



Integrative Design Solutions

Synergising Design and Performance Aesthetics

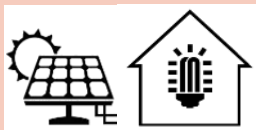
Our Vision : To mainstream sustainability in built environment by not only addressing environment and social viewpoints but also through robust economic cognition

Our Mission

- To provide exceptional services to the built-environment sector while utilizing cutting edge creative design solutions.
- To design and deploy state of the art Renewable Energy systems integrated with the built-environment and allied utilities.
- To support the growth of the rural population through implementation of development activities in the sectors of Agriculture, Education, Healthcare and



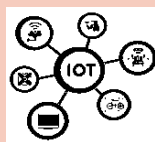
Building Energy Efficiency



Renewable Energy Integration



Rural Development



IOT Based product Development



IDSPL thrives on providing genuine contributions through:

- *Policy development, implementation and advocacy*
- *Research & applied consulting*
- *Knowledge dissemination*

Our Services

Policy Development, advocacy and implementation

Circadian Lighting Design

Building energy efficiency

Green buildings

Low Energy HVAC Design and Peer reviewing

Renewable Energy Integration

Rural Development

Bi/multi lateral sustainable development projects

Full scale commissioning of building services (lighting, HVAC and renewable)

Design, Prototyping and Development of Energy Efficient and Low carbon products

TEAM MEMBERS



Kanagaraj Ganesan, *Director*

Kanagaraj has an experience of more than ten years in the field of Building Energy Efficiency. He is a licensed Architect, Certified Measurement and Verification Professional (CMVP), and Energy Conservation Building Code (ECBC) Master Trainer. He is a post-graduate from the Indian Institute of Technology, Madras in Building Energy Efficiency.

Dr. Manvendra Deswal, *Technical Advisor*

Manvendra has experience in the Smart City Mission of India with CII. He has worked in the urban development sector and contributed in the engagement of international public and private stakeholders for sustainable development of cities



Rajkumar Balasubramaniyan, *Senior Energy Analyst*

Raj has five years experience in the field of renewable energy systems and building energy efficiency. He is a post-graduate from the University of Petroleum and Energy Studies, Dehradun in the energy sector.

Rajendra Bhargava, *Building Energy Simulation Expert*

Rajendra possess knowledge in Energy, Daylight, and Artificial lighting simulations related to buildings. He was involved in multiple sustainability and green building projects to achieve high performance and green building ratings.



Abhilash K Prabhu, *Energy & CFD Analyst*

Abhilash has worked in development of CFD based models in the building energy efficiency domain for IDSPL. He has also supported the implementation of ECBC in Karnataka and 14 other states. He is also well versed with the HVAC system design and product development.

Gayathri NS, *Programme Officer (Sustainable Development)*

Gayathri possess knowledge in Energy, Daylight, and Artificial lighting simulations related to buildings. She has worked intensively in implementation of ECBC in Kerala, Karnataka and 13 other states and UTs in India.



Naga Venkata Sai Kumar, *Building Performance Analyst*

Mr. Naga works on building energy and lighting simulations on multiple platforms. He develops scripts to perform the building data analysis and visualisation. Additionally, he develop tools to ease the simulation based cross-platform operations

Ankit Anand, *IOT Engineer and Procurement Manager*

Ankit has been working with IDSPL in developing Electronic control systems for the electrical and mechanical equipment used in the building comfort solutions. He is well versed with IOT based product development and he also manages the procurement and operations of IDSPL.



Dyutisree Halder, *GIS and Rural Development Consultant*

Dyutishree is an architect & has completed her Masters in Geomatics Engineering. She has experience in Architectural Design, Implementation, Graphic Design and Energy Conservation. She has been working with IDSPL on Sustainable Urban & Rural Development domains

Mukul Sharma, *Full Stack Developer*

Experienced Full Stack Developer with a demonstrated history of working in the information technology and services industry. Passion for building highly polished user experience and scalable products. Strong knowledge of websites Stacks HTML, CSS, JavaScript, NodeJs, Angular and PHP technology



PROJECTS

Policy Development, Advocacy and Implementation

Implementation of “Energy Efficiency Improvements in Commercial Buildings”: project by UNDP-GEF-BEE

Client: **UNDP India**

Implementation of ECBC in 15 states & UTs in India

Client: **AIILSG**

Development of Residential ECBC Part-2 for India

Client: **Adelphi GMBH**

Implementation of Energy Monitoring & Information Systems in Iran

Client: **UNDP Iran**

Development of guidebook on “Energy and Resource Efficiency Measures and Regulations for the Building Sector in Nigeria”

Client: **UN-Habitat Nairobi; March 2018 onwards**

Technical Research & Consulting

Implementation of Near Zero Energy Retrofitting of United Nations House in Delhi

Client: **UN India; June 2017 onwards**

Baseline Scenario for Energy Performance of Residential Buildings in the Cold Climatic Zone of India

Client: **Greentech Knowledge Solutions Pvt. Ltd.; June 2016 to October 2016**

Performed market assessment of External Moveable Shading System (EMSS)

Client: **Swiss ProBlinds; June 2015 to December 2015**

Recognition of Critical Solar Angles for Design of External Movable Shades

Client: **School of Planning and Architecture, Delhi; May 2018 onwards**

Adaptation of 2000 Watt Smart City concept to Indian Context

Client: **Nuesch Development; June 2017 onwards**

Affordable Housing at Avadi, Tamil Nadu and Palgarh, Maharashtra

Client: **Ashok B Lall Architects; 2015-2016**

GN Studio, Greater Noida, Uttar Pradesh

Client: **Matra Architects and Rurban Planners; 2015-2016**

Ireon SkyOn Club, Gurugram, Haryana

Client: **Matra Architects and Rurban Planners; 2015-2016**

Commercial Building Complex cum Hotels Project, Greater Noida, Uttar Pradesh

Client: **Aircon Engineers Pvt. Ltd.; 2015-2016**



Innovative & Inspired Living (I²L)

EnergyPlus pre and post-processing tools

Product First Stage Completed; Stage 2 in Progress

Informatics Station for Energy & Environment (ISEE)

Product under software development;

I-COOLR & COMFORT-IDS, a single stop affordable thermal comfort solution

Product Prototype under testing stage

FASALity - Farming Acceleration through Smart Advisory Facility

Client: Self-initiative; May 2018 onwards

PRODUCTS

OUR CLIENTS



SWISSPROBLINDS®



OUR PARTNERS

nueschdevelopment

FOR BUSINESS QUERIES, CONTACT:

Mr. Kanagaraj Ganesan, Director

Phone: +91-9971041354 || Email: kanagaraj@ids-pl.com

Dr. Manvendra Deswal, Technical Advisor

Phone: +91-9910406740 || Email: deswal.manu2010@gmail.com

Mr. Rajkumar Balasubramanian, Senior Energy Analyst

Phone: +91-8755894952 || Email: rajkumar@ids-pl.com

CONTACT DETAILS

Address:

#369, Metro View Apartments,
Sector 13B, Dwarka,
New Delhi – 110078

Google Map:

<https://goo.gl/maps/VBKzhzNPKwo8drFVA>

LinkedIn:

<https://www.linkedin.com/company/idspl/about/>

www.ids-pl.com