

Asian Institute of Public Policy and Development Studies, Kolkata

128/1 Satyen Roy Road, Kolkata - 700 034

Registration No.: S/M/2385

BROCHURE



Project Management Team Members of the Institute, 2018-19.

(Standing from left to right are Debdutta Chakraborty, Shilu Ray, J P Khaitan, Prabir K.Das, Dhruvajyoti Chattopadhyay, Chittatosh Mookherjee, Gautam Ray, Siddhartha Roy and Ranajay Gupta)

Profile of the Institute

Asian Institute of Public Policy and Development Studies (AIPPDS) is registered as a non-profit society under West Bengal Societies Registration Act, 1961 with a view to developing and delivering academic programs and independent research projects relating to public policy, governance, and inclusive socio-economic development. Government of India's Income Tax department has registered the Institute under Section 12A and certified that donations made to AIPPDS, Kolkata shall qualify for deduction under Section 80G(5)(vi) of Income Tax Act, 1961.

The mission of the Institute is to form a human capital resource network drawn from different academic disciplines and professions with the goal of developing and disseminating a body of knowledge that is critically important for promoting inclusive social development and economic growth dynamics. The vision is to develop an analytically robust body of knowledge in public policy, governance and inclusive development/growth so that the knowledge can be used as study material by high school seniors, undergraduate and graduate level students. The main objective is to increase common people's access to a body of objective and scientifically valid knowledge on inclusive development and growth dynamics so that they can effectively participate in the public policy discourses as responsible citizens.

Board of Governors

Justice Chittatosh Mookerjee, former Chief Justice of High Court of Calcutta and Bombay,

is the President. The Vice-President is Prof. Gautam Ray, former Chief Commissioner of Customs, Central Excise and Service Tax, now a Professor in the Graduate School of Management, Kyoto University, Japan. Ms. Rupa Bandyopadhyay FCA, Rupa & Co. Chartered Accountants is the Secretary of the Institute. Other members of the Institute's Governing Body are: Prof. Siddhartha Roy, former Directors of the Indian Institute of Chemical Biology, Kolkata and of the Bose Institute, Kolkata; Prof. Anup Sinha, former Professor of Economics, IIM, Calcutta, and now Director of Heritage Business School, Kolkata; Prof. Dhrubajyoti Chattopadhyay, former Pro-Vice Chancellor (Academic), Calcutta University, and now Vice-Chancellor, Amity University, Kolkata; Prof. Anupam Basu, Director, NIT, Durgapur and Professor (on lien) of Computer Science and Engineering, IIT, Kharagpur; Mr. J P Khaitan, Senior Advocate, Calcutta High Court, Mr. Abhijit Chatterjee, Senior Advocate, Calcutta high Court; Mrs. Shilu Ray, former General Manager, EEDF (Shri Aurobindo Seva Kendra) Hospital, Jodhpur Park, Kolkata and now Lecturer, Graduate School of Management, Kyoto University, Japan

Faculty Resource Network

Present members of this expanding faculty resource network include, Prof. Kiyoshi Kobayashi, Kyoto University, Japan; Prof. William P. Anderson, University of Windsor, Canada, Prof. Lars Westin, Umea University, Sweden; Prof. Prabir Kumar Das, Maulana Abdul Kalam Azad University of Technology, Kolkata; Prof. Panchanan Das, Calcutta University; Prof. Soumen Sikdar, IIM, Calcutta; Prof. Arindam Chakrabarty, University of Hawaii, Prof. Joy Sen, IIT Kharagpur, Prof. Runa Sarkar, IIM Calcutta, Prof. Suman Mukherjee, Bhawanipur Educational Society, Kolkata, and Prof. Atanu Ghosh, IIT Bombay.

Patrons and Associates

Mr. Koushendra Singh Yadav, Mr. Ranajay Gupta, Mr. Tito Mehra, Mr. Arun Sekhar Aran, Dr. Naresh Maheswari, Dr. Anjan Chaudhury, Dr. Vikram Rauth, Dr. Siddhartha Chatterjee, Mr. Biswajit Chatterjee, Mr. Hirak Sarkar, and Ms. Debdatta Chakrabarty.

Activities So Far

In the first year of its inception on the 31st July 2015, AIPPDS had collaborated with the Graduate School of Management, Kyoto University and organized a 6 month internship program for Mr. Ryosuke Miyashita, a Sales Manager of NEC, Tokyo, Japan as part of the Asian Business Leader Program of the University.



(Ryosuke Miyashita (standing second from left) being greeted by TCS team members)

AIPADS organized an international conference on “Public Policy and Governance for Inclusive Development” in Kolkata on the 15th November 2016. Scholars from India, Japan, Canada and Sweden participated in the conference.



In March 2016, AIPPS entered into a MoU with the National University of Juridical Sciences, Kolkata for jointly conducting academic programs in Public Policy and Development Studies. As part of this agreement, Ph.D. program in public policy and development studies has started in 2017-18 with the admission of one candidate. It is seeking to enter into similar partnerships with other universities and academic institutions in India and abroad.

PROJECT PROPOSALS FOR IMPLEMENTATION IN 2018-19

I. The BOOK Project on Inclusive Development and Growth: Proposal Highlights

Why this BOOK Project?

1. This book project seeks to develop a body of knowledge on inclusive development and growth and related policy perspectives;
2. The objective is to promote understanding of the mechanics of inclusive development and growth dynamics and the critically important role of appropriate public policy approach and specific policy measures that drive the inclusive development and growth dynamics;
3. Asia Development Bank (ADB)¹'s estimate of the potential growth of India's middle class population from 65 million in 2010 to 1.053 billion by 2030 underscores the salience of understanding the structural factors that drive inclusive growth and development dynamics over a long period of time, how these drivers can be strengthened by means of appropriate public policy measures. The body of

¹ ASEAN, PRC and India: The Great Transformation, Asian Development Bank, Manila, 2014; page 8

knowledge and the analytical framework developed in this book project shall explain the mechanics of inclusive development and growth dynamics- how different structural factors at societal level drive inclusion of marginal people in economic mainstream and how an appropriate policy perspective can promote such inclusion ;

4. Common people, the key stakeholders of inclusive social development and the concomitant economic growth dynamics, must be able to influence policy formulations and that can happen only if they develop knowledge about the logical foundations of the mechanics of inclusive development and growth dynamics. Equipped with such logically valid knowledge, they can be more effective in their critical evaluation of the efficacy of a policy approach and specific policy measures in promoting such dynamics. This project shall develop such a body of knowledge;
5. India's education curricula in high school or college do not cover any course on inclusive social development or inclusive economic growth, nor do they cover any course on related public policy perspectives. Naturally, therefore, there is no textbook and hardly any reference book on the subject, which is why common people do not have any access to the body of knowledge on inclusive development/growth and related policy perspectives that is already in public domain;
6. The mission of this book project is to fill in this void; and
7. The vision is that this book project shall lay the foundation for future endeavor in the development of academic curriculum and text books on inclusive development and growth dynamics and the related policy perspectives for college/university students. Senior high school students interested to pursue their career in politics, civil service and social science research shall also benefit from this book project.

Broader Vision

The broader vision is that the book shall increase common people's accessibility to a body of analytically valid knowledge on the mechanics of inclusive social development and economic growth. They can thereby evaluate the legitimacy of policy approach and individual policy measures with reference to their potential impact on their well-being and exercise their democratic rights accordingly. This project and its knowledge output shall thus strengthen the democratic foundations of our society and polity.

Project Deliverable

The book titled "Development Dynamics and Policy Perspectives for Inclusive Development and Growth" is the project deliverable. It will have the following 12 chapters

1. Development: Definitions, Concepts and Metrics
2. Dynamics of Inclusive Social Development: Conceptual Framework
3. Mechanics of Economic Growth: Endogenous Growth Models and Inclusive Growth
4. Role of State and Civil Societies in inclusive Social Development and Economic Growth: A Historical Perspective
5. Organizations and Institutions: Legitimacy Perspective
6. Collective Action Problem (CAP): Solving CAP for Inclusive Development and Growth
7. Social Infrastructure Development: Policy Approach for Inclusive Development and Growth
8. Urban and Rural Infrastructure Development: Policy Approach for Inclusive Development and Growth
9. Foreign Direct Investment and Cross Border Trade: Policy Approach for Inclusive Development and Growth
10. Fiscal Policy: Policy Approach for Inclusive Development and Growth
11. Monetary Policy: Policy Approach for Inclusive Development and Growth

12. Public Policy Perspective: Policy Approach for sustaining inclusive development and growth dynamics in India

Project Coordinator

Prof. Gautam Ray, Vice-President of AIPPDS and Professor, Graduate School of Management, Kyoto University, Japan shall be the Principal Coordinator

Budget

Approximately Rs.12 lakhs will be needed to complete the project as envisaged.

Stakeholders and Beneficiaries

Student community, development scholars and researchers, public policy experts, policy makers including lawmakers and public servants including economic advisors of central and state governments, civil service aspirants, and, most importantly, the common people are the stakeholders and beneficiaries of this project

Copyright and Revenue Proceeds

The author(s) shall retain their copyright. The revenue proceeds from the sale of the book shall finance the Institute's future research on inclusive social development and economic growth.

Project Monitoring and Social Audit

A team consisting of the project coordinator, a member of the Governing Body of AIPPDS and a designated nominee of sponsors shall monitor the progress of the project and oversee appropriation of its budget

Time Line

Expected timeline for completion of the manuscript is 18 months as envisaged now. In addition the process of peer review may take additional 6 months

II CONCEPT-Chemistry Project: Conceptual Modules in Chemistry for Middle and High School Students

Why CONCEPT-Chemistry Project?

1. Most middle and high school students drop out of science education because they get demotivated as they are forced to memorize the dense study materials in textbooks which lack adequate explanatory narratives on important concepts especially in Physics and Chemistry;
2. The consequence is stunted human resource development in science and engineering, not only in quantity but also in quality. This has been adversely affecting India's capacity for keeping pace with the technological advancement without which its economy cannot traverse a path of decent rate of long term economic growth;
3. India's inclusive social development and economic growth dynamics cannot get the desired momentum unless average middle and high school students can access quality science education and develop their analytical ability as well as scientific bent

of mind. Quality science education requires development of such concept based study material that leads students to deal with a set of critically important WHAT, WHY and HOW questions;

4. Since textbooks need to cover a wide range of topics prescribed in the syllabus for each subject, explanation and elucidation of important concepts get short shrifts in most textbooks. There is therefore a need for developing conceptual modules giving detailed explanatory narratives on essential concepts. Such modules shall increase access to quality science education among students of average motivation.
5. Inadequate explanatory narratives on different concepts in Chemistry and Physics textbooks for middle and high school students have been the main reason why most students find it difficult to understand study material in these subjects, and they eventually drop out of science education;
6. The challenge is to develop a body of such explanatory narratives expounding the essential concepts in Chemistry and Physics that make it easier for teachers to explain and students to grasp these concepts; and
7. CONCEPT-Chemistry Project seeks to take up this challenge of writing explanatory narratives on a dozen core concepts in Chemistry for middle and high school students using objects and figures they see in their day to day life;

Vision

To elucidate and expound core concepts in Chemistry in such a way that average students in middle and high school can build up a minimum level of conceptual foundation without which they cannot pursue science education further and develop their analytical mind.

Project Deliverable

Twelve conceptual modules in Chemistry are the project deliverables. It will be developed on the following twelve core concepts in Chemistry:

1. Moles and concentrations
2. Atomic structure
3. Bonding
4. Periodicity
5. Equilibria
6. Thermodynamics
7. Redox reactions
8. Rate of reaction
9. Interaction of light with matter
10. Separation of molecules
11. Basic Organic reactions
12. Aromaticity

Principal Coordinator

Prof. Siddhartha Roy, a member in the Board of Governors of AIPPDS and former Director of Bose Institute, Kolkata shall be the Principal Coordinator of the Project.

Budget

Approximately 12 lakhs will be needed to complete the project as envisaged.

Stakeholders and Beneficiaries

The stakeholders and beneficiaries are student and scientific communities, teachers, and also

the common people who at their school level develop scientific bent of mind and analytical capability as they learn how to deal with WHAT, WHY and HOW questions in Chemistry

Copyright and Revenue Proceeds

The author(s) shall retain their copyright. The revenue proceeds from the sale of the book shall finance the Institute's future research on inclusive social development through science education in India.

Project Monitoring and Social Audit

A team consisting of the project coordinator, a designated member of the Governing Body of AIPPDS and a designated nominee of sponsor(s) shall monitor the progress of the project and oversee appropriation of its budget.

Time Line

Expected timeline for completion of the draft content is 18 months. In addition, peer review of the content shall take 6 months.

III. IT Enabled Patient- Doctor Network Solution of the Problem of Sub-Optimal Supply of Healthcare Service

Why This Project?

1. Healthcare service is under-produced in countries like India for two main reasons: (a) low level of accessibility to the healthcare services that consumers need, and (b) knowledge deficit or information asymmetry about healthcare needs of consumers as a result of which a part of their real demand for healthcare services do not translate into patient visits to clinics;
2. There is inadequate level of preventive healthcare services including routine check-ups and monitoring of the effect of on-going treatments, especially for individuals of age 50 plus and individuals suffering from at least one chronic ailment;
3. Consumer surplus in healthcare industry stands at a low level because consumers or their next kin find it difficult to ask a number of questions or doubts that come up as they follow the medical advice given by doctors in their last visits;
4. Even if patients have trust and respect for their doctors, they or their next kin may like to have the benefit of second opinion or alternative points of view from a network of physicians of concerned specialty;
5. Some patients or their next kin may seek to narrow the information or knowledge asymmetry between them and medical care providers by providing information to a network of physicians and seeking their answers to specific questions about the ailment and/or treatment regimen. The consumers can then make more informed choice about their healthcare service needs.
6. Patient-doctor information network may be extended to nursing care, physiotherapists and Yoga trainers/therapists whose demands are rising; and
7. There exists a significant level of unmet demand for logistic solution especially for senior citizens in regard to (a) appointments with doctors for patient visits; (b) taxi service for hospital visits; and (c) delivery of medicine

Problem Statement:

For a given level of supply healthcare providers and infrastructure support and a given level of consumers' willingness/ability to pay, delivery of healthcare related services and the level of consumer satisfaction/surplus have been far below their optimal levels because of inadequate access to the human and knowledge network of medical care providers and ancillary logistics network.

Vision

This project seeks to increase common people's access to the human and knowledge network of medical care providers and ancillary logistics network. It shall provide an IT system based solution to the problem of accessibility by forming a network of medical care providers and consumers and connecting them through an online portal so that they can periodically exchange relevant knowledge or information about healthcare related issues.

IT System Based Network Solution: An Outline

1. Asian Institute of Public Policy and Development Studies, Kolkata (AIPPDS) is proposing to work with technology providers such as Tata Consultancy Service (TCS) who can develop a mobile compatible IT system solution for connecting a network of medical care providers with consumers and their next kin;
2. AIPPDS shall establish a network of medical care providers from India and abroad;
3. AIPPDS shall also establish a network of consumers and their next kin;
4. The demand and supply side of the health care market will be connected via an appropriately designed IT system platform in English and vernacular languages, namely, Hindi and Bengali; and
5. As more consumers ask more questions and as more doctors respond to these questions, the social value of this network grows exponentially.

Project Operation Outlines

1. Consumers who wish to join the network shall be registered and given a user name and password. Their privacy including identity and personal details shall be protected;
2. Similarly, healthcare providers shall also be registered and given user name and password;
3. Registered consumers identified by their user names shall post healthcare related information and questions in the network and seek answers and/or advice;
4. The information and questions of the consumers will be visible only to system manager, who is a medical practitioner. The system manager, whose personal identity will also be hidden in the system, would deal with consumer's questions/doubts/medical issues in two ways:
 - a) The questions/doubts/issues may be forwarded to the care providers in the network belonging to the concerned specialty or super-specialty for their reply, and/or
 - b) The questions/doubts/issues may be partly or fully answered by the system manager and copied to all concerned specialist or super specialist for their further comments and answers;
5. In case of difference of opinion among doctors, they may exchange among

themselves knowledge and information on the relevant medical issue/doubt/question without keeping the consumers in the loop. In such cases, system manager shall summarize the different opinions leaving it to the consumers to choose the option they consider the best;

6. Since all advice and/or information shall be given without examining the patient, consumers cannot hold doctors responsible in any manner for their opinion/advice. This disclaimer shall be put as a contingent conditionality for anybody joining this network; and
7. Consumers will give feedbacks as regards the level of their satisfaction/consumer surplus from the replies/advice of doctors in the network in an ascending scale ranging from 1 to 5, with the most effective advice/reply scoring full 5 points. AIPPDS shall recognize physicians of each specialty/ super-specialty every year who generated maximum consumer surplus in a well-publicized award ceremony.

Inclusive Healthcare Service

Asian Institute of Public Policy and Development Studies, Kolkata (AIPPDS), in accordance with its goal of promoting inclusive development, shall provide free access to this network resource to students, women having fertility/pregnancy related issues, handicapped and BPL families. They shall be connected to those individual doctors who wish to treat them at free or affordable costs.

Budget

Approximately Rs.5 lakhs will be required to start the project as envisaged.

Principle Coordinator:

Dr. Anjan Chaudhury, Consultant, Tufts Medical School, Boston, USA and Dr. Vikram Raut, Apollo Hospital, Mumbai have agreed to coordinate this project.

Stakeholders and Beneficiaries

The stakeholders and beneficiaries are common consumers of healthcare services registered in the portal including senior citizens and their next kin, students, women, handicapped and BPL families, and a network of medical care providers including nurses and physiotherapists registered in the network.

IP right and Revenue Proceeds

The IP right of the IT solution provider shall be protected. The revenue proceeds from the registration fee shall be used to pay for overhead expenses including payments to system manager and Institute's future research and publication on healthcare services in India.

Project Monitoring and Social Audit

A team consisting of the project coordinators, a designated member of the Governing Body of AIPPDS a designated nominee of the IT system solution provider, a representative of registered consumers and a designated representative of care providers shall monitor the progress of the project and oversee appropriation of the budget

Time Line

Expected timeline for completion of the first phase of the project is 12 months.

Donations

All donors located in India may remit their donations or write cheque in the name of Asian Institute of Public Policy and Development Studies, Kolkata. The bank account details for remittance of their donations are given below:

State Bank of India, GOL PARK (Calcutta), 133A Southern Avenue, Kolkata 700029, India
Current Account No. 35162682874; Branch Code: 7195; IFSC: SBIN0007195;

Foreign donors may please give an advance intimation before remitting their donations in FCRA A/C No -35162709794 of State Bank of India, Gol Park Branch
(Branch Code: 7195; IFSC: SBIN0007195).

Contact Us

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