



GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR

(Established by State Legislature Act 17 of 1995)
'A' Grade, NAAC Accredited State Govt. University

Acad./AC-III/Fac.-12/2021/ 3426

Dated: 6/7/2021

To

Controller of Examinations
GJUS&T, Hisar.

Sub: Approval of addition of Paper Code CGS-603 "Skill Enhancement" of B.Sc. Geography (Town Planning) of 2 credits of 100 marks in the scheme of examinations of 6th semester of B.Sc. (Physical Sciences) w.e.f. 2018-19.

Sir,

The Vice-Chancellor, as per decision of 57th meeting of Academic Council held on 19.03.2021 vide resolution no. 11 and on the recommendations of Dean, Faculty of Physical Sciences & Technology 28.06.2021 and Ad hoc UG BOS&R in Geography, vide resolution no. 2 in its meeting held on 25.06.2021, is pleased to allow to approve the addition of paper Code CGS-603 "Skill Enhancement" of B.Sc. Geography (Town Planning) of 2 credits of 100 marks in the scheme of examinations & syllabi of 6th semester of B.Sc. (Physical Sciences) w.e.f. 2018-19.

A copy of the revised scheme of examinations of 6th semester of B.Sc. (Physical Sciences) and syllabi of paper code CGS-603 "Skill Enhancement" of B.Sc. Geography (Town Planning) of 2 credits of 100 marks w.e.f. 2018-19 is enclosed herewith.

You are therefore, requested to take further necessary action accordingly.

DA: As above

Yours faithfully


Assistant Registrar (Acad.)
for Registrar

Endst. No. Acad./AC-III/ Fac.-12/2021/ 3427-28

Dated: 6/7/21

A copy of the above is forwarded to the following for information and necessary action:-

1. Dean, Faculty of Physical Sciences & Technology, GJUS&T, Hisar along with a copy of revised scheme of examinations of 6th semester of B.Sc. (Physical Sciences) and syllabi of Paper Code CGS-603 "Skill Enhancement" of B.Sc. Geography (Town Planning) of 2 credits of 100 marks w.e.f. 2018-19. He is further requested to get uploaded the above revised scheme of examinations and syllabi on the University website.
2. Principal, C.R.M. Jat College, Hisar concerned affiliated degree Colleges along with a copy of revised scheme of examinations of 6th semester of B.Sc. (Physical Sciences) and syllabi of Paper Code CGS-603 "Skill Enhancement" of B.Sc. Geography (Town Planning) of 2 credits of 100 marks w.e.f. 2018-19.


Assistant Registrar (Acad.)
for Registrar

Skill Enhancement Course-I (Geography)

Town Planning

(Credits: 02; 30 Hrs (2Hrs / week))

Total Marks: 100

Marks (External): 50

Marks (Internal): 50

Examination Time: 3 Hrs

Note: The examiner is requested to set nine questions in all; selecting two questions from each Unit and one compulsory question (Question No.1 based on entire syllabus will consist of five short answer type questions each of two marks). The candidate is required to attempt four questions in all selecting one from each Unit and the compulsory Question No.1.

Unit-1

1. Town Planning: concept, evolution, objectives.
2. Economic justification, principles and necessity of town planning.

Unit-II

3. Origin & growth of towns, stages in town development, Distribution of Land uses.
4. Forms of Planning, Site for an Ideal Town, Requirement of new towns.

Unit-III

5. Planning of town: modern & military town, powers & cost required to enforce town planning schemes.
6. Town planning: in ancient India, Indus Valley Civilization; Rakhigarhi (Hisar) & Town planning in present India.

Unit-IV

7. Development or Master Plan: introduction, objective, necessity of Master Plan.
8. Drawing, features, planning standards, stages of preparation & method of execution of development plan.
9. Urban and Regional Development Plans Formulation and Implementation (URDPFI): Introduction and Recommendations.

Case study:

1. Prepare a land use Plan of any locality (town / village).
2. Prepare a Road Junction Plan of any one location of a town.

Reading List:

1. Brown, A.J.et all, 1969: An Introduction to Town and Country Planning, Angus and Robertson Ltd., Sidney, Australia.
2. Prabhakar, V.B., 1978: Ancient and Mediaeval Town Planning in India, Sagar Publication, New Delhi.
3. Rangwala, S.C. & Rangwala K.S., 2011: Town Planning, Charotar Publishing House pvt. Ltd., Anand, Gujrat, India.

*Janeyu
manoj kumar*

Dr. A. S. Parmar

Harsh Lekha
(HARSH LEKHA)
73

Semester-VI

Paper Code	Course opted	Nomenclature	Credits	Hr/ week	Marks		
					Ext.	Int.	Total
CPL- 601	Discipline Specific Course-III (Physics)	Solid State Physics	2	2	80	20	100
CPL- 602	Discipline Specific Course-IV (Physics)	Quantum Mechanics	2	2	80	20	100
CGL- 601	Discipline Specific Course-III (Geography)	Geography	2	2	80	20	100
CGL- 602	Discipline Specific Course-IV (Geography)	Geography	2	2	80	20	100
CCL- 603(i) OR CCL- 603(ii)	Discipline Specific Course-III (Chemistry)	Organomettals and Bioorganic Chemistry OR Quantum Chemistry	2	2	80	20	100
CCL- 604(i) OR CCL- 604(ii)	Discipline Specific Course-IV (Chemistry)	Polynuclear Hydrocarbons and UV,IR Spectroscopy OR Spectroscopy and Photochemistry	2	2	80	20	100
CCS- 605	Skill Enhancement Course-IV (Chemistry)	Green Methods in Chemistry	2	2	50	50	100
CEL- 603(i) OR CEL- 603(ii) OR CEL- 603(iii)	Discipline Specific Course-III (Electronics)	Digital System Design OR Digital Signal Processing OR Photonic Devices	2	2	80	20	100
CEL- 604(i) OR CEL- 604(ii) OR CEL- 604(iii)	Discipline Specific Course-IV (Electronics)	VLSI Design OR Internet of Things OR Consumer Electronics	2	2	80	20	100
CCsL- 603	Discipline Specific Course-III (Computer Science)	Computer Graphics	2	2	80	20	100
CCsL- 604	Discipline Specific Course-IV (Computer Science)	Python Programming	2	2	80	20	100
CCaL- 603	Discipline Specific Course- III (Computer Applications)	Mobile Application Development	2	2	80	20	100
CCaL- 604	Discipline Specific Course- IV (Computer Applications)	Cloud Computing	2	2	80	20	100
CML- 605(i) OR CML- 605(ii)	Discipline Specific Course-IV (Mathematics)	Linear Algebra OR Bio-Mathematics	4	4	80	20	100
CML- 606(i) OR CML- 606(ii)	Discipline Specific Course-V (Mathematics)	Mechanics-II OR Queuing and Reliability Theory	4	4	80	20	100

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Physical Sciences

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Semester-VI

Paper Code	Course opted	Nomenclature	Credits	Hr/ week	Marks		
					Ext.	Int.	Total
CPL- 601	Discipline Specific Course-III (Physics)	Solid State Physics	2	2	80	20	100
CPL- 602	Discipline Specific Course-IV (Physics)	Quantum Mechanics	2	2	80	20	100
CGL- 601	Discipline Specific Course-III (Geography)	Geography	2	2	80	20	100
CGL- 602	Discipline Specific Course-IV (Geography)	Geography	2	2	80	20	100
CCL- 603(i) OR CCL- 603(ii)	Discipline Specific Course-III (Chemistry)	Organometallics and Bioorganic Chemistry OR Quantum Chemistry	2	2	80	20	100
CCL- 604(i) OR CCL- 604(ii)	Discipline Specific Course-IV (Chemistry)	Polynuclear Hydrocarbons and UV,IR Spectroscopy OR Spectroscopy and Photochemistry	2	2	80	20	100
CCS- 605	Skill Enhancement Course-IV(Chemistry)	Green Methods in Chemistry	2	2	50	50	100
CEL- 603(i) OR CEL- 603(ii) OR CEL- 603(iii)	Discipline Specific Course-III (Electronics)	Digital System Design OR Digital Signal Processing OR Photonic Devices	2	2	80	20	100
CEL- 604(i) OR CEL- 604(ii) OR CEL- 604(iii)	Discipline Specific Course-IV (Electronics)	VLSI Design OR Internet of Things OR Consumer Electronics	2	2	80	20	100
CCsL- 603	Discipline Specific Course-III (Computer Science)	Computer Graphics	2	2	80	20	100
CCsL- 604	Discipline Specific Course-IV (Computer Science)	Python Programming	2	2	80	20	100
CCaL- 603	Discipline Specific Course- III (Computer Applications)	Mobile Application Development	2	2	80	20	100
CCaL- 604	Discipline Specific Course- IV (Computer Applications)	Cloud Computing	2	2	80	20	100
CML- 605(i) OR CML- 605(ii)	Discipline Specific Course-IV (Mathematics)	Linear Algebra OR Bio-Mathematics	4	4	80	20	100
CML- 606(i) OR CML- 606(ii)	Discipline Specific Course-V (Mathematics)	Mechanics-II OR Queuing and Reliability Theory	4	4	80	20	100

Dr. Debi Prasad
29/12/2019
Faculty of
Physical Sciences

By 2/1/2021
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Dr. Debi Prasad
14/1/19

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CM 607(i) OR CML-607(ii)	Discipline Specific Course-VI (Mathematics)	Real & Complex Analysis OR Optimization Techniques	4	4	80	20	100
CMS-608(i) OR CMS-608(ii)	Skill Enhancement Course-IV (Mathematics)	Solid Geometry OR Financial Mathematics	2	2	50	50	100
CPP-608	Practical-VI (Physics)	Physics Lab-VI	2	4	100	-	100
CGP-608	Practical-VI (Geography)	Geography Lab-VI	2	4	100	-	100
CCP-609(i) OR CCP-609(ii)	Practical-VI (Chemistry)	Chemistry Lab-VI(i) OR Chemistry Lab-VI(ii)	2	4	100	-	100
CEP-609(i) OR CEP-609(ii) OR CEP-609(iii)	Practical-VI (Electronics)	Digital System Design Lab OR Digital Signal Processing Lab OR Advance communication Lab	2	4	100	-	100
CCsP-609	Practical-VI (Computer Science)	Computer Lab-VI (Computer Graphics Lab)	2	4	100	-	100
CCaP-609	Practical-VI (Computer Applications)	Computer Lab- VI (Mobile Application Development)	2	4	100	-	100

CGS-603 Skill Enhancement
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 28/6/21
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