

## CURRICULUM VITAE

### **Dr. Krishanu Sarkar**

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### **EDUCATIONAL QUALIFICATION:**

Examination Passed	Year	Board/Institution	Subject	Percentage of marks
Madhyamik	2000	W.B.B.S.E	BENG,ENG,L.SC,P.SC, MATHE, HIST, GEOG,	58.88
Higher Secondary	2002	W.B.C.H.S.E.	BENG,ENG,ECO, POLSc, GEOG, MATH	61.3
Graduation (B.A)	2005	THE UNIVERSITY OF BURDWAN	ECONOMICS(HONS), GEOG, MATHE	54.5
POST GRADUATION (M.A)	2007	THE UNIVERSITY OF BURDWAN	ECONOMICS (Specialised in Econometrics and Statistics	57.3
PH.D (Under regulation 2009 act)	Awarded in 2013	THE UNIVERSITY OF BURDWAN	ECONOMICS	

**Doctor of Philosophy in Economics** from the University of Burdwan, West Bengal, India under regulation 2009 act under the guidance of Prof. Soumyendra Kishore Datta on the topic entitled as "Survival Need and Socio-Economic Dynamics Impact on Common Property Outcomes in Southern Forest Division of Bankura District." In **2013**

### **ELIGIBILITY TEST:**

Qualified at the Fifteenth West Bengal **State Eligibility Test (SET) – 2010** for Eligibility for Lectureship organized by the West Bengal College Service Commission in the subject of **Economics**.

Qualified at the **Basic Eligibility Test** in 2008 for registration as a Ph.D Scholar in the University of Burdwan.

### **TEACHING EXPERIENCE:**

#### **Post Graduate experience:**

- 1) Working as a Guest Lecturer (against a vacant post) in Environmental Economics and Environmental Management in the department of environmental studies, Visva-Bharati University from 25<sup>th</sup> January, 2016 to continue.

**Under Graduate Experience:**

- 1) Working as an Assistant Professor in Economics (full time basis) as a Substitute Teacher under F. D. P. Scheme UGC in Tarakeswar Degree College, Hooghly from 17<sup>th</sup> August, 2011 to 31<sup>st</sup> July, 2013.

**Course:** Micro Economics, Macro Economics, Indian Economics, Statistics and Development Economics.

- 2) Working as an Assistant Professor in Economics (full time basis) as a Substitute Teacher under F. D. P. Scheme, UGC in Syamsundar College, Burdwan from 1<sup>st</sup> August, 2013 to cont 27<sup>th</sup> June, 2015.

**Course:** Taking classes on B.Com Honours and Pass and B.A. Pass course curriculum.

- 3) Working as a Guest Teacher in Economics in the Department of Commerce, Syamsundar College from 13<sup>th</sup> July, 2015 to 31<sup>st</sup> March 2016.

**Management Course:**

Working as an Assistant Professor in Economics for the course of Bachelor of Business Administration in Tarakeswar Degree College from 17<sup>th</sup> August, 2011 to continue

**Course:** Micro Economics, Statistics and Game Theory (Operation Research).

**Teaching responsibilities:** I was responsible for all Internal Examination and Homework. I also held weekly office hours. I am also appointed as an Examiner in Economics of a paper and also appointed as Scrutineer in Economics of a paper for the B.A./B.Sc. Part-II General Examinations, 2012, organised by The University of Burdwan for General Degree Courses.

For Management Courses I am mentoring some of the research projects of the students of management.

**RESEARCH EXPERIENCE**

**The University of Burdwan (Ph.D.), *Research Student***

**Supervisor: Dr. Soumyendra Kishore Datta. (March 2009 – Jan 2013)**

**Topic:** "Survival Need and Socio-Economic Dynamics Impact on Common Property Outcomes in Southern Forest Division of Bankura District."

**Summary:**

Indian forest condition passes through different phases. In pre-independence time, forest resources were enriched, but after independence, Indian forest department took over all the forest land and there after a continuous degradation of forest was realised. Again in 1988 Joint Forest Management (JFM) decision was taken and it was implemented in 1990. Thereafter forest again started to rise, but after 2000, forests again started losing their sustainability. The study basically finds out the possible reason behind that. The overall goals are to assess the interaction and impact of type of property right, institutional elements, accessibility to market, other socio-economic factors, tradeoffs between short

and long term interest and people's participation on CPR outcomes. I developed a dynamic optimisation model which shows the trade off between short term benefit and the long term cost of the environmental factors. I also developed a mathematical model which shows the occupation of forest dwellers depending on relative benefit generated from agriculture and forest. Here also I constructed participation of JFM index, determinants of participation index and social capital index and found out the correlation among each other. I also analysed dependent factors of survival needs.

**The University of Burdwan (UGC Research Project), *Project Fellow***

**Supervisor: Dr. Soumyendra Kishore data. (April 2008 – Mar 2011)**

**Project:** "Property right, dynamics of socio economic capability and peoples' participation: Impact on common property outcomes in a remote rural region in the Bankura District of West Bengal."

**Summary:**

Common property resource is an important resource of every country. In India CPR covers second largest land use after agriculture. A major portion of Indian population's livelihood is associated with it. The main focus is to establish a binary logit model which describes the perception of forest dwellers regarding forest degradation and threat of eviction regress with other responsive factors related with their livelihood. We are also finding out the effects of integration of government schemes with joint forest management activity and possible benefit from it. We have developed a food calendar which shows a simple representation of seasonal food availability, job opportunity, credit availability and sources and availabilities of NTFPs which would help to justify the social dynamics of forest dwellers livelihood.

**The University of Burdwan (District Magistrate office Project), *Research Assistant***

**Supervisor: Dr. Soumyendra Kishore data. (June 2010 – November 2010)**

**Project:** "Impact Assessment for the Ongoing Government Scheme and Programmes in Birbhum District."

**Summary:**

This research project is related to labour economics and Indian governance process where panchayet play an important role in rural areas. Again, Indian five year plan in practice gives importance to the rural economy, therefore in every panchayet different types of development project run simultaneously which are funded by state and central government jointly. The process of fund sanction and their utilisation system and also maintaining the register is very complex. Here we find out the impact assessment of different project to the rural livelihood. We are also constructed a concept which reflects the possible result or economic benefit and process of simplicity of registering system if the entire development project comes under a single umbrella.

**The University of Burdwan (ICSSR sponsored research project), *Project Fellow***

**Supervisor: Dr. Pravat Kumar Kuri. (August 2008 – September 2008)**

**Project: “Changing Characteristics of Rural Credit and the problems of financial inclusion: A study of rural West Bengal.”**

**Summary:**

The main study area of this research project is changing characteristics of rural credit. Here we found out formal versus informal credit in rural areas, credit labour interlinkage and its effects on rural livelihood. We are also focused on micro credit which has generated due to self-help group forming and possible causes of lack of formal credit as well as popularity of informal credit. We are also finding out the effect of micro credit to the rural poor people.

**The University of Burdwan (Sarva Shiksha Mission Research Project), *Research Assistant*  
Supervisor: Dr. Rajarshi Majumder. (February 2008 – July 2008)**

**Project: “Impact Analysis of Various Implemented Projects of Sarva Shiksha Mission, Bardhaman.”**

**Summary:**

This project basically concentrates on three different sections of education sector. Firstly, we are giving importance on Bridge Course Centres which are used to make a bridge between Dropout children from education and their re-enrolment in the main stream schools. Here we find out the possible causes of dropout from schools and how to encourage resending them into school. Some policy also prescribes some idea about how to motivate children regarding study. Secondly, the study related to another section of education of brickfield areas children. In this case children are partially migrated therefore they enjoy their study only 6 month in a year and rest of the year they engage in brick making work. Here we analyse the causes and remedies of this problem. Thirdly, the study concentrates on Integrated Education for Disabled (IED) children in the main stream schools. Here we analyse the facility provided to them and utilisation of these facilities and making policy prescription in this regards.

**The University of Burdwan (M.A.), M.A. Project  
Supervisor: Dr. Rajarshi Majumder. (2007)**

**Project: Socio-Economic Survey 2007: A Report on Human Resource.**

**Summary:**

Here we analyse three different factors of the livelihood of human being. These are Education, Health and Demographic characters, which are used to describe a detailed view of a village. Here I have showed the present scenario of the village and also showed the time series data which describe the continuous change in nature of civic societies' situations. I also prescribed the suggestion of improvement of Human development factors.

**EXPERIENCE AS DATA INVESTIGATOR and ANALYST:**

**The University of Burdwan (UGC sponsored DRS project entitled), *Data Investigator*  
Supervisor: Dr. Soumyendra Kishore Datta. (April 2010 – November 2012)**

**Project:** “Issue in rural livelihood: Vulnerabilities and opportunities.”

**The University of Burdwan (UGC sponsored Major research project), *Data Investigator***

**Supervisor: Dr. Rajarshi Majumder. (2011)**

**Project:** “Intergenerational Mobility among Backward Class”

**The University of Burdwan (Human Development Report), *Data Investigator***

**Supervisor: Dr. Rajarshi Majumder. (2010)**

**Project:** Human Development Report of Purulia District

## **SKILLS AND EXPERIENCE:**

Completed Certificate in Office Automation course from NANDI INFOTECH in the year 2005. Software Known: MS- Office, fundamentals, dos, windows98, internet & e-mail. Statistical packages known: SPSS, E-VIEWS, Fast Statistics, Stata, R package, DEA (Data Envelopment Analysis), SAZAM, EXCEL, Mapel etc. Experience of working as a data analyst.

## **PUBLICATIONS:**

### **International Publication as Book:**

- 1) Soumyendra K Datta, Krishna Singh & **Krishanu Sarkar** (2011), “Livelihood Diversification: Case Study of Some Backward Regions in India.”, *LAP LAMBERT Academic Publishing*

### **Published Article:**

#### **Publication Article under International Peer Reviewed Journals (With ISSN):**

- 2) **Soumyendra Kishore Datta & Krishanu Sarkar** (2010), “Status of joint forest management in India: Socio-economic determinants of forest participation in a dynamic optimization setting.”, *International Journal of Social Forestry (IJSF)*, Vol:3 No:2, 81-100
- 3) **Soumyendra Kishore Datta & Krishanu Sarkar** (2011), “Threatened Access, Risk of Eviction and Forest Degradation: Case Study of Sustainability Problem in a Remote Rural Region in India.”, *Environment Development and Sustainability*, Springer Publication, Vol:8 No:3,
- 4) **Soumyendra Kishore Datta & Krishanu Sarkar** (2012), “NTFPs and their commercialization issues from the perspective of rural livelihood and the state of forest resources: a study of the Ranibundh forest range in West Bengal, India.”, *Journal of Sustainable Forestry*, Taylor and Francis Publication, 31:640–660
- 5) **Soumyendra Kishore Datta and Krishanu Sarkar** (2013), ‘An enquiry into the existence of environmental Kuznets curve and issue of convergence related to CO2 emission – a panel data analysis’, *Int. J. Global Environmental Issues*, Inderscience Publication, Vol. 13, No. 1, pp.64–84.

#### **Publication Article under National Peer Reviewed Journals (With ISSN):**

- 6) Soumyendra Kishore Datta & **Krishanu Sarkar** (2010), "Forest Dependence and Degradation- Primary Stake holder analysis in the context of Bankura District of West Bengal.", *Environment & Ecology*, 28(1), 112-116

**Publication Article under Editorial Book (With ISBN):**

- 7) Soumyendra Kishore Datta & **Krishanu Sarkar** (2010), "Forest Dependence and Depletion: Socio-Economic Analysis of FPC Members in the Bankura District of West Bengal.", *Common Property Resource Management*, 279- 296
- 8) Soumyendra Kishore Datta & **Krishanu Sarkar** (2011), "Tradeoff between development and agriculture related land use at urban fringes: A quest for compatibility.", *Rural – Urban Fringe: Problems and Management*, Concept Publishing Company Pvt. Ltd.
- 9) **Krishanu Sarkar** (2013), "Forest use as subsistence needs and other purpose: A Study in the Bankura District of West Bengal.", *Indian Economy: Challenges and Opportunities*, Sahid Prakashani, 141-156.
- 10) Soumyendra Kishore Datta & **Krishanu Sarkar** (2013), "Participatory Forest Management and Social Capital Issues: Case Study of a Backward Region in India.", *Rural Livelihood in India; Social, Economic and Environmental Issues*, Serials Publications, Section:C, 361-380.
- 11) Soumyendra Kishore Datta & **Krishanu Sarkar** (2014), "Participatory Management and Forest status: Search for a Sustainable Community Based Forest Management in Backward Region in India.", *Facts of Sustainable Development; Some Issues for the Third World*, Regal Publication, Part: IV, 122-141
- 12) **Krishanu Sarkar** (2013), "Increasing trend of CO<sub>2</sub> emission by using fuel energy.", *Global Warming and its Social & Economic Effect*, Alpana Enterprise, 126-141

**Publication as Editor of Books (With ISBN):**

- 13) Soma Saha and Krishanu Sarkar (2013), "Indian Economy: Challenges and Opportunities." Sahid Prakashani.

**Publication in Conference Proceedings**

- 14) **Krishanu Sarkar** (2012), "Livelihood status of forest dwellers: dependence and degradation of forest in a remote rural region in India.", *Editorial Book in the Department of Geography of Tarakeshwar Degree College*.

**Accepted Article:**

- 1) Soumyendra Kishore Datta and **Krishanu Sarkar** (2013), "Social Dynamics, Forest Dependence and Degradation: Search for a Sustainable Forest Based Livelihood in a Backward Region in India.", *Editorial Book in the Department of Economics of The University of Burdwan*

**Other Publication: (Publication in Regional language with ISBN)**

- 1) **Krishanu Sarkar** (2014), "Men and Their Livelihood of West Bengal Forest Area." **Vision of Bengal in 2025, Published by Akhil Bharat Bhuidya o Paribesh Samity, Santiniketan & Geographical Society of West Bengal, Alipurduar. 35-3**

- 2) **Krishanu Sarkar (2014), “Culture Based on Politics: Discus with a light of Economic policy.”** Accepted in Editorial Book in the Governmental General Degree College, Singur, Hooghly.

### **PROJECT REPORT WRITING:**

- 1) Soumyendra Kishore Datta and **Krishanu Sarkar (2011), “Property right, dynamics of socio economic capability and peoples’ participation: Impact on common property outcomes in a remote rural region in the Bankura District of West Bengal.”** *Final report on UGC Major Research Project.*
- 2) Soumyendra Kishore Datta, **Krishanu Sarkar** and Krishna Singh (2011), “Impact Assessment for the ongoing Government Schemes and Programmes in Birbhum District.” *Project Report of the District Magistrate, Birbhum District, West Bengal.*

### **CONFERENCE PRESENTATIONS:**

- 1) A paper entitled “Determinants of Survival Needs and Forest Degradation In Southern Forest Range Of Bankura District.” Presented in the Third Research Scholars’ Workshop (During 29-30 october, 2009) organized by the Department of Economics, Burdwan University.
- 2) A paper entitled “Forest Dependence and Depletion: Socio- Economic Analysis of FPC Members in the Bankura District of West Bengal.” Presented in the BMA’s conference on ‘Manageing Common Property Resources – Focus on Forestry.’ (During 29-30 october, 2009) Organised by Bangalore Management Academy.
- 3) **A paper entitled “Association Between Forest Participation Index and Its Determinants in a Dynamic Optimisation Setting in a Backward Region in India.”** Presented in the Forth Research Scholars’ Workshop on 22<sup>nd</sup> November, 2011, organized by the Department of Economics, Burdwan University.
- 4) **A paper entitled “Social Dynamics, Forest Dependency and Degradation: Search for a Sustainable Forest Based Livelihood in a Backward Region in India.”** Presented in the 48<sup>th</sup> Annual Conference of The Indian Econometric Society (TIES) during 1<sup>st</sup> to 3<sup>rd</sup> March, 2012, organized by Department of Economics, Pondicherry University, Pondicherry.
- 5) **A paper entitled “Livelihood Status of Forest Dwellers: Dependence and Degradation of Forest in a Remote Rural Region in India.”** Presented in UGC Sponsored National Level Seminar During 19<sup>th</sup> to 20<sup>th</sup> March, 2012 in the department of Geography, Tarakeswar Degree College. Hooghly.
- 6) **A paper entitled “Participatory Management and Forest Status: Search for a Sustainable Community Based Forest Management in a Backward Region in India.”** Presented in National Conference during 28<sup>th</sup> to 29<sup>th</sup> March, 2012, organized by Department of Economics, Burdwan University.
- 7) **A paper entitled “Forest Use as Subsistence Needs and Other Purpose: A Study in the Bankura District of West Bengal.”** Presented in UGC Sponsored National Level

**Seminar During 30<sup>th</sup> to 31<sup>st</sup> March, 2012 in the department of Economics, Tarakeswar Degree College. Hooghly.**

- 8) **A paper entitled “Increasing Trend of CO<sub>2</sub> emission by using fuel energy.” Presented in UGC Sponsored National Level Seminar During 2<sup>nd</sup> to 3<sup>rd</sup> December, 2013 in the department of Commerce. Tarakeswar Degree College. Hooghly.**
- 9) **A paper entitled “Men and Their Livelihood of West Bengal Forest Area.” Presented in One day Seminar on ‘Vision of Bengal in 2025’ on 23<sup>rd</sup> March, 2014, jointly organized by Akhil Bharat Bhuidya o Paribesh Samity, Santiniketan & Geographical Society of West Bengal, Alipurduar.**
- 10) **A paper entitled “Culture Based on Politics: Discus with a light of Economic policy” Presented as a Resource Speaker in one day State Level Seminar on 25<sup>th</sup> March 2014, organized by Government General Degree College, Singur, Hooghly.**
- 11) **A paper entitled “Terrorism: Effects and Relation with Micro Economics Variables” Presented in Two day National Seminar on ‘Global Terrorism and Endangered Human Civilisation’ during 6<sup>th</sup> to 7<sup>th</sup> February, 2015 organised by Syamsundar College, Burdwan.**
- 12) **A paper entitled “Changing Pattern of Forest Dwellers Livelihood Dependency From Common Property Resources in the Bankura District of West Bengal” presented in one day UGC Sponsored National Seminar on ‘Villages in Transition: Experience Since the Nineties’ on 11<sup>th</sup> November, 2014, organised by Dept. of Sociology, Pandaveswar College, Burdwan.**

**Workshop Attained:**

- 1) **Participated in the One Day Workshop on “Accounting for Ecosystem Services: Theories and Practice” organized by Centre for Advanced Studies, Department of Economics in collaboration with Global Change Programme, Jadavpur University on 27<sup>th</sup> March, 2014 at Jadavpur University.**
- 2) **Participated in the One Week International Workshop on “Accounting for Ecosystem Services: Theories and Practice” organized by Global Change Programme, Jadavpur University in collaboration with TIFAC and IIASA (International Institute for Applied System Analysis, Austria) Starting from 5<sup>th</sup> May, 2014 at Jadavpur University.**
- 3) **Participated in the One Day Workshop on “Green Accounting: Theories and Practices” organized by Centre for Advanced Studies, Department of Economics in collaboration with Global Change Programme, Jadavpur University on 30<sup>th</sup> March, 2015 at Jadavpur University.**
- 4) **Participated in the One Day Workshop on “Emerging Issues on Social Inclusion” organised by Centre for Social Inclusion, Department of Economics, Bankura Christian College on 5<sup>th</sup> January 2013.**
- 5) **Participated as a discussant of two papers in the workshop on “Fifth Research Scholars’ Workshop” organised by the Department of Economics, University of Burdwan from 18<sup>th</sup> to 19<sup>th</sup> September, 2014.**

**Seminar/Conference attained:**



- 1) Participated in the IGIDR Silver Jubilee International Conference on “Development: Successes and Challenges-Achieving Economic, Social and Sustainable Progress” organised by IGIDR, Mumbai from 1<sup>st</sup> to 3<sup>rd</sup> December, 2012
- 2) Participated in the 7<sup>th</sup> ECONference on “Issues on Development, well being and Livelihood” organised by the Department of Economics, University of Burdwan from 17<sup>th</sup> to 18<sup>th</sup> January, 2014.
- 3) Participated in the 7<sup>th</sup> International ECONference on “Development, Environment and Sustainable Livelihood” organised by the Department of Economics, University of Burdwan from 18<sup>th</sup> to 19<sup>th</sup> January, 2013.
- 4) Participated in the 4<sup>th</sup> International ECONference on “Development and Rural Livelihood” organised by the Department of Economics, University of Burdwan from 22<sup>nd</sup> to 23<sup>rd</sup> December, 2010.
- 5) Participated in the UGC sponsored National Level Seminar on “Environmental History in India: Recent Trends” organised by Dept of History, Tarakeswar Degree College, Hooghly from 26<sup>th</sup> to 27<sup>th</sup> March, 2012.
- 6) Participated in the UGC sponsored National Level Seminar on “Leading Issues in Development Economics” organised by dept of Economics, Narasinha Dutta College, Howrah in collaboration with Economic Research Unit, ISI Kolkata on 10<sup>th</sup> December, 2011.
- 7) Participated in the UGC DRS/SAP programme on “Issues in Rural Livelihood: Vulnerabilities & Opportunities” organised by Dept of Economics, The University of Burdwan on 29<sup>th</sup> March, 2010.

## **PERSONAL INFORMATION:**

FATHER'S NAME : Sri NARAYAN CHANDRA SARKAR  
SEX : Male  
DATE OF BIRTH : 17<sup>th</sup> April 1984  
RELIGION : Hinduism  
CAST : General  
LANGUAGE KNOWN : Bengali, English, & Hindi  
HOBBY : Reading Books, Listening to Music, Net Surfing.

## **REFERNCES :**

- 1) Dr. SOUMYENDRA KISHORE DATTA, Professor  
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Mob No: 09434835230
- 2) Dr. RAJARSHI MAJUMDAR, Associate Professor  
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I hereby declare that all the statements made above are true to the best of my knowledge and belief.

DATE :  
PLACE : Durgapur

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**Dr.KRISHANU SARKAR**