

CEC

**CHARU INFRA ENGINEERING
CONSULTANTS LLP**



AIRPORTS AND STADIUMS



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About Us

We are a team of structural engineers with strong qualifications from India and abroad, dedicated to our profession. Our organization is equipped with the latest software like Etabs, Staad Pro, Hec-Ras, Safe, etc, for achieving the most efficient designs for our clients. All drafting work is done on Autocad. We have relevant experience in steel, RCC and composite structures that are required in these structures for their aesthetics, architectural requirements, geological locations, availability of materials etc.

These kind of structures differ from other residential and commercial structures due to the fact that they demand more aesthetics and architectural detailing. This, combined with the fact that they are designed as important structures with a heavier loading criteria leads to a complicated structural design which we have experience in and are capable to complete in time without delays while maintaining the cost of the project at the same time.

For further details and queries, visit our website – <http://www.cecengg.com/>

Head office – 90/60, First floor, A & B Block,
Malviya Nagar, New Delhi – 110017
Ph - 011-41414796
Email – charuinfra@gmail.com

Regional office – 6/ 15/ A, Sahid Nagar,
1st floor, Kolkata – 78
Ph - 033-24514242

Our Projects

We have experience in large spans RCC, steel and truss sections used in most airports and stadiums and ensuring safety of the structure in terms of seismic loading, deflection criteria among a variety of other considerations. Some relevant projects are mentioned below.

AIRPORTS AND STADIUMS

1. RENOVATION/ EXPANSION OF CHENNAI AIRPORT CONSISTING OF LONG SPAN STEEL STRUCTURES WITH VARYING CROSS SECTIONS
2. CHENNAI METRO STATION-AAI, 2,50,000 Sqft
3. VADODARA AIRPORT-AAI
4. MOHALI HOCKEY STADIUM – OFFICE OF EXECUTIVE ENGINEER, PED (B & R) MOHALI, LONG TRUSS CANTILEVER STRUCTURE.
5. PARADE GROUND KATGODAM – CRPF
6. RIVERSIDE DEVELOPMENT WORK INCLUDING CANOPIES, TENSILE STRUCTURE, STP AND RAIN WATER HARVESTING at DHOLERA



Chennai airport during Construction



Long span trusses



Chennai airport after completion

MOHALI STADIUM BEFORE EXECUTION



MOHALI STADIUM AFTER EXECUTION





Tensile Structure

Some relevant certificates -



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

No.AAI/CAP/DGMEC-I/DTB/2012/

Dt. 29.06.2012

TO WHOMSOEVER IT MAY CONCERN


This is to certify that M/s. Charu Engineering Consultants, having office at JE-9, Khirki Extension, 106-107, 1st floor, Malviya Nager, New Delhi is the Structural Designer, for the Chennai Airport Expansion Project. The New Domestic and International Terminals spread across 1,33,000 Sqm including basement and the cost of the project is approximately 1200 Crores.

M/s.Charu Engineering Consultants has carried out the complete structural design for the Project and same is executed satisfactorily.

The following are the main components of the project work.

1. Domestic and International Terminal Building with structural steel trusses of 55mt. span and kalzip roofing.
2. Central Substation building.
3. Elevated corridor (approx. one km length) with both pre-tension and post-tension girders.

This certificate is being issued on specific request of M/s.Charu Engineering Consultant and without prejudice to the rights of AAI in any manner.


(Vasanthi Suresh)
Dy. General Manager (Engg-C)-I

वासन्ति सुरेश
उप महा प्रबंधक-इंजि (सिविल)
VASANTHI SURESH
Deputy General Manager (Engg - Civil)
भारतीय विमानपत्तन प्राधिकरण
Airports Authority of India
चेन्नै विमानपत्तन परियोजना
Chennai Airport Project
चेन्नै-६०० ०२७/Chennai-600 027

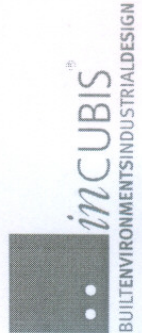
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GME(C)-II-22560027, GM(Fin)-22560537

चेन्नै विमानपत्तन परियोजना, चेन्नै - ६०० ०१६
Chennai Airport Project, Link Building, 2nd Floor,
Chennai Airport, Chennai - 600 016.

11 March 2014

Mr. D. P. Adhikari
Charu Engineering Consultants
New Delhi.

COMPLETION CERTIFICATE
INTERNATIONAL HOCKEY STADIUM, MOHALI



Dear Mr. Adhikari

We would like to take the opportunity to thank you for the successful completion of the Project completed for Public Works Department, Government of Punjab.

The effort put in to provide a viable structural design solution for the RCC visitor stands with piling and foundation works and the 100m x 30m balance cantilever for the main canopy made in pre-fabricated MS tubular sections with pin joints have been appreciated by all.

The project has been completed in approx. 18 months and was inaugurated by the Chief Minister of Punjab in September 2013.

We look forward to continue our ongoing association.

Thanking you,

Yours Sincerely,

for INCUBIS CONSULTANTS (India) Private Limited

Y.P. Gulati
Chairman & Director



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