

**GOVT. HOLKAR (MODEL AUTONOMOUS)  
SCIENCE COLLEGE, INDORE**



(An ISO 9001:2015 & ISO 14001:2015 Certified Institution)



# SSR DOCUMENT

2017-18 TO 2021-22

## CRITERION -1

### CURRICULAR ASPECTS

**Metric No.:1.3.2**

**Document Title:**

**List of Value-added Courses During session 2017-2018 to  
2021-2022**



**Government Holkar (Model Autonomous) Science College, Indore (M.P.)**  
**(ISO 9001:2015 & ISO 14001:2015 Certified Institution)**

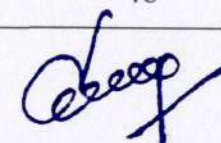


**Title: - List of Value-added Courses for the Academic Year 2017-2018 to 2021-2022.**

S. No.	Name of the course/programme	Course/programme Code (if any)	Year of offering /Year of enrolment	Contact hours of course	Number of students enrolled in the year	Number of Students completing the course in the year
1	Organic Farming (Department of Botany)	Na	2021-2022	More Than 30 Hours	24	24
2	Mushroom Cultivation and its Marketing (Department of Botany)	Na	2021-2022	More Than 30 Hours	24	24
3	Application of Tools & Techniques in biology (Department of Zoology)	Na	2021-2022	More Than 30 Hours	95	95
4	Role Of Investigating Officer in Crime Scene (Department of Forensic Science)	Na	2021-2022	More Than 30 Hours	36	36
5	Application of statistics in biosciences (Deptt. of biochemistry)	Na	2021-2022	More Than 30 Hours	75	75
6	Human Impact on Air Environment (Department of Microbiology)	Na	2021-2022	More Than 30 Hours	50	50
7	An Introduction to Drugs & Medicine (Department of Pharma Chemistry)	Na	2021-2022	More Than 30 Hours	117	117

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8	Basic Programming with Python (Department of Electronics)	PYTH	2021-2022	60 Hours	58	58
9	Robotics (Department of Electronics)	RX02	2021-2022	60 Hours	15	15
10	Fabrication and Maintenance of Laboratory Equipment (Department of Electronics)	FMLE	2021-2022	60 Hours	8	8
11	Value Addition Course on Nursery Management (Department of Horticulture)	Na	2021-2022	More Than 30 Hours	36	36
12	Value Added Course on Professional Ethics (Dept. of English)	Na	2021-2022	More Than 30 Hours	1111	1111
13	Aurdino (Dept. of Physics)	Na	2021-2022	More Than 30 Hours	18	18
14	Fundamental of GIS using open source software (Deptt. of Geology)	NA	2021-2022	More Than 30 Hr	19	19
15	Analytical aspects of chemistry for industry (Deptt. of Chemistry)	NA	2021-2022	More Than 30 Hr	317	317
16	Synthesis and Characterization of Materials (Dept. of Physics)	SCM	2021-2022	More Than 30 Hr	12	12
17	French Language Course (Deptt. Of English)	NA	2021-2022	More Than 30 Hr	55	48



18	Nursery Management of Medicinal Plants (Department of Botany)	NA	2021-2022	More Than 30 Hr	13	13
19	Web Development Certificate Course	NA	2021-2022	More Than 30 Hr	25	25
20	Application of statistics in biosciences (Deptt. of biochemistry)	NA	2020-2021	More Than 30 Hr	33	33
21	Fundamental of GIS using open source software (Deptt. of Geology)	NA	2020-2021	More Than 30 Hr	25	25
22	Wildlife certificate course (Deptt. of Zoology)	NA	2020-2021	More Than 30 Hr	46	46
23	Applied Zoology (Deptt. of Zoology)	NA	2020-2021	More Than 30 Hr	99	99
24	Questioned Documents (Deptt. of Forensic Science)	NA	2020-2021	More Than 30 Hr	138	138
25	Analytical aspects of chemistry for industry (Deptt. of Chemistry)	NA	2020-2021	More Than 30 Hr	284	284
26	Soft skill ( Deptt. Of Botany)	NA	2020-2021	More Than 30 Hr	13	13
27	Molecular and Computational Biology	NA	2020-2021	More Than 30 Hr	52	52
28	Renewable Energy and Energy Efficiency & Conservation – Technologies, Applications, Approaches, Trends and Policies	NA	2020-2021	More Than 30 Hr	30	30



29	Food Manufacturing and Processing (Swami Vivekanand career Guidance cell)	NA	2020-2021	More Than 30 Hr	28	28
30	E-Commerce and Online Banking (Swami Vivekanand Career Guidance)	NA	2020-2021	More Than 30 Hr	14	14
31	Animal Husbandry and Poultry , Sericulture and fisheries(Swami Vivekanand career Guidance cell)	NA	2020-2021	More Than 30 Hr	9	9
32	Solar Energy plant Maintenance and marketing (Swami Vivekanand career Guidance cell)	NA	2020-2021	More Than 30 Hr	14	14
33	Advance Agricultural skills (Swami Vivekanand career Guidance cell)	NA	2020-2021	More Than 30 Hr	14	14
34	Taxation-IT and GST returns filling (Swami Vivekanand career Guidance cell)	NA	2020-2021	More Than 30 Hr	7	7
35	Weaves, block printing and textile manufacturing (Swami Vivekanand career Guidance cell)	NA	2020-2021	More Than 30 Hr	2	2
36	Journalism and translation work (Swami Vivekanand career Guidance cell)	NA	2020-2021	More Than 30 Hr	7	7
37	Tourism and Travel Management (Swami	NA	2020-2021	More Than 30 Hr	2	2

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	Vivekananda career Guidance cell)					
38	Advance Agro Techniques for Entrepreneurship Development (Department of Botany)	Na	2019-2020	More Than 30 Hr	28	28
39	Health and Nutrition” (Students)( Dept. of Biochem. & Career Guidance Cell)	Na	2019-2020	More Than 30 Hr	38	38
40	Instrumentation Techniques (Dept. of Chemistry & Pharma. Chem.)	Na	2019-2020	More Than 30 Hr	47	47
41	Basic Programming with Python (Department of Electronics)	Na	2019-2020	More Than 30 Hr	36	36
42	Embedded System Design Based on Arduino (Dept. of Electronics)	Na	2019-2020	More Than 30 Hr	20	20
43	Computer Hardware, Equipment Repairing & Fabrication (Dept. of Electronics & Career Guidance Cell)	Na	2019-2020	More Than 30 Hr	43	43
44	Value Added Course on Cambridge Assessment English (Dept. of English)	NA	2019-2020	More Than 30 Hr	96	96
45	Value Added Course on Entrepreneurship Development (Dept. of English)	NA	2019-2020	More Than 30 Hr	1000	1000

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46	Value Added Course on English Communication (Dept. of English)	NA	2019-2020	More Than 30 Hr	1065	1065
47	Mobile Repairing and DTH Installation & TV Repairing (Department of Electronics & Career Guidance Cell)	Na	2018-2019	More Than 30 Hours	32	32
48	Tissue Culturing of Medical Plants and Organic Farming" (Department of Biotechnology & Career Guidance Cell)	Na	2018-2019	More Than 30 Hours	55	55
49	Computer Hardware & Networking (Dr. Sanjay & Expert Team)	Na	2018-2019	More Than 30 Hours	29	26
50	Chem-Informatics and Biophysical Techniques (Dept. of Chemistry + Bio. Tech. & Bio. Info.)	Na	2018-2019	More Than 30 Hours	100	100
51	Understanding Physics using Computer Software (Dept. of Physics)	NA	2018-2019	More Than 30 Hours	30	27
52	Applied Zoology for Entrepreneurs (Dept. of Zoology)	NA	2018-2019	More Than 30 Hours	30	27
53	Bioinformatics Analysis from Genomics to Proteomics (Dept. of Biotechnology)	NA	2018-2019	More Than 30 Hours	29	29
54	Web Development (Dept. of Computer Science)	Na	2018-2019	More Than 30 Hours	29	25

55	Programming and Problem Solving Through Python (Dept. of Computer Science)	NA	2018-2019	More Than 30 Hours	28	25
56	Food Adulteration: Legal Aspects and Complaint Redressal System (Dept. of Chemistry)	NA	2018-2019	More Than 30 Hours	31	31
57	Soap and Detergents: Entrepreneurial Context (Dept. of Chemistry)	NA	2018-2019	More Than 30 Hours	30	27
58	Value Added Course on Communication Skills (Dept. of English)	NA	2018-2019	More Than 30 Hr	23	23
59	Understanding Physics using Computer Software (Dept. of Physics)	NA	2017-2018	More Than 30 Hours	29	26
60	Applied Zoology for Entrepreneurs (Dept. of Zoology)	NA	2017-2018	More Than 30 Hours	28	25
61	Molecular Techniques and Molecular Modelling (Dept. of Biotechnology)	NA	2017-2018	More Than 30 Hours	24	24
62	Web Development (Dept. of Computer Science)	Na	2017-2018	More Than 30 Hours	30	30
63	Programming and Problem Solving Through Python (Dept. of Computer Science)	NA	2017-2018	More Than 30 Hours	30	28
64	Food Adulteration & Its Detection (Dept. of Chemistry)	NA	2017-2018	More Than 30 Hours	29	26