# e-NEWSLETTER

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# Department of Architecture, Jadavpur University





The Department had organized a Two-Day National Seminar on "SMART HABITAT: Cities, Buildings, Products & Services" on 9-10<sup>th</sup> of October 2015 at Gandhi Bhavan, JU, as part of its golden jubilee celebrations.

An exhibition of products titled ARCHESTRA and launch of a publication as Golden Jubilee Monograph to commemorate the 50 years of Academic journey of the department were also held.

The events were supported by our alumni association JUAAAD & students' body SSAJU, with the latter actively participating in organizing the event.





The program on 9<sup>th</sup> October 2015 was inaugurated with the auspicious ceremony of lighting the lamp with the former faculty members of the department – Prof. Monideep Chattopadhyay, Prof. Samir Kumar Rakshit, Prof. Samaresh Mukherjee and Prof. Somen Chakraborty doing the honours along-with Pro-Vice Chancellor Prof. A.S. Verma, Dean-FET Prof. Sivaji Bandopadhyay and Controller of Examination Prof. Satyaki Bhattacharya.



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### **Editorial Board Members:**

Prof. Jayita Guha Niyogi Prof. Shivashish Bose Dr. Suchandra Bardhan

# **Golden Jubilee National Seminar**

9th October 2015

INAUGURAL SESSION

Hon'ble VC Sir and Registrar graced the event in the second session.

Pro-VC gave his inaugural address and stressed the importance of deliberating on the topic. Dean-FET and Controller of Examination congratulated the department for planning the program on a grand scale after some severe trying times. Dr. S. Bardhan, HOD, welcomed everyone in the event and briefed the audience about the intent of the Seminar. A Golden Jubilee Monograph was opened by the dignitaries to commemorate the occasion.



The key note speaker was Prof. Supriya Chaudhuri. She deliberated on the theme and the 'epithet's used to define smartness of cities. She also introduced the smart apps devised by their team working on UGC-UKIERI Project: Envisioning the Indian City.



Ar. Chandra Banerjee, President of our Alumni Association. (JUAAAD) introducing an annual award titled 'Prof. Amiya Kumar Banerjee Award' to the topper of B. Arch. 4<sup>th</sup> Yr. in memory of Prof. Amiya Banerjee, founder Head of this Dept.





A section of audience comprising of alumni and former faculty members.



The inaugural session was followed by felicitation of the former faculty members – Prof. Monideep Chattopadhyay, Prof. Samir Kumar Rakshit, Prof. Samaresh Mukherji and Prof. Somen Chakraborty, who shared fond memories of their time.

**Dr. Sanjib Nag** and **Dr. Debashish Das** were the joint Organizing Secretaries of the event. Faculties and alumni joined the program in large numbers.

### 9th October 2015

Technical Session I: Smart Cities



Eminent speakers of First session

Prof. Abir Bandyopadhyay, NIT, Raipur



Prof. Souvanic Roy, IIEST, Sibpur



Prof. Sanghamitra Basu, IIT, Kgp.



Ar. Shubhrendu Das, Edifice, Kolkata



Prof. Sanjukkta Bhaduri, SPA, New Delhi



The first session on Smart Cities was chaired by Prof. Abir Bandyopadhyay, NIT-Raipur and the speakers were Prof. Sanghamitra Basu from IIT-Kgp, Prof. Souvanic Roy from IIEST, Sibpur, Prof. Sanjukkta Bhaduri from SPA, New Delhi and Ar. Shubhrendu Das from Edifice, Kolkata. There was enthusiastic participation from the audience.



Day I ended with VC Sir's Dinner at the Guest House of the campus. Former and present faculties along-with past and present students enjoyed the day. Seen in the picture are (L-R) Prof. S. Mukherji, Prof. D.P. Sarkar, Prof. T.K. Bhattacharyya and Prof. S.K. Rakshit sharing a light moment.



The evening came into life through the wonderful performance of the students of the department in the cultural extravaganza that had everything from songs, dance, music performances, extraordinarily choreographed by the students themselves

### **10<sup>th</sup> October 2015**

# Technical Session II: Smart Buildings

The second technical session on Smart Buildings was chaired by Prof. Shubhrajit Das and the speakers were Dr. S.P. Gon Choudury, eminent solar scientist, Ar. Shakuntala Ghosh of Ghosh, Bose & Associates and Ar. Abin Chaudhuri of Abin Design Studio. While Dr. Gon Choudhury explained the potential of solar roof tops as a smart energy solutions for buildings, the architects, who are also the alumni of the dept. showed their way of inducing smartness in buildings through well considered design and planning.



Prof. Shubhrajit Das



Ar. Shakunrala Ghosh



Ar. Abin Chauduri



Prof. Somen Chakraborty interacting with the speakers



Session in progrss

# 10th October 2015

### Technical Session III: Smart Products & Services



Prof. T. K. Bhattacharyya



Ar. Vivek Rathore



Ar. Chandra Banerjee



Dr. Himadri Guha

The third technical session on Smart Products & Services was chaired by Prof. Tapas Kr. Bhattacharyya of our dept. and the speakers were Ar. Chandra Banerjee, former Architect - CPWD, Ar. Vivek Rathore of Salient and Dr. Himadri Guha, eminent Green Building specialist. All the speakers deliberated on the importance of planning and use of smart products & services in buildings 4 case studies.

The participants at ARCHESTRA, the product exhibition were **Godrej & Boyce Mfg. Co. Ltd.**, who were also the PLATINUM sponsors and **Development Consultants Pvt. Ltd.**, the GOLD partners. Other exhibitors were **Johnson Tiles**, **Thar Marbles** and **Capacloud**.



The Two-day National Seminar was finally wrapped up with the Vote of Thanks given by Dr. Sanjib Nag, one of the organizing Secretaries of the Seminar.

# **Exhibitors & Sponsors**



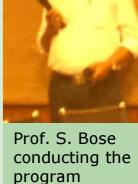


# Industry-institute interface: Everest Group's UG Thesis Award program

Award ceremony with Ar. Rajiv Agarwal & Mr. Manoj Mohota of EIL presenting the certificate

As a part of industry-academia interface, M/s Everest India Ltd. has instituted a special recognition consisting of a plaque and award money for the over-all topper of the B. Arch. Final Yr. This year, Ms. Shinjini Bhattacharjee, the topper of 2014 was awarded and her grandfather received the award on her behalf from Ar. Rajiv Agarwal, the guest speaker of the occasion.

This was followed by a presentation by Everest and Ar. Rajiv Agarwal in an engaging talk with the students. Prof. Shivashish Bose coordinated the program.



19th November

2015

EVEREST
EXCELLENCE

OF University, Kolkata
rember 19, 2015

Presentation by Ar. Rajiv Agarwal



Presentation from M/s Everest

Department Of Architecture, Jadavpur University, Kolkata, W.B. < hod@arch.jdvu.ac.in>

### Teachers' activities

**Prof. Jayita Guha Niyogi** *et al* published a paper titled 'Methodology for Deciding Route-Specific Appropriate Transit Modes Based on Stakeholders' Utility Values: Applicability in Indian Cities' in the Indian Journal of Transport Management, Volume 39, Number 2, Pg. 60-75.

### **Prof. Shivashish Bose** et al published the following papers:

'Informal Settlements in Kolkata: A Study and Discussion', *Spandrel* (Issue 10, Monsoon 2015), pp.91-100.

'Top Floors of Low-rise Modern Residences in Kolkata: Preliminary Exploration towards a Sustainable Solution', *Current Science* (Vol. 109, No. 9), pp.1581-1589.

'Integrated Drainage Water Management for Environmental Improvement in Kolkata', *Journal of Environmental Science & Engineering* (Vol.56, No.4), pp.487-494.

**Dr. Suchandra Bardhan** co-chaired two Sessions (Lighting & Architecture and Aspects of Lighting) at the Lux Pacifica-15 & Lighting India International-15 (LP-15 & Lii-15) Conference on 28<sup>th</sup> Nov. 2015, Hotel ITC Sonar, Kolkata.

Kunal Rakshit of 5<sup>th</sup> Yr. and Sulagna De of 3<sup>rd</sup> Yr. won the First position at The Eastern Interface of 'ARCHUMEN 1516', an architectural quiz contest organized by Ethos, held at NIT Rourkela on 14<sup>th</sup> Oct. 2015.

Debmalya Ghosh of 3<sup>rd</sup> Yr. and Saheli Ghosh of 3<sup>rd</sup> Yr. followed closely as First Runners-up.



Two groups from the department comprising of Komal Shah, Megha Chowdhury & Umang Agarwal of 3<sup>rd</sup> Yr. and Avilash Bardhan & Rinky Haldar of 5<sup>th</sup> yr. won special recognition at the 'Transparence 10.0' – the tenth version of the competition organized by Saint Gobain on the theme of "Social Mass Housing for Smart Cities".

### **Students' achievements**

Students of the Department participated & performed excellently in several national competitions and made the department proud by wining a number of accolades. These are:

- **1. ZoNASA 2015** Zonal First Runner-up + numerous trophies
- 2. ARCHUMEN '1516 Regional Champion & First Runner-up; Natinal First Runner-up & Second Runner-up
- **3. TRANSPARENCE 10.0** Special Recognition received by two groups
- **4. IGBC GREEN BUILDING DESIGN** National Champion
- 5. URBAN INNOVATION CHALLENGE National First Runner-up
- **6. IIA NATCON SDC**, 2015 Jury mention
- 7. URBAN NOMADS National First Runner-up

The string of success in this academic session began with Zonal NASA event at NIT, Rourkela where they won several awards.



# Students' achievements

### **November 2015**



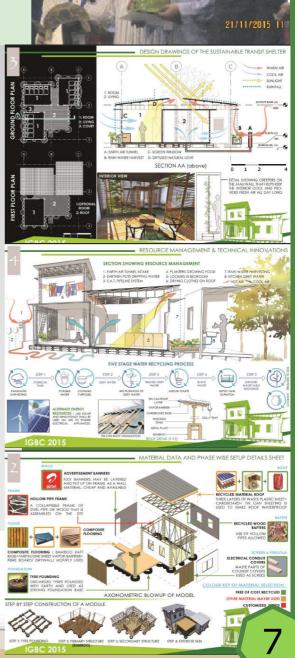
Both the groups repeated their excellent performance at the national platform as well. **Kunal** and **Sulagna** won the **First Runners-up** position while **Debmalya** and **Saheli** became the **Second Runners-up** at the National Final of 'ARCHUMEN 1516' held at Bengaluru on 6th November 2015.



Avilash Bardhan and Rinky Haldar of 5<sup>th</sup> Yr. won the IGBC Green Design Competition on the theme of 'Green Transit Shelters for Construction Workers' and their entry was awarded the FIRST PRIZE by the jury at the Green Building Congress held at Gandhinagar on 21<sup>st</sup> Nov. 2015. The eminent jurors were Ar. Brinda Somaya, Ar. Nimish Patel, Ar. Dhyaneshwar, Ar. Sandeep Vasanth, Mr. Prem C Jain, Mr. Sanjay Goel & Mr. Chandrashekar Hariharan.







### **December 2015**

Rajorshi Chatterjee &
Sayantani Saha of 4th Yr. won
the First Runner-up position in
the URBAN INNOVATION
CHALLENGE competition
organized by Municipalika
2015: 13th International
Conference & Exhibition (9, 10
& 11 Dec.'15) on 'Sustainable
Habitat & Smart Cities' and
received the Award for Excellence
from Ms. Vasundhara Raje,
Hon'ble Chief Minister, Rajasthan.



SOLAR ROADWAYS: THE 9M DIA ISLAND IS TO BE PROPOSED FOR SOLAR ROADWAYS WHICH IS CONSTRUCTED ON THE PRINCIPLE OF LARGE AMOUNT OF HEAT IN THE TAR, BITUMEN AND ASPHALT LAYER LAID ON THE ROADS.

THE LAYER OF TAR BITUMEN ROADS WHICH GETS HEATED UP TO PRODUCE RECTRICITY.

SOURCE OF INSPIRATION:

NETHERLANDS

THE...

VIEWS...

OF THE ISLAND...

REFERENCES: WIXIPEDIA, GOOGLE, SOLAR ROADWAYS (NETHERLANDS)

OZ

The Good Governance India Foundation (GGIF) Municipalika 2015 Urban Innovation Challenge (UIC) sought to identify the next generation of innovative solutions to systemic challenges in the urban areas through the Urban Innovation Challenge.

(Left) Rajorshi & Sayantani receiving the Award from the Hon'ble CM of Rajasthan.

Rajorshi Chatterjee & Sayantani Saha also received Jury Mention for their competition entry at the IIA NATCON Students Design Competition, 2015.





(Top) Sunandan & Shubhra receiving the award;

(Left) Shubhra Paul, Sunandan Paul & Ronit Biswas among other awardees

Shubhra Paul,
Sunandan Paul &
Ronit Biswas of
3rd Yr. won the
First Runner-up
position in the
design competition
'URBAN
NOMADS'
organized by
Arvindbhai Patel
Institute of
Environmental
Design, Gujrat.

# Upcoming events

The Department is planning to organize a Faculty Development Program for teachers of Institutes imparting education in Architecture on 'Glass Architecture and Design' in collaboration with Glass Academy Foundation in February 2016.





### FACULTY DEVELOPMENT PROGRAM

Conducted by Department of Architecture,
Jadavpur University, Kolkata
In association with Glass Academy Foundation