

**ADMISSIONS OPEN**

**Admission Team: +91 9650066221**

**Approved by:** Institute of Town Planners, India

**Affiliated to:** Deenbandhu Chhotu Ram University of Science and Technology

**GATEWAY**

College of Architecture & Design

**Two Year Masters Program 2021-2022**



[www.gateway.edu.in](http://www.gateway.edu.in)

**MASTERS IN URBAN AND  
REGIONAL PLANNING**





# MASTERS IN URBAN AND REGIONAL PLANNING

Two Year Masters Program **2021-2022**



# About The College

Gateway College of Architecture and Design was established in 2008 to enhance the partnership with the society and fulfil the strong desire of providing young aspirants, who wish to lead the creative life of an architect, with a platform founded in idealistic but pragmatic thinking. Over its journey of evolving as an institution of repute, the college has expanded its horizons and involved experiences, endeavours and visions of several eminent educationists.

Through its journey and reiterating its commitment to social good, the college has identified there is a need to fill the gaps of quality education in fields beyond architecture especially in urban and regional planning.

This vision is important to train students to develop, preserve and enhance our urban and regional environments by joining the workforce. Incidentally, the vision and goal compliment the national efforts of managing the rapid urbanization and urban-rural transformation the country is poised to witness in upcoming decades.

*This has culminated in college's foray in domain of planning education in 2021 by starting Urban and Regional Planning Course approved by Institute of Town Planners, India (ITPI) and affiliated to Deen Bandhu Chotu Ram University of Science and Technology (DCRUST), Murthal.*

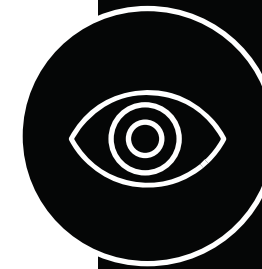


## Technical Gurukul

The basic philosophy of Gateway Education is to use the latest technology for creating an effective teaching learning environment and not making learners slaves of technology. The college strives to uphold principles that inculcate the use of hand, mind and machine and shall endeavour to extend it to domains of urban and regional planning.

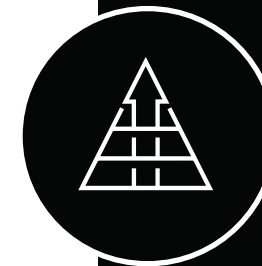
Integration of academic and residential spaces is aimed at creating a Technical Gurukul where student-teacher interaction happens perpetually through both digitally and face to face modes.

The curriculum emphasizes upon study, research, analysis and inference processes that will enable students to explore opportunities and new terrains so that they are exposed to updated physical & cultural settings and demands thereof.



## Vision

The planning department envisions enabling learned professionals to extend and enhance their capabilities and be qualified for roles in design and management of the nation's urbanization process and contribute to it in a positive manner. This vision is in alignment with Gateway Education's overall goal of being a partner in social and national development.



## Mission

Building upon the legacy of the architectural school, the planning department of Gateway Education is a project in the creation of a model school of planning to set benchmarks to be emulated by others. The pedigree of school shall be instrumental in revitalizing the urban development sector with its ethical and practice oriented training.

# M.Planning

## (Urban and Regional Planning)

*2 years Full Time with a present intake of 20 seats*

Gateway college of Architecture, Design and Planning is offering a **Masters in Planning Programme 2021- 2023 (Masters in Urban and Regional Planning- Full time)**. The Institute is affiliated with *Deenbandhu Chhotu Ram University of Science and Technology, Murthal (A state Govt. Technical University)*. The Program has a student intake of 20 seats at present and is approved by the Institute of Town Planners, India.

Urban and Regional Planning is a collaborative effort through which socioeconomic and physical design plans can be made at a large scale. It deals with challenging issues related to the economic and physical growth of cities and social justice on one end and rapid urbanization and people's aspirations on the other. An interdisciplinary course, it offers an opportunity for students to make a difference to the way the world lives and shapes the future of our cities, towns, villages and communities by combining diverse arenas of social sciences, planning, architecture, economics, management etc.

Urban planning is a process which involves the design and development of the land to be used for people and environment. A highly specialised profession, it requires foresight and vision to be able to plan for decades ahead and deals with many technical, political and social decisions pertaining to land, air, water and infrastructure among others. Today, the entire world is one big community and is grappling with concerns related to these issues, therefore, the seriousness and significance of the role played by urban planners can be well understood.

The very nature of the work calls for teamwork and coming together of experts from varied fields to be able to give shape and direction to the communities and their habitats, both natural and built. From governance and forming policies related to environment or climate change, to traffic management and mobilizing communities, urban and regional planning deals with the future of not just the cities and communities but also the underlying human spirit therein.





# CAREER PROSPECTS

The career opportunities for urban planners range from those in the public and private sector to real estate, academics and research. The pace at which the cities are growing and developing calls for a large number of urban planners to address concerns ranging from policy making to spatial planning.

# ELIGIBILITY

Bachelor's degree in Civil Engineering, Architecture or Planning or a Master's degree in Economics, Sociology, Geography from any University / Institution in India or Abroad or its equivalent degree recognized by the Government of India with not less than 50% marks in the aggregate or equivalent grade of a recognized university or an examination recognized as equivalent thereto by this University (47.50% for SC/PH). The qualification of Bachelor in Planning or B.Tech. (Planning) should be recognized by the Institute of Town Planners, India.

# DURATION

A full time 2 years course (4 semesters)

Urban Planning



PUBLIC  
SECTOR



ARCHITECT

PRIVATE SECTOR



RESEARCH



Spatial  
Planning



ACADEMICS



# Faculty and Resource Persons



**Prof. A.K. Maitra**

*Member Board of Studies*

Architect, Environmentalist and Academician  
**Past Director-** School of Planning and Architecture, New Delhi



**Prof. (Dr.) Rupinder Singh**

*Architect, Planner and Academician*

**Former Dean-** Sushant School of Architecture, Ansal University, Gurgaon.  
**Former Director -** School of Architecture, Lovely Professional University, Bhagwara, Jalandhar, Punjab.



**Prof. Jit Kumar Gupta**

*Architect, Town Planner and Academician*



**Prof. Anurag Roy**

*Principal*

Architect, Planner and Academician  
**Expert Member** – “Energy”- Ministry of Non-Conventional Energy Resources, Govt of India.  
Subject Expert Member, - National Building Code of India.



**Prof. Radhika Nagpal**

*H.O.D (Department of Planning)*

Architect, Planner and Academician



**Prof. (Dr.) S.K. Saha**

*Program Advisor*

Architect, Urban Designer and Academician  
**Former Founder-** Director School of Planning and Architecture, Vijaywada  
**Former Dean-** School of Architecture Sharda University, Greater Noida.



**Mr Jagdeep Singh**

*Assistant Professor – (Planning)*  
Architect and Planner



**Prof. Jagan Shah**

*Member Board of Studies*  
Architect and Urbanist

**Past Director** - Sushant School of Art and Architecture, Ansal University, Gurugram, Haryana.  
Trustee of Clean Air Asia, an international NGO based in Manila.



**Mr. Manik Doomra**

*Assistant Professor- (Planning)*  
Architect and Planner




## Scheme of Examination

**DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL**  
**SCHEME OF STUDIES & EXAMINATION FOR**  
**MASTER OF PLANNING (URBAN & REGIONAL PLANNING)**  
**(TWO YEAR FULL TIME)**  
**(Choice Based Credit scheme w.e.f. 2018-19)**

**Program Outcomes (POs):**


After completion of the program graduates will be able to

1. Apply the knowledge of Urban & Regional Planning, science, mathematics, architectural, engineering and management principles for developing problem solving attitude.
2. Identify, formulate and solve problems in the domain of Urban & Regional Planning field.
3. Use different software tools for Analysis and planning in the Urban & Regional Planning domain.
4. Design and conduct experiments, analyse and interpret data, for development of simulation experiments.
5. Function as a member of a multidisciplinary team with a sense of ethics, integrity and social responsibility.

			DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL , SONEPAT								
SCHEME OF STUDIES & EXAMINATION											
MASTER OF PLANNING (URBAN & REGIONAL PLANNING) (Choice Based Credit scheme w.e.f. 2018-19)											
I SEMESTER ( TWO YEAR FULL TIME)											
S. No	Course No.	Category	Course Title	Teaching Schedule		Marks of class work	Exam Marks		Total Marks	Credit	Duration of Examination
				L	P/ Studio		Sessional	Theory			
1	MPLAN-601C	PC	Planning History and Theory	3	-	50	50	-	100	3	3
2	MPLAN-603C	PC	Socio- economic basis for Planning	3	-	50	50	-	100	3	3
3	MPLAN-605C	PC	Planning Techniques	3	-	50	50	-	100	3	3
4	MPLAN-607C	PC	Infrastructure & Transport Planning	3	-	50	50	-	100	3	3
5	MPLAN-609C	PE- I	Housing & Community Development	3	-	50	50	-	100	3	3
6	MPLAN-611C		Habitat & Enviornment Studies								
7	MPLAN-613C		Demography & Planning								
8	MPLAN-615C	EEC	Planning Studio- I	-	6	100	-	100	200	6	3
9	MPLAN-617C	MLC	Research Methods & Communication Skills	3	-	50	50	-	100	3	3
			Audit 1	2	-	25	75		100	0	3
			Total	20	6	425	375	100	900	24	


**The courses are categorized as follows:**

- i) Programme Core (PC) courses include the core courses relevant to the field of specialization
- ii) Programme Elective (PE) courses include the elective courses relevant to the the specialization.
- iii) Open Elective (OE) courses include the elective courses offered by the other department
- iv) Employability Enhancement Courses (EEC) include Design/Studio courses, dissertation, thesis, practical training
- v) Mandatory Learning Courses (MLC)

			DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL , SONEPAT								
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			MASTER OF PLANNING (URBAN & REGIONAL PLANNING) (Choice Based Credit scheme w.e.f. 2018-19)								
II SEMESTER ( TWO YEAR FULL TIME)											
S. No	Course No.	Category	Course Title	Teaching Schedule		Marks of class work	Exam Marks		Total Marks	Credit	Duration of Examination
				L	P/ Studio		Sessional	Theory			
1	MPLAN-602C	PC	City & Metropolitan Planning	3	-	50	50	-	100	3	3
2	MPLAN-604C	PC	Urban & Regional Project Planning & Management	3	-	50	50	-	100	3	3
3	MPLAN-606C	PC	Advanced Planning Techniques	3	-	50	50	-	100	3	3
4	MPLAN-608C	PE- II	Inclusive Urban Planning	3	-	50	50	-	100	3	3
	MPLAN-610C		Planning for Tourism								
	MPLAN-612C		Urban Heritage Conservation & Urban Renewal								
5	MPLAN-614C	EEC	Planning Studio- II		6	100	-	100	200	6	3
6	MPLAN-616C	EEC	Practical Training	0	-	60	-	40	100	2	
7			Audit 2	2	-	25	75		100	0	3
			Total	14	6	385	275	140	800	20	


**Note**

1. For Audit Courses & Open Electives, provisions in ordinance of Common M.Tech Programme shall be followed.

			DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL , SONEPAT								
SCHEME OF STUDIES & EXAMINATION											
MASTER OF PLANNING (URBAN & REGIONAL PLANNING) (Choice Based Credit scheme w.e.f. 2019-20)											
III SEMESTER ( TWO YEAR FULL TIME)											
S. No	Course No.	Category	Course Title	Teaching Schedule		Marks of class work	Exam Marks		Total Marks	Credit	Duration of Examination
				L	P/ Studio		Sessional	Theory			
1	MPLAN- 701C	PC	Regional Planning & Development	3	-	50	50	-	100	3	3
2	MPLAN-705C	PC	Rural Development & Infrastructural Planning	3	-	50	50	-	100	3	3
3	MPLAN-707C	PE- III	Regional, Urban & Rural Governance	3	-	50	50	-	100	3	3
	MPLAN-709C		Smart Cities								
	MPLAN-711C		Urban & Regional Development & Finance Management					-			
4	MPTOE551C	Open Elective	Business Analytics	3	-	25	75	-	100	3	3
	MPTOE553C		Industrial Safety								
	MPTOE555C		Operations Research								
	MPTOE557C		Cost Management of Engineering Projects								
	MPTOE559C		Composite Materials								
	MPTOE561C		Waste to Energy								
	MPTOE563C		Sustainable Development & Climate Change								
5	MPLAN-713C	EEC	Planning Studio III		6	100	-	100	200	6	3
6	MPLAN-715C	EEC	Dissertation Phase I		3	50	-	50	100	3	3
			Total	12	9	325	225	150	700	21	

### Note

- Students will be allowed to use Non-Programmable Scientific Calculator. However, sharing of calculator will not be permitted in the examination.
- The choice of students for any elective shall not be binding on the department.
- Dissertation coordinator will be assigned the load of 1 hrs per week excluding his/her own supervising load. However, the dissertation supervisor teacher will be assigned a load of one hour per candidate per week subject to the maximum of two periods of teaching load irrespective of number of students/groups under him/her.
- For Audit Courses & Open Electives, provisions in ordinance of Common M.Tech Programme shall be followed

			DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL , SONEPAT								
SCHEME OF STUDIES & EXAMINATION											
MASTER OF PLANNING (URBAN & REGIONAL PLANNING) (Choice Based Credit scheme w.e.f. 2019-20)											
IV SEMESTER ( TWO YEAR FULL TIME)											
S. No	Course No.	Category	Course Title	Teaching Schedule		Marks of class work	Exam Marks		Total Marks	Credit	Duration of Examination
				L	P/ Studio		Sessional	Theory			
1	MPLAN- 702C	EEC	Dissertation Phase II/ Thesis	-	16	150	-	150	300	16	
2	MPLAN-704C	MLC	Legal Issues & Professional Practice	3	-	50	50	-	100	3	3
			Total	3	16	200	50	150	400	19	

### Note

- Thesis coordinator will be assigned the load of 3 hrs per week excluding his/her own supervising load. However, the thesis supervisor teacher will be assigned a load of one hour per candidate per week subject to the maximum of two periods of teaching load irrespective of number of students/groups under him/her.

### Audit Course 1& 2

AUD531 C	English for Research Paper Writing	HUM Dept
AUD533 C	Disaster Management	Civil Engg Dept
AUD535 C	Sanskrit for Technical Knowledge	HUM Dept
AUD537 C	Value Education	HUM Dept
AUD539 C	Constitution of India	HUM Dept
AUD541 C	Pedagogy Studies	HUM Dept
AUD543 C	Stress Management by Yoga	HUM Dept
AUD545 C	Personality Development through Life Enlightenment Skills	HUM Dept

### Note

- For Audit Courses & Open Electives, provisions in ordinance of Common M.Tech Programme shall be followed



