Dr. Alok Das

#### International Journal:

- 1. Free convection flow of a non-Newtonian fluid in a vertical channel with Rita Choudhury, *Defence Science Journal (DESIDOC)*, Vol. 50, No.1, pp. 37-44, January 2000.
- 2. Steady flow of Walters liquid B' through the annulus of porous coxial circular cylinders with Rita Choudhury, *Indian J. pure appl. Maths.*, 33(6), 807-817, 2002.
- 3. Elastico-viscous MHD Flow Through a Horizontal Channel with Rita Choudhury, *Proceedings*, 47th ISTAM, pp. 212-217, December 23-26, 2002.
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