

# THE GANDHIGRAM RURAL INSTITUTE - DEEMED TO BE UNIVERSITY

(Estd. under section 3 of the UGC Act 1956, vide Notification No.: F.9-1/76-U.3, dated 03.08.1976 of the Govt. of India)

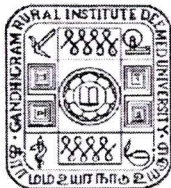
(Re-Accredited with Grade 'A' by NAAC)

Gandhigram - 624 302, Dindigul District, Tamil Nadu, India

## DEPARTMENT OF MATHEMATICS

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11.01.2025

To

All the Deans/Heads/Directors

Schools/ Departments/Centres

GRI-DU, Gandhigram

Dear Sir/Madam,

Sub: Consolidated list - Generic Elective/Multidisciplinary/Value added Courses for UG and PG Programmes-reg.

This is to inform that the following courses are offered by various departments for UG and PG students as Generic Elective/Multidisciplinary/Value added Courses.

S. No	Name of the Department	Course Code	Course Title	Program Level	Course Type
1.	Chemistry	21CHEU04G1	Polymer Science	UG	Generic Electives
2.	Chemistry	21CHEU04G4	Food adulteration and analysis	UG	Generic Electives
3.	Economics	24ECUB1101	Business Economics	UG	Multidisciplinary
4.	Economics	24ECUB2101	Elements of	UG	Multidisciplinary

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			Economics		
5.	Economics	24ECUB3103	Environmental Economics	UG	Multidisciplinary
6.	Economics	24ECUB3204	Energy Economics	UG	Multidisciplinary
7.	Economics	24ECUB4105	Economics of Growth and development	UG	Multidisciplinary
8.	Economics	21ECOU0XG1	Principles of Economics	UG	Elective – Generic Courses
9.	Economics	21ECOU0XG2	Indian Economy	UG	Elective – Generic Courses
10.	Economics	21ECOU0XG3	Tamil Nadu Economy	UG	Elective – Generic Courses
11.	Economics	21ECOP02G1	Indian Economy	PG	Generic Elective
12.	Economics	21ECOP02G2	Globalization and WTO: Issues and Strategies	PG	Generic Elective
13.	Economics	21ECOP02G3	Entrepreneurship	PG	Generic Elective
14.	Economics	21ECOP02G4	Growth and Development	PG	Generic Elective
15.	Economics	21ECOP02G5	Agricultural Economics	PG	Generic Elective
16.	Economics	21ECOP02G6	Energy Economics	PG	Generic Elective
17.	Home Science	21HSCU04G4	Adolescence and life Skills Education	UG	Generic Electives
18.	Home Science	21HSCU04G7	Family Clothing	UG	Generic Electives
19.	Home Science	21HSCU04G9	Programmes for Rural Families	UG	Generic Electives
20.	Home Science	21HSEP02G1	Scientific Writing	PG	Generic Electives
21.	Home Science	21FSNP02G1	Culinary Nutrition	PG	Generic Electives
22.	Home Science	21FSNP02G2	Nutrition for Health	PG	Generic Electives
23.	Home Science	21FSNP02G3	Food Preservation and Packaging	PG	Generic Electives
24.	Home Science	21HSCU0VA2	Design your Diet	UG	Value added Course
25.	Home Science	21HSCU0VA3	Value addition of Vegetables and Fruits	UG	Value added Course
26.	Home Science	21FSNP0VA3	Food Preservation	PG	Value added Course
27.	Cooperation	21COPP02G1	Accounting for Decision Making	PG	Generic Electives
28.	Cooperation	21COPP02G2	Entrepreneurship Development	PG	Generic Electives
29.	Cooperation	21COPP0VA1	Management of Farmer Producers Organisations	PG	Value added Course
30.	Cooperation	21COPP0VA3	Jewel appraisal Techniques for managers	PG	Value added Course
31.	Cooperation	21COPU04G1	Theory of Cooperation	UG	Generic Electives
32.	Cooperation	21COPU04G2	Industrial Cooperatives	UG	Generic Electives

33.	Cooperation	24COU11201	Cooperative Audit	UG	MDC
34.	Cooperation	21COPU0VA3	Jewel appraisal Techniques for Managers	UG	Value added Course
35.	Biology	21MIBU00G2	Biofertilizer and Biopesticides Production	UG	Generic Electives
36.	Biology	21MIBU0VA3	Sanitation Microbiology	UG	Value added Course
37.	Biology	24BOTP02G1	Herbal Botany and Dietetics	PG	Generic Electives
38.	Biology	24BIOP02G2	Industrial Microbiology	PG	Generic Electives
39.	Biology	24MIBP0VA3	Biofertilizer and Mushroom technology	PG	Value added Course
40.	Geoinformatics	21GISU04G1	Introduction to Geoinformatics	UG	Generic Elective
41.	Geoinformatics	21GISU04G2	Geoinformatics for Agriculture	UG	Generic Elective
42.	Geoinformatics	21GISU04G3	Geoinformatics for water Resource Management	UG	Generic Elective
43.	Geoinformatics	24GISP02G1	Basics of Geoinformatics	PG	Generic Elective
44.	Geoinformatics	24GISP02G2	Geoinformatics for Disaster Management	PG	Generic Elective
45.	Geoinformatics	24GISP02G4	Geoinformatics for Energy Resources	PG	Generic Elective
46.	Geoinformatics	24GISP2VA8	Remote sensing & its Applications	UG&PG	Value added Course
47.	Geoinformatics	24GISP2VA9	GIS and its Applications	UG&PG	Value added Course
48.	Geoinformatics	24GISP2VA10	GNSS and its Applications	UG&PG	Value added Course
49.	Geoinformatics	24GISP2VA11	Geoinformatics for forest Resources	UG&PG	Value added Course
50.	Centre for Future Studies	21CFSG04G1	Future Trends in Green Marketing and Consumerism	UG	Generic Elective
51.	Centre for Future Studies	21CFSG04G2	Environment and Gender	UG	Generic Elective
52.	Centre for Future Studies	24FSUI1001	Green Marketing and Consumerism	UG	Multidisciplinary
53.	Centre for Future Studies	24FSUI1002	Environment and Gender	UG	Multidisciplinary

54.	Centre for Future Studies	24FSUI1003	Sustainable Tourism	UG	Multidisciplinary
55.	Rural Industries and Management	21RIMU04G1	Office Management	UG	Generic Elective
56.	Mathematics	21MATU4VA2	Mathematics for Computer Science	UG	Value Added
57.	Mathematics	21MATU6VA4	Mathematical Typesetting LaTeX	UG	Value Added
58.	Mathematics	24MATP2VA2	Mathematics for Competitive Examinations	PG	Value Added
59.	Mathematics	24MATP02G1	Numerical and Statistical Methods	PG	Generic Elective
60.	Mathematics	21MATU04G1	Basic Numerical Methods	UG	Generic Elective
61.	Mathematics	24MAU11202	Logical Reasoning	UG	Multidisciplinary
62.	Centre for Rural Energy	21CREP0XG1	Renewable Energy Sources	PG	Generic Elective
63.	Centre for Rural Energy	21CREU0XG1	Green Buildings	UG	Generic Elective
64.	Centre for Rural Energy	21CREU0XS1	Operation and Maintenance of Renewable Energy Devices	UG	Value Added
65.	Centre for Rural Energy	24REUIXY01	Renewable Energy Sources	UG	Multidisciplinary Course
66.	Centre for Rural Energy	24REUIXY02	Energy Conservation and Management	UG	Multidisciplinary Course
67.	Centre for Rural Energy	24REUIXY03	Entrepreneurial Pathways in Renewable Energy Sector	UG	Multidisciplinary Course
68.	Applied Research	24ARUI1201	Applied Statistics	UG	Value Added Course
69.	Applied Research	24ARUI1202	Elements Of Operation Research	UG	Value Added Course
70.	Applied Research	24ARUI1203	Business Statistics	UG	Value Added Course
71.	Applied Research	24ARUI1204	Demography and Vital Statistics	UG	Value Added Course
72.	Applied Research	24ARVP0201	Statistical Analysis Using Software	PG	Value Added Course
73.	Applied Research	24ARVP0202	Digital Research Methods	PG	Value Added Course
74.	Lifelong Learning and	24LLEPN001	Corporate Social Responsibility	PG	Non-Major Elective Course

	Extension				
75.	Lifelong Learning and Extension	24LLEPN002	Life Skill Education	PG	Non-Major Elective Course
76.	Lifelong Learning and Extension	24LLEPN006	Participatory Rural Appraisal	PG	Non-Major Elective Course
77.	Home Science	24HSUI1101	Basics of Food and Nutrition	UG	Multidisciplinary Course
78.	Home Science	24HSUI1207	Arts and Crafts of India	UG	Multidisciplinary Course
79.	Home Science	24HSUI1208	Traditional Embroidery of India	UG	Multidisciplinary Course
80.	Home Science	24HSUI1209	Communication for Development	UG	Multidisciplinary Course
81.	Physics	21PHYU04G1	Solar Thermal and Renewable Energy Systems	UG	Generic Elective
82.	Physics	21PHYU04G2	Physics of Sports	UG	Generic Elective
83.	Physics	21PHYU04G3	Physics of Sound and Acoustics	UG	Generic Elective
84.	Physics	21PHYUVAC4	Non-Destructive Testing	UG	Value Added Course
85.	Physics	24PHYP02G1	Non-Conventional energy systems	PG	Generic Elective
86.	Physics	24PHYP02G2	Spectroscopy	PG	Generic Elective
87.	Physics	24PHYP02G3	Micro Processor & Assemble Language	PG	Generic Elective
88.	Physics	24PHYP02G4	Nanophysics	PG	Generic Elective
89.	Physics	24PHYU2VA2	Physics of Crystal Growth and Thin Film	PG	Value Added Course
90.	Computer Science and Applications	21CSAU04G3	R Programming	UG	Generic Elective Course
91.	Computer Science and Applications	24CSUI1202	Web Designing	UG	Multidisciplinary Course
92.	Political Science and Development Administration	24PSDU1102	Indian Constitution	UG	Generic Elective Course
93.	Political Science and Development Administration	24PSDU1104	Introduction to Public Administration	UG	Generic Elective Course
94.	Rural Development	21DRDP02G3	Rural Society and Development	PG	Generic Elective Course
95.	Rural Development	21DRDP02G4	NGO Management	PG	Generic Elective Course
96.	Rural	21DRDU04G2	Rural Social Problems	UG	Generic Elective

	Development				Course
97.	Education	21EDNU04VA2	Soft Skills for Teacher Education	UG	Value Added Course
98.	Education	21EDNP02VA1	Professional Ethics in Education	PG	Value Added Course
99.	Education	21EDNP04VA2	Yoga Education	PG	Value Added Course

Kindly bring this information to notice of UG and PG students of your Department/Centre, so that those who are interested may contact the department for further details.

**Yours Sincerely**

**(R. UTHAYAKUMAR)**

Submitted to be Registrar, GRI-DTBU, Gandhigram for uploading the above circular in the Institute website.

Copy to:

The Director, Computer Centre, GRI(DTBU), Gandhigram – with a request to send the circular through intranet and Institute website.

*Approved for  
uploading in the  
website / intranet  
R. Jit 10/1/25  
RJK*