

ANNOUNCES



Crafting Careers:
KU - CIDC CERTIFICATE
PATHWAYS

About Construction Industry Development Council (CIDC)

The Construction Industry Development Council (CIDC), has been set up jointly by the Planning Commission, Government of India and the Indian construction industry. We are an umbrella organization for the construction industry in India and have a national presence with branches across the country.

We undertake a wide range of activities to benefit the construction industry. This includes conducting training at various levels, organizing workshops and conferences, publishing journals and newsletters, welfare programmes for construction workers, grading, placement and so on.

The contribution of CIDC to the country's growth has been recognized by various leaders and we are the recipients of the prestigious Golden Peacock National Training Award 2008.

We are working towards making the Indian construction industry more professional and competitive. We also have commitment to the larger interests of society and the nation.

About Kalinga University(KU):

Kalinga University, Raipur has emerged as a centre of excellence of higher education in Central India. Strategically located in the Smart City of New Raipur, this University has started carving a niche for itself in the education domain and is rising as a shining star on the horizon of quality education.

Establishment -Established in 2013, this University has been able to win the confidence of over 12000 students. Meritorious students from all over the country and various foreign countries like Afghanistan, Angola, Bangladesh, Cameroon, Gambia, Ivory Coast, Kenya, Lesotho, Liberia, Malawi, Namibia, Nepal, Nigeria, Papua New Guinea, South Sudan, Swaziland, Tanzania, Uganda, Zambia and Zimbabwe etc. have chosen this University for their education and career.

Schools of Excellence - Currently the University is serving the student community through various schools offering UG and PG programs namely Arts & Humanities, Biotechnology, Commerce & Management, UX Design, Engineering, Fashion Design, Information Technology, Interior Design, Journalism & Mass Communication, Law, Library Science, Pharmacy, Science, Education and Yoga. It also has a centre for Doctoral Research Programmes in various fields.

Academics and Faculty-All schools are headed by senior professors having excellent academic credentials and experience of teaching, publications and research. They are ably supported by the well qualified faculty members who come from top educational institutions and the Industry. Students also get an opportunity to learn from a distinguished panel of experts drawn from various industries, who regularly come for guest lectures.

Industry Orientation and Leadership-Industry interaction is an integral part of the curriculum and industrial visits, internships on live projects and mentoring by the Industry leaders are regular features. The University has developed excellent connections with the top Industries of the region by taking memberships of leading industrial associations like Confederation of Indian industries, PHD Chamber of Commerce and Industry, Federation of Indian Chamber of Commerce and Industry, Indian Importers Chamber of Commerce and Industry, etc. The University has an active chapter of Young Indians in which students get an opportunity to interact extensively with the Industry leaders and attend various corporate seminars and events.

KU - CIDC CERTIFICATE IN

■ GENERAL CONSTRUCTION MANAGEMENT

■ BUILDING CONSTRUCTION MANAGEMENT

■ HIGHWAY CONSTRUCTION MANAGEMENT

Programme Overview:

KALINGA UNIVERSITY(KU) Jointly with **CONSTRUCTION INDUSTRY DEVELOPMENT COUNCIL (CIDC)** offers a unique certification program designed to bridge the gap between academic knowledge and practical application in the field of civil engineering. Recognizing the growing need for hands- on experience in tandem with formal education KU- CIDC's Certification Pathways have emerged as a valuable asset for students seeking to bolster their academic pursuits with real-world insights:

Current Academia-Industry Gap:

In the realm of civil engineering, the academia-industry divide has been a longstanding concern. While educational institutions equip students with theoretical knowledge, there often exists a disparity when it comes to the practical application of these concepts KU- CIDC's Certification Pathways addresses this issue head-on by providing a platform for students to actively engage with industry professionals and gain invaluable experience on live projects.



Industry Snapshot:

Construction sector in India will remain buoyant due to increased demand from real estate and infrastructure projects. India is estimated to be third largest construction market globally by 2030, with its contribution to GDP increasing to 15% by 2030. Size of the India's construction industry expected to be USD 1 trillion by 2030 Today construction sector is second largest employer in India and is poised to become the largest employer by 2030 employing more than 75 million peoples 650 Billion investments in urban infrastructure estimated over next 20 years Identification of 99 Smart Cities, having an outlay of USD 31.38 billion India's real estate market is expected to reach a market size of USD 180 billion by 2020 (Source: <http://www.makeinindia.com/sectors>)The future of young civil engineers is very bright seeing the growth prospect of the construction sector in the country. Infrastructure is the top most priority of the Government of India. In recent times Government of India has launched massive infrastructure projects like Toilets for all, Housing for all, 100 Smart Cities, National/ Express Highways, Dedicated Freight Corridors, Rapid Rail Transport System, Capacity building of Aviation Sector besides large number of Buildings and Bridges. The next decade is going to witness phenomenal growth in Construction Infrastructure leading to unprecedented demand of competent (Technical and Managerial) construction professionals at all level. This period is going to be the moment of reckoning for the construction industry to demonstrate its managerial. Financial and technical prowess to establish new benchmarks in Construction Management, Construction Quality, imparting value addition to its products and services in all spheres of construction/infrastructure.

Learning outcome:

It is an acknowledged fact that there are significant gaps amongst the fresh diploma/ degree engineering students to enable them to get suitable jobs. This series of certificate programs would help all the participating students to acquire knowledge & skills to align their academic understanding for practical purposes.

The major benefits would be:

- Improved interpersonal skills.
- Better understanding of domain (building, highways, underground construction & construction management) knowledge.
- Opportunity to know about industry functioning.
- Opportunity to network with industry experts.
- Opportunity to visit live projects to further strengthen field application of their education.
- Enhanced placement opportunity.

Advantages:

- Short duration certificate program on specific aspect of Construction/Infrastructure.
- Three months online interactive learning clubbed with live project visit & face to face interaction.
- Certificate courses are industry specific and application based.
- Faculties are senior practicing professionals.
- Any civil engineering student (2nd year to final year) can join this program Simultaneously with their degree program from the comfort of their homes.
- Regular assessment of learning and feedback on weak areas:
- Opportunity for networking with industry.
- Placement assistance for final year students.
- Fulfills the requirement of mandatory internship.
- Most reasonable fee structure





Programs on offer (Duration- 03 months each):

KU-CIDC CERTIFICATE IN GENERAL CONSTRUCTION MANAGEMENT (CCGCM)

This three months course would be helpful for the civil engineering students to learn and acquire the desired knowledge on basic fundamentals of Construction Management. The course is designed to cater specific knowledge which is practiced while implementation of construction projects in India. There is a provision of face to face interactions & site visits to witness and strengthen the understanding made during the online interactive sessions. The course would broadly cover following topics:

| S.No | Course Name | Subject Code | Subject Name |
|------|-------------|--------------|---|
| 1 | CC-GCM | CC/GCM/01 | Project Management Systems & Techniques |
| | | CC/GCM/02 | Project Planning and Monitoring Software's, Latest Software's for Quantity Surveying |
| | | CC/GCM/03 | Construction Economics, Risk Management and Insurance Construction Financial Management |
| | | CC/GCM/04 | Construction Value Engineering Construction Equipment Management |
| | | CC/GCM/05 | HR Management in Construction Project Formulation and Appraisal |
| | | GCM/PW/01 | Project Work |

KU-CIDC CERTIFICATE IN BUILDING CONSTRUCTION MANAGEMENT (CCBCM)

The construction of buildings are one of the important and substantive area of civil engineering. Needless to mention that there are lot of new technologies being practiced in India to ensure better quality and saving on time besides ensuring no accidents at site. The students who wish to pursue their career in building construction sector would be immensely benefited from this course as this would train them on each and every aspect of modern building construction practices. The course would broadly cover following topics:

| S.No. | Course Name | Subject Code | Subject Name |
|-------|-------------|--------------|--|
| 2 | CC-BCM | CC/BCM/01 | Terminology In Building Construction, Executive of high rise buildings |
| | | CC/BCM/02 | Pre Cast Building Technology and Logistics Management, Management of Industrial Structures and Composite Buildings |
| | | CC/BCM/03 | Pre Engineered Building Construction, Green Building Technologies and Regulatory Provisions, integrated Building Management System |
| | | CC/BCM/04 | Repairs, Retrofitting and Management of Existing Buildings |
| | | CC/BCM/05 | Management of Sports and Commercial Buildings |
| | | BCM/PW/01 | Project Work |



KU-CIDC CERTIFICATE IN HIGHWAY CONSTRUCTION MANAGEMENT (CCHCM)

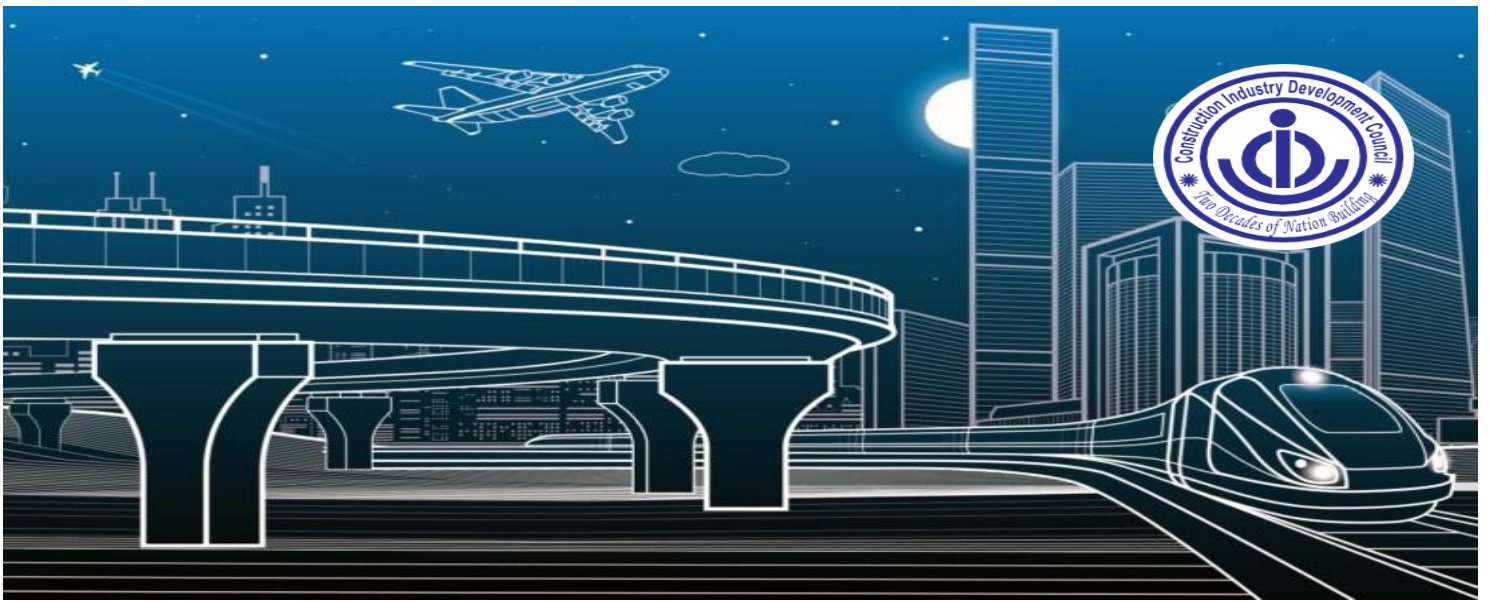
It is an acknowledged fact that without the robust physical Infrastructure no country can survive and maintain economic growth, India being one of the fastest developing countries has major focus on developing the Highways and Express Highways connecting all parts of the country. The focus on Development of Roads and Highways and committed investment has given rise to demand of large number of Highway Professionals and this particular course has been designed to cater these emerging requirements. The students who wish to pursue their career in Roads and Highway sector would be immensely benefited from this course. The course would also help them better understand their prescribed course on transportation engineering. The broad topics covered in this course are:

| S.No. | Course Name | Subject Code | Subject Name |
|-------|-------------|--------------|--|
| 3 | CC-HCM | CC/HCM/01 | Interpretation of Different types of Roads and Highway Contracts, Specifications ad & drawings |
| | | CC/HCM/02 | Managerment of State and National Highways |
| | | CC/HCM/03 | Technology and Management of Express Highways in India |
| | | CC/HCM/04 | Latest Technology in Elevated Roads and Underpasses |
| | | HCM/PW/02 | Project Work |

KU- CIDC CERTIFICATE IN UNDERGROUND CONSTRUCTION MANAGEMENT(CCUCM)

Underground construction projects, particularly those in urban areas, ostensibly experience more significant problems than other infrastructure projects. In many underground projects, technology is more challenging than in other infrastructure projects, increasing the chance of failure. Moreover, in underground projects the consequence of eventual failure is often more profound than in other projects, increasing the overall consequences of failure. As a result, underground projects have a reputation for being risky because they are susceptible to implementation problems. Society's growing demand for space, however, makes us heavily dependent on underground space to satisfy contemporary spatial claims. The students who wish to pursue their career in any kind of construction/ Infrastructure projects would be immensely benefited from this course. The broad topic covered in this course are:

| S.No. | Course Name | Subject Code | Subject Name |
|-------|-------------|--------------|--------------------------------------|
| 4 | CC-UCM | CC/UCM/01 | History of Subsurface Development |
| | | CC/UCM/02 | Planning the Use of Subsurface Space |
| | | CC/UCM/03 | Design of Underground Structures |
| | | CC/UCM/04 | Underground Construction Management |
| | | UCM/PW/01 | Project Work |



Program Delivery Mechanism:

The program entails a comprehensive delivery mechanism incorporating various elements.

1. **Online Lectures:** Industry experts will deliver technical inputs through a series of online lectures spanning approximately 40-45 hours.
2. **Face-to-Face Sessions:** There will be two full-day face-to-face sessions, conducted at a convenient location designated for registered students, organized regionally.
3. **Site Visit:** A one-day site visit will be arranged, guided by experts from CIDC, offering participants practical exposure to real-world scenarios.
4. **Performance Evaluation:** Following each session, participants will undergo a performance evaluation to gauge their understanding and progress. This feedback loop ensures optimal learning outcomes.
5. **Final Assessment:** To culminate the program, a final assessment will be administered, leading to the coveted CIDC certificate upon successful completion.

This structured approach combines online learning with hands-on experiences, ensuring a well-rounded educational experience for all participants.

Program Fee:

Rs. INR 21,240/- (Including 18% GST) per certificate course of three months.

Full fee has to be paid at the beginning of the course to confirm the admission.

The cost on travel and living for attending face to face session & site visit has to be borne by the students.

FOR ONLINE REGISTRATION:

<https://forms.gle/fzYzFD6mm5JrijWB6>



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