

**KRISHNA KUMAR ATHISEKARAN PE CEng(India) , C.Struct.Engg, M.I.Struct.E , MIE.**

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**Previously hold S pass and dependent pass**

*Reference : Mr.Tan chee hean ,Director*

*P&T consultants pte.ltd.*

*Contact: +65 96816587*

### **SUMMARY:**

- Around 14+ years of experience in civil & structural engineering.
- Structural design experience in concrete, structural steel, post tension, precast and composite design.
- ETABS, SAFE, SAP, RAFT, MIDAS, PROKON, STADDPRO, REVIT, AUTOCAD, PRIMAVERA and PLAXIS.
- Design experience in Residential Apartments, Hotels, Office buildings, IT parks, airport building etc.
- Design structures using Euro code, ACI, IS code, BS, UBC, IBC, QCS.

### **MEMBERSHIP AND OTHER CERTIFICATION:**

- Professional engineer (PE Civil), India.
- Chartered engineer, India.
- Chartered Structural engineer, India.
- Internal ISO9001, ISO18001, OSHAS auditor, Singapore.
- Member institution of engineers, India.
- Member institution of structural engineers, India.

### **PROFESSIONAL EXPERIENCE & PROJECTS:**

**M/S. Gatkas Civil & structural Engineers Pvt. Ltd., India. (From Feb. 2020 to Dec 2021), Technical & Managing Director**

1. Server Rack design using cold formed steel members, Bangalore, India
2. B+G+5 Residential cum office building, Patna, India
3. B+G+2 Commercial complex at Hazaribagh, Jharkhand, India
4. G+4 Residential building, lakasandra, Bangalore, India-Foundation design only
5. G+6 Commercial building, Balepet ,Bangalore, India.

**M/S. P & T consultants pte ltd, Singapore**  
**Senior Structural Design Engineer**

**From January 2018 to October 2019**

1. Structural design for proposed residential development comprising 3 blocks of 38-40 storey building (total 1259 units) with 1 childcare centre, 3 level basement carpark, swimming pool and communal facilities at Stirling Road (Queenstown Planning Area)
2. Preliminary sizing for proposed residential development comprising of 1 tower of 24-storey flat apartments (total 88 units) with landscape deck, common basement carparks and communal facilities at Orchard Boulevard (Orchard Planning Area)
3. Preliminary sizing for proposed change of use and alterations and additions works to existing WilkieEdge.
4. AC checking for Proposed erection of a 38-storey office development with 3-storey basement carpark, 3-storey podium and roof garden at Cecil Street / Telok Ayer Street (Downtown Core Planning Area)
5. AC checking for proposed mixed use commercial & residential development comprising 2-storey shopping podium, 3 basements with carparks, 11 blocks of 11-storey residential flats (667 units) with swimming pool and communal facilities, commercial bridge with airspace across Bidadari Park Drive, airspace / subterranean connections to Woodleigh Village & integrated with community club & neighbourhood police centre at Upper Aljunied Road / Bidadari Park Drive (Toa Payoh Planning Area)
6. AC checking for underground pedestrian link & AEI at Causeway Point – proposed alterations & additions to existing 7-storey shopping / entertainment complex with 3 basements (comprising 2 basements carpark & 1 basement commercial uses) at 1 Woodlands Square

**M/S. Meinhardt singapore pte ltd, Singapore.**  
**Senior Structural Design Engineer**

**From Dec 2015 to Jan 2018**  
**From June 2013 to July 2015**

1. GHIAL Rajiv Gandhi international airport expansion , Hyderabad , India. Ground+2 storey + roof. Pad footing. Beam slab system adopted. IS code . Using BIM. Schematic design. 9 by 9 bay size. Airport Expansion includes two piers of length around 300m and width around 38m on both side of existing terminal building.
2. Real estate design and consulting service for Qatar rail , Hamad hospital site, Doha , Qatar. Zones ranging from A1 to A4 . A1 got 4 basement, A2 got 3 basement, A3 got single basement 2 basements. All tower got typical floor of 17 storey + roof residential development. Raft foundation. Beam slab system at all levels. A2's Typical floor loads are transfer at 2nd storey above metro station box. 28m long PT transfer beam is used. Loads are transfer back to station wall. Euro code , QCS2014. Using BIM.
3. Green land stage 2 residential development Iskandar water front blk 1 tower 1 and 5.40 story + roof. Pile foundation. Flat plate with perimeter beams. etabs modelling . BS code.

4. Alexandra view, Singapore. 2 Basements + 44 storey residential development. Piled raft foundation. Typical floor loads are transfer at 5th storey. Flat plate system is adopted. Euro code.
5. New international Doha airport, Doha. Basements + level 0 to level 5 + roof 1.2km long and 80m width building With bay size of 15m by 8m, 23 link bridges, 3 tunnels 22 m width, Raft foundation and pile foundation. ACI, IBC code. Using BIM. Basement, column, firewall design.
6. Aspire mall, Doha, Qatar. 2 basements + Ground + 2 storeys. Expansion joint (100mm) at every 60m, dividing the building into 7 individual storeys above the ground level, earthquake design based on UBC. PT beam and slab system. Retaining wall. Raft foundation with tension piles. ACI, UBC code. 9 by 9 bay size.
7. City centre, Najma, Doha, Qatar. 4 Basements + Ground + 4 Storey podium (shopping area) + 7 storeys Hotel. Expansion joints (100mm) at every 60m, dividing the building into 6 individual storeys above the ground level. Earth quake design based on UBC. PT beam, Rc Slab and flat slab system at basement carpark. Permanent SBP wall, Raft foundation with tension Pile. ACI, UBC code .9 by 9 bay size.
8. Assisi hospice, Singapore. Basement + 6 storeys. Beam, Slab and flat plate system. Permanent SBP and retaining wall. Pile foundation. Using BIM. BS code.

**Wrx consultant pte ltd. Singapore**  
**Structural engineer**

**From 27 July 2015 to 14 aug 2015**

**M/S. P & T consultants pte ltd, Singapore**  
**Structural Design Engineer**

**From November 2011 to May 2013**

Accredited checking projects (AC coordinator)

1. West gate: Proposed erection of a 25-storey commercial building comprising offices, 1 basement & 4 storey retail, 2 basements at Boon lay way
2. Condominium development comprising 4 blocks of 18 storey residential units, 2 blocks of 16 storey residential units with 2 basements at upper Serangoon view
3. warehouse building comprising 5 levels of flatted warehouse (Total 73 units) at old Toh tuck road
4. Water town: Residential/commercial development comprising 11 residential blocks of 11, 12, 13 & 14 storey (Total 992 units) with 5 storey basement at Punggol central/Punggol walk
5. Condominium housing development comprising of 3 blocks of 5 storey with an attic residential flats (Total 172 units) at Toh tuck drive ( Bukit timah planning area)

6. D'leedon: Condominium development comprising 7 blocks of 36 storey residential flats (Total 1703 units) & 6 pairs of part 2/part3 storey strata semi-detached houses (12 units) at King's road/Leedon heights/Farrer road

Design projects

7. MTB 2 building Bangalore,India.Pad and combined footing design only

**M/S. Ecas-Ej consultants pte ltd, Singapore**

**Structural Design Engineer**

**From September 2010 to October 2011**

Accredited checking project

1. Condominium housing development comprising 1 block 45 storey residential building (total 373 units) with 2 basement car park, swimming pool and club house facilities at Alexandra road (bukit merah planning area)(S\$150 million)
2. Residential apartment (total 53 units) with 5 storeys,attic, roof terrace, mechanized car park, open car park and swimming pool at 18 lorong 102 changi (geylang planning area) (S\$4 million)
3. MD1 comprising of 17 storeys with basement for yong loo lin school of medicine with in national university of Singapore at 10 kentridge crescent (S\$153 million)

Design projects

4. Residential building with 18 storeys,basement car parks, swimming pool and recreational facilities at carinhill rise (Newton planning area)

**M/S. Buro Engineers (I) Pvt. Ltd., Chennai, India**

**Structural Design Engineer**

**From July 2007 to August 2010**

1. Sky villas - Residential apartment for M/s Olympia Infratech Pvt. Ltd. at OMR road, Navallur, Chennai, India. Basement + Ground + 18 typical floors.Built up Area: 1, 18,810 Sq.ft,Retaining wall, Bored Pile foundation.
2. MFar Hotel for M/S MFar Hotels Ltd., at Velachery, Chennai, India. Three Basement floors, Ground floor, first floor, two mezzanine floor, service floor, eight typical floors having 250 guest rooms. Built up Area: 3, 80,000 Sq.ft,earth quake design based on IS code.Retaining wall, Pad and combined footing over hard rock.

3. Opaline [Block-F and Block-G] - Residential apartment for M/s Olympia Infratech Pvt. Ltd. at OMR road, Navallur, Chennai, India. Basement + Ground + 19 typical floors. Built up Area: 2,91,920 Sq.ft, earth quake design. Retaining wall, Bored Pile foundation.
4. Classic Crown- Commercial building for M/s Classic Promoters, Chennai, India. Ground with three Floors. Built up Area: 12,080 Sq.ft., Bored Pile Foundation.
5. Sez Park for Tapp semi conductor India (P) Ltd. - Office building for M/s Olympia Infratech Pvt. Ltd. at sriperumbudur, Chennai, India. Ground with first floor. Built up Area: 59,410 Sq.ft, Pad and Combined footing

### **TECHNICAL QUALIFICATION:**

**Bachelor of Civil Engineering from Anna University, India, April 2007.**  
**MBA Alagappa university India. DDE , August 2017**

### **PERSONAL INFORMATION:**

Marital Status : Married  
Nationality : Indian  
Date of birth : 21 May 1986  
Passport No : Z6220234  
Passport valid up to : 22-03-2031  
Address : #01-418, blk 391 , Bukit Batok west Ave 5, Singapore 650391.

**Yours,**  
**Krishna kumar Athisekaran**