



MONAD UNIVERSITY



**CONSTRUCTION INDUSTRY
DEVELOPMENT COUNCIL (CIDC)**

Certificate, Advance Certificate & Poly Diploma Programmes in Vocational Studies

(based on industry needs & requirements)

Jointly offered by

MONAD UNIVERSITY, HAPUR

(Established by Uttar Pradesh State Government Act. 23 of 2010 & U/S 2(f) of U.G.C. Act 1956)

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CONSTRUCTION INDUSTRY DEVELOPMENT COUNCIL

(Established by the Planning Commission (Niti Aayog))

Monad University, Hapur (MU)

Monad University, Hapur (MU) is an autonomous body promulgated through an Act No.23 of 2010 of the Government of Uttar Pradesh. This has been published in its Official Gazette on October 12, 2010. A letter of authorization from the Government of Uttar Pradesh has also been issued on dated January 11, 2011. Subsequently, Monad University has come into existence and has started its operations. The University is further recognized by the UGC under u/s 2(f) of the UGC Act 1956.



- The Monad University is a member of Association of Indian Universities.
- The Monad University is approved by the Bar Council of India (BCI).
- The Monad University is approved by the National Council of Teacher Education (NCTE), Govt. of India.
- The Monad University is approved by Council of Architecture (COA).
- The Monad University is approved by the Pharmacy Council of India (PCI).

Construction Industry Development Council (CIDC)

Construction Industry Development Council (CIDC) was established in 1996 by the Planning Commission (Niti Aayog), Government of India along with the Indian Construction Industry & NSDC partner as the apex organization to professionalize the functioning and monitor the construction activities. CIDC has done substantial work in promoting skill up-gradation of construction personnel in addition to procedural, bureaucratic and technological changes in Construction Industry. CIDC has been the catalyst of change and has accelerated the process of self-reform that shall enable the industry to answer the challenges of the future.



Objectives of Vocational Poly Diploma Programmes

The broad objectives of these programmes are:

- To offer need based and tailor made academic programmes for the specific need of supervisory level manpower engaged in construction & those desirous to serve the construction industry.
- To upgrade and modernize the technical know-how of those engaged in construction related activities apart from fresh candidates desirous of taking up careers in construction industry.
- To provide better industry-education linkage by matching learners educational needs to industry needs by collaborating with professional bodies like CIDC and other technical institutions.



The programmes offered at three levels (modular approach) along with fee are as shown in Table 1.

Sl.	Title of Programme	Duration	Eligibility	Registration	Tuition Fee (First Semester only payable to University)	Internship fee for the second semester payable to CIDC directly includes training cost, boarding and lodging
1.	Certificate	1 year/ 2 Semesters (First Sem. at University, Second Sem. Internship at CIDC)	Minimum 10th Pass	Rs.6,000/-	Rs.20,000/-	Rs. 24,000/-for a month or Rs. 36,000/- for six months (one month at CIDC and 5 months at industry) in the second semester of each programme
2.	Advanced Certificate	2 years/ 4 Sem. 1 Year/ (2 Sem)	Minimum 10th Pass Lateral Entry for Certificate holders	Rs.6,000/- Rs.6,000/-	Rs.20,000/- Rs.20,000/-	Rs. 5000/- for project evaluation Payable to Monad University in the second semester of each programme
3.	Poly Diploma	3 Years (6 Sem) 1 Year (2 Sem.) 2 Years (4 Sem.)	Minimum 10th Pass Lateral Entry for Advanced Certificate holders Lateral Entry for Certificate holders	Rs.6,000/- Rs.6,000/- Rs.6,000/-	Rs.20,000/- Rs.20,000/- Rs.20,000/-	

The unique features of these programmes are that students can exit at any stage as shown in Fig. 1. For each programme, the student will be doing training with CIDC for either one month or six months.



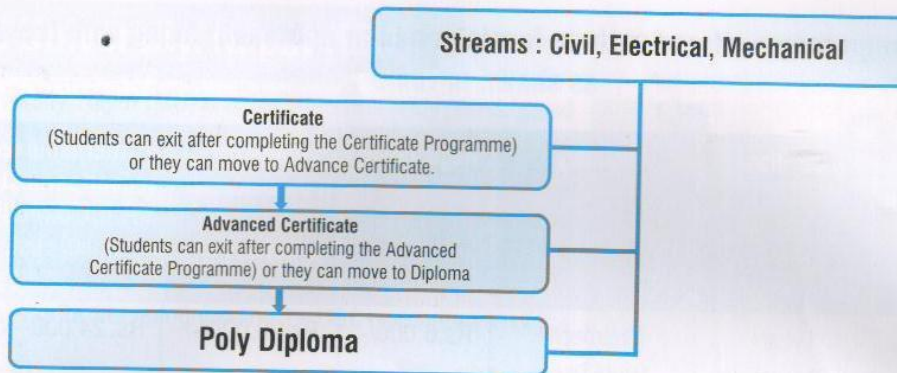


Fig. 1: Scheme of Vocational Programmes

Electrical Engineering

We are offering following three programmes:

- 1) Certificate in Field Technician (CTEE)
- 2) Advanced Certificate in Electrician (ACEE)
- 3) Poly Diploma in Maintenance Engineer & Supervisor (DMEE)

The details of course structure are given below:

1) Certificate in Field Technician (CTEE)

Year	Semester	Course Code	Course Title	L	T	P	C	
1	1	DIP 111	Professional Communication	3	1	2	5	
		DIP 112	Applied Physics	2	1	2	4	
		DIP-114	Applied Mathematics	2	1	2	4	
		CTEE 112	Earthing and Safety Regulations	2	1	2	4	
		CTEE 113	Maintenance of Electrical Equipments	2	1	2	4	
		CTEE 114	Power Cables and Accessories	2	1	2	4	
			Total	13	6	12	25	
	2		CTEE 121	Internship at CIDC	0	0	40	20
			CTEE 122	Project Viva Voce	0	0	8	4
			Total	0	0	48	24	

2) Advanced Certificate in Electrician (ACEE)

Year	Semester	Course Code	Course Title	L	T	P	C	
2	1	ACEE 111	Electrical Circuits	2	1	2	4	
		ACEE 112	Power Quality	2	1	2	4	
		ACEE 113	Faults, Fuse and Circuit Breakers	2	1	2	4	
		ACEE 114	Electrical Engineering Design and Drawing	2	1	2	4	
		ACEE 115	PV Module Installation	2	1	2	4	
		HS 121	Environmental Science	2	0	0	2	
			Total	12	5	10	22	
	2		ACEE 121	Internship at CIDC	0	0	40	20
			ACEE 122	Project Viva Voce	0	0	8	4
			Total	0	0	48	24	

3) Poly Diploma in Maintenance Engineer & Supervisor (DMEE)

Year	Semester	Course Code	Course Title	L	T	P	C
3	1	DMEE 111	Power System Operation	2	1	2	4
		DMEE 112	Rotating Machines and Protection	2	1	2	4
		DMEE 113	Transformer and Earthing Consideration	2	1	2	4
		DMEE 114	Energy Audit and Energy Conservation	2	1	2	4
		DMEE 115	Power Distribution	2	1	2	4
			Total	10	5	10	20
	2	DMEE 121	Internship at CIDC	0	0	40	20
		DMEE 122	Project Viva Voce	0	0	8	4
			Total	0	0	48	24

Mechanical Engineering

We are offering following three programmes:

- 1) Certificate in Heavy Equipment Maintenance Engineering (CTME)
- 2) Advance Certificate in Construction & Machine Safety (ACME)
- 3) Poly Diploma in Mechanical Supervisor (DMME)

The details of course structure are given below:

1) Certificate in Heavy Equipment Maintenance Engineering (CTME)

Year	Semester	Course Code	Course Title	L	T	P	C
1	1	DIP-111	Professional Communication	3	1	2	5
		DIP-112	Applied Physics	2	1	2	4
		DIP-114	Applied Mathematics	2	1	0	3
		CTME-111	Basics of Mechanical Drawing	2	0	4	4
		CTME-112	Elementary Machine Tool Technology & Maintenance	2	1	2	4
			Total	11	4	10	20
	2	CTME-121	CIDC Training & Project	0	0	40	20
		CTME-122	Comprehensive Viva-Voice	0	0	8	4
			Total	0	0	48	24

2) Advance Certificate in Construction & Machine Safety (ACME)

2	Semester	Course Code	Course Title	L	T	P	C
1		ACME-211	Applied Mechanics	2	1	2	4
		ACME-212	Principles of Design of Machines & Equipment	2	1	2	4
		ACME -213	Construction Instruments: Body Paint technology	2	1	0	3
		ACME -214	Industrial Pollution: Prevention and Control	2	1	0	3
		ACME -215	Fundamental of Machine: Working Skills	2	1	2	4
		HS 121	Environmental Science	2	0	0	2
		Total		12	5	6	20
2		ACME -221	CIDC Training & Project	0	0	40	20
		ACME -222	Comprehensive Viva-Voice	0	0	8	4
		Total		0	0	48	24

3) Poly Diploma in Mechanical Supervisor (DMME)

3	Semester	Course Code	Course Title	L	T	P	C
1		DMME-311	Repair and Testing of Construction Instruments	3	1	2	5
		DMME -312	Computer Aided Design	2	0	4	4
		DMME -313	Elementary Industrial Equipments	2	1	0	3
		DMME -314	Basics of Mechatronics	2	1	2	4
		DMME -315	Elementary Fluid Mechanics & Machinery	2	1	2	4
		Total		11	4	10	20
2		DMME -321	CIDC Training & Project	0	0	40	20
		DMME -322	Comprehensive Viva-Voice	0	0	8	4
		Total		0	0	48	24

Civil Engineering

We are offering following three programmes:

- 1) Certificate in Building Construction (CTCE)
- 2) Advanced Certificate in Surveying and Road Construction (ACCE)
- 3) Poly Diploma in Construction and Management (DMCE)

The details of course structure are given below:

1) Certificate in Building Construction (CTCE)

Year	Semester	Course Code	Course Title	L	T	P	C	
1	1	DIP-111	Professional Communication	3	1	2	5	
		DIP-112	Applied Physics	2	1	2	4	
		DIP-114	Applied Mathematics	2	1	0	3	
		CTCE 111	Building Construction	2	1	2	4	
		CTCE 112	Soil Mechanics	2	1	2	4	
		CTCE 113	Building Maintenance	3	1	2	5	
		Total		14	6	10	25	
	2		CTCE 121	Internship at CIDC	0	0	40	20
			CTCE 122	Project Viva Voce	0	0	8	4
			Total		0	0	48	24

Advanced Certificate in Surveying and Road Construction (ACCE)

Year	Semester	Course Code	Course Title	L	T	P	C
1	1	ACCE 111	Surveying	3	1	2	5
		ACCE 112	Road Construction	3	1	2	5
		ACCE 113	Site Investigation	3	1	2	5
		HS 121	Environmental Science	2	0	0	2
			Total	11	3	6	17
	2	ACCE 121	Internship at CIDC	0	0	40	20
		ACCE 122	Project Viva Voce	0	0	8	4
			Total	0	0	48	24

Poly Diploma in Construction and Management (DMCE)

Year	Semester	Course Code	Course Title	L	T	P	C
1	1	DMCE 111	Concrete Technology	3	1	2	5
		DMCE 112	Construction Equipments	3	1	2	5
		DMCE 113	Construction Management	3	1	2	5
			Total	9	3	6	15
	2	DMCE 121	Internship at CIDC	0	0	40	20
		DMCE 122	Project Viva Voce	0	0	8	4
			Total	0	0	48	24

Important Dates:

Sl.	Description	Dates
1	Forms accepted up to	15.07.2017
2	Acceptance of form with late fee of Rs.500/-	24.07.2017
3	Induction Programme	26.07.2017
4	Session Starts	28.07.2017

CIDC Training Centres

The proposed centres for training purposes nearest to Monad University are given below. The students should be prepared to pursue their training at any of the proposed training centres.

Sl.	Address	Name	Contact No.
1	Construction Industry Vocational Training Association (CIVTA) Vishwakarma Tertiya Centre, Village-Basatpur, Tehsil-Dhaulana, Dist - Hapur (U.P)	Mr. Sanjeev Reddy Mr. Virendra Vysya	M: 09871558555 M: 09457345859 placementcidc@yahoo.com
2	CIDC Project Office Plot No. 18, Sector-20 A, Faridabad (Haryana)	Dr. Shuchita Kumar	M: 9810319758 Tel: 0129-4193920, 4193915 Cidcfbd1@gmail.com