

NATIONAL INSTITUTE OF URBAN AFFAIRS

ANNUAL REPORT

2015-16



NATIONAL INSTITUTE OF URBAN AFFAIRS
1st & 2nd Floor, Core 4B, India Habitat Centre,
Lodhi Road, New Delhi 110003

Website: www.niua.org

Email: niua@niua.org

Contents		
Preface		i
List of Governing Council Members		ii
1.0	Background	1
2.0	Research Work	1
2.1	Ongoing Studies	1
2.2	Completed Studies/ Projects	13
3.0	Seminars/Workshops/Training Programmes/Events	16
4.0	Technical Support	17
5.0	Information Technology and Knowledge Management	20
6.0	Hindi Activities	24
7.0	Professional Activities of Research Staff	25
Staff Position		47
Annual Accounts: 2013-14		48

Preface

The year 2015-16 is a highly significant year for the urban sector. During this past year, the Government of India has incubated and launched four urban missions (SBM, HRIDAY, Smart, AMRUT), which are designed to bring about an urban transformation in the country. NIUA has provided continuous support to the MOUD through this period. The Institute has also initiated new research and development of a sanitation capacity building platform and an innovation hub. The supports from CIDCO, Maharashtra, and other initiatives have supported our endeavour to remain at the cutting edge of smart city thinking. We continue to grow with the support of our partners, including the Ministry of Urban Development, CIDCO, HUDCO, ADB, World Bank, Cities Alliance, Tata Trusts, Rockefeller Foundation and the Bernard van Leer Foundation.

We thank all our stakeholders for their encouragement and support to deliver integrated solutions for urban India.

Jagan A. Shah
Director
2016

Members of Governing Council		
Vice President		
Dr. Sameer Sharma Joint Secretary (Smart Cities) Ministry of Urban Development Nirman Bhawan, New Delhi-110011		
Member Appointed as Ex-Officio		
Ms Jhanja Tripathi Joint Secretary & Financial Adviser Room No. 141 C-Wing, Ministry of Urban Development Nirman Bhawan, New Delhi 110011		
Elected Members		
Ex-Officio	Shri Neeraj Mandloi Jt. Secretary (UD) Room No. 140, C-Wing Ministry of Urban Development Nirman Bhawan, New Delhi.	Ms. Sunita Sanghi Advisor (UD&H) NITI Ayog Sansad Marg New Delhi 110001
Founder Member	Shri Jag Mohan Bangla No. 1, Pt. Umashankar Dikshit Marg Chanakyapuri, New Delhi-110021	Shri J. R. Bhalla D-29 First Floor, Defence Colony New Delhi 110024
Corporate Member	Dr. Ravi Kanth, IAS (KL:86) Chairman & Managing Director Housing & Urban Development Corporation (HUDCO), India Habitat Centre Lodhi Road, New Delhi-110003	Chairman & Managing Director Canara Bank Head Office 112, J.C. Road Bangalore 560002
Co-opted Members		
Shri Cherian Thomas Country Director World Vision India 16, VOC Main Road, Kodambakkam, Chennai, 600024 Tamil Nadu		Dr. Jyoti Parikh Executive Director Integrated Research Action and Development (IRDAde) C-80 Shivalik, Malviya Nagar, New Delhi- 110017
Ms. S. Radha Chauhan, IAS President and CEO National E-governance Division Ministry of Electronics and Information. Technology Room No. 4015,4th floor, Electronics Niketan 6 CGO Complex, Lodhi Road, New Delhi 110003		Dr. Dinesh H. Brahmbhatt Director General Indulal Yagnik Institute for Public Policy and Strategic Studies DJMIT Campus, NH-8, Near Sankara Eye Hospital, Mogar-388340 Anand-Gujarat
Member Secretary		
Professor Jagan A. Shah Director, NIUA 1st Floor, Core 4B, IHC, Lodhi Road, New Delhi-110003		

1.0 Background

The National Institute of Urban Affairs is a premier institute for research, capacity building and dissemination of knowledge for the urban sector in India. NIUA conducts research on urbanization, urban policy and planning, municipal finance and governance, land economics, transit oriented development, urban livelihoods, environment & climate change and smart cities.

Established in 1976, as an autonomous body under the Societies Registration Act, the Institute enjoys the support and commitment of the Ministry of Urban Development and Ministry of Housing and Urban Poverty Alleviation, Government of India, State governments, urban and regional development authorities and other agencies concerned with the urban sector.

The Institute is governed by a Governing Council which comprises of a President, appointed by the Government of India, two Vice Presidents, three officials of the Government of India and twelve other urban professionals and experts as members, and the Director, the Chief Executive of the Institute, as the Member-Secretary.

The Institute supports policy formulation, programme appraisal and monitoring for the Ministry of Urban Development and other Ministries and Departments of the Government of India and also undertakes research and capacity building projects with multilateral and bilateral agencies and private sector organisations.

The Urban Data Centre at NIUA promotes research and evidence based planning and management of the urban sector in India.

NIUA publishes Urban India, a bi-annual journal; Environment Urbanization ASIA - Journal (E&U-Asia) and 'संवाद' "Samvad" (Grihpatrika / Inhouse Hindi Journal)

2.0 Research Work of NIUA

2.1 Ongoing Studies

2.1.1: Migration in Indian Context

This research initiative to Strengthen and Harmonize Research and Action on Migration in the Indian Context (SHRAMIC) is funded by the Sir Dorabji Tata Trust (SDTT). It will be jointly carried out by IGIDR, Centre for Policy Research and NIUA.

A special issue of Urban India journal on 'Migration' has been published based on compilation of case studies and research done by Tata Trust funded NGO partners. The tables have been generated based on unit level data of the 69th round of the NSSO. A draft report has been generated based on the data analysis. The list of deliverables for the year 2015-16 has been shared with IGIDR. A working paper on 'Migration in Slums of Kolkata: Examining Migrants' Labour Market Outcomes' has been submitted for further evaluation

and uploading in its web portal. Also, a paper 'Distribution of Housing and Basic Amenities in Urban India with special reference to Migrant Households' is being finalised for publication in a peer reviewed journal. Also, papers are being reviewed to bring out in the compendium.

"Understanding Migration Patterns and Migrant Experiences in Asia" is the theme of the March 2017 (8.1) issue of the Environment and Urbanisation Asia journal. The "call for papers" has been uploaded on the journal website.

A survey on access to basic amenities in migrant and non-migrant households in Budhela, an urban village of Delhi was carried out by Paras Tagyi (student of National Law School of India University, Bangalore) under my guidance. A brief paper on the same is under process. Two Blogs 'Migration and Work: Exploring Women's Labour Market Participation in Indian Cities' and 'Dress Codes: Contextualizing Migrants' Dressing Behaviour in the Slums of Kolkata', were submitted to SHRAMIC by Dr.Arpita Banerjee. Also relevant questions on migrants' labour market histories were prepared for field survey.

2.1.2: Asian Cities Climate Change Resilience Network (ACCCRN)

The project, supported by the Rockefeller Foundation, supports capacity building through training, integration of climate information, dissemination of existing knowledge products on Urban Climate Change Resilience (UCCR), linking networking partners as a means to influence policies, address the potential impacts of climate change in urban environment, link climate resilience to development planning and management. The five objectives of the project are as follows: (i) Capacity building of NIUA in UCCR; (ii) Knowledge and training needs assessment; (iii) Institutional capacity building of national and state level nodal agencies; (iv) Capacity building of city nodal agencies and authorities; (v) Knowledge networking, research and documentation.

The project covers two more components:

- A research study titled "Measuring Cost of Resilient Cities from a City Level Finance Perspective: Water supply, Sanitation and Storm Water Drainage sectors". The main aim of this study is to estimate cost of flood resilient water, sanitation and storm water infrastructure. The specific objectives of the study are:
 - a) To identify gaps in WSS infrastructure to meet current as well as future demand and bring out issues concerning these sectors.
 - b) To develop measures for flood resilience and highlight the vulnerability to floods by taking account of existing infrastructure and institutional set up.
 - c) To estimate financial cost of resilience of WSS sectors based on deficiencies of floods and taking into consideration the future impact of climatic changes.
- A "GIS based Visualization System: Integrated Spatial Decision Support System (ISDSS)". The ISDSS uses GIS and will provide decision-support to city managers so that resilience can be prioritized in the planning and design of infrastructure under AMRUT and SMART cities. NIUA plans to develop a model ISDSS that can be used for training of city managers in the 100 smart cities.

Work done in the project during FY 2015-16 is summarised below:

1. Knowledge and Training Needs Assessment (KTNA): Four Knowledge and Training Needs Assessment (KTNA) reports were received from the four regional institutions covering six cities each from eastern, western, northern and southern region. These were reviewed and comments sent for finalizing the report. A summary KTNA report was prepared by NIUA covering all 24 cities.
2. Capacity building: Four training programmes on “Urban Climate Change Resilience” were conducted in four regions of the country for urban local government and other city officials during FY 2015-16, as given below:
 - Training at Kolkata for eastern region, in collaboration with the Centre for Environment Education Kolkata, from April 27–29, 2015. Eight municipal officials and three staff members from ATI, Kolkata attended the training programme.
 - Training at Surat for western region, in collaboration with Sarvajanik College of Engineering and Technology, Surat from July 14-16, 2015. Fifteen Municipal officials from Bharuch, Bhavnagar, Aurangabad, Kolhapur, Ujjain and Jodhpur attended the training programme.
 - Training at Thiruvanthapuram for southern region, in collaboration with Institute of Land and Disaster Management, Thiruvanthapuram from July 29-31, 2015. Sixteen Municipal officials from Mangalore, Vishakhapatnam, Puducherry, Allapuzha, Pathanamthitta, and Thiruvananthapuram attended the training programme.
 - Training at Mussoorie for northern region, in collaboration with Lal Bahadur Shastri National Academy for Administration, Mussoorie from August 24-26, 2015. Eighteen Municipal officials from Mussoorie, Dehradun, Nainital, Mandi, Dharamshala, Udhampur and Srinagar attended the training programme.

The work for conducting the training programmes included coordination with the regional institutions, finalizing list of potential participants, agenda and resource persons, finalizing logistics, presentations, hand-outs, certificates etc.

- Summary report prepared of all four training programmes conducted in collaboration with the four regional institutes.
- Cost of Resilience Study: Two cities have been finalized for the study viz. Guwahati and Vishakhapatnam. A questionnaire that covered all the three aspects i.e. infrastructure, institutions and finance was prepared and shared with the municipal corporation and development authority of Guwahati which are involved in planning, designing, implementing and operating & maintaining city infrastructure. Discussions were held with concerned city officials from administrative and technical wings during city visits. Data and related documents were collected from the city for further assessment.
- Work on the following research studies was carried forward –
 - Analysing the variability and vulnerability of urban climate in Indian cities;
 - Indian coastal cities and climate change;
 - Climate extremes in urban areas: Heat Waves.

- Draft Policy Brief prepared on 'Heat waves and building resilience of Indian cities'.
 - Climate Profiles of selected cities are being prepared. The cities are: Delhi, Chennai, Kolkata, Thane and Varanasi.
3. Knowledge Networking: Under this component, the following activities were done:
- Organized a meeting on ACCCRN Knowledge Networking Strategy on 7th May, 2015 at NIUA, and preparing Minutes of the Meeting.
 - Prepared ACCCRN India Knowledge Network Strategy Document - a detailed work plan for the ACCCRN India Knowledge Network.
 - Prepared draft FAQs on UCCR.
 - Prepared draft outline for a symposium on "Sustainable Urban Habitat and Climate Change"
 - Submitted a written interview to ACCCRN Regional Network on 'Expectations from COP 21'.
- Blogs for the ACCCRN Network written on the following:
 - Need for Heat Action Plan in India.
 - Urban water security; and Need for heat action plan in India for ACCCRN Regional Network
 - Prioritising Urban Resilience
 - Building Water Security
 - Forging partnerships in strengthening Resilience: Case of Rajkot City.
 - Prioritising Urban Resilience Agenda at COP 21.
 - Center staging cities in Post COP 21 climate actions.
 - Delhi's experiment for green environment.
4. UCCR reporting: Prepared and sent six monthly report to Rockefeller Foundation in May 2015.

• **Measuring Cost of Resilient Cities from a City Level Finance Perspective**

This research project is supported by the Rockefeller Foundation under Asian Cities Climate Change Resilience Network programme in India. The scoping study is nine months project which started from November 2015.

The specific objectives of research project are following:

- a) To identify important gaps in infrastructure of selected sectors as prescribed in previous development plans and revisit assessment for current deficiencies of these sectors.
- b) To develop measures for Floods resilience and highlight the vulnerability to Floods by taking account of existing infrastructure and institutional set up.
- c) To estimate financial cost of resilience of WSS sectors based on deficiencies suggested in Master Plans, DPRs and take measures for extreme scenarios of Floods and taking into consideration the future impact of climatic changes.

Four cities from different geo-climatic domains in north, east, west and south are to be selected in this research study. After assessment of flood hazard map of India, doing literature study, going through national reports three cities are selected by now. Guwahati in northeast hilly terrain, Vishakhapatnam in south coastal area and Vadodara from western alluvial plain have been identified as study cities. Final city from the north possibly from indo-gangetic plain is yet to be identified.

As proposed in objectives, infrastructure gaps in study cities was appraised from CSP documents. 41 CSP documents were collected from various sources. After going through each CSP document, a summary of financial requirements proposed by each city for WSS sector was prepared. CSP documents helped in understanding the infrastructure gaps in the cities and baseline data. Base maps of the study cities were prepared. The Google earth, Landsat satellite imageries, digital elevation data were analyzed in the open source GIS software to delineate following information.

To collect baseline information on infrastructure, institutions and finance from selected cities; a detailed questionnaire with multiple choices and narrative summary was prepared. Information on impact of floods on the WSS sector located in different areas was collected. Questionnaires were shared with municipal corporation and city development authorities in advance to provide the relevant data. During city visits, personal discussions were held with city engineers and concerned staff to collect additional information. Visit to three cities have been done.

Annual budgets of study cities were collected from municipal corporation offices. The information on revenue receipts and revenue expenditure of water, sanitation and storm water drainage sectors was extracted from budget copies. Data was analyzed to understand the performance of different sectors as stated in the project objectives.

Comparative assessment of the information collected from cities on infrastructure, institutions and financial details is presently being done.

This research study will attempt to identify how urban flooding affects service utilities water supply, waste water, storm water drainage and estimate approximately the financial cost of urban resilience to floods.

2.1.3: South Asia Urban Knowledge Hub

The South Asia Urban Knowledge Hub (the K-Hub) aims to increase the influence of evidence-based advocacy for urban policy and practice in South Asia. Presently consisting of the 4 countries Nepal, Bangladesh, Sri Lanka and India, the K-Hub will build a network of training and research institutions in the region and develop a forum for improving knowledge management within and between countries and regions. K-Hub activities will facilitate sharing of best practices in urban management, infrastructure and services delivery in South Asia and other regions and develop capacity for outcome-oriented research in the urban sector.

NIUA-ADB-IHC Urban Dialogue Series is being organised on the 3rd Friday of every month with an eminent urban sector expert (both national and international) speaking on emerging

themes on the urban sector. The activity is planned for the year 2015. Urban dialogues have been organized in till December 2015.

The concept note for Objective I on Inclusive Prosperity is being revised based on comments received. The fieldwork in three cities is scheduled for May (Bhopal) and June 2016 (Thrissur and Chennai). The second objective has been modified from non-networked innovative sanitation solutions to preparing guidance note for DEWATS for which the new concept note has been finalized with the comments received. Revised engagement strategy is being prepared and draft outline for the guidebook has been prepared and shared with ADB and comments have been incorporated. Interview with stakeholders to understand their needs is in progress.

The third objective, which had a regional level deliverable to promote evidence-based research in India through standardisation and analysis of data on demographic, social and economic indicators, has now been changed to a national level database to align with the National Missions (Smart and AMRUT). The indicators for AMRUT are being worked out. The fourth objective of recommendations for revised urban planning curricula with a pro-poor focus has been modified to now recommend an overall revision to match the mandate in the new urban agenda of the country. Consultation with 3 Planning Schools (IIT Kharagpur, SPA Delhi and SPA Bhopal) have been done. Draft revised engagement strategy along with case study based on new focus is being prepared.

Monthly skype calls of team leaders and bi-monthly progress reports to ADB are submitted regularly.

K-Hub website is regularly updated with country pages being created and updated. Blog on K-Hub web page has been set up for increased interaction.

Urban Thinkers Campus with focus on Inclusive Prosperity (a knowledge product of K-Hub) was organized in October 2015.

Meeting with Michelle Laurie Communication Expert for K-Hub from Canada to review progress and way forward. at NIUA during October 14-16, 2016, VC meeting with the entire K-Hub team and ADB (in both Manila and India) was held at NIUA in November. Team meeting with India Resident Mission was held at ADB office in December for review.

Bi-monthly report is shared regularly. January-April 2016 has been completed and shared with ADB. Team meeting via skype held with Michelle on February 26, 2016. Regional VC held with full K-Hub team to discuss update on April 12, 2016.

2.1.4: CIDCO Smart City Lab

The 'CIDCO Smart City Chair' was established at NIUA on July 3, 2014 as a research and capacity-building unit. It is developing and providing opportunities for training to CIDCO's technical personnel, with a focus on the development of 'smart cities'. The unit is assisting CIDCO staff in implementing key projects, developing proposals and undertaking research for planning and engineering projects, coordinating between agencies and capturing and

creating awareness about the existing knowledge within CIDCO. The unit also creates awareness about smart and innovative solutions in priority sectors, such as land-use planning and management, traffic & transportation, utility networks, public services, conservation/preservation of greenery and energy efficiency. Between April 2015 and March 2016, the lab continued its knowledge support to CIDCO while also extending support to National Smart Cities Mission.

- **Research and Documentation**

1. Authored background Paper for Round table discussion and consultation on Sustainable Energy Integration in Smart Cities
2. Assisted CIDCO in preparation of CIDCO Smart City Action Plan for southern nodes of Navi Mumbai
3. Prepared brochures for 88 Smart projects of CIDCO Smart City Plan
4. Developed a Citizen Engagement framework for preparation of Smart City Proposals

- **Projects**

1. Provided technical input for bike share at India Habitat Centre, New Delhi
2. Provided technical input for skywalk at Kharghar, Navi Mumbai
3. Prepared and submitted the specialised training Detailed Project Report for CIDCO
4. (Lab is) Awarded UK Foreign and Commonwealth Office (FCO) prosperity fund for developing TOD guidelines in Smart Cities

- **Workshops**

1. Identified experts and developed full agenda for a Smart Cities Workshop at Navi Mumbai
2. Prepared and submitted a proposal for day long workshop to Urban Studies Foundation

- **Tenders and Proposals**

1. Prepared and submitted Request for Proposal for Bhubaneswar Urban Knowledge Centre
2. Prepared concept note for Hackathon at Delhi
3. Prepared and submitted Detailed Project Report for specialised training at CIDCO

- **Training and Capacity Building**

1. Updated calendar for training, conferences and seminars for CIDCO for year 2016
2. Co-ordination with ASCI, Hyderabad and IIHS, Bangalore for training needs of CIDCO

- **Publications**

Published combined issue -Vol. 1, no.3 & 4 of newsletter

- **Knowledge Support and Other Activities**

1. Coordinated sessions on 'Smart City Urban Planning' at Smart Cities India 2015
2. Assisted senior staff at CIDCO in developing presentations given to All India Civil Service Officers visiting CIDCO for training
3. Assisted CIDCO in the presentation at NITI Aayog
4. Presented Development of Navi Mumbai at Smart Cities event, Kuala Lumpur
5. Presented "Smart cities and Climate Smart Cities" in New Delhi

6. Coordinated sessions at Ideas Camp organized for cities participating in National Smart Cities Mission
7. Facilitated CIDCO to present Navi Mumbai Smart City Model in New Delhi
8. Participated in a Consultation on building a framework for Gender Inclusive Smart Cities hosted by UN Women and Akshara
9. Participated in the 2nd Green Freight India Working Group Focused Group Discussion organised by Clean Air Asia
10. Presented 'Technology and City' at the Columbia Global Centre, Mumbai
11. Collaborated with IIT madras for tech fest Shastra
12. Prepared and presented a presentation at PRS legislative research ,New Delhi
13. Participated in a workshop on 'Using data to build safer cities'
14. Prepared and delivered a presentation at Velo-City Global 2016 in Taipei, Taiwan
15. Presented an overview of transportation situation in India at UTTP India bus seminar

- **National Smart Cities Mission**

1. Assisted in Appraisal of SAAP and SLIPs under AMRUT mission
2. Provided support for Smart Cities Mission results announcement
3. Prepared Smart City Plan Summaries
4. Assisted in 'SMARTNET" project
5. Analysed smart city proposals to identify projects within different sectors for ADB and GIZ
6. Assisted ministry in preparation of presentation for Indo-German exchange and Australian stakeholders meet
7. Analysed PPP projects from Smart City Proposals of lighthouse cities

2.1.5: E-Learning Course at NIUA

The e-Learning course is an initiative for developing an India specific course titled, 'Sustainable Land Use Planning' is supported by the World Bank Group. The course would be designed to enable a student to intelligently and meaningfully engage in urban land use planning discourse as well as critically monitor and evaluate the progress of any city or urban space of interest in the Indian context. The pilot E-Learning initiative customized to the Indian context is planned for a wide range of participants including city and state officials. This promises to help NIUA strengthen its existing capacity building initiatives and mark NIUA as one of the premiere institutes in the country for developing and delivering e-learning courses to city and state officials.

The final content prepared by Subject Matter Experts (SMEs) for each of the 5 modules have been shared with the Instructional Designers. The final content prepared by Subject Matter Experts (SMEs) for each of the 5 modules has been shared with the Instructional Designers. After the completion of the design and content of Module 1 on the Moodle LMS setup in the last quarter, the storyboard for the content of the remaining 4 modules has been completed. The alpha version of the design of the complete E-learning course is expected to be launched by mid-January. The course is now expected to be ready for delivery in March 2016.

2.1.6: Child Friendly Smart Cities

NIUA has partnered with the Bernard van Leer Foundation (BvLF) to develop knowledge and advocacy for Child-Friendly Smart Cities (CFSC) in India. This project is a three year engagement between NIUA and BvLF that aims to promote policies and practices to make Indian cities more child and family- friendly. The goal of the project is to mainstream the needs of young children in Indian cities in a comprehensive manner and bring greater awareness amongst urban planners and policy makers about the interrelationship between a child's health and the build environment/ living conditions. The project focuses on interventions and advocacy related to the issue across four key theme areas - public health, safety and security, transportation/ mobility and living conditions. Governance aspects across the key theme areas will also be considered for greater convergence of various agencies to address children's needs.

As part of this initiative, a CFSC hub has been created at NIUA to promote knowledge driven, advanced and effective child friendly urban planning frameworks that will include children's perspective and encourage children's participation in the planning/ management of cities. The CFSC hub will focus on advocacy, policy interventions and provide technical support to city administrations working towards becoming child-friendly. It will support and guide CFSC Centres located in several cities to identify/ implement specific projects and help with training and capacity building of staff of city agencies and ULBs. The CFSC Centres in turn will support/ supplement urban planning and design capacities of City Development Agencies.

Key outputs this year primarily focused on advocacy and knowledge building and include the following:

- Inputs provided by NIUA on including child friendly aspects in the National Missions found their way in both the Smart City Mission Guidelines and the AMRUT Guidelines. Smart City Mission guidelines recognize children as key stakeholders. Thrust areas include – creating walkable neighbourhoods, preserving and developing open spaces, ensuring safety of citizens, especially children. AMRUT Mission thrust areas intend to enhance the amenity value of cities by creating and upgrading green spaces, parks and recreation centers, especially for children and also include establishing pollution monitoring systems in cities.
- A representative from the CFSC team participated at Prep Com II in Nairobi, Kenya between April 13-17, 2015 to scope and identify platforms for engagement on children's issues and bring back insights and learnings to chart out engagement opportunities over the next year in the lead up to the Habitat III at Quito.
- As part of the communication campaign, Dr. Sophie Hadfield-Hill, Lecturer from the University of Birmingham, UK was invited to present her research on children and young people within the context of urban spaces and new city developments in India at the NIUA-ADB-IHC Urban Dialogue Series -2015.
- A special session was organized on Prosperous Communities: Children and Youth as part of the Urban Thinkers Campus, India event led by NIUA between October 5-8, 2015 on

the theme 'The City We Need Fosters Inclusive Prosperity'. The special session focused on the scope of urban planning interventions to achieve prosperous communities that address the needs of children and youth; connecting to UN Habitat's agenda of inclusive cities that acknowledge inclusion of children and youth to be one of the functions for making the city inclusive.

- Under the CFSC project NIUA extended its support to Hamara Bachpan Campaign and the University of Birmingham for the dissemination of research findings from the use of the app 'Map my Community: Child-led participatory mapping of urban life in Delhi'
- The first Child Friendly Smart Cities (CFSC) Center was launched in Bhubaneswar on March 4, 2016. The CFSC Centre at Bhubaneswar is an extension of the Child-Friendly Smart City Hub (CFSC Hub) created at the NIUA and will supplement the capabilities of the Bhubaneswar Development Authority (BDA). The CFSC Centre will assist the city of Bhubaneswar in realizing its vision of becoming India's first child friendly smart city under the smart cities initiative and help address the various issues emerging out of rapid urbanization.
- A day prior to the CFSC launch event, an MoU was signed between BDA and NIUA, on March 3, 2016 to set up a CFSC Centre at Bhubaneswar with grant from the BvLF. The MoU was signed at secretariat in presence of the Odisha chief minister Naveen Patnaik, BvLF Board members, Ravindra Pratap Singh, Director, WCD and other dignitaries.
- Draft documents of several knowledge products prepared by NIUA under this project such as the baseline study on status of children in India, Compendium of Best Practices for child friendly cities, and draft white paper on Indicators for CHILDren friendly Local Development (I-CHILD) by Ecorys India were prepared and shared with the BvLF team.
- Work on the CFSC website was initiated, a micro site for an online repository was created under the NIUA website and uploading of content was initiated
- Presentations were made on Envisioning Child Friendly Cities and Planning and Design principles for CFSCs at various forums/ conferences including: Kaleidoscope 2015: A National Conference on Child Rights – Participation and Play in the Urban Context, at Mumbai; Exploring the role of CSR in delivering sustainable, smart cities at Amity University; International symposium on Livable Habitat and Sustainable Urban Agenda organized by MoHUPA and IIT Kharagpur
- THE CFSC team submitted an abstract for an international conference on the theme "Child in the City". This international event and trade show is a joint project of the Child in the City Foundation and the European Network of Child Friendly Cities (ENCFC) scheduled at Ghent, Belgium between November 7-9, 2016.

2.1.7: Demographic, Economic and Social Structures of Different Sizes of Urban Settlements in India (Phase II)

This project is envisaged to carry out an empirical research to analyse the demographic, economic and social structures, and the status of basic infrastructure and housing of the different sizes of urban settlements.

The HUDCO Chair has been extended and HUDCO has approved a fresh contract for the period 2015-18 split into three years. The first and second instalments for the first year have been released and research on preparing Demographic, Economic and Social Structures of small towns and that of consolidation of Different Sizes of Urban Settlements in India has started.

2.1.8: The Sanitation Capacity Building Platform (SCBP)

The purpose of the platform is to support and build the capacity of the cities to plan and implement decentralized sanitation. Decentralized sanitation is a key solution to accomplish the Swachh Bharat Mission, AMRUT and the Smart City scheme. The National Institute of Urban Affairs (NIUA) is the anchor organization for this platform. NIUA will actively reach out to cities and states to learn about their sanitation situation, assess their needs, and develop a customized capacity building programme for each city. NIUA will then connect each city with the appropriate capacity building partners of the platform. These partners include prominent universities, training centres, resource centres, non-governmental organizations, consultants and other experts. The partners will deliver capacity building activities to each city according to the city's unique needs and ambitions, targeting not only city officials, but also other stakeholders involved in sanitation value chain. In addition, NIUA will provide ongoing support to the cities before, during and after the capacity building activities. Specifically, NIUA will act as a help desk for the cities, responding to requests and inquiries. Moreover, NIUA will facilitate knowledge and experience sharing among cities. The project has been funded by Bill and Melinda Gates Foundation (BGMF).

2.1.9: Evaluation of Urban Planning Course Curricula in Select Planning Schools to incorporate Disaster Risk Reduction and Climate Change Adaptation.

The study funded by UNDP, sets out the objectives and framework for the evaluation of the curricula in the Planning Schools of India with respect to the modules and training materials on disaster risk reduction and climate change adaptation tools. It summarizes the proposed strategy to assess the critical gaps between the scientific approaches towards disaster risk reduction and climate change and existing planning education in India. The study comprised literature review, questionnaire survey and consultation with the key people in Planning Education in India. This assessment enabled identification of the critical gaps between the current policies and programme of climate resilient city and disaster risk reduction and planning education in the selected schools in India.

The study recommended a series of measures including proactive initiatives by the academic fraternity on these themes, capacity building of the planning schools, access to relevant literature through an e-library, setting up a national forum for planning schools so that the

learning environment is reformed and new themes are effectively integrated in the training the future planners who are demanded by the market to work in new knowledge domains.

The final draft of the report has been submitted on 31st March 2016.

2.1.10: Establishing of Geospatial Infrastructure at NIUA

The NIUA initiated the establishment of geospatial computing facilities to cater the need of geoinformatics support for all the ongoing projects. It has been supported by the Rockefeller Foundation.

GIS team initiated GIS & Remote Sensing data creation activities, collection of primary and secondary data for the same, Image processing, Geospatial analysis and establishment of GIS Server applications using Open Source Platform and started supporting other team members of NIUA in their ongoing Projects. Following activities were undertaken by GIS team during December '15 – March '16:

- Pilot study on Child Friendly Cities - Preparatory works like selection of study area, collection of primary and secondary data, image processing, image classification of different time series satellite data, collection and creation of base line GIS layers are ongoing.
- Establishing of Geospatial Infrastructure at NIUA: GIS team contacted and discussed with several GIS solutions providers to get the application licenses and use at NIUA, but none of them interested to provide licenses to NIUA on complementary basis. Hence, GIS team looking and working on to implement the open source GIS platform.
- Mapping the Location of Smart & Amrut cities, Demographic and economic data analysis and data linking, Preparation of thematic maps and charts.
- Preparation of elevation and slope maps of coastal states of India, plotting of coastal cities, data linking and data analysis, Depth data analysis and preparation of Bathymetric maps
- Maps of Landuse land cover, delineation of roads and rail network, water bodies, drainage and streams, location of ports and airports of India.
- Watershed and Catchment area analysis of Brahmaputra river basin in Guwahati, Kamrup division, Assam - Hydro-geomorphic analysis - DEM, error filling, calculation of slope, flow direction, flow accumulation, delineation of watershed and stream ordering.
- Demographic data analysis of Urban Children of India, data linking, preparation of charts and thematic maps.
- Setting up of Open Source GIS Server application and testing: Open Source GIS Platform comprising GeoServer, PostGreSql, OpenLayers, QGIS has been installed and being tested.
 - Launching of Document Management System and testing of the same
- Attended GEOSMART India exhibition held from 1-3 March 2016 on latest Geospatial technologies.

2.1.11: Swachh Bharat Mission (SBM) Exposure Workshops cum Training

During January and February 2016, a proposal for conducting Swachh Bharat Mission (SBM) exposure workshops for about forty participants per batch comprising of senior

Municipal Officials from Swachh Bharat Mission monitored cities and state SBM directorates in 12 batches from May to October, 2016 was submitted to MOUD.

The purpose of the workshops is:

1. Recognize the issues, challenges and constraints of SWM
2. Understand the SWM Rules 2016,
3. Be aware of the various approaches, technologies and their financial implications
4. Plan to implement solutions in their cities

This proposal was sanctioned and 50% advance released on March 30, 2016.

2.1.12: SmartNet

NIUA's proposal for setting up of a solution exchange for India Smart Cities Mission and AMRUT was approved by Ministry of Urban Development in March 2016. Estimated cost of this project as per office memorandum received is Rs. 3.64Crore for a period from Jan. 2016 to March 2019. This project will be funded through 2 percent A&OE of the smart city mission.

Solutions Exchange 'SmartNet' will be commissioned before June 25, 2016.

The objectives of SmartNet are to develop a horizontal learning platform for exchange between Cities, Practitioners, Academia, Researchers and Technologists. Smartnet will have a dashboard for weekly updated information on the progress of the SMART and AMRUT missions. The portal will create an overarching 'community of practice' comprising of city officials and practitioners who can form groups for interaction based on their interest areas, thus allowing for task related assistance from peers and expert mentors. The portal will be a mechanism for knowledge sharing between 100 smart cities and 500 AMRUT cities and a portal to access urban sector resources from around the world.

SmartNet will have a database of global, Indian and locally developed smart solutions and frugal technologies which are packaged and presented in visually interactive manner, as well as a repository of best practices (Model RFP documents, Financial models, land monetization methods, SPV structures and practices, risk mitigation techniques, etc.).

To meet the demand for capacity building, SmartNet will have a training calendar, which will facilitate the development of a 'marketplace' for training, such that an official or technician from a city can easily access training or skill-development modules or courses that are most conveniently located and timed as per that individual's preferences. The portal will also be a source for enrolling interns who can spend time working in ULBs and urban sector departments and agencies. There will be e-learning modules and courses as well as a repository of open source web-based applications.

2.2 Completed Studies/Projects

2.2.1: A Study to Qualitatively Assess the Capacity Building needs of Urban local Bodies

The Niti Aayog (formerly Planning Commission), under its Socio-Economic Research (SER) Scheme, sponsored this research study that covers six cities viz. Chandigarh, Surat

(Gujarat), Indore (M.P.), Nagpur (Maharashtra), Patna (Bihar), and Mussourie (Uttarakhand). The aim of the study was to do a reality check on the functioning of ULBs by interviewing all the stakeholders i.e. government, elected representatives, bureaucrats, NGO's, citizens etc. and to propose measures to build the comprehensive capacity of ULBs.

The presentation to the Niti Aayog was given in June 2015 and 15 copies of the revised final report has been printed and submitted. The project has been completed.

2.2.2: Peer Experience and Reflective Learning (PEARL)

“Peer Experience and Reflective Learning” (PEARL) is an initiative under JnNURM to support cities to actively pursue activities in implementation of the projects and reforms. The objective of PEARL is to create manageable networks between JnNURM cities for cross learning and knowledge sharing. NIUA is the National Coordinator for this initiative.

The CA component of the PEARL programme ended in June 2015. A detailed 'Completion Report' for all the activities that covered the entire duration of the CA funding since April 2010 was prepared and submitted to the World Bank on June 30, 2015.

Research Studies

Research Study on “Transit Oriented Development” has been completed and the final report has been submitted in May 2015.

The research paper titled, "Managing Peri-urban: A case of NCR" compiled by the PEARL team studies the National Capital Region (NCR) as the largest defined planning region in the country and identifies emerging patterns of urbanization its causes and impacts, determines the success/relevance of the Regional Plan strategies and compares it to two other cases and studying peri-urban expansions, prospects, challenges and impacts of urbanization in the region. The paper was completed and printed in June 2015.

The other research paper also compiled by the PEARL team on Smart Cities elaborately defines the concept of a 'Smart City', identifies the essential components based on global experiences and discusses the challenges and opportunities for developing Smart Cities aligned to the government's agenda in the Indian context. The paper was completed and printed in June 2015.

Urban Portal - PEARL

The goal of creating the PEARL website was primarily to maintain an online repository of knowledge products and activities undertaken during the project duration of PEARL. Co-funded by MoUD and the CA support, the India Urban Portal (IUP) was created to provide practitioners and researchers a platform for dissemination of knowledge related to urban management issues in addition to the sharing of knowledge products created under the PEARL program. As a result of this thorough consolidation of the vast resource base of PEARL, the achievements of the long-drawn program are more obviously highlighted. The archive of the IUP has

now been branded as the PEARL website and is available at <http://pearl.niua.org>. The website updating activity was completed on 30th April 2015.

Documentation and Dissemination of good practices

The Compendium of 10 good practice cases for Urban Reforms was prepared in-house by the PEARL team. The final report was completed in June 2015 which would be distributed with relevant stakeholders.

The report documenting the proceedings of the day has been printed and shared with a wider audience.

Film

Under 'PEARL Knowledge Products', NIUA proposed to develop a movie presentation showcasing NIUA's mission/work and work done under PEARL in the context of urban India as a good practice. The film has been completed in two versions, a short 3.54-minute film and a 12.40-minute film capturing the forty years of NIUA legacy, its existing capacities as an urban think-tank and the future research areas. The shorter version was also screened at the exhibition organised during the launch of the two missions of Smart Cities and AMRUT in June 2015.

2.2.3: Ascertaining the Impact/Social Objectives Achieved by Repealing the Urban Land (Ceiling and Regulation) Act, 1976 to ULBs

The purpose of the study is to investigate the extent to which the objectives of the Urban Land (Ceiling & Regulation) Repeal Act, 1999 were achieved such as (a) Did it allow to release expected urban land for development and did it bridge the gap between demand and supply in the real estate sector, (b) Did it contribute to the augmentation of housing stock for the EWS?

The Draft Final Report was submitted to MOUD on 31st July 2015, titled, "Impact Assessment of the Urban Land (Ceiling and Regulation) Act, 1976 and the Urban Land (Ceiling and Regulation) Repeal Act, 1999". The NIUA team had encountered several challenges in completion of the study. Since the ULCRA came in 1976 and was repealed in 1999, the concerned ULC departments have been closed down and officials had either retired or transferred to other departments. The other challenges faced were the lack of relevant information owing to poor maintenance of land records at both state and city levels and delay on account of conductance of Lok Sabha, Assembly Elections, Local Body Elections and application of the Code of Conduct etc. This Assignment got completed on July 31, 2015.

2.2.4: Demographic, Economic and Social Structures of Different Sizes of Urban Settlements in India

This project was envisaged to carry out an empirical research to analyse the demographic, economic and social structures, and the status of basic infrastructure and housing of the different sizes of urban settlements.

The Phase 2 concentrated on the metropolitan/million plus cities in India; drawing upon secondary data from the Census, and unit level data from the relevant rounds of National Sample Survey, supplemented with data from Central Statistical Organisation and Planning Commission.

Field work has been completed in two states i.e. UP and Karnataka. A presentation on the 2nd year report was also done to the COD, HUDCO on October 10, 2014.

The draft report have been accepted and based on the comments, the report was finalised. The report was released on the World Habitat Day at Vigyan Bhavan.

3.0 Seminars/Workshops/Training Programmes/Events

NIUA is actively contributing towards upgrading skills of urban managers, and has organized series of workshops, training programmes and seminars on themes of national importance, bringing together concerned stakeholders for focused discussions.

- The training for the ULBs on 'Urban Climate Change Resilience' was conducted in collaboration with the Centre for Environment Education, Kolkata, at Administrative Training Institute, Kolkata from April 27– 29, 2015.
- NIUA in partnership with ADB and India Habitat Centre has launched a monthly dialogue series for initiating discourses on emerging themes in the urban sector. The 4th dialogue was on 'Disaster Risk Reduction in Urban Scenario: Challenges for South Asia' by Prof. Santosh Kumar, Executive Director, NIDM, Delhi. The discussant for this dialogue was Mr. Kamal Kishore, Member, National Disaster Management Authority at Gulmohar Hall, IHC, New Delhi on April 17, 2015.
- 5th dialogue on 'Thinking Spatially' by Mr. Phil Williams, Vice President, Royal Town Planning Institute, United Kingdom was held at Gulmohar Hall, IHC, New Delhi on May 15, 2015.
- 6th dialogue was on 'Reshaping the Indian city-Convergence in the New Urban Agenda' by Prof. K.T. Ravindran. The discussant for this dialogue was Dr. Shrawan Kumar Acharya, Professor at Centre for the study of Regional Development (CSR), Jawaharlal Nehru University, New Delhi at Gulmohar Hall, IHC, New Delhi on June 19, 2015.
- 7th dialogue was on 'Capitalising on India's Urban Growth' by Ms. Ireena Vittal, former partner, McKinsey & Co. The discussant for this dialogue is Prof. DTV Raghu Rama Swamy, Director, School of Infrastructure, Research & Institutional Consultancy at RICS School of Built Environment, Amity University, NOIDA, at Gulmohar Hall, IHC, New Delhi on July 10, 2015.
- 8th dialogue was on "Titanic Quarter Redevelopment: Belfast's Proposals for Global Investment" by Dr. M. Satish Kumar, Associate Professor, School of Geography, Archaeology & Palaeoecology, Queen's University Belfast, Northern Ireland, UK. The discussant for this dialogue was Mr. Alain Grimard, Senior Human Settlements Officer of UN-Habitat and Country Representative in India, at Gulmohar Hall, IHC, New Delhi on August 21, 2015.
- The 9th dialogue was on "Children and Young People as key stakeholders in India's Urban Agenda" The speakers who lead this discussion were Dr. Sophie Hadfield-Hill, Lecturer in Human Geography, School of Geography, Earth & Environmental Sciences, University of Birmingham, UK and Dr. John Horton, Associate Professor in Human

Geography and Associate Director of the Centre for Children and Youth (CCY) at the University of Northampton, UK , at Gulmohar Hall, IHC, New Delhi, on September 18, 2015.

- NIUA had been appointed as a Lead Partner of the World Urban Campaign and was asked to organize an “Urban Thinkers Campus-India (UTC India): The City We Need Fosters Inclusive Prosperity”. Thus, the UTC India was designed in consultation with HUDCO, National Housing Bank, UN-ESCAP, UNGCN India, Cities Alliance, DFID, Research Councils UK, BvLF, World Bank, Shakti Foundation and India Habitat Centre, at Gulmohar Hall, India Habitat Centre (IHC), New Delhi, October 5-8, 2015.
- The 10th dialogue was on "The role of Public Realm in making Smart Cities more Liveable" by Mr. Shyam Khandekar, Urban Designer, Planner and Architect, Netherlands and India Co-Founder and Editorial Director, My Liveable City. The discussant for this dialogue was Mr. S. K. Das, Chief, S. K. Das Associated Architects, New Delhi, at Gulmohar Hall, India Habitat Centre (IHC), New Delhi on October 16, 2015.
- The 11th Urban Dialogue was on "Technotopias - is a city like a machine or a corporation?" by Prof. Sanjay Srivastava, Professor of Sociology at JNU and author of 'Entangled Urbanism: Slum, Gated Community and Shopping Mall in Delhi and Gurgaon'. The discussant for this dialogue was Mr. Awadhendra Sharan, Associate Professor at CSDS, historian and author, at Gulmohar Hall, India Habitat Centre (IHC), New Delhi, November 27, 2015.
- The 12th Urban Dialogue was on "Discovering the City through Filmmaking" by Akanksha Sood Singh, National Award winning filmmaker for her documentaries 'The Pad Piper (2014)' and 'Tigress Blood' (2015). The discussant for this dialogue was Mr. Vasana Bala, actor and writer known for 'The Lunch Box' (2013), 'Bombay Velvet' (2015) and 'Dev. D' (2009), at Gulmohar Hall, IHC, New Delhi on December 18, 2015.

4.0 Technical Support

4.1 Support to MOUD

NIUA has been assisting and advising the Ministry in areas of urban governance and reform by preparing concept notes, reviewing and providing comments on research proposals, reports etc. Some of them are listed below:

- Submitted draft Handbook on Urban Statistics, April 11, 2015.
- Provided inputs to the Ministry on Development and Sustainability April 11, 2015.
- Details of Palakkad Municipality, April 21, 2015.
- Prepared a PPT based on the recommendations of 14 Finance Commission compared to the recommendations of 13 Finance Commission, April 2015.
- Provided comments on the proposal on the formulation of a National Performance Monitoring Cell (NPMC) for urban basic services, May 2, 2015.
- Commented on Second Report of The High Level Committee Financing of Infrastructure, May 6, 2015.
- Prepared a proposal for the workshop on preparation of Meeting on Consultation of States for Implementation of 14th FC Recommendations, May 11, 2015.
- Commented on Proposed BRICS Council of Regions May 13, 2015.
- Provided a detailed note to MOUD on Creation of Inventory of Unused Public Land and Land Acquired under ULCRA, 1976, May 14, 2015.

- Prepared a detailed note on the Impact of Goods and Services Tax (GST) on the Finances of Urban Local Bodies, April 27, 2015, May 15, 2015, May 27, 2015.
- Prepared PPT presentations for Director MOUD and JS MOUD for 14 FC workshop on Consultation of States for Implementation of 14th FC Recommendations, May 28, 2015.
- Provided detailed comments to MOUD on creation of National Investment and Infrastructure Fund (NIIF), June 11, 2015.
- Prepared the key note address on "Federal Structure of Governance is the Key to faster Urban Growth in India", June 12, 2015.
- Furthering BRICS Cooperation - Ufa Summit and Beyond, June 15, 2015.
- Provided detailed comments/note to MOUD on Draft Guidelines for release utilization of grant received by 14 FC for ULBS, June 17, 2015.
- Comments on the chapter on Urban Transformation June 21, 2015.
- Provided MOUD, comments on the "Second Report of the High Level Committee on Financing Infrastructure", July 5, 2015.
- Prepared at PPT presentation for MOUD on initiative taken by MOUD on Accrual Based Account Systems, July 6, 2015.
- Provided detailed comments to MOUD on the "The Dadra and Nagar Haveli Municipal Council (Amendment) Regulation 2015, July 6, 2015.
- Provided detailed comment on 'The Gazette of India Extraordinary Part – III – Section 4' Published by Authority New Delhi, July 15, 2015.
- Securities and Exchange Board of India Notification Mumbai, July 15, 2015.
- Prepared a status of SLBs in class I cities for MOUD July 17, 2015.
- Sent to MOUD, the State code list, July 24, 2015.
- A brief note for MOUD International Conference on "Sustainable and Inclusive Urban Development in India: Learning from International Experiences and Devising Future Strategies, August 1, 2015.
- Review of proposal of Tax Free Bonds of Rs.200 Cr submitted by Govt. of Gujarat under section 109 of the Gujarat Provincial Act, 1949, April 21 and August 5, 2015.
- Provided comments to MOUD on 4th SFC of Uttar Pradesh, August 5, 2015.
- Comments on ICRIER Programme on Urbanisation, Capacity Building and Knowledge Dissemination, August 9, 2015.
- Draft Handbook on Urban Statistics, August 14, 2015.
- Comments on World Bank Assistance for the proposed "Assam Municipal Development Project" for MOUD, August 24, 2015.
- Provided detailed comments on ICRIER Research Papers prepared for MOUD, August 24, 2015.
- NIUA's views/comments on "Relevancy, measurability and availability of official data on Statistical Indicators of SDGs" to MOUD, August 24, 2015.
- Provided updated information to MOUD on Focus Sectors in 'Make in India' Portal viz. makeinindia.com, August 28, 2015.
- Securities and Exchange Board of India (Issue and Listing of Debt Securities by Municipality) Regulations, 2015', August 28, 2015.
- Provided inputs in the workshop on "Climate Change Mitigation - Urban Sector" (Technical Session-III), organized by Ministry of Urban Development at CPWD Conference Room, Nirman Bhawan, New Delhi, September 21, 2015.
- Reviewed the master list of tutorials and provided inputs and improvements for Urban Management Centre (UMC), Ahmedabad who has been commissioned to prepare the tutorials and upload on the SBM website, under Swachh Bharat Mission, where MOUD

- has supported e-courses for solid waste and sanitation. Also met JS and discussed the case studies that may be considered for the course, September 21-22, 2015.
- Provided inputs in Indo-Swedish Joint Working Group Meeting chaired by JS Mr .N. Mandloi, organized by MOUD and NIUA at IHC on October 14, 2015.
 - Provided comments to Ministry of Housing and Urban Poverty Alleviation, GoI on Draft National Urban Rental Housing Policy, 2015, November 10, 2015.
 - Prepared a Proposal for Socio-Economic Analysis of Competitive Smart cities of India November 13, 2015.
 - Prepared a proposal for Mapping India's Urban Profile, (second round) submitted under Generation of Public Use Datasets (Development and Sustainability) to Azim Premji Foundation, November 14, 2015.
 - Prepared Talking Points for Honorable Minister of Urban Development and Housing and Urban Poverty Alleviation, GoI for Resurgent Rajasthan Partnership Summit 2015, 19-20, November 2015 Jaipur, November 16, 2015.
 - Provided detailed comments to MOUD on the “Odisha Land Grabbing (Prohibition) Bill 2015”.
 - Provided detailed comments to MOUD on the “Odisha Underground Pipelines, Cable & Duct (Acquisition of Right of User In Land) Bill, 2015”..
 - Represented MOUD and attended a meeting of Ministry of Panchayati Raj on Implementation of 14 Finance Commission Recommendations on November 23, 2015
 - Provided comments on Handbook on Urban Statistics. December 11, 2015.
 - Prepared interview topics of Honorable UDM, Make in India Publication, December 31, 2015.
 - Preparation of Technical and Financial proposal for Urban Revitalization in India - Technical Assistance to MOUD in support to HRIDAY, December 2015.
 - Inputs provided in preparation of draft proposal for Solutions Exchange –online platform for capacity building under new urban Missions and submitted to MOUD, December 2015.
 - Comments and inputs to MoU template for Training Entities and States under AMRUT Capacity Building Programme and submitted to MOUD, December 2015.
 - Periodically checked the e-courses and advised UMC Asia to improve them during October through December 2015.
 - Writing the editorial, selecting, correcting and editing articles, layout and publishing of the monthly Swachh Bharat Newsletter, uploaded in the MOUD website.
 - Provided comments on the factual note on the applicability of the part IX A of the constitution in the sixth schedule states January 6, 2016.
 - Provided comments on the Matter of Creating Common Platform for Monitoring UD Schemes January 11, 2016.
 - Prepared a speech for UDM on “Influence of Sri Ram Charita Manas on Babu’s philosophy” January 14, 2016.
 - Prepared talking points on ‘India investment Summit’, 2016 for UDM, MOUD, January 16, 2016.
 - Prepared talking points ‘Imperatives, Challenges and Way Ahead in the context of Urbanisation in India’ January 20, 2016.
 - Prepared a speech for UDM on ‘Local Empowerment and Accountability’, January 22, 2016.
 - Interacted with organizations like UMC in Ahmedabad to monitor and advice on the course and films being uploaded by them in the SBM website from January 15-30, 2016.
 - Prepared a write up on Innovations in Urban Management, February 2, 2016.

- Comments on the feasibility of having an independent Central Election Commission for conducting Panchayat elections in the States for UDM, February 2, 2016.
- Provided comments on the Regional Report on Asia and Pacific to Habitat, February 3 and 5, 2016.
- Talking Points for Honorable Minister of Urban Development and Housing and Urban Poverty Alleviation, GOI, Meeting with Indo-UK Institute of Health, UK, in New Delhi, February 8, 2016.
- Provided comments on the issue papers for Habitat 3 on Migration and Refugees in Urban Areas, Urban Governance, Urban Land and Urban-Rural Linkages and Housing Comments on the feasibility of having an independent Central Election Commission for conducting Panchayat elections in the States for UDM, February 17, 2016.
- Interacted with Deputy Secretary and Mission Director, SBM along with representatives from Ministry of External Affairs regarding contacting and organizing visits for ULB officials from 75 SBM monitored cities not only to various waste based plants in Delhi but also WTE plants in China etc. Final corrected proposal on Exposure Visits for ULBs at Delhi was submitted to MOUD on February 25, 2016.
- A proposal for conducting Swachh Bharat Mission (SBM) exposure workshops cum training for senior Municipal Officials from Swachh Bharat Mission monitored cities and state SBM directorates in 12 batches from May to October, 2016 was submitted to MOUD in February. It was sanctioned in March 30, 2016.
- Prepared a response to an article by the UDM, March 1, 2016.
- Organised Indo-German Joint Working Group Meeting by MoUD at IHC, New Delhi on March 7, 2016.
- Organised a Brain Storming Session on Mapping the Roadmap for Urban Reforms under New Missions March 11, 2016.
- Prepared a note on reforms comparison for the March 11 workshop.
- Provided inputs to the Steering Committee on Smart Cities, ongoing.
- Gave inputs and proposal to Director for Transaction Advisory project to be submitted to MOUD on March 31, 2016.
- Assisted ministry in preparation of presentation for Indo-German exchange and Australian stakeholders meet
- Responded to parliament questions

5.0 Information Technology and Knowledge Management

5.1 Journals

5.1.1 Environment and Urbanization ASIA Journal (E&U-Asia)

The issues 6.1, 6.2 and 7.1 have been printed. The September 2016 (7.2) is on "Towards HABITAT III". "Understanding Migration Patterns and Migrant Experiences in Asia" is the theme of the March 2017 (8.1) issue of the Environment and Urbanisation Asia journal. The call for papers have been uploaded on the journal's website.

5.1.2 Urban India

The bi-annual journal '*Urban India*' disseminates research on issues related to urban development, management and governance including urbanization and urban policy, urban management, financing of urban infrastructure and services, urban poverty, urban environment, municipal finance, e-governance, and decentralization besides others. The progress on the journal during the reporting period is as following.

- *Urban India*, Vol.35, No. 1 (January–June 2015) published and distributed. The issue reviewed over 27 items including research papers, articles, book reviews, survey findings, etc. to publish selected 11 items.
- The journal continues to receive several in-depth articles and research papers on diverse urban issues. Articles, papers, book reviews submitted towards *Urban India*, Vol.35, No. 2 (July–December 2015) considering about 20 items is finalized and under typeset and printing stage.

5.1.3 'सम्वाद' "*Samvad*" (*Grihpatrika* / Inhouse Hindi Journal)

Inaugural issue of the new internal house journal/ *grihpatrika* titled, '*Samvad*' prepared and published.

5.2 Newsletter

1. **Swachh Bharat Mission** – This newsletter is being published every month.

5.3 IT infrastructure

- ***IT Enhancement Activities***

Dell Power Edge T430 Server has been installed and data migration from old to new server has been done. New server is working successfully.

Domain name renewal: Renewal of www.niua.org and www.indiaurbanportal.in has been done for another one year 2015-2016 and running successfully.

Annual Maintenance Contract: AMC 2015-16 for the Institute's computers and peripherals with Resident Engineer is running.

The Institute has set up a National Project Management Unit (PMU) for Hriday: For this setup, necessary procurement of laptops/desktops and peripherals for the present requirement has been completed.

HW Purchase:

- 2 HP laptop purchased for the MOUD
- 70 patch chord replaced from the HUB unit of the Institute
- Multi Function printer has been purchased for Director's office to do regular work.
- Tata Photon WiFi hotspot purchased for KPMG (post paid)

SW Purchase:

- Adobe complete cloud team devise based has been purchased for Child Friendly City project.

Publication:

1. Swachh Bharat Mission newsletter is being published every month.
2. Internal newsletter in hindi "Samwad" has been published.
3. A film on NIUA has been uploaded on you tube.

Monitoring Work:

- a. The access policies have been changed and re-designed and implemented as per the user's needs and from time-to-time. Fortinet Fortiguard FIREWALL, a Unified Threat Management (UTM) have been monitored regularly.
- b. Monitoring protection of NIUA's Network from external threats and viruses by renewal of Unified Threat Management (UTM) and internet access policies.
- c. The Spectranet internet service of link of 5 mbps has been monitored regularly using software tools and quarterly payment made as per the placed system.
- d. Kaspersky Internet Security for protection to protect the NIUA's LAN and all Desktops and Laptops from internal and external threats from viruses has been placed and installation of A/V software on the PC/laptop is completed.

India Urban Portal (www.indiaurbanportal.in) is running.

"Video conference equipments" to facilitate the Video Conferencing in the Institute is fully operational. This unit is also being used for the projection of other workshop/seminar presentations.

Biometric Attendance System (BAS) for NIUA employees has been implemented. Two tablets, finger print devises and an iris attendance system has been installed and all are working successfully.

Abstract Report for all the quarters i.e., from April 2015 to March 2016 has been submitted on RTI section of NIUA and CIC website

Nodal Officer at NIUA for Central Procurement Portal - We are using the e-procurement portal for e-procurement and e-publishing as and when required.

Other Work

- Preparation of Salary and related vouchers for the reference period

- Preparation of DA vouchers for the reference period

Domain for the following websites has been created under website www.niua.org :

- a. South Asia Urban Knowledge Hub project: khub.niua.org website has been developed and updated regularly. Videos of Urban dialogue series are being uploaded time to time.
- b. CIDCO Smart City Chair: cidco-smartcity.niua.org website Online data submission form has been developed and is live. Training calendar has been provided online.
- c. Child Friendly City Project: cities4kids.niua.org has been created and website development has been initiated.
- d. Urban Thinker Campus: utc.niua.org domain has been created under niua.org. Process for developing this website has been initiated and completed. Online photo contest app has been developed under this website. Same is running successfully.
- e. Child Friendly Smart City: cfsc.niua.org has been created.

Smart City (MOUD) questionnaire form was generated and later on calculation sheet was prepared for the same.

AMRUT: Online Slip Generation application has been developed and is running successfully.

Hriday Document Management System created

GIS server installed & configured on local server

- **Urban Information Resource Centre**

NIUA website <http://www.niua.org> - The website is managed in-house and is being updated regularly. Bi-lingual support for the website (www.niua.org) has been developed and is in testing phase.

Emailer for sending bulk mails under NIUA Urban Dialogue series is being maintained successfully.

Conversion of www.niua.org in hindi language is completed and up for public domain.

Compilation of Data for Hand book of Urban Statistics

Compilation of data for PCA 2011 and Housing Stock, Amenities and Assets in slum

The Entire IT infrastructure has been monitored for troubleshooting, including Servers, Hardware/Software, network and internet security, firewall, Antivirus server, passive and active components.

5.4 Library

During the year 2015-16,

1. 532 books, reports and census publications were added in the Accession Register.
2. Twelve issues of “Urban News” were brought out.
3. Disseminated news items and articles on urban issues published in the Newspapers and Magazines received in the library on daily basis through e-mail to the researchers of the Institute.

6.0 Hindi Activities

- The Institute has been following the Official Language Policy. Under this policy, the Institute organised Official Language Committee meetings to review Hindi activities under the Chairmanship of Mr. S. B. Jain, Advisor (Legal & Finance) and Dr. Sandeep Thakur, S.R.O, NIUA. In these meetings, the representative of Government of India, Director (Official Language), Ministry of Urban Development Mr. R. K. Dwivedi had been invited to review the hindi activities. The meetings were held on June 24, September 10, December 11, 2015 and March 21, 2016
- Hindi workshops were organised to motivate employees of the Institute to work in Hindi under the Chairmanship of Mr. S. B. Jain, Advisor (Legal & Finance) and Dr. Sandeep Thakur, S.R.O, NIUA. All employees of the Institute had participated in these workshops.
 - The subject of 1st workshop was "Rajbhasha Hindi ki Pramukh Vishestayen aur Patrachar". Mr. Rajesh Srivastav, (Assistant Director-Rajbhasha), Ministry of Health and Family Welfare, had been invited to deliver a lecture on the subject, on June 23, 2015.
 - The 2nd workshop was on “Hindi Patrachar Evam Tipaniyon Mai Vridhi Karne Ki Disha Mai Sarthak Prayas”. The Director (Official Language), (MOUD) Mr. Dwivedi had been invited to deliver a lecture on the subject, September 15, 2015.
 - The 3rd workshop was on “Rajbhasha Niyam and Adhinyam ki Jaankari”. Shri Dwivedi, Director (Rajbhasha), MOUD had been invited to deliver a lecture on the subject, March 21, 2016.
- The Institute celebrated “Hindi Prayog Protsahan Mass” from September 1 to 30, 2015 under which various competitions were held. A Hindi Translation competition was held on December 29, 2015. Prizes were distributed to successful participants on December 30, 2015.

- Hindi Parliament Committee had come for inspection at Ashoka Hotel to evaluate the work done in Hindi at the Institute on October 10, 2015.

- **‘सम्वाद’ “Samvad” (Grihpatrika / Inhouse Hindi Journal)**

In furtherance to commitment made to Rashtriya Rajbhasha Samiti by NIUA, efforts were made to launch an in-house journal in Hindi language. In order to encourage participation and interest amongst employees, a competition was floated to propose journal’s logo and title, and entries were sought for submitting materials for the journal. Consequently, best entries were selected and their ideas incorporated in design of the in-house journal during June-August period. The procurement of contents from different sources like office library, Hindi committee, staff contributions, etc. was coordinated and several dummies prepared to finalize design template for Institute’s first in-house journal. Post-publication, the issue was submitted to Rashtriya Rajbhasha Samiti in August 2015.

The progress made on the journal during the reporting period is given below.

- Inaugural issue (2015/I) of the new internal house journal/ *grihpatrika* titled, ‘*Samvad*’ released in August 2015.
- 2nd issue (2015/II) of the new internal house journal, ‘*Samvad*’ released in January 2016.
- 3rd issue (2016/I) of ‘*Samvad*’ under preparation. Several entries received from the staff which is currently under typeset and layout phase.

The staff is given encouragement to contribute in the journal and all submissions are duly acknowledged.

7.0 Professional Activities of Research Staff

The Institute brings together a team of skilled and experienced faculty and research fraternity who continue contributing to the thinking process on urban management and development in India. Some key individual achievements by our senior faculty and researchers include:

Jagan A. Shah

Member of Board/ Committees

- Member of Committee set up by Ministry of Urban Development to re-visit and re-draft Delhi Development Act 1957, April 2015.
- Visited Swindon, UK to serve as a juror in the 'Engineering Grand Challenge' interviews at the Research Councils UK, September 8-9, 2015.
- Independent Director, Board of Directors, DIMTS, Delhi.

Seminar/workshops

- Attended ‘2nd National Conference of Urban Health Society of India’ hosted by IIHMR at Jaipur, April 4-5, 2015.
- Addressed the participants at the Conference on "Innovation to make Cities financially sustainable" organized by ASSOCHAM at Hotel Le Meridien, April 8, 2015.
- Esteemed Speaker at Global Sankalp Summit 2014 at Vigyan Bhawan, April 10, 2015.

- Panelist in Session 1: 'Smart Community', Japan & India Energy Forum 2015 at Taj Mahal Hotel, New Delhi, April 29, 2015.
- Addressed at YES Institute Smart Urbanization Series, 2015 'Using Urban Design to Reduce the Cost of Infrastructure', New Delhi, May 26, 2015.
- Participated in discussion on 'Urban Water Supply and Sanitation', organised by World Bank, at Oberai Hotel, New Delhi, June 19, 2015.
- Speaker at the Technical session on "Housing for All by 2022 - Redevelopment/Re-densification" organised by NBCC, June 23, 2015.
- Cities" at ASEF Summer University workshop at the Symbiosis University in Attended 'Sanyukt Hindi Salahaar Smiti ki Bathak' under the chairmanship of Hon'ble Minister, MOUD, July 13, 2015.
- Participated in a 'Stakeholder's Workshop', organised by National Capital Region Planning Board, at IHC, July 22, 2015.
- Participated in 6th Edition of 'Infra Conclave Rajasthan - Smart City' organised by CII at Jaipur, July 29, 2015.
- Presentation and Panel discussion on "Transforming Urban India: Roles of Smart Cities Mission and AMRUT" at IIC, August 1, 2015.
- Chaired the Panel Discussion "Strategic Framework for Cities: Linking Economic Performance and Climate Performance" at the FICCI - ICRIER Conference on "Strategies for Sustainable Development: Climate Action, Financial Reform", FICCI Federation House, New Delhi, August 3, 2015.
- Resource Person for the session on "Sustainable Approach to Urbanisation in Heritage Pune, organised by INTACH Heritage Academy at Pune, August 17, 2015.
- Participated as an expert in a panel discussion on the 'Smart Cities Development Framework and Key Issues' organised by NITI Aayog, New Delhi, September 2, 2015.
- Attended the Roundtable Conference on "Innovations in Catalysing Interventions and Data Driven Decision Making for WASH programs" at India Habitat Centre, New Delhi, September 2, 2015.
- Participated Regional Conference for Smart Cities in Hyderabad, organized by MOUD, in Hyderabad, September 7, 2015.
- Chairperson in 'Urban Thinkers Campus-India' organized by NIUA and UN-Habitat, at New Delhi, from October 5-8, 2015.
- Participated as a Distinguished Co-Chairman and Speaker during the Indo-French seminar on "Towards Smart and Sustainable cities", at Lalit Hotel, New Delhi, November 4, 2015.
- Participated in NDTV Hitachi Social Innovation Forum, 2015. Shared ideas and expertise with the audience on session "Integrated Multi - Utility Solutions for Smarter India", New Delhi, December 9, 2015.
- Delivered 4 lectures to students of Masters Programme in Public Policy at Indian School of Economics, Hyderabad, January 2016
- Submitted Talking Points for Honorable Minister of Urban Development and Housing and Urban Poverty Alleviation for Meeting with Indo-UK Institute of Health, UK, New Delhi, February 8, 2016,
- Participated in USIBC roundtable, New Delhi, February 8, 2016,
- Delivered keynote address in Urban Thinkers Campus organised by Habitat for Humanity, at IHC, New Delhi, February 11, 2016.
- Attended lecture by Raj Rewal, eminent architect on CSH Jhabvala, India International Centre, New Delhi, February 20, 2016.
- Participated in Smart City Workshop, New Delhi, February 22, 2016.

- Participated in Panel Discussion at GIZ Conference on "Towards Inclusive Cities in India" , New Delhi, February 24, 2016,
- Participated in HRIDAY toolkit workshop, New Delhi, February 25, 2016.
- Submitted comments on Habitat III Issue papers on Habitat III Conference to be held in Quito, Ecuador in October, 2016, March 1, 2016.
- Sanitation Capacity Building Platform workshop, NIUA, New Delhi, March 1, 2016.
- Delivered lecture in Launch of CFSC, Bhubaneswar, March 4, 2016.
- ISB Residency Lectures (3 Lectures), Mohali, March 7-9, 2016.
- Conducted roundtable with experts on Reform Appraisal for AMRUT, March 11, 2016
- Moderated a panel in LSGF workshop, Manekshaw Centre, March 18, 2016
- Lecture on smart cities, Lady Shri Ram College, New Delhi, March 19, 2016.

Others

- Submitted policy guidelines to MOUD for approval of Non-Financial support of MOUD. April 13, 2015.
- Sent inputs to MOUD on 'India's bilateral relations in the urban sector with the countries mentioned: China, South Korea, Mongolia', April 23, 2015.
- Submitted comments to MOUD on the 'Report of the Task Force on Rental Housing', April 29, 2015.
- Submitted responses to MOUD to the Questionnaire on "Economic and Social Council on Sustainable Urbanisation", April 29, 2015.
- Submitted to MOUD: Clarification on consideration for sanction of new projects under UIDSSMT for the State of Arunachal Pradesh, May 1, 2015.
- Comments to MOUD on National Performance Monitoring Cell (NPMC), May 5, 2015.
- Submitted comments to MOUD on "Second Report of the High Level Committee on Financing of Infrastructure", May 8, 2015.
- Submitted a proposal for a research study that documents the process of preparing a strategic plan for the city of Nellore, Andhra Pradesh, May 14, 2015 (email).
- Attended 'Asia-Pacific Week at Berlin' on the invitation of GIZ, at Berlin, May 18-20, 2015.
- Submitted inputs/concept note to MOUD on furthering BRICS cooperation - ufa summit and beyond, June 12, 2015.
- Submitted a proposal to MoHUPA for the production of a bi-annual newsletter on the National Urban Livelihoods Mission (NULM) to MoHUPA, July 13, 2015.
- Interview on Lok Sabha TV show on 'Environment and Urbanisation', July 28, 2015.
- Discussion on 'Driving the Digital Transformation' organized by Bloomberg TV India, August 11, 2015.
- Chief Guest, Itihaas at Sri Fort, New Delhi, August 27, 2015.
- NIUA's views/comments on "Relevancy, measurability and availability of official data on Statistical Indicators of SDGs" to MOUD, August 24, 2015.
- Submitted a proposal to MOUD to setup Management of MMIS for AMRUT, October 9, 2015
- Submitted to MOUD guidelines note on making 'Smart Cities' Resilient... Outcome of deliberations from an industry roundtable discussion, October 15, 2015.
- Prepared Draft Speech for Honorable Minister of UD, 'Influence of Sri Ram Charita Manas on Babu's philosophy' , January 14, 2016.
- Convened the committee of evaluations for the Smart City Challenge, Round 1

- Conducted meetings with Atul Rai, heading Construction Industries Skills Council, New Delhi, February 15, 2016.
- Attended meeting with NFDC and MyGov to discuss documentation of SCM, March 2, 2016.
- Participated in MOU signing with Bhubaneswar Development Authority, March 3, 2016.
- Spoke about SCM to Australian Trade Delegation via Videocon, March 14, 2016
- WIEGO consultation on smart cities, IIC, March 15, 2016
- Participated in webinar on smart city financial planning, BP of MOUD, March 21, 2016.
- Project Steering committee for Inclusive Cities Partnership Programme (ICPP) at MoHUPA, March 29, 2016.

Usha P. Raghupathi

Seminar/workshops

- Made a presentation in a seminar titled ‘Smart cities: Challenges and Vision Ahead’, organised by Bhagat Singh College at IIC, New Delhi on April 6, 2015.
- Made a presentation in a ‘Roundtable on Climate Smart Cities’, in the 2nd South Asian Cities Summit, organised by Asian Cities Network at New Delhi on May 22, 2015.
- Made a presentation on ‘Capacity Building and Knowledge Networking’ in a seminar on Capacity Building and Experience Sharing for Enhancing Sustainability in Urban India, organised by TERI at New Delhi on June 3, 2015.
- Participated in the largest ever global citizen consultation on climate and energy titled ‘World Views on Climate and Energy’, organised by TERI on June 6, 2015.
- Attended the launch of Smart Cities, AMRUT, and Housing for All, organised by MoUD and MHUPA at Vigyan Bhawan on June 25, 2015.
- Made a presentation on Climate Change to a group of teachers of NDMC Navyug School, Laxmi Bai Nagar, New Delhi on June 27, 2015.
- Went on a Study Tour to Switzerland. The study tour was for selected Indian delegates to show the skill development and smart cities initiatives taken by Switzerland, from August 29 to September 4, 2015.
- Made a presentation on JNNURM – Implementation and Evaluation, to post graduate students at TERI University, New Delhi on September 17, 2015.
- Chaired a session on “Smart Cities and Climate Smart Cities” in the National Conference on De-polluting Indian Cities, organised by IDC Foundation, at IIC, New Delhi, September 18, 2015.
- Made a presentation on ‘Urbanization and Water Management’, at a workshop on ‘Sustainable Water Resources Management: Perspectives from Europe and South Asia’, organised by the German House for Research and Innovation, New Delhi, September 28, 2015.
- Participated in ‘Urban Thinkers Campus-India’ organized by NIUA and UN-Habitat from October 5-8, 2015, at New Delhi. Participation included the following:
 - Made opening remarks in the session ‘Launching of National Urban Campaign’, where Ms. Aisa Kirabo Kacyira (Assistant-Secretary General and Deputy Executive Director of

UN-Habitat) made a formal announcement of launching the campaign, on October 6, 2015.

- Was a Panelist in the session on 'Resilience/ Climate Adaptation' held on October 7, 2015.
- Participated in the constituent group level meetings
- Gave a lecture on 'Governance Reforms and Capacity Building' (under JNNURM) to post graduate students at TERI University, New Delhi on October 14, 2015.
- Participated in the Sixth Asia Pacific Urban Forum, Jakarta, Indonesia, organized by UNESCAP, at Jakarta, October 19-21, 2015. Participation included the following:
- Was a speaker in the session 'Institutionalizing Inclusive Local Economic Development', October 20, 2015
- Was a speaker in the side event 'National Urban Policies in the Asia-Pacific' on 20th October, 2015 organised by OECD, UN-Habitat and Cities Alliance.
- Gave a five minute speech (film recording) on climate change for uni-unhabitat on October 21, 2015
- Participated in the Knowledge Networking (ACCCRN) meeting organized by Mercy Corps, Indonesia, October 21, 2015.
- Participated in 'Asia Strategy and Joint Work Programmes on Resilient Cities and Gender Equality' planning workshop, organised by Cities Alliance, October 21, 2015.
- Chaired a session in High Level Policy Workshop on "Developing Smart, Healthy and Sustainable Cities: Joint Learnings from US, China, India", organized by ICLEI South Asia in collaboration with the University of Minnesota, Yale University, Georgia Tech and IIT Kanpur, at New Delhi, on January 12, 2016.
- Was also a Panel member in a session in the above High Level Policy Workshop on January 12, 2016.
- Participated and made contributions in a brainstorming session on "Women in Informal Sector", organized by Friedrich Ebert Stiftung at New Delhi on February 11, 2016.
- Attended a workshop on "Urban Flood Mitigation – Lessons Learnt and Roadmap for Future", organized by NDMA at New Delhi, on February 12, 2016.
- Made a presentation on 'Urban Water Scarcity: Challenges and Actions' in "GRIHA Summit – Water Forum", organized by TERI at New Delhi, on February 17, 2016.
- Made a presentation on 'Peri-urban spaces and Governance', in National Seminar on "Peri-urban Agriculture and Ecosystems: Multi-faceted Contribution to Urban Resilience", organized by GEAG at New Delhi, on February 22, 2016.
- Attended a meeting on "Sustainable Growth Working Group–Energy Modeling Workshop", organized by Niti Aayog, at New Delhi, on March 1, 2016.

Articles

- Wrote an article on 'Chennai Floods' for Quartz news, an online news site. The article was published, December 7, 2015.

Others

- Prepared and submitted a proposal (EOI), along with TARU, to National Water Mission.
- Held discussion with Prof. (Dr.) Ranasinghe, UNESCO-IHE, Delft University, The Netherlands, on 4th June 2015 at NIUA. Later jointly produced a concept note on 'Predicting Coastal Recession due to Sea level rise for Indian cities', for funding.
- Did NIUA's administrative work related to disciplinary proceedings.

- As the Presenting Officer from NIUA in the R.P. Singh case, went to MOUD six times during July and August 2015 for Preliminary Hearing called by the Inquiry Officer from MOUD, Mr. Pramod Kumar.
- Was a member of an Advisory Group set up by GEAG for a UNICEF sponsored study titled 'Urban Governance and Climate Change Resilience'. The meeting of the Group was held at New Delhi on November 6, 2015.
- Attended Hindi Parliamentary Committee meeting at Ashok Hotel, New Delhi, October 10, 2015.
- Put together bid papers, as requested by Oxford Policy Management, for a Switzerland Embassy bid for capacity building for urban climate change resilience (work done in October and November 2015).
- Participated in Lok Sabha TV programme called 'Astitva' on December 16, 2015. The episode focused on Chennai floods and was telecast on December 19 & 20, 2015.
- As the Presenting Officer from NIUA in the R.P. Singh case, went to MOUD for Hearing called by the Inquiry Officer from MOUD, Mr. Pramod Kumar on December 29, 2015.
- Provided comments on eight smart cities on the template provided by LSE.
- Appraised/ gave comments on Smart City Plans of eight cities on template provided by the London School of Economics in the first week of January 2016.
- Attended a ToT on "Urban Climate Change Adaptation Resilience", organized by USAID Adapt Asia-Pacific, at Bangkok, March 7-11, 2016.

Shyamala Mani

Member of Committees

- Member of Nomination Jury of Vatavaran Film Festival 2015 organized biannually by Centre for Media Studies for viewing and nominating films for screening and for consideration of awards jury for various categories of awards. Viewing organized by CMS at New Delhi on June 24-26, 2015.
- Member of Working Group for Finalization of Draft Bio-Medical Waste Management Rules, 2015 constituted by the Ministry of Environment, Forests and Climate Change, Government of India, since August 18, 2015.
- Member of the scientific committee since August 7, 2015 of the Training Workshop on Climate Change and Human Health in India being organized by Taru Leading Edge Pvt. Ltd. Organized at New Delhi from September 22-24, 2015.
- Member of Expert Panel group for the Programme Designing Committee of Masters in Environmental Science Programme in Open and Distance Learning (ODL) mode in the School of Agriculture, IGNOU since September 15, 2015.
- Member of Internal Complaints Committee on Sexual Harassment of Women in NIUA.
- Special invitee and drafting committee member of Solid Waste Management Rules 2015 of the Ministry of Environment, Forest and Climate Change, Govt. of India. Many suggestions were incorporated in the final Solid Waste Management Rules 2016, which were sent for Minister's approval.
- Member of the Expert Advisory Committee for Waste Management of the Ministry of Science and Technology, Govt. of India for selection of projects for funding under Swachh Bharat Mission. The second meeting was held in Mumbai at Institute of Chemical Technology from January 31-February 2, 2016.
- Member of the Expert Advisory Group on Understanding Health and Climate Associations in India (UCHAI) set up by TARU Leading Edge along with NIEHS- USA,

AIIMS, NIMR, NIUA and others for informing environmental health related policies in India.

- Appointed co-guide for PhD student registered with Forest Research Institute (FRI), Dehradun and IIFM Bhopal for studying 'Interaction of Household Hazardous waste with other domestic waste and impact of leachates from landfills on the environment of Delhi'.

Seminars, Workshops and Meetings:

- Participated and presented priorities and options for sustainable Solid Waste Management in NCT of Delhi on April 2 and further discussions at Delhi Secretariat and Delhi Dialogue Commission respectively, on April 3, 2015.
- Participated and presented paper on at the 2nd national conference of the 'Urban Health Society of India' organized by the Indian Institute of Health Management and Research (IIHMR), Jaipur from April 6-7, 2015.
- Participated in Embarq's connect karo conference called 'Smart Cities for Sustainable Development' at IHC on April 15-16, 2015.
- Participated in the release of Source Book on Solid and Liquid Waste Management (SLWM) in Rural Areas, published by Ministry of Drinking Water and Sanitation, Government of India, written by CEE and reviewed by me at Shangrila's Eros Hotel, New Delhi on April 21, 2015.
- Conducted the UCCR Eastern Regional Workshop in collaboration with CEE Kolkata at ATI, Kolkata, in which municipal officials from 4 ULBs from the eastern and north-eastern region participated, from April 27-29, 2015.
- Attended and contributed to changes in different rules of HSM Division of the MoEFCC including Municipal Solid Waste; Plastics, E-waste and especially Biomedical Waste Management Rules 2015 organized by MoEFCC and CII at Silver Oak, IHC on May 1, 2015.
- Attended and contributed at 15th Climate technology initiative (cti) workshop 'Market Mechanisms for Climate Action at the Urban Level', Berlin, May 7 – 8, 2015.
- Attended and Contributed to meeting jointly organized by RCUK and NIUA – a joint consultation on Urban Research Landscape in India, at NIUA on May 15, 2015.
- Conducted a session on 'Urban Climate Change Adaptation and Resilience' at the South Asia Cities Summit along with other UCCR team members at Jacaranda, India Habitat Centre on May 22, 2015.
- Participated in a seminar by Mr. Jeff Sopole from FAICO, US Green Building at NIUA on May 25, 2015.
- Presented and Chaired session on Plastic waste collection in the seminar on 'Plastics Recycling' organized by ASSOCHAM at Hotel Royal Plaza, New Delhi on May 30, 2015.
- Participated in a seminar 'Conserve to Preserve' jointly organized by CEE, India Today Television and Tata Steelon Resilient, Inclusive and Environmentally Sustainable Cities on June 1, 2015 at Taj Palace Hotel, New Delhi. Parts of this programme were telecast over India Today Television on June 5-6, 2015.
- As a panel member at TERI's presentation of Survey of Riverine cities, gave my inputs on solid, liquid waste management issues and highlighted specific issues of riverine cities and their management, at TERI conference hall, IHC, New Delhi, on June 3, 2015.
- Participated in the meeting with Dutch team on 'Liveable cities' at NIUA on June 5, 2015.
- Gave the key note address on 'Vriksha, Mitra and Guru' in Hindi on the occasion of World Environment Day, organized by NGO, Saathi, which was presided over by Smt.

Mridula Sinha, Hon. Governor of Goa, whose Chief Guest was Shri. Prakash Javdekar, Union Minister for Environment Forests and Climate Change, at Convention Hall, V.P. House, New Delhi, on June 6, 2015.

- Participated in the meeting organized at NIUA with International Committee on Sustainable Habitat on June 18, 2015.
- Spoke to members of TISS and CEEW on challenges and priorities in solid waste and waste water management at NIUA on June 19, 2015.
- As a member of the Nomination Jury of the ‘‘Vatavaran Film Festival - 2015’’, attended three day viewing of various international entries to the film festival and along with other sub-committee members, nominated films for screening and awards, June 24 -26, 2015.
- Attended the launch of Smart Cities and AMRUT by MOUD at VigyanBhavan, New Delhi, on June 25 and 26, 2015.
- Participated in the Two Day State Level Workshop on ‘Policy Framework on Solid & Liquid Waste Management’ at Assam Administrative Staff College, Khanapara, Guwahati for engineers and ADMs of all districts of Assam and presented various technical options for Solid and Liquid Waste Management, June 29-30, 2015.
- Panelist in the India Inc. Clean India Programme, ‘Turning Waste into Socio-Economic Opportunities for India’ at New Delhi. Also gave inputs to their magazine through queries requested, on July 3, 2015.
- Participated in Programme for Institutions/ Organizations/ Universities for Preparation of Environment Impact Assessment/ Environment Management Plan (EIA/EMP) organized jointly by Ministry of Environment, Forests and Climate Change (MoEFCC) and Quality Council of India at Indira Paryavaran Bhavan, Jor Bagh, New Delhi on August 12, 2015
- Participated and contributed in workshop organized by National Capital Region Planning Board (NCRPB) on ‘Study on health infrastructure in National Capital Region’ at Indian Habitat Centre on August 13, 2015.
- Attended first meeting of scientific committee of the Training Workshop on Climate Change and Human Health in India organized by Taru Leading Edge Pvt. Ltd. At Taru office, Aurobindo Marg, New Delhi on August 13, 2015.
- Presentation on Integrated Solid and Liquid Waste Management at State Level training on Solid Liquid Waste Management in Raipur, Chhattisgarh at the instance of Mission Director, Swachh Bharat Mission of Chattisgarh on September 2, 2015.
- Provided inputs during ICRIER’s meeting on ‘Restoring Municipal Finances’ at IHC, New Delhi on September 7, 2015
- Attended and contributed at the first biomedical waste management committee for finalization of draft BMWM Rules 2015 at Indira Paryavaran Bhavan, Jor Bagh, New Delhi on August 18 and September 3-4, 2015. Submitted all inputs to MoEFCC by September 10, 2015.
- As a panellist and gave presentation on ‘Sustainable Waste Management for Smart Cities during Smart City landscape 2015 conference organized jointly by Price Water Cooperhouse and Information Exchange Group at Imperial Hotel, New Delhi on September 11, 2015.
- Attended and contributed in ‘Finance, Innovation Policy, and Sub-national Actions: Towards Low Carbon Development in India’ organized by TERI at India Habitat Centre, New Delhi on September 17, 2015.
- Panelist in The Youth Conclave organized by Earth Day Network and Centre for Environment Education at the American Centre on September 20-30, 2015.

- Made presentation in 'Training Workshop on Understanding Climate and Health Associations' in India (UCHAI) at the Hotel Royal Plaza, New Delhi, September 22-24, 2015.
- Participated in the 10th urban dialogue organized by NIUA on "The role of Public Realm in making Smart Cities more Liveable" by Mr. Shyam Khandekar, Urban Designer, Planner and Architect, Netherlands and India Co-Founder and Editorial Director, My Liveable City, , at Gulmohar Hall, IHC, New Delhi, on October 14, 2015.
- Participated in Indo-Swedish Joint Working Group Meeting chaired by JS Mr.N.Mandloi, organized by MoUD and NIUA and contributed to sections pertaining to Solid Waste Management and other sectors, at IHC, on October 14, 2015.
- Participated in the seminar organized by Global Economic Progress and Research Association (GEPRA) at Nungambakkam, Chennai on the occasion of Dr. APJ Abdul Kalam's birth anniversary, October 15, 2015.
- Participated and contributed during the UCHAI Advisory Committee meeting organized by TARU Leading Edge at TARU's office and provided inputs regarding Urban Health for inclusion in Environmental Health strategies for addressing climate change related health issues and during COP 21 at Paris, October 19, 2015.
- Participated in Road to CoP 21 seminar on "Cities Resilience to Climate Change" organised by IRADe & ACCCRN in collaboration with Embassy of France on at the Embassy of France (Residence), October 30, 2015.
- Participated and gave inputs as the lead discussant at the National Seminar 'Delhi to Paris: Corporate Vision on Climate Change', the final consultation event 'Reinforcing India's Commitments' organized and hosted by TERI at Silver Oak, IHC, New Delhi, November 3, 2015.
- Participated in the round table on 'Air Quality in Delhi' organized by iRADE at iRADE office, New Delhi on November 4, 2015.
- Participated and presented on "Solutions for Waste Water Treatment from Healthcare Establishments" at the Indian Society for Hospital Waste Management (ISHWM) 2015 conference at AIIMS, on November 15, 2015.
- Participated in the MoEFCC meeting on finalization of SWM Rules 2015 and gave my inputs at Indira Paryavaran Bhavan, MoEFCC, New Delhi, on November 16-17, 2015.
- Participated in the Construction and Demolition Waste Management workshop organized by GIZ at IHC, on November 18, 2015.
- Participated, presented and chaired session at 'Icon SWM 2015' at the Indian Institute of Science, Bengaluru and helped in making the recommendations sent to Government of India SWM committee, November 25-27, 2015.
- Participated and delivered talk to participants of the training workshop for ULBs and SPCBs organized by Centre for Science and Environment (CSE) on Sustainable Solid waste management and expenditure management of ULBs on December 9, 2015.
- Delivered talk on 'Climate Smart Cities and Disaster Preparedness' for officers of the Central Government Services organized by Indian Institute of Public Administration, New Delhi on December 14, 2015.
- Delivered talk on 'Sustainable Solid Waste Management' to auditors from India and Bangladesh at International Centre of Environmental Audit and Sustainable Development (ICED), Jaipur for their capacity building programme for auditors on December 15 and 16, 2015.
- Participated in the panel discussion on 'Waste to Energy and Waste Management' at CSE, Qutub Institutional area, New Delhi, December 17, 2015.

- Attended and participated in the Expert Advisory Committee meeting of the Ministry of Science and Technology at Indian National Science Academy (INSA), New Delhi for vetting and selection of proposals under TSDP, Swachh Bharat Mission and completed the short listing of proposals, December 21-23, 2015.
- Presented, participated also chaired a session on sustainable consumption and production at the International Conference on Education for Sustainable Development Goals (ESDGs) organized by Centre for Environment Education (CEE) at Ahmedabad from January 10-13, 2016.
- Made a presentation on Water, Sanitation and Hygiene (Urban) at the Stakeholder consultation workshop on water, sanitation and hygiene in northern and north-eastern region, jointly organized by TERI, TERI University in association with USAID and Coca-Cola at TERI, January 12, 2016.
- Presented 'Innovative Waste Solutions for Sustainable Development' at the International Conference on Waste Management and Innovation at TERI University organized by IPCA and TERI University on January 15, 2016.
- Gave inputs at a talk on 'Environmental Sustainability' by Ms. Carolyn Hricko at TARU Leading Edge at their office on January 18, 2016.
- Participated in Conversations on Urban Issues organized by ICRIER on 'Chennai Floods' at IHC on January 18, 2016.
- Attended India-Africa partnership meeting on Science, Technology and Innovation with special focus on Agriculture, Food Security and Biosafety, organized by RIS at IHC on January 21, 2016.
- Participated in DST-EAC meeting on Waste Management under Swachh Bharat Mission at Institute of Chemical Technology, Mumbai from January 31-February 2, 2016.
- Participated in workshop on 'SWM technologies' and gave inputs on urban issues and needs of ULBs, organised by CII at IHC, on February 11, 2016.
- Presented at NIDM on 'Urban Climate Change Resilience and Waste Management' for senior bureaucrats at NIDM, on February 15, 2016.
- Gave talk to participants of AIIMS-PGI course on Urban Planning for increasing mobility during their course on Non-Communicable Diseases at USI, New Delhi on February 21, 2016.
- Delivered keynote address on SDGs and sustainable development at the National Seminar on Environment and Development organized by IITM and CEE at IITM, Janakpuri on February 27, 2016.
- Participated at UCHAI Advisory group brainstorming meeting for 2016 activities at IHC on February 29, 2016.
- Participated at the Indo-German working group along with MOUD on cooperation in various sectors for capacity building and technologies at IHC on March 4, 2016.
- Organized and attended interaction with Kyoto University faculty along with NGO Celestial Earth on Sustainable and Resilient Smart Cities and helped in their interaction with research group of NIUA at NIUA on March 4, 2016.
- Presented Sustainable Waste Management initiatives in India to International participants at iCISA, NOIDA, a CAG supported organization on March 7, 2016.
- Attended and was honoured with ejeevika mentor recognition award on International Women's Day, at Shaheed Rajguru College for women at Mayur Vihar, Delhi, March 8, 2016.
- Presented on "Intersectoral Action for Climate and Health" at the conference on 'Climate Disasters and Health' organized by DFID and TARU at Samarpan Nesh Inn, Kidwaiपुरi, Patna, March 9, 2016.,

- Attended PHFI foundation day lecture by Professor Rifat Atun, Professor of Global Health Systems at Harvard University which was inaugurated by Mr. Narayanmurthy and presided over by Dr. Srinath Reddy, Director of PHFI, March 15, 2016.
- Gave inputs at meeting on IGNOU's BMWWM certificate course material writing, at Toxics Link, Jungpura on March 17, 2016.

Others

- Sent abstract and registration for 'International Conference on Solid Waste Management' to organizers of the conference being jointly organized by Jadavpur University and Indian Institute of Science at IISc Bangalore to be held in November 24-27, 2015.
- Officially accepted by Indian Institute of Forest Management (IIFM), Bhopal, affiliated to the Forest Research Institute, Dehradun on April 22, 2015 as the Co-supervisor of Ms. Bini Samal, whose PhD research topic is "Interaction of household hazardous waste with other Municipal Solid Wastes and its resultant Impacts: Study of compliance, segregation at household level and dumping in a landfill site at Delhi". I will be guiding Ms. Bini Samal along with her supervisor, Dr. M. Om Prakash at IIFM for the next three years.
- Advised Ms. Beverly Allan (an interning with NGO Toxics Link) on e-waste at the instance of Ms. Ankita Jena of Toxics Link, New Delhi, on May 28th, 2015.
- Reviewed the draft Solid waste management, Plastic waste management, E-waste management, biomedical waste management Rules under EPA 1986 notified by the Ministry of Environment Forests and Climate Change and sent comments August 3, 2015.
- Reviewed the master list of tutorials and provided inputs and improvements for Urban Management Centre (UMC), Ahmedabad who has been commissioned to prepare the tutorials and upload on the SBM website, under Swachh Bharat Mission, where MOUD has supported e-courses for solid waste and sanitation. Also met JS and discussed the case studies that may be considered for the course, September 21-22, 2015.
- Participated through Skype, the synopsis review meeting of my Ph.D. student registered at IIFM, Bhopal. The finalized topic is: Interaction of household hazardous waste with other Municipal Solid Wastes and its resultant Impacts: Study of compliance, segregation at household level and dumping in a landfill site at Delhi. The period of supervision of research will be April 2015 - March 2017.
- Visited Indian Institute of Forest management (IIFM) Bhopal for discussion with guide of the student Ms. Bini Samal, Dr. Omprakash, on guiding PhD student on 'Interaction of Household Hazardous waste with other domestic waste and impact of leachates from landfills on the environment of Delhi' as co-guide, October 5, 2015.
- Received Dr. APJ Abdul Kalam Gold Medal award for individual achievements and national development at a ceremony in Chennai, organized by Global Economic Progress and Research Association (GEPR), October 15, 2015.
- Visited SAM Foundation, Pammal near Chennai and documented their best practices of decentralised waste collection, composting, biogas generation, recycling and discussed with Mrs. Mangalam Balsubramaniam regarding the solid waste management system being followed there, October 17, 2015.
- Received the Bharat Jyoti Award for meritorious services, outstanding performance and remarkable role, organized by the India International Friendship Society, at India International Centre, New Delhi, October 26, 2015.
- Submitted tender document along with EMD for DPR preparation and project monitoring to Amravati Municipal Corporation, Maharashtra on October 31, 2015.
- Coordinated with Bharat and Sruti of Fields of View, Bengaluru regarding Kaasu Kasa or Rubbish Board Game, at NIUA, November 4, 2015.

- The game provides a firsthand experience of the economical and environmental constraints faced while planning for waste management in cities. The idea is to use this for training at the local level and as a way to test different scenarios to understand perceptions and possible responses to different designs. I gave my inputs and suggestions to improve it as well as adapt it for cities like Delhi etc.
- Submitted proposal on 'Interaction of Household Hazardous waste with other domestic waste and impact of leachates from landfills on the environment of Delhi' to NCRPB for collaboration and funding, November 15, 2015.
- As per requirements of the Committee on finalizing Biomedical waste (Management and Handling) Rules 2015, all inputs were given and draft perused and commented, corrected and sent to Director, HSMD, MoEFCC and other members before November 15, 2015.
- Coordinated with RWA committees in Delhi for promoting decentralised waste collection and management especially during community festivals like Durga Puja, Diwali and others and helping in skill building for composting, recycling etc., November, 2015.
- Visited Dry Waste Collection Centres established by Bruhat Bengaluru Mahanagara Palike (BBMP) and run by NGO Hasirudala in different locations in Bengaluru and the system of D2D collection, segregation, composting, biomethanation, recycling and final transportation to landfill site. November 26, 2015.
- As per requirements of the Committee for finalizing Solid Waste Management Rules 2015, all inputs were given, draft perused, suggestions and corrections made and track-changed documents sent to Director, HSMD MoEFCC and other members by December 31, 2015.
- As per requirements of the Expert Advisory Committee of the Ministry of Science and Technology, all inputs given, comments on the proposals vetted and corrections and suggestions on the minutes and recommendations sent to Scientist D and Member-Secretary, DST-TSDP by December 31, 2015
- As per requirements of the IGNOU Expert Committee on PG course on Environmental and Occupational Health, all inputs, comments and suggestions sent to Member Secretary Dr.Rupini before December 31, 2015
- Helped Dr.Satpal Singh from time to time in selecting, correcting and editing articles for the Swachh Bharat Newsletter, uploaded in the MOUD website.
- Guiding PhD student (intern) from IIFM, Bhopal for finalizing methodology, interview schedule, sampling location, numbers and analysis parameters and visited sites like Bhandwari Integrated waste management plant to make an assessment of the state of plant which has SLF, composting shed and other facilities but has been abandoned because of non-viability of the project from January 1 to 30, 2016.
- Guiding MSc student (intern) from Guru Gobind Singh Indraprasta University, New Delhi for finalizing the concept note on the project, interview schedule, location and households for conducting survey. Introduced her to NGO CURE working in Sangam Vihar to help her conduct the survey and study the impact of solid waste on endemic species like Nilghai living inside adjacent Asola Wild Life sanctuary from January 15 to February 15, 2016.
- Interacted with Dr. Brahbhatt, Governing Council member and imbibed ideas for utilising waste as a resource like construction and demolition waste and also training ULB officials for accountability and strict monitoring, January 20, 2016.
- Submitted several proposals on Solid waste management including preparing films of best practices, DPR appraisal and becoming transaction advisory hub for helping ULBs by putting them in touch with the right agencies and right technologies, January 21, 2016.

- Researched, prepared and submitted proposal for exposure visit of senior ULB officials to China especially to study and understand Waste to Energy plants on January 22, 2016.
- Visited Saharanpur and Haridwar at the instance of ITC for reviewing the working of their door to door collection, segregation, composting and recycling and suggesting improvements in the system on January 24-25, 2016.
- Reviewed paper for the Journal of Habitat International and sent first set of comments to the author and editor on January 28, 2016.
- Reviewed proposals received under DST-EAC Waste Management and prepared recommendation and suggestions for the promising proposals on January 30, 2016.
- Attended Drafting Committee meeting for the finalization of Solid Waste Management Rules 2016 and gave inputs as Expert member in the draft Rules on February 2-3, 2016.
- Sent need assessment questionnaire for IGNOU's course on Environmental and Occupational Health to be launched by the School of Science on February 3, 2016.
- Reviewed, corrected and sent final paper on Inclusive Sanitation for the Swachh Bharat book being edited by Hon. Governor of Goa, Smt. Mridula Sinha on February 5, 2016.
- Gave inputs to Down to Earth on waste management for their article for the March issue on February 8-10, 2016.
- Gave inputs to CURE on 'Waste Management in Slums' on February 17, 2016.
- Uploaded structure of the units that I have to write in the IGNOU's certificate course on Healthcare waste management on the School of Health Sciences (SOHS) website for comments and approval on February 18, 2016.
- Submitted comments on Habitat III issues paper to Director on February 18, 2016.
- Worked on National Survey on Resources devoted to Science and technology activities 2015-16 developed by Department of Science and Technology (DST) for NIUA and coordinated with different research staff for filling and uploading the data in the DST website and submitted to Director on February 28, 2016.
- Worked on various schematic diagrams on Solid Waste Management based on categories of waste delineated in the draft solid waste management rules from February 20 to March 10, 2016.
- A proposal for conducting Swachh Bharat Mission (SBM) exposure workshops cum training for senior Municipal Officials from SBM monitored cities and state SBM directorates were submitted to MOUD in February. It was sanctioned in March 30, 2016.
- Started the logistic and organizational arrangements for the Swachh Bharat Mission Exposure Workshops to be held in Delhi.
- Replied to parliament question on Solid Waste Management on March 27, 2016.

Debolina Kundu

Seminar/workshops

- Attended the discussion on the 'Transport Governance Toolkit', Parisar, Pune, April 6-7, 2015.
- Participated in the workshop on annual conference CONNECTKaro, Smart Cities for Sustainable Development which will take place at the India Habitat Centre, New Delhi on April 15 and 16, 2015.
- Made a presentation on 'Climate change, Urbanization and Water: A Policy Perspective' at the multi-stakeholders workshop on "Periurban water security, conflicts and cooperation in India", organized by SaciWATERS in Hyderabad on May 15, 2015.

- Participated in the stakeholder's workshop being organised by National Capital Regional Planning Board on May 8, 2015.
- Made a presentation in 'International Conference on Sustainable and Inclusive Urban Development in India: Learning from International Experiences and Devising Future Strategies on Mobility and Migration', New Delhi, August 2, 2015.
- Attended the brainstorming session on Swachh Bharat Mission in Urban Areas (SBMU) at ADB's office, Delhi, August 21, 2015.
- Participated in the 'Conference on Urban Transformations in India Spotlight: Cities of Delhi', New Delhi, August 25-26, 2015.
- Made a presentation at the 5th Asia Pacific Housing Forum (APHF5) event held in New Delhi, on "Building Shelter for All" session titled – 'Shelter & Basic services for the poor', on September 3, 2015.
- Attended the 'Regional Workshop on Urban Governance and Access to Services in Asian Cities' and made a Presentation on 'India's Governance Structure', September 29-30, 2015.
- Attended the Expert group meeting: "The role of intermediate cities in strengthening urban-rural linkages towards the new urban agenda" , in the City of Montería, Colombia over Skype, October 27 & 28 2015.
- Delivered a lecture on "Revisiting Urban Planning and Design to build Gender Inclusive Smart Cities" for a Smart City Consultation in Mumbai organised by UNWOMEN, November 4, 2015.
- Delivered a lecture at TERI on New Urban Development Policy Initiatives to MTEch Urban Development and Management Students, November 18, 2015.
- Wrote a chapter titled Exclusionary Urbanisation in South Asia in "Environmental Geography of South Asia-Contributions Towards a Future Earth Initiative" under 'Springer series Advances in Geographical and Environmental Sciences', November 2015. <http://www.springer.com/us/book/9784431557401>
- Discussant on Urbanization and Jobs Conference on "Creating Jobs in South Asia" organized by ICRIER at New Delhi, December 3 – 4, 2015.
- Attended, chaired and participated as a panel in the First International Conference on National Urban Policy, organised by UN-Habitat, in Korea, December 14-18, 2015.
- Coordinated the preparation of summaries of Smart City Plans for LSE, January 10, 2016.
- Attended a seminar jointly organized by ICRIER and UNU-Wider "Inequality – Trends Worldwide and in India", January 22, 2016.
- Attended the Expert Group Meeting on finalization of the Regional Report to Habitat 3 in Bangkok, January 27-28, 2016.
- Attended exclusive Smart Cities roundtable at Claridges hotel, New Delhi on February 1, 2016,
- Attended the Indo-German Working Group on Quality Infrastructure for Cooperation in Standardization, Conformity Assessment and Product Safety, a workshop on "Standardization on Smart City" organized by GIZ, New Delhi, February 4, 2016.
- Chaired a session on Smart Cities in a conference organized by Indian Chamber of Commerce (ICC) on "100 Smart Cities, 2nd Edition" "Time to implement the Strategies and Technologies", New Delhi, February 9, 2016.
- Moderated the session on "Academia & Scholars" hosted by Habitat for Humanity – "Building Inclusive Smart Cities", Urban Thinkers Campus Habitat for Humanity India – "Building Inclusive Smart Cities", February 12, 2016.
- Attended Regional Symposium 'Towards Inclusive Cities in Asia', organized by CDIA, the Cities Alliance, the GIZ Inclusive Cities Partnership Program India and GIZ Inclusive

Metropolitan Environments for the Urban Poor, held in Claridges Hotel, Delhi, February 23-24, 2016.

- Made a presentation on NIUA's role in urban research at ESRC-ICSSR-NIUA Urban Transformations Workshop, Jaipur, March 1-3, 2016.
- Made a presentation on India's urban sector to a team from The Celestial Earth under "Sustainable Development of Indian Smart City" project, Indian Smart City & Sustainability Project by Toyota Foundation, March 4, 2016
- Trends in Labour Migration in Bihar Asian Development Research Institute (ADRI), ADRI Silver Jubilee Conference, International Conference on 'Development: Experience and Theories'. Patna, March 28, 2016.
- Made a presentation on "Engagement of Private Sector in New Urban Development Programmes" : Implications on equitable distribution National Seminar on Private Sector Participation in Public Services, organized by CSD, New Delhi on March 28-30, 2016.

Others:

- Wrote an Article – 'ICT preparedness of Indian cities: Can we become Smart?' HUDCO Publications, Shelter, Volume 16, No. 1, April 2015.
- Submitted draft Handbook on Urban Statistics, April 11, 2015.
- Provided inputs to the Ministry on Development and Sustainability April 11, 2015.
- Details of Palakkad Municipality, April 21, 2015.
- Commented on Second Report of The High Level Committee Financing of Infrastructure, May 6, 2015.
- Commented on Proposed BRICS Council of Regions May 13, 2015.
- Prepared the key note address on "Federal Structure of Governance is the Key to faster Urban Growth in India", June 12, 2015.
- Furthering BRICS Cooperation - Ufa Summit and Beyond, June 15, 2015.
- Comments on the chapter on Urban Transformation June 21, 2015.
- Comments on the "Second Report of the High Level Committee on Financing Infrastructure" for MOUD, July 5, 2015.
- Sent to MOUD the State code list, July 24, 2015.
- A brief note for MOUD International Conference on "Sustainable and Inclusive Urban Development in India: Learning from International Experiences and Devising Future Strategies, August 1, 2015.
- Draft Handbook on Urban Statistics, August 14, 2015.
- Comments on World Bank Assistance for the proposed "Assam Municipal Development Project" for MOUD, August 24, 2015.
- Contributed to a research proposal with UN-Habitat to work Metropolitan Planning in National Capital Territory, August 26, 2015
- Provided updated information to MOUD on Focus Sectors in 'Make in India' Portal viz. makeinindia.com, August 28, 2015.
- Provided MOUD, Comments on ICRIER Programme on Urbanisation, Capacity Building and Knowledge Dissemination, September 8, 2015.
- Prepared a research proposal on "Building Resilient Cities in India through Climate Sensitive Urban Planning" in collaboration with UN-Habitat's Urban Planning and Design Branch, for IDRC, September 18, 2015.
- Qualified the first stage of research proposal submission for Azim Premji Foundation's Research Grants program, September 18, 2015.

- Reviewed a manuscript on "Land Economics: Issues and Challenges" for SAGE, October 8, 2015.
- Article Editor on SAGE Open Manuscript ID SO-15-0517 entitled "Segregated Data Of Urban Poor for Inclusive Urban Planning In India- Needs And Challenges, November 2015.
- An Assessment of Social Infrastructure Provision In Kachia Town, Kachia Local Government Area of Kaduna State, Nigeria for Herald Journals, December 2015.
- Preparation of Smart City profiles for LSE, London, December
- Reviewer for SAGE manuscripts
- Reviewer for EPW
- Responded to parliament questions

Debjani Ghosh

Member of Committees

- Expert Member, Dadra & Nagar Haveli Planning and Development Authority, Silvassa.

Seminar/workshops

- Made a presentation on the 'Study to Qualitatively Assess the Capacity Building needs of the ULBs' to Niti Aayog on June 22, 2015.
- Presented a paper in the '13th Congress of Asian Planning Schools Association (APSA)' held in Johor Bahru, Malaysia. The paper was adjudged one of the three best papers of the Conference, August 12-14, 2015.
- Panelist in Urban Lab 6, Session for Academic and Research Group Consultation on Effective Planning Education on Day 2 (06/10/15) of Urban Thinkers Campus India at India Habitat Centre, October 5-8, 2015.
- Brain Storming meeting for preparation of 'Toolkit for Urban Managers' organized by UNDP, BMTPC and MOHUPA at BMTPC, India Habitat Centre, New Delhi to better appreciate the need and decide on the contents of the toolkit, November 16, 2015.
- Participated and jointly presented the methodology and preliminary analysis for the study titled 'Review of Climate Change and Disaster Risk Reduction modules in Urban Planning curricula of selected Planning Schools' in roundtable organized by UNDP, New Delhi on February 24, 2016.
- Presented "Urban Transformations: The India Story" with Ajith Kaliyath at the technical session titled " Overview of Cross-cutting Themes" in the Workshop on Urban Transformations organized jointly by RCUK-ICSSR-NIUA-ESRC and Newton Fund in Jaipur, March 1-3, 2016.
- Presented 'Support Framework available at Central Level' in the session titled "Framework for Capacity Building Programme" at the one day workshop on "Capacity Building for the Urban Missions-Framework and Way Forward" organized by MOUD and NIUA at IHC, New Delhi on March 22, 2016.

Others

- Submitted Expression of Interest with Intercontinental Consultants and Technocrats Private Limited (ICT Pvt. Ltd.) for 'Training and Capacity Building' in Support of the Objectives and Activities of the Ghana Urban Management Pilot Programme in May 2015.

- Authored a joint paper titled 'Exploring Multi-disciplinary Approach in Urban Planning: Need for a paradigm Shift in Planning Education in India' and submitted to The 13th Congress of APSA to be held in Johor Bahru, Malaysia in August 2015.
- Member of Internal Complaints Committee on Sexual Harassment of Women in work place which held meetings for a complaint and submitted the report.
- Article on "Urbanisation Challenges and Innovative Solutions for Managing Indian Cities" published in City Voices Journal, Vol.6, No.2, Autumn-Winter Issue, 2015.
- Meeting with Shiela Jagannathan from World Bank, Washington for review and progress update on E-learning module, which is on-going with WBI support, on November 2, 2015.
- Inputs in preparation of the draft structure of the module for 'Urban Planning and Management' for DoPT for training of officials in Urban Planning at state level; 26th November 26, 2015.
- Attended 15th Meeting of Planning & Development Authority of Dadra & Nagar Haveli at Silvassa as Expert Member on November 27, 2015.
- Short-listing of candidates for four posts of HRIDAY NPMU from applications received against EOI advertised in September 2015 in NIUA website, November 2015.
- Preparation of Technical and Financial proposal for Urban Revitalization in India - Technical Assistance to MOUD in support to HRIDAY, December 2015.
- Inputs provided in preparation of draft proposal for Solutions Exchange –online platform for capacity building under new urban Missions and submitted to MOUD, December 2015.
- Comments and inputs to MoU template for Training Entities and States under AMRUT Capacity Building Programme and submitted to MOUD, December 2015.
- External Jury member for end term examination of M. Planning at SPA Bhopal (viva voce /review of studio exercise) on December 8, 2015.
- Implementation strategy for Capacity Building under AMRUT: preparation of NIUA ToR for submission to MOUD, December 2015.
- Reviewed paper titled 'Making Cities Smart and Competitive' for SPANDREL, issue 11, 2015-16, Journal of SPA, Bhopal; January 2016.
- Participated and updated progress to ADB at the K-Hub Regional Video conference with all stakeholders on January 19, 2016.
- Prepared NIUA ToR for AMRUT CB for submission to MOUD.
- Book review for Environment and Urbanisation titled 'Environmental Geography of South Asia-Contributions towards a Future Earth Initiative; Editors: R. B. Singh & Pawel Prokop; Volume 7 Issue 1 (March 2016).
- Organised and participated in Indo-German Joint Working Group Meeting by MoUD at IHC, New Delhi on March 7, 2016.
- Prepared draft agenda and structure of base paper for organizing one day workshop on "Urban Management –Orientation of the Urban Missions" for Municipal Commissioners and Vice-Chairmen of Development Authorities of nine states in the north, to be held in April 2016.
- Prepared replies to Parliament Questions (Rajya Sabha).

Sandeep Thakur

Member of Board/ Committees:

- Nominated as a member of 'Valuation Committee of NDMC'. Attended meetings.
- Nominated as a Special Invitee on Committee on Accounting Standards for Local Bodies, at ICAI, New Delhi. Attended meetings.

Others

- Prepared a PPT based on the recommendations of 14 Finance Commission compared to the recommendations of 13 Finance Commission, April 2015.
- Provided comments on the proposal on the formulation of a National Performance Monitoring Cell (NPMC) for urban basic services, May 2, 2015.
- Prepared a proposal for workshop on Financing Urban Infrastructure for the Bhopal Municipal Corporation, May 8, 2015.
- Prepared a proposal for the workshop on preparation of Meeting on Consultation of States for Implementation of 14th FC Recommendations, May 11, 2015.
- Prepared a proposal on "Revision of Model Municipal Law", submitted to MOUD, May 13, 2015.
- Provided a detailed note to MOUD on Creation of Inventory of Unused Public Land and Land Acquired under ULCRA, 1976, May 14, 2015.
- Prepared a detailed note on the Impact of Goods and Services Tax (GST) on the Finances of Urban Local Bodies, April 27, 2015, May 15, 2015, May 27, 2015.
- Prepared PPT presentations for Director MOUD and JS MOUD for workshop on Consultation of States for Implementation of 14th FC Recommendations, May 28, 2015.
- Provided detailed comments to MOUD on creation of National Investment and Infrastructure Fund (NIIF), June 11, 2015.
- Provided detailed comments/note to MOUD on Draft Guidelines for release utilization of grant received by 14 FC for ULBS, June 17, 2015.
- Prepared at PPT presentation for MOUD on initiative taken by MOUD on Accrual Based Account Systems, July 6, 2015.
- Provided detailed comments to MOUD on the "The Dadra and Nagar Haveli Municipal Council (Amendment) Regulation 2015, July 6, 2015.
- Prepared a status of SLBs in class I cities for MOUD, July 7, 2015.
- Prepared a Research proposal for Rockefeller Foundation, titled, "Measuring Cost Resilient Cities from a City Level Finance Perspective", July 14, 2015.
- Provided detailed comment on "The Gazette of India Extraordinary Part – III – Section 4 published by Authority, New Delhi, July 15, 2015.
- Securities and Exchange Board of India Notification Mumbai, July 15, 2015.
- Provided comments to MOUD on 4th SFC of Uttar Pradesh, August 5, 2015.
- Review of proposal of Tax Free Bonds of Rs.200 Cr submitted by Government of Gujarat under section 109 of the Gujarat Provincial Act, 1949, April 21, 2015 & August 5, 2015.
- Nominated for Jury member for " Maza Swapna Smart Pune". During the third and final stage of evaluation, 10 contestants were asked to present their ideas to capture the essence and substance of each idea and its viability as a practical solution that can be applied in the city of Pune. The top 3 winning ideas were finalized by the jury, based on

the criteria of Practicality, Clarity, Creativity and Potential Scale of Impact, August 12, 2015.

- Provided detailed comments on ICRIER Research Papers prepared for MOUD, August 24, 2015.
- Securities and Exchange Board of India (Issue and Listing of Debt Securities by Municipality) Regulations, 2015', August 28, 2015.
- Done a Peer Review for Urban India, titled, "14 FC and ULBs", September 2015.
- Prepared an Inspection Questionnaire for the Committee of Parliament on official language (Hindi), September 29, 2015.
- Provided detailed comments to MOUD on the "Odisha Land Grabbing (Prohibition) Bill 2015".
- Provided detailed comments to MOUD on the "Odisha Underground Pipelines, Cable & Duct (Acquisition of Right of User In Land) Bill, 2015"..
- Represented MOUD and attended a meeting of Ministry of Panchayati Raj on Implementation of 14 Finance Commission Recommendations on November 23, 2015.
- Undertaken the evaluation of eleven smart city plans during December 2015.
- Visited to National institute of Hydrology for the learning on flood management, on December 22, 2015.
- Prepared answers to Parliament questions.

Paramita Datta Dey

Member of Committees

- Public Information Officer for RTI at NIUA.
- Member of the Urban Expert Group formed by Indo-Global Social Service Society, Delhi
- Member, India sanitation Coalition Expert group on Best Practices

Seminar/workshops

- Participated in an urban WASH presentation meeting organized by USAID, New Delhi, April 1, 2015.
- Participated in the 2nd Precursor Meeting of The India Sanitation Coalition organized by FICCI, New Delhi, April 8, 2015.
- Participated in the convening on "Clean India: Stimulating Behavior Change and Usage, organized by the U Chicago Centre in Delhi, New Delhi, April 17, 2015.
- Participated in the RCUK-NIUA Joint Consultation on Urban Research Landscape, organised by NIUA, New Delhi, May 15 2015.
- Participated in the Niti Aayog – CPR first Open Seminar on Open Defecation Free (ODF) Communities: A key step towards Swachh Bharat, New Delhi, May 22, 2015.
- Participated in the 6th dialogue on Reshaping the Indian city-Convergence in the New Urban Agenda by Prof. K.T. Ravindran, organised by NIUA, June 19 2015.
- Participated in:
 1. Workshop on RCUK-NIUA Joint Consultation on Urban Research Landscape, May15, 2015.
 2. Seminar on Open Defecation Free (ODF) Communities: A key step towards Swachh Bharat, organised by Niti Aayog and CPR, May 22, 2015.
 3. Sustainable CSR conference titled "Business Case for Sustainable CSR Intervention" organised by Sharp Developments, New Delhi, July15, 2015.

4. City Conference on “Singapore’s Drive towards a Smart Nation – Experience and Challenges” organised by Singapore Building and Construction Authority, Delhi, July 10, 2015.
5. Knowledge Exchange Seminar on Sanitation Facilities -A Stepping Stone to Further Collaboration between India and Japan for Better Sanitation, organised by Japan International Cooperation Agency (JICA) in association with Ministry of Drinking Water and Sanitation and Ministry of Urban Development, Government of India (GOI), New Delhi, September 10, 2015
6. Workshop on Climate Change Mitigation - Urban Sector New Delhi, organised by Ministry of Urban Development, Delhi, September 21, 2015.
 - Participated in the Workshop on Urban Sanitation Communications, organised by the Bill and Melinda Gates Foundation (BMGF) in New Delhi on December 1, 2015.
 - Participated in the Inception Meeting on National Housing and Habitat Policy, 2017 and National Consultation on Draft National Urban Rental Housing Policy, 2015, organized by the MOHUPA, GoI, in New Delhi, December 4, 2015.
 - Participated in the National Field Exposure Visit on ‘Sustainable Urban Water Management – Best Management Practices’ , under the Capacity Building of Urban Local Bodies (CBULB) scheme of MOUD, GoI, organised by the Centre for Science and Environment, New Delhi, from December 14 - 18, 2015.
 - Resource person and member for the think tank group on urban development issues in India coordinated by the Indo-Global Social Service Society (IGSSS), IGSSS, New Delhi, January 11, 2016.
 - Participated in Smart Cities roundtable, organized by Brookings India, New Delhi, February 1, 2016.
 - Resource person in Stakeholder Consultation on Digital Tools, organized by Safe Water Network, New Delhi, February 4, 2016.
 - Participated in "100 Smart Cities Conference", organized by the Indian Chamber of Commerce, New Delhi, February 9, 2016.
 - Participated in the workshop on "Social Management of Habitat"; a methodology of intervention in Slums by the City Government of Buenos Aires by Ms. Elisa Altuna from Ministry of Habitat and Inclusion (SECHI), Buenos Aires on Soldati Lake sanitation and its surroundings, New Delhi, February 18, 2016.
 - Received a scholarship for participation in the Urban Innovation and Leadership Lab at Durban, South Africa and Berlin, Germany organized by the GIZ and Global Leadership Academy from September 24 – 27, 2015 and November 13 – 15, 2015. Participated in the last module that was held in Shanghai from March 8 -11, 2016.
 - Participated in the roundtable on "Growth, Urbanization, and Poverty Reduction in India" by Gaurav Datt (Monash University), organized by the World Bank, New Delhi, March 31, 2016.

Others

- Submitted proposal to BMGF for a Sanitation Capacity Building Platform at NIUA.
- Updated proposal submitted to Bill and Malinda Gates Foundation (BMGF) for a Sanitation Capacity Building Platform at NIUA. The proposal has been accepted and the project has been awarded.
- Submitted the final proposal for developing an ‘Innovation Hub’ for Urban WASH Solutions to USAID (linked to GoI’s Swachh Bharat, AMRUT and Smart City Mission). Proposal under examination by USAID.

- Team lead for the Sanitation Capacity Building Platform - involved in coordination with partners and cities, integration of the efforts of all partners, draw connections between its activities and other capacity building hubs.
- Submitted the queries to the final proposal (technical and financial) prepared for developing an 'Innovation Hub' For Urban WASH Solutions to USAID (linked to GoI's Swachh Bharat, AMRUT and Smart City Mission). Proposal is under examination by USAID.
- Short-listing of candidates for two posts of SCBP from applications received against EOI advertised in NIUA website, March 2016.
- Inputs provided in design for Solutions Exchange –online platform for capacity building under new urban Missions.

Mahendra Sethi

Seminar/workshops

- Participated in a round table discussion and consultation on 'Sustainable Energy Integration in Smart Cities' organized by NIUA in partnership with Blue Earth Enterprise, May 01, 2015.
- Attended 'Smart Cities India 2015 Expo: Smarter Solutions for a Better Tomorrow' at Pragati Maidan, New Delhi on May 20-22, 2015.
- Interaction meeting with Mr. Jeff Soule, FAICP, Director of Outreach and International Programs, American Planning Association and Dr. Vatsal Bhatt, Director, Cities and Neighborhood Developments, US Green Building Council in NIUA on May 25, 2015.
- Participated in International Conference on Capacity Building and Experience Sharing for Enhancing Sustainability in Urban India organised by The Energy & Resources Institute (TERI) and Asia-Pacific Network for Global Change Research (APN) at India Habitat Centre, New Delhi on June 3, 2015.
- Interaction meeting with Dr. David Sadoway of Nanyang Technological University on research updates on Singapore and current Indian urbanization policies including AMRUT and SMART CITIES, July 3, 2015.
- Participated in a workshop on Finance, Innovation Policy, and Sub-national Actions: Towards Low Carbon Development in India organized by The Energy & Resources Institute (TERI) at India Habitat Centre, September 17, 2015.
- Participated in Urban Thinkers Campus at India Habitat Centre, New Delhi on October 5-8, 2015.
- Participated in Sangath, Seminar and Exhibition by Delhi Urban Arts Commission in New Delhi on November 6, 2015.
- Participated in International Seminar on Planning and Management of Energy in Smart Cities, New Delhi, January 28, 2016.
- Participated in ORF - PRIO Urban Conference held at Casuarina Hall, India Habitat Centre, Delhi on February 8 – 9, 2016.

Others

- A Special Story of Mahendra Sethi covered in Dainik Jagran, Josh Plus supplement of April 2015 on Careers: Top 10 sector in Engineering.

- Research paper: ‘Decoding urban India’s carbon footprint: Spatial–numerical mapping of thermal energy emissions’ published in *Current Science*, Vol.108, No.9 dated May 10, 2015.
- Peer-Review of an article for *Environmental Engineering and Management Journal*, Gheorghe Asachi Technical University of Iasi, Romania.
- Research paper ‘Mapping Global to Local Carbon Inequities in Climate Governance- A Conceptual Framework, published in *International Journal of Development Research*, Vol. 5, Issue, 08, pp. 5387-5397, ISSN: 2230-9926, August, 2015.
- Research paper ‘Gender Inequities in India’s Urban Governance’, published in *International Journal of Science and Research*, Vol.4 Issue 8, 1069-1073, ISSN: 2319-7064, August 2015.
- ‘Urban Response to the Dizzy Goals Challenge’ article featured on Urban Thinkers website <http://utc.niua.org/>, September 21, 2015.
- Research paper, “From global ‘North–South’ to local ‘Urban–Rural’: A shifting paradigm in climate governance?” published in *Urban Climate* 14 (2015) 529–543
- Research paper, “Delhi’s land cover change in post transit era” published in the journal *Cities*, Volume 50, Pages 111–118, February 2016.
- Paper published in journal of IIPA Delhi, *Nagarlok* on Cities and Climate Change in Vol XLVII (1) 2015.
- Research paper submitted to journal of SPA Bhopal; SPRANDEL 2015 (11) special issue on *Making Cities Smart and Competitive* (accepted after peer-review process)
- Abstract on *Localizing the Global Urban Agenda* submitted to Smart Cities Conference 2016, New Delhi (abstract approved)
- Peer-Review of an article for *Journal of Geography and Regional Planning*, published monthly by Academic Journals.
- Submitted thesis on “Climate Change and Urban Settlements- A spatial perspective of carbon footprint and beyond” for award of PhD degree.
- Editorial for *Urban India*, Vol.35 (No.1) January-June 2015 and Vol.35 (No.2) July-December 2015.

STAFF POSITION

As on 31 March 2016

Sl. No.	Name of the Post	No. of Staff Members
RESEARCH FACULTY		
1	Director	1
2	Professor	2
3	Associate Professor	1
4	Senior Research Officer	3
5	Editor	1
6	Research Officer	1
OFFICERS		
7	Administrative & Accounts Officer	1
8	Executive Officer	1
9	Librarian	1
SUPPORTING RESEARCH & TECHNICAL STAFF		
10	Junior Research Officer	3
11	Research Analyst	2
12	Project/Training Associates/Research Associates/Research Fellow/Project Coordinator etc. (on consolidated wages)	31
13	Investigator	1
14	Senior Draughtsman	1
15	Personal Assistant	1
16	Supervisor (WPO)	1
17	Assistant Programmer	1
18	Supervisor (DTP)	1
19	Draughtsman	1
20	Junior Hindi Translator	1
21	Tracer	1
ADMINISTRATIVE ASSISTANCE		
22	Accountant	1
23	UDC/Caretaker	6
24	Machine Operator	1
25	LDC/Records Clerk	5
26	Telephone Operator	1
27	Library Attendant	1
28	Accountant (Project)/Accounts Assistant (Project)/Adviser (L&F) (on consolidated wages)	3
DRIVERS & CLASS IV		
29	Drivers	2
30	Peon/Chowkidar/Farrash/Messenger/Electrician	7
Total		84

**Annual Accounts
2015-16**

NATIONAL INSTITUTE OF URBAN AFFAIRS
BALANCE SHEET AS AT MARCH 31, 2016
 (Amount in Rupees)



Particulars	Schedule No	As at March 31, 2016	As at March 31, 2015
CORPUS/ CAPITAL FUND AND LIABILITIES			
Corpus & Capital Fund	1	788,36,085	839,91,055
Gratuity & Leave Encashment Fund	2	444,75,213	413,01,300
Research and Development Fund	3	(7,70,726)	60,00,754
Earmarked Fund	4	1383,43,005	505,96,142
Assets Fund	5	24,33,777	41,65,450
Current Liabilities & Provisions	6	83,59,865	59,53,201
TOTAL		2716,77,219	1920,07,902
ASSETS			
Fixed Assets	7	24,33,777	41,65,450
Investment - From Earmarked Fund	8	1134,91,982	603,88,065
Investment - Others (Corpus)	9	862,51,413	919,90,197
Current Assets, Loans, Advances, etc.	10	695,00,047	354,64,190
TOTAL		2716,77,219	1920,07,902
Significant Accounting Policies	18		
Contingent Liabilities and Notes on Accounts	19		
Appendix	A to E		

As per our report of even date attached
 For Oswal Sunil & Company
 Chartered Accountants
 Firm Reg. No. : 016520N

Sunil Bhansali
 CA Sunil Bhansali
 Partner
 M. No.: 054645



Place: New Delhi
 Date: 29 SEP 2016

For and on behalf of
 NATIONAL INSTITUTE OF URBAN AFFAIRS

Jagan Shah
 (Jagan Shah)
 Director

Diwan Singh
 (Diwan Singh)
 Executive Officer



NATIONAL INSTITUTE OF URBAN AFFAIRS
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED MARCH 31, 2016
 (Amount in Rupees)



Particulars	Schedule No	For the year ended 31 March, 2016	For the year ended March 31, 2015
INCOME			
Grant From Ministry of Urban Development	11	399,32,709	339,04,036
Project Grant (Transfer from Earmarked Fund)		500,26,400	475,23,537
Transfer from Assets Fund - General (Depreciation)		69,408	1,50,642
Fees/Subscription	12	10,500	14,250
Income from Interest - Corpus Fund	13	-	82,59,055
Income from Interest - Others	14	76,973	66,958
Other Miscellaneous Income	15	82,853	1,48,865
Total Income	(A)	901,98,843	900,67,343
EXPENDITURE			
Establishment Expenses	16	392,21,771	374,63,658
Administrative Expenses	17	61,05,642	58,75,740
Project Expenses		500,26,400	475,23,537
Prior Period Expenses		-	-
Total Expenditures	(B)	953,53,813	908,62,935
Surplus/ (Deficit) Carried to Corpus Fund	(A-B)	(51,54,970)	(7,95,592)
Significant Accounting Policies	18		
Contingent Liabilities and Notes on Accounts	19		
Appendix	A to E		

As per our report of even date attached
 For Oswal Sunil & Company
 Chartered Accountants
 Firm Reg. No. : 016520N

Sunil Bhansali
 CA Sunil Bhansali
 Partner
 M. No.: 054645



Place: New Delhi
 Date: 29 SEP 2016

For and on behalf of
 NATIONAL INSTITUTE OF URBAN AFFAIRS

Jagan Shah
 (Jagan Shah)
 Director

Diwan Singh
 (Diwan Singh)
 Executive Officer



NATIONAL INSTITUTE OF URBAN AFFAIRS
 SCHEDULES FORMING PART OF THE BALANCE SHEET
 (Amount in Rupees)



Particulars	As at	As at
	March 31, 2016	March 31, 2015
Schedule: 1		
Corpus & Capital Fund		
Balance as at Beginning of the Year	839,91,055	847,86,647
Add: Amount Trf from Income & Expenditure A/c	(51,54,970)	(7,95,592)
Total	788,36,085	839,91,055
Schedule: 2		
Gratuity & Leave Encashment Fund		
Balance as at Beginning of the Year	413,01,300	408,99,693
Add: Interest received during the year	30,99,041	32,65,317
Add: Employer's Contribution for the year	29,15,699	43,89,838
Less: Final Payments made	(28,40,827)	(72,53,548)
Total	444,75,213	413,01,300
Schedule: 3		
Research & Development Fund		
Balance as at Beginning of the Year	60,00,754	-
Add: Grant received during the year	71,41,056	118,46,500
Add: Overhead Income from Project Funds*	7,00,628	13,21,039
Add: Other Income from Closed Project Funds*	(25,192)	79,61,226
Add: Interest & Other Income received during the year	81,65,355	3,79,699
Add: Depreciation during the year	10,87,483	3,80,824
Less: Administrative & Establishment Expenses during the year	(226,92,538)	(131,72,519)
Less: Amount trf to Asset Fund	(60,789)	(23,35,191)
Less: Depreciation during the year	(10,87,483)	(3,80,824)
Total	(7,70,726)	60,00,754
* Refer Note No. 19 (E)		
Schedule: 5		
Asset Fund		
Balance as at Beginning of the Year	41,65,450	9,78,568
Add: Assets acquired during the year out of fund from		
- Ministry of Urban Affairs	67,291	95,964
- Research and Development Fund	60,789	23,35,191
- Projects Fund	10,90,362	24,26,827
Less: Depreciation (Contra to Fixed Asset Account)	(29,50,115)	(16,71,100)
Total	24,33,777	41,65,450
Schedule: 6		
Current Liabilities & Provisions		
Current Liabilities		
Sundry Creditors		
- For Expenses	28,76,676	3,31,220
Other Current Liabilities		
Pay & Allowances Payable	49,15,275	46,22,404
Other Expenses Payable	1,47,576	4,94,757
Statutory Liabilities Payable	4,20,338	5,04,820
Total	83,59,865	59,53,201



Schedule: 8**Investment From Earmarked Funds (Appendix A and B)**

Term Deposits	1123,05,353	592,65,074
Add: Accrued Interest	11,86,629	11,22,991

Total	1134,91,982	603,88,065
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Schedule: 9**Investment Other (Corpus) (Appendix C)**

Term Deposits	850,00,000	895,24,993
Add: Accrued Interest	12,51,413	24,65,204

Total	862,51,413	919,90,197
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Schedule: 10**Current Assets, Loans, Advances Etc.****Current Assets****Cash in Hand****Bank Balance**

State Bank of Hyderabad A/c No 52142908059 Main	29,68,832	30,75,277
State Bank of Hyderabad A/c No 52142908402 HUDCO	7,75,163	1,29,535
State Bank of Hyderabad A/c No 52143007994 Corpus	23,20,927	94,887
State Bank of Hyderabad A/c No 62401440763 NIUA	1,100	48,000
State Bank of Hyderabad A/c No 52142908435 R&D	10,67,303	66,99,443
State Bank of Hyderabad A/c No 52142908402 GLE	60,97,944	26,63,889
Bank Balances of Projects	239,34,846	95,58,411

(A)

371,06,115	222,69,442
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Loan, Advances and Other Assets:**TDS****Advance to Staff****Advances to Vendors (Projects)****Project Grants Receivable****Prepaid Expenses****Miscellaneous Receivable**

60,18,950	48,05,931
65,460	2,21,987
6,02,887	1,30,381
256,08,685	78,42,512
97,950	1,87,171
-	6,766

(B)

323,93,932	131,94,748
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Total (A+B)

695,00,047	354,64,190
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NATIONAL INSTITUTE OF URBAN AFFAIRS
SCHEDULES FORMING PART OF THE INCOME & EXPENDITURE ACCOUNT
(Amount in Rupees)



Particulars	For the year ended 31 March, 2016	For the year ended 31 March, 2015
Schedule: 11		
Grant From Ministry of Urban Development		
Grants received during the year	400,00,000	340,00,000
Less :- Utilized for Capital Expenditure	67,291	95,964
Total	399,32,709	339,04,036
Schedule: 12		
Fees/Subscription		
Annual Membership Fees	10,500	14,250
Total	10,500	14,250
Schedule: 13		
Income from Interest- Corpus Fund		
On Term Deposit	-	82,59,055
Total	-	82,59,055
Schedule: 14		
Income from Interest- Others		
On Saving Bank Account	76,973	66,958
Total	76,973	66,958
Schedule: 15		
Other Miscellaneous Income		
Miscellaneous Receipt	8,504	1,19,704
Income from Sale & Subscription of Journal	74,349	29,161
Total	82,853	1,48,865
Schedule: 16		
Established Expenses		
Contribution to Gratuity and Leave Encashment Fund	22,12,915	33,12,788
Pay & Allowances	348,86,814	318,23,002
Bonus Expenses	99,590	1,00,166
Contribution to Provident fund	12,33,000	11,75,967
Contribution to GSLIS	9,961	10,398
Leave Travel Concession	1,54,208	6,21,624
Leave Encashment	21,856	2,27,773
Staff Welfare Expenses	6,03,427	1,91,940
Total	392,21,771	374,63,658
Schedule: 17		
Administrative Expenses		
Repair & Maintainance (IHC)	33,44,980	29,01,584
Rent, Rates & Taxes (IHC)	8,65,971	9,30,274
Repair & Maintainance (General)	1,69,529	2,12,344
Electricity & Water (IHC)	5,14,567	5,20,653
Vechile Running & Mainatance	2,73,461	2,62,972
Postage, Telephone & Communication Expense	1,80,888	2,02,794
Printing & Stationary	3,73,845	2,32,319
Travelling & Conveyance Expenses	7,059	7,374
Expenses on Seminar/Workshops/Programmes/Meetings	20,067	21,004
Legal & Professional Fees	1,45,943	2,56,436
Newspaper & Magazines	65,186	73,619
Other (Contingency Expenses)	74,738	1,03,725
Depreciation	69,408	1,50,642
Total	61,05,642	58,75,740

NATIONAL INSTITUTE OF URBAN AFFAIRS
Schedule: 4 Earmarked Fund
(Amount in Rupees)



Particulars	Computer Fund		Non Core Fund		HUDCO		Project Funds		Total	
	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015
A) Opening balance of the Funds	-	13,553	-	10,68,076	(3,37,613)	(2,71,340)	509,33,755	505,26,444	505,96,142	513,36,733
B) Additions during the Year	-	-	-	8,648	8,787	10,411	-	-	8,787	19,059
Interest Received during the year	-	-	-	-	18,00,000	4,00,000	-	-	-	555,30,471
Grants In Aid	-	-	-	-	-	5,75,659	-	-	1392,11,559	5,75,659
Miscellaneous Receipt	-	-	-	-	-	26,680	-	-	-	11,39,634
Depreciation during the year	-	-	-	-	-	-	-	-	17,93,225	11,39,634
Inter A/c Adjustment (Refer Foot Note 1)	-	-	-	-	-	-	8,05,860	26,24,397	8,05,860	26,24,397
Total (A+B)	-	13,553	-	10,76,724	14,71,174	7,41,410	1909,44,399	1093,94,266	1924,15,573	1112,25,953
C) Expenditures towards objectives of fund	-	-	-	3,14,996	10,67,719	8,31,965	182,81,162	154,24,559	193,48,881	165,71,520
Salaries & Wages	-	-	-	125	4,09,790	2,20,378	299,54,248	283,51,112	303,64,038	285,71,615
Administrative Expenses	-	-	-	-	-	-	7,00,628	13,21,039	7,00,628	13,21,039
Overhead Expenses	-	-	-	-	-	26,680	17,93,225	11,12,954	17,93,225	11,39,634
Depreciation during the year	-	-	-	-	-	-	10,90,362	24,26,827	10,90,362	24,26,827
Asset Acquired	-	-	-	-	-	-	7,75,434	98,24,020	7,75,434	105,99,176
Inter A/c Adjustment (Refer Foot Note 1)	-	13,553	-	7,61,603	-	-	-	-	-	-
Total (C)	-	13,553	-	10,76,724	14,77,509	10,79,023	525,95,059	584,60,511	540,72,568	606,29,811
Net Balance as on year end (A+B-C)	-	-	-	-	(6,335)	(3,37,613)	1383,49,340	509,33,755	1383,43,005	505,96,142

Foot Note:

1. Inter A/c Adjustment represents closing balances receivables/payable transferred from closed projects to R&D Fund. (Refer Appendix D)



NATIONAL INSTITUTE OF URBAN AFFAIRS
Schedule: 7 Fixed Assets
(Amount in Rupees)



Particulars	Rate	GROSS - BLOCK		DEPRECIATION		NET - BLOCK		
		As at 01.04.2015	Additions	As at 31.03.2016	Upto 31.03.2015	For the Year	As at 31.03.2016	As at 31.03.2015
FIXED ASSETS								
A. Asset Acquired Out of Grants In Aid From Ministry of Urban Development								
Furniture & Fixtures	15%	27,08,050	-	27,08,050	26,99,955	1,634	27,01,589	8,095
Office Equipments	25%	21,66,615	-	21,66,615	21,66,451	165	21,66,615	165
Computer & EDP Equipments	60%	31,09,879	-	31,09,879	31,09,561	318	31,09,879	318
Library Books & Periodicals	100%	52,86,073	67,291	53,53,364	52,86,073	67,291	53,53,364	-
		132,70,617	67,291	133,37,908	132,62,040	69,408	133,31,447	8,577
B. Asset Acquired Out of HUDCO								
Computer & EDP Equipments	60%	77,533	-	77,533	77,533	-	77,533	-
		77,533	-	77,533	77,533	-	77,533	-
C. Asset Acquired Out of Research and Development Fund								
Furniture & Fixtures	15%	11,72,555	-	11,72,555	69,954	1,75,884	2,45,838	11,02,601
Office Equipments	25%	25,417	48,289	73,706	14,953	14,429	29,382	10,464
Computer & EDP Equipments	60%	16,22,516	12,500	16,35,016	3,27,362	8,97,170	12,24,532	12,95,154
		28,20,488	60,789	28,81,277	4,12,269	10,87,483	14,99,752	24,08,219
D. Asset Acquired Out of Projects Fund								
Furniture & Fixtures	15%	4,29,383	-	4,29,383	1,90,136	48,052	2,38,188	2,39,247
Office Equipments	25%	25,76,553	56,450	26,33,003	25,34,780	36,362	25,71,142	41,773
Computer & EDP Equipments	60%	151,93,204	10,33,912	162,27,116	137,25,569	17,08,811	154,34,380	14,67,635
Library Books & Periodicals	100%	7,27,297	-	7,27,297	7,27,297	-	7,27,297	-
Staff Car	25%	10,32,432	-	10,32,432	10,32,432	-	10,32,432	-
		199,58,869	10,90,362	210,49,231	182,10,214	17,93,225	200,03,439	17,48,655
Total (Current Year)		361,27,507	12,18,442	373,45,949	319,62,057	29,50,115	349,12,172	41,65,450
Total (Previous Year)		312,69,525	48,57,982	361,27,507	302,90,957	16,71,100	319,62,057	9,78,568

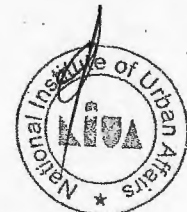


NATIONAL INSTITUTE OF URBAN AFFAIRS
APPENDICES FORMING PART OF BALANCE SHEET AND INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR
ENDED MARCH 31,2016



Details of Investment - Earmarked Funds and Others

Particulars	Amount
Appendix A	
Gratuity & Leave Encashment Fund	
Fixed Deposit with HUDCO No.47312	180,00,000
Fixed Deposit with HUDCO No.10000170273	150,00,000
Add: Accured Interest on Above	2,30,826
Total	332,30,826
Appendix B	
FCRA	
Fixed Deposit with State Bank of Hyderabad No 62317674368	27,17,335
Fixed Deposit with State Bank of Hyderabad No 6231764073	65,30,250
Fixed Deposit with State Bank of Hyderabad No 62317674211	65,30,250
Fixed Deposit with State Bank of Hyderabad No 62327308082	59,62,479
Fixed Deposit with State Bank of Hyderabad No 62395417716	14,89,588
Fixed Deposit with State Bank of Hyderabad No 62449975230	52,74,081
Fixed Deposit with State Bank of Hyderabad No 62446836093	508,01,370
Add: Accured Interest on Above	9,55,803
Total	802,61,156
Grant Total (A+B)	1134,91,982
Appendix C	
Corpus Fund	
Fixed Deposit with HUDCO No.47209	150,00,000
Fixed Deposit with HUDCO No.47302	200,00,000
Fixed Deposit with HUDCO No.47310	250,00,000
RBI 8% (Taxable) Saving Bonds	250,00,000
Add: Accured Interest on Above	12,51,413
Total	862,51,413



NATIONAL INSTITUTE OF URBAN AFFAIRS

Annex D

Projects Fund

(Amount in Rupees)



S. No.	Name of Projects	Opening Balances	Receipts/Receivable Accounted for during the year	Inter Account Adjustment	Total	Expenditure during the year	Inter Account Adjustment	Total	Closing Balances
	NIUA/TPU	15,24,662	6,910	-	15,31,572	15,281	-	15,281	15,16,291
	NIUA/JNNURM	88,22,723	3,538	-	88,26,261	7,19,243	-	7,19,243	81,07,018
	NIUA/FCRA	333,97,114	879,82,582	-	1213,79,696	232,57,310	-	232,57,310	981,22,386
	NIUA/HRIDAY (SBH) & (IDFC)	-	343,09,372	-	343,09,372	181,86,215	-	181,86,215	161,23,157
	NIUA/Swacch Bharat Mission	-	47,45,733	-	47,45,733	3,460	-	3,460	47,42,273
	NIUA/PEARL	12,27,559	4,420	-	12,31,979	3,821	0	3,821	12,28,158
	NIUA/SUSTAINABLE CITY	1,51,139	4,841	-	1,55,980	-	-	-	1,55,980
	NIUA/SFC Support Cell	(9,60,173)	9,60,173	0	0	-	-	-	0
	NIUA/Satellite Town Scheme	1,93,123	1,075	-	1,94,198	-	-	-	1,94,198
	NIUA/CSP	20,34,015	188	-	20,34,203	-	-	-	20,34,203
	NIUA/Planning Commission	(1,16,384)	-	8,05,860	6,89,476	3,251	6,86,225	6,89,476	-
	NIUA/SNPUWR	6,00,717	2,465	-	6,03,182	-	-	-	6,03,182
	NIUA/SSSB	3,92,564	628	-	3,93,192	-	-	-	3,93,192
	NIUA/DPD	67,340	1,767	-	69,107	50,000	-	50,000	19,107
	NIUA/SSLP	96,609	1,255	-	97,864	8,655	89,209	97,864	-
	NIUA/CIDCO	30,69,224	91,10,541	-	121,79,765	70,69,570	-	70,69,570	51,10,195
	NIUA/ULCRA	4,33,523	2,76,071	-	7,09,594	7,09,594	-	7,09,594	-
	Total	509,33,755	1374,11,559	8,05,860	1891,51,174	500,26,400	7,75,434	508,01,834	1383,49,340

Note:

After A/c Adjustment has been done for closed projects whereby the adjustment made under Income column includes outstanding liabilities/provisions and loan borrowed while the adjustment made under expenditure column includes the closing bank balances, Loans Given and TDS Recoverable which have been transferred to R&D Fund.



NATIONAL INSTITUTE OF URBAN AFFAIRS
Appendix E
DETAIL OF SAVING ACCOUNTS and INVESTMENT - PROJECTS
(Amount in Rupees)

S.No.	Name of Projects	Saving Bank A/c No. with State Bank of Hyderabad	Closing Balances of Projects	Bank Balances	Fixed Deposit	Accrued Interest and Receivable	Receivables	Loan/ Advances Given	Provisions/ Liabilities & Borrowings	Closing Balances
1	NIUA/TPU	52142908413	15,16,291	1,16,291	-	-	-	14,00,000	-	15,16,291
2	NIUA/JNNURM	62012196872	81,07,018	59,488	-	-	30,42,326	61,85,786	(11,80,561)	81,07,018
3	NIUA/FCRA	52142908468	981,22,386	183,79,165	793,05,353	9,55,803.00	1,16,792	5,58,478	(11,93,206)	981,22,386
4	NIUA/HRIDAY	62451948274	(8,70,826)	25,122	-	-	-	4,052	(9,00,000)	(8,70,826)
5	NIUA/HRIDAY (IDFC)	10000193304	169,93,983	-	-	-	171,50,000	-	(1,56,017)	169,93,983
6	NIUA/Swacch Bharat Mission	10000015795	47,42,273	47,42,273	-	-	-	-	-	47,42,273
7	NIUA/PEARL	62095929938	12,28,158	1,08,486	-	-	19,17,138	1,70,524	(9,67,990)	12,28,158
8	NIUA/SUSTAINABLE CITY	62095923357	1,55,980	55,980	-	-	-	1,00,000	-	1,55,980
9	NIUA/SFC Support Cell	62129628326	0	21,283	-	-	9,48,717	6,00,000	(15,70,000)	-
10	NIUA/Satellite Town Scheme	62171115573	1,94,198	27,574	-	-	-	2,00,000	(33,376)	1,94,198
11	NIUA/CSP	62171115573	20,34,203	4,807	-	-	35,00,000	-	(14,70,604)	20,34,203
12	NIUA/SNPUPR	62213124333	6,03,182	63,182	-	-	40,000	5,00,000	-	6,03,182
13	NIUA/SSSB	62248708088	3,93,192	16,097	-	-	16,38,000	-	(12,60,905)	3,93,192
14	NIUA/DPD	62303629309	18,107	34,107	-	-	-	-	(15,000)	18,107
15	NIUA/CIDCO	62350088123	51,10,195	2,73,037	-	-	6,420	54,57,808	(6,27,070)	51,10,195
	NIUA/ULCR	62324454978	-	7,954	-	-	2,73,056	12,00,000	(14,81,010)	-
	Total		1383,49,340	239,34,846	793,05,353	9,55,803	286,32,449	163,76,648	(108,55,759)	1383,49,340

Foot Note:

1. Receivables includes Grant Receivables and TDS Recoverable.
2. Loan/Advances given includes Inter Project Loans Given.
3. Provisions/Liabilities & Borrowings includes Inter Project Loans taken, Provisions for Expenses and Statutory Liabilities Payable.



Schedule: 18 Significant Accounting Policies

A. Basis of Accounting

The financial statements have been prepared under the historical cost convention, in accordance with the generally accepted accounting principles including applicable accounting standards issued by the Institute of Chartered Accountants of India. Financial Statements have been prepared on going concern basis.

B. Inventory Valuation

Books published by the Institute lying unsold as at the year end are not shown as inventory in the accounts.

C. Fixed Assets

All fixed assets are stated at cost less accumulated depreciation. Cost is inclusive of all costs relating to the acquisition, pre-operational expenses and installation of fixed assets to bring the assets to working condition for intended use.

D. Depreciation

(a) Depreciation on all fixed assets of the Company is provided on Straight Line method at the rates specified in Income Tax Act, 1961

(b) Depreciation is provided on Pro rata basis except in case of assets which are subject to depreciation @100%.

(c) An amount, equal to depreciation charged on Assets during the year is debited to respective Asset Fund Account.

E. Impairment of Assets

Management periodically assesses whether there is an indication that an assets may be impaired. In case of such an indication, the management estimates the recoverable amount of the asset. If the recoverable amount of an asset is less than its carrying amount the carrying amount of the asset is reduced to its recoverable amount and the difference is recognised as impairment loss.

F. Government Grants

Grants-in-aid from the MoUD for pay & allowances and for maintenance are credited to the Income & Expenditure Account. Grants-in-aid utilised for depreciable assets are credited to the Assets Fund Account.

G. Corpus & Capital Fund

The Institute has constituted "Corpus Fund". The fund is managed in accordance with the National Institute of Urban Affairs (Administration & Management of the Corpus Fund) Rules, 2002. The surplus/deficit of each year as per Income & Expenditure account is adjusted through Corpus & Capital Fund.

H. Research & Development Fund

Research & Development Fund represent unspent balances of specific grant receipt for the project, unspent balances of closed projects, overhead recoveries from projects, interest earned on investment out of the fund etc.

I. Employee Benefits

(a) Short term employee benefits are recognised as an expense at the undiscounted amount in the Income & Expenditure Account for the year in which the related service is rendered.

(b) Post employment and other long term employee benefits are recognised as an expense in the Income & Expenditure Account for the year in which the employee has rendered services. The expense is recognised at the present value of the amounts payable determined using actuarial valuation techniques. Actuarial gain and losses in respect of post employment and other long term benefits are charged to revenue.

(c) The Institute is maintaining a Contributory Provident Fund Account, which has been recognised by the Department of Pension and Pensioners' Welfare.

J. Investment

Investment are valued at cost. Provisions is made for permanent diminution, if any, in the value of such investment.

K. Foreign Exchange Transactions

Foreign currency transaction are recorded by applying the exchange rate at the date of transaction.

L. Provisions and Contingencies

Provisions are recognised when the Institute has a present obligation as a result of past events for which it is probable that an outflow of resources will be required to settle the obligation and a reliable estimate can be made. Provisions required settling the obligations are reviewed regularly and are adjusted where necessary to reflect the current best estimate of the obligation.

A disclosure for a contingent liability is made when there is a possible obligation or a present obligation that may but probably will not require an outflow of resources. Disclosure is also made in respect of a present obligation that probably requires an outflow of resources, where it is not possible to make a reliable estimate of the related outflow.

Schedule: 19 Contingent Liabilities and Notes to Accounts

A. Contingent Liabilities:

Claims against the Institute in respect of pending court cases : NIL (PY NIL)

The Institute's pending litigations comprise of claims against the Institute and proceedings pending with Tax Authorities / Statutory Authorities. The Institute has reviewed all its pending litigations and proceedings and has made adequate provisions, wherever required and disclosed the contingent liabilities, wherever applicable, in its financial statements. The Institute does not expect the outcome of these proceedings to have a material impact on its financial position.

B. Current tax is determined in accordance with the provisions of Income tax act, 1961 consering provisions of section 11 of said Act.

C. Project receipts include project grants, interest earned on project funds, recovery, etc.

D. Closing balances of respective project funds represents unspent balances thereof, after adjustment of expenditure and are represented by balances in the bank accounts, fixed deposits with banks and other net assets.

E. During the Financial Year 2015-16, the Institute has credited Rs 7,00,628/- as overhead income from project funds and debited Rs. 25,192/- as other income from closed projects to Research and Development Account. Income from closed projects includes Rs. 6,766/- transferred from projects closed in the preceeding years.

F. In the opinion of the management of institute, the current assets, loans, advances, etc. have a realisable value at least to the extent shown in the accounts and the provision for all known liabilities including depreciation are adequate.

G. The Institute is maintaining a Contributory Provident Fund (CPF) Account. The Financials of CPF Accounts are prepared seperately and is not a part of NIUA financial statements.

H. Contribution to Defined CPF is recognised as expense for the year is Rs. 15,43,212/- (P.Y. Rs.14,12,231)

The employees' Gratuity Fund Scheme is a defined benefit plan. The present value of obligation is determined based on actuarial valuation using the projected unit credit method, which recognises each period of service as giving rise to additional unit of employee benefit entitlement and measures each unit separately to build up the final obligation. The Obligation for leave encashment is recognised in the same manner as gratuity.

The principal actuarial assumptions used as at the balance sheet date are as under:

The principal assumptions are the discount rate and salary growth rate. The discount rate is generally based upon the market yields available on Government bonds at the accounting date with a term that matches that of the liabilities and the salary growth rate takes account of inflation, seniority, promotion and other relevant factors on long term basis.

S.No.	Particulars	31.03.2016	31.03.2015
1	Discounting Rate	8.00%	7.75%
2	Future Salary Increase	5.50%	5.25%
3	Expected Rate of Return on Plan Assets	0.00%	0.00%
4	Retirement Age	60 Years	60 Years
5	Mortality Table	IALM (2006-08)	IALM (2006-08)

I. The Balance Sheet and Income & Expenditure Account have been drawn in accordance with the common format of accounts prescribed by the office memorandum Dt. 18/21 February, 2002 of Govt. of India, Ministry of Commerce and Industry, Department of Commerce.

J. As per the information available, there is no amounts due that require disclosure/provisioning as per the requirements of the Micro Small and Medium Enterprises Development Act, 2006.

K. In the management's opinion, in the event of any disparity in the balances or any consequential adjustments required on reconciliation of the balances will not be material in relation to the financial statements of the Institute and the same will be adjusted in the financial statements as and when the reconciliation is completed.

L. Fixed Assets have been physically verified by the Management and relied upon by the auditors.

M. The figures given in the Income & Expenditure Account and Balance Sheet are rounded off to the nearest rupees.

N. Previous year's figures have been regrouped / reclassified wherever necessary to confirm with the current year's classification / disclosure.

O. Schedules 1 to 19 and Appendix A to E form an integral part of the accounts and have been duly authenticated.

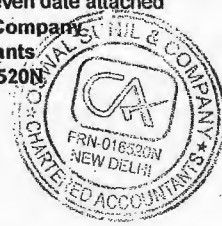
As per our report of even date attached

For Oswal Sunil & Company
Chartered Accountants
Firm Reg. No. : 016520N

CA Sunil Bhansali
Partner
M. No.: 054645

Place: New Delhi

Date: 20.03.2016



For and on behalf of
NATIONAL INSTITUTE OF URBAN AFFAIRS

(Jagan Shah)
Director



(Dyan Singh)
Executive Officer



INDEPENDENT AUDITORS' REPORT ON FINANCIAL STATEMENTS

To the Trustees

NATIONAL INSTITUTE OF URBAN AFFAIRS CONTRIBUTORY PROVIDENT FUND

Report on the Financial Statements

We have audited the accompanying financial statements of **NATIONAL INSTITUTE OF URBAN AFFAIRS CONTRIBUTORY PROVIDENT FUND** ("the Trust"), which comprise the Balance Sheet as at 31st March, 2016 and also the Income & Expenditure Account and a summary of the significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

The Trust's Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance of the Trust in accordance with the generally acceptable Accounting Principles. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with the ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and the disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers the internal control relevant to the Trust's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the Management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion and to the best of our information and according to the explanations given to us, the financial statement gives a true and fair view in conformity with the accounting principles generally accepted in India:



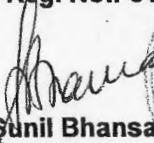
- (a) in the case of the Balance Sheet, of the state of affairs of the Trust as at 31st March, 2016;
- (b) in the case of the Income & Expenditure Account, of the excess of Income over the Expenditures of the Trust for the year ended on that date;

Report on Other Matters

We further report that:

- (a) We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.
- (b) In our opinion, proper books of account as required by law have been kept by the Trust so far as it appears from our examination of those books.
- (c) The Balance Sheet and Income & Expenditure Account dealt with by this Report are in agreement with the books of account.

For Oswal Sunil & Company
Chartered Accountants
Firm Reg. No.: 016520N


CA Sunil Bhansali
Partner
M.No. - 054645



Place: - New Delhi

Date: - 29th September, 2016

**NATIONAL INSTITUTE OF URBAN AFFAIRS CONTRIBUTORY PROVIDENT FUND
BALANCE SHEET AS AT MARCH 31,2016
(Amount in Rupees)**



Particulars	Schedule No	As at March 31,2016	As at March 31,2015
Sources of Funds			
Employees' Subscription	1	351,02,905	289,84,382
Employer's (NIUA) Contribution	2	313,45,940	289,74,755
CPF Amount Payable to Relieved Employee		1,43,128	1,53,379
Accumulated Surplus		13,11,176	12,63,124
TOTAL		679,03,149	593,75,640
Application of Funds			
Bank Balance	3	46,10,872	9,56,778
Investments	4	590,02,585	561,17,773
Interest accrued but not received		7,11,524	18,74,526
TDS Receivables		8,78,168	4,26,563
Amount receivables from the Employer(NIUA)		27,00,000	-
TOTAL		679,03,149	593,75,640
Significant Accounting Policies and Notes on Accounts	5		

As per our report of even date attached
For Oswal Sunil & Company
Chartered Accountants
Firm Reg. No. : 016520N

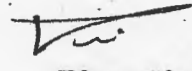

CA Sunil Bhansali
Partner
M. No.: 054645



Place: New Delhi
Date: 29 SEP 2016

For and on behalf of
NATIONAL INSTITUTE OF URBAN AFFAIRS


(Jagan Shah)
Director


(Diwan Singh)
Executive Officer



NATIONAL INSTITUTE OF URBAN AFFAIRS CONTRIBUTORY PROVIDENT FUND
 INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED MARCH 31, 2016
 (Amount in Rupees)



Particulars	For the year ended 31 March, 2016	For the year ended March 31, 2015
INCOME		
Interest Income		
- Fixed Deposit	44,81,912	47,99,737
- Special Deposit Scheme	7,83,225	5,87,419
- Saving Bank Account	1,15,036	63,998
Total Incomes (A)	53,80,173	54,51,154
EXPENDITURE		
Interest Allocation to Members on		
- Employees' Subscription	27,43,672	24,46,110
- Employer's (NIUA) Contribution	25,88,449	25,65,062
Total Expenditures (B)	53,32,121	50,11,172
Surplus/ (Deficit) Transferred to the Balance Sheet (A-B)	48,052	4,39,982

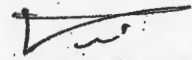
As per our report of even date attached
 For Oswal Sunil & Company
 Chartered Accountants
 Firm Reg. No. : 016520N


 CA Sunil Bhansali
 Partner
 M. No.: 054645



For and on behalf of
 NATIONAL INSTITUTE OF URBAN AFFAIRS


 (Jagan Shah)
 Director


 (Diwan Singh)
 Executive Officer

Place: New Delhi

Date: 29 SEP 2016



**NATIONAL INSTITUTE OF URBAN AFFAIRS CONTRIBUTORY PROVIDENT FUND
SCHEDULES FORMING PART OF THE BALANCE SHEET**

(Amount in Rupees)



Particulars	As at March 31,2016	As at March 31,2015
Schedule: 1		
Employees' Subscription		
Opening Balance b/d	289,84,382	290,58,481
Add: Subscription during the Year	49,04,255	43,85,915
Interest credited during the Year*	27,43,672	24,46,110
Loan Recovered	10,84,816	14,43,174
Less: Refundable Loan	8,63,000	12,94,000
Withdrawal during the Year	90,000	15,98,000
Final Settlement during the Year	16,61,220	54,57,298
	351,02,905	289,84,382
Schedule: 2		
Employer's Contribution		
Opening Balance b/d	289,74,755	299,41,936
Add: Contribution during the Year	15,45,519	14,32,092
Interest credited during the Year*	25,88,449	25,65,062
Less: Final Settlement during the Year	17,62,783	49,64,335
	313,45,940	289,74,755
Schedule: 3		
Bank Balance		
State bank of Hyderabad	45,76,705	9,23,941
Punjab & Sind Bank	34,166	32,836
	46,10,872	9,56,778
Schedule: 4		
Investment		
Fixed Deposits	500,00,000	471,15,188
8.7% Special Deposit Scheme A/c No SD/06/08, Syndicate Bank	90,02,585	90,02,585
	590,02,585	561,17,773



**NATIONAL INSTITUTE OF URBAN AFFAIRS CONTRIBUTORY PROVIDENT FUND
SCHEDULES FORMING PART OF THE BALANCE SHEET**



Schedule: 5

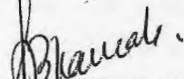
Significant Accounting Policies and Notes on Accounts

- 1 Investment income has been accounted for on accrual basis.
- 2 Interest has been credited @8.7% p.a. for the period from April'2015 to March'2016 to members account on monthly balances of Member's subscription and NIUA Contributions.
- 3 Investment are kept in fixed deposits/ special deposits with the banks and have accordingly been shown at cost.
- 4 Pattern of Investment of Rs 5,90,02,585.00 appearing in the Balance Sheet as at March 31, 2016 is as under:-

Nature of Investment	Amount (In Lakhs)	Total Investment	As per Notification	Excess/ (Deficit)
1) Govt. Securities	0	0	55%	-55%
2) Debt Securities/Term Deposits issued by body corporate including banks and public financial institutions	590.02	100%	40%	60%
3) Other Securities - Money Market Instruments	0	0	5%	-5%
Total	590.02	100%	100%	

Schedules 1 to 5 form an integral part of the accounts and have been duly authenticated.

As per our report of even date attached
For **Oswal Sunil & Company**
Chartered Accountants
Firm Reg. No. : 016520N


CA Sunil Bhansali
Partner
M. No.: 054645

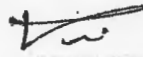


Place: New Delhi

Date: 29 SEP 2016

For and on behalf of
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Director


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