CADD CENTRE
Driving Digital Designs!

BOOK POST

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JOB Opportunities

Division	Location	Job Title	Vacancies	Requirement Summary	Experience
One Channel	Chennai	Technical Head	1	A civil candidate with min5+ yrs exp in products from Autodesk/ Bentley/ Oracle/ Primavera/ Etabs. Also mandate exp in Building Design, BIM and 360 degree cloud applications. To Provide Training and Implementation services in India and abroad & to develop AEC curriculum.	5 - 10 years
Livewire	Chennai	Software Engineer (Faculty)/BE/B.Tech/ M.Tech)	1	Faculty with 2+ yrs exp with sound knowledge in C, C++ & Phython languages / willingness to travel /Male candidates preferred.	3 - 5 years
Dreamzone	Chennai	Product Manager	1	Fashion design with 2 + yrs of exp/ handson fashion design softwares. Franchise support / Should be willing to travel / Male candidates preferred.	2 - 3 years
CADD Centre	Chennai	Executive	1	Kannada speaking female graduates required for quality assurance. Need to be fluent in either of the mentioned languages.	Nil
CCTS / Synergy / DreamZone	Bangalore	Executive - Business development	4	Male candidates only / Institutional sales / Must be willing to travel / two wheeler must.	0 - 4 years
CADD Centre	Hyderabad	Executive / Manager- Network Expansion	4	Male candidates only / Franchise management & Expansion / Must be willing to travel /Should have a two wheeler	0 - 4 years

Interested candidates please send the CV to : priyanka.hr@caddcentre.com

** Dreamzone, Synergy, Livewire and One Channel are divisions of CADD Centre.*

CADD CENTRE
www.caddcentre.com

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MONTHLY NEWSLETTER your CAD / CAM highway

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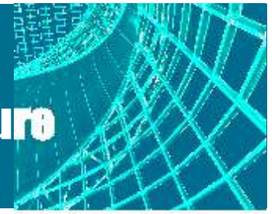

Specifically built for Building Information Modelling (BIM), Revit empowers construction and design professionals to bring ideas from concept to construction with a coordinated and consistent model based approach. Revit Software delivers BIM tools for architectural design, MEP Engineering, Structural engineering and construction, enabling coordination between various disciplines.

All software tools and programs always have requests to improve to bridge efficiency or technical gaps. With Revit 2015, Autodesk took note on all the feedbacks and acted on those, making Revit a version the users will be pleased to have. Following are some of the significant changes Autodesk took to reform Revit 2015 for Architecture.

Visualization Improvements

Sketchy Lines- This is a most awaited feature of Revit 2015. Revit can now, in all views, replicate the effect of hand sketching. Users will be able to set the jitter and extension controls with simple clicks to soften the appearance of the Revit Model for situations where a subtler image is needed.

Anti-Aliasing- Revit 2015 has been improved to remove the jagged lines you always hated. The new Revit 2015 allows all the views to use this feature and this works in an amazing manner.

Family Parameter Improvement

Tooltips- Many times Rivet experts create complex families and define parameters that control these families. Unfortunately, most Revit users are not supervised by their BIM Managers helping them understand how or what each parameter is doing. With Revit 2015, users are now provided with notes on each parameter defining how it works and how it should be used.

Scheduling Improvements- Schedulers in Revit are powerful tools to manage, display and quantify Building Information with quality control elements in the model. Now users can directly import images into Revit Content using Image Type (Type Parameter) & Image (Instance Parameter). These parameters are useful for either loadable families like furniture, light fixtures, etc. or system families such as floors, walls, ceilings, etc.

Usability Improvements

Multiple Trim/ Extend Selection-In the previous versions of Revit tool, made users select individual items to extend or trim while using Trim/ Extend tool. Revit 2015 now allows users to select all the elements using a window that needs to be extended.

Revision Cloud Improvements- With the previous versions of Revit, the task of drawing revision cloud was a work full of hassle with all the clicking required to place each arc segment. Revit 2015, now allows users to use the basic drawing tools, including lines, arcs, eclipses and rectangles to quickly define boundaries for the Revision Cloud.

Tag Behavior- Users began to rely heavily on tagging elements as Revit experienced improvements in the past. The previous versions of Revit had a tedious method to tag elements, catering to that, Revit 2015 has introduced tag leaders that behave like text. The angled segment adjusts automatically while moving them in views to the tag's placement.

These are some of the new improved feature sets that are incorporated in Revit 2015 keeping in mind the reviews and feedbacks and requests from the active Revit users. Hopefully these changes will greatly impact all Revit users making their workflow better.

Booming Infrastructural development is turning Geotechnical Engineering one of the most highly paid, Easy- entry and In-Demand Job

Geotechnical Engineering deals with engineering activities of earth and materials. Being a part of civil engineering, it is also used across industries such as petroleum, mining, or any other engineering activity related to construction.

As every building needs a foundation, Geotechnical Engineers are always in a great demand wherever there is a construction project carried out. Geotechnical needs should be integrated with construction and architecture activities during a construction project as these methods proposes the civil engineers to lay firm foundations for the building making them strong against any or every threat.

Geotechnical Engineering is the science that explains the mechanics of rock and soil and its applications for construction purposes. It includes the analysis, design and construction of foundations, structures, buildings, slopes retaining structures, embankments, tunnels, roadways, levees, landfills and wharves and other systems that are made of, or supported by soil and rock.

Challenges that Geotechnical Engineers face

Civil engineering is constantly striving to build bigger and bigger structures; Geotechnical engineers constantly develop new techniques to make the underlying ground support for those structures. Longer and higher bridges carrying traffic, skyscrapers and huge buildings, all these are structures that need a firm support to withstand all natural environments, traffic and natural disasters.

New challenges in foundation designs are yet to be faced as mankind is moving forward with long tunnels, higher bridges, speeding highways and more skyscrapers and all this achievement can only be attained having high technically trained professionals.

With all these civil engineering futures, there will and always been a greater need for a Geotechnical engineer. This is a field that will seek innovation with a solid engineering background.

Career Requirements

Students and individuals seeking a career in the field of Geotechnical Engineering can attain high goals possessing requirements such as:

Degree Requirement- A bachelor degree, although some employers prefer a graduate degree in Civil Engineering.

Entry Level Work- A study about the basic structures is carried out at entry level before moving towards more detailed Geotechnical engineering. The candidate, after graduating, work with the CAD software to design and test structural models for construction purposes. The candidate also takes soil and rock samples to analyze and develop Geotechnical reports to receive construction specifications.

Gain Experience- As the new hired candidates gain experience, they are assigned more complex projects. As they gain expertise, they'll become a lot of concerned in complicated comes. Geotechnical engineers might analyze specifications for bridges, develop support systems for tunnels and assess property problems for dams.

Attain a License: All the firms need engineers to be authorized, whereas necessities vary by firms, licensure typically includes finishing associate degree, licensed engineer program, showing four years of documented work expertise and clearing a state examination.

Faculty graduates could contemplate taking a state - licensing examination on the basics of engineering. Those that pass the examination area unit are remarked as engineers-in-training (EITs).

Job Prospects in India

There is a vast demand for civil engineers in India and it's conjointly expected to induce a lift because the country is now empowered to upgrade its infrastructure with an increase in economic and political clout within the world. The career opens plenty of opportunities across various government departments.

There are square measures open equally smart opportunities within the personal sector for civil engineers. A significant gap for qualified civil engineers is additionally in the defense force wherever they will build important contribution to the protection of the country.

Image Courtesy: www.subwaybaby.dj

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Geotechnical Engineering with CADD Centre

CADD Centre is offering a variety of certifications and courses under its various programs for Geotechnical Engineers to shine their career in the field of civil engineering and Geotechnical engineering. Courses are offered in various combinations as well as standalone versions of world's most popular CAD/CAE software products such as AutoCAD, Revit Architecture, Revit MEP, 3ds Max, etc.

CADD Centre's Master diploma programs are offered with an addition course on concept in project management and planning. CADD Centre offers courses such as Master Diploma Program, Professional Program, Diploma Program as well as Standalone Versions.

CADD Centre also offers trainings and certifications for AutoCAD civil 3D software which is an engineering design and documentation solution which supporting Building Information and Modelling work flows. With all these civil engineering futures, there will and always been a greater need for a Geotechnical engineer. This is a field that will seek innovation with a solid engineering background.

MX Road is another program which candidates learn to build rapid and accurate designs for all types of roads. It is widely used by Civil and Geotechnical engineers and storm drainage/ water/ sewer system designers for accurate and specialized assistance across projects.

The CADD Centre helps candidate's master features of Civil 3d which is one of the most important software solutions for Geotechnical Engineering purposes:

DESIGN

Design concepts are built for corridor designs, gravity pipe networks, pressure pipe networks, bridge modelling, rail track layout, etc.

ANALYSIS

For advanced mapping functionality, using a dynamic model and developing civil design models and visualizations analyzing soil and rock formations.

DOCUMENTATION

These certifications not only master candidates in designing the structures for constructions or doing environment analysis, but also, they will master the art of proper formal documentation.

These certifications and courses will help candidates create professional structures, helping turn their ideas into an actual design. They help to produce detailed plans to aid obtain municipality approvals for subdivisions and land developments.

As a developing country, India has witnessed a rapid growth in the economy, and with this, the construction industry has brought cheers to youth seeking to build a career in Civil and Geotechnical engineering making its infrastructure more vibrant.