



Shri Shivaji Education Society, Amravati's
SCIENCE COLLEGE

Congress Nagar, Nagpur - 440 012 (M.S.) INDIA

'A+' Grade with 3.51 CGPA in 3rd Cycle

College with Potential for Excellence

Recognised Centre for Higher Learning & Research

Institutional Member of APQN

A Mentor College under UGC PARAMARSH Scheme

An ISO 21001:2018 Certified Institution

NIRF 2024 Rank-band : 201-300



E-mail: shivajiscience_ngp@yahoo.com Web : www.sscnagpur.ac.in



4th Cycle

Assessment & Accreditation by NAAC

CRITERION- I CURRICULAR ASPECTS

Metric No. :1.2.1-Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)



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Shri Harshvardhan P. Deshmukh
President

Dr. Omraj S. Deshmukh
Principal

- 'A+' Grade with 3.51 CGPA (3rd Cycle) Reassessment College by NAAC, Bangalore
- A College with Potential for Excellence identified by UGC, New Delhi
- Member, APQN (Asia Pacific Quality Network)
- Recognized Centre for Higher Learning & Research
- Mentor College under 'Paramarsh Scheme' UGC, New Delhi
- An ISO 21001 : 2018 Certified Institution



**Dr. Panjabrao alias
Bhausaheb Deshmukh**
Founder President

No. Sc.

Date :

Self Declaration

This is to certify that, the information, reports, true copies of the supporting documents, numerical data, and weblinks furnished in this file are verified by IQAC and the head of the institution and found correct.

Dr. A. A. Halder
IQAC Coordinator
S.S.E.S.A's
Science College, Nagpur

Dr. O. S. Deshmukh
Principal
S.S.E.S. Amravati's
Science College, Nagpur.



Metric No. :1.2.1-Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

2023-24	2022-23	2021-22	2020-21	2019-20	Total
24	11	0	0	10	45

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S. No	Title of Courses	Link	Year
1	CRISPR – Cas 9 Genome Editing	https://sscnagpur.ac.in/Department/Micro-Biology/hash_CRISPR_session_2_coloured_brochure_organized.pdf	2023-2024
2	CRISPR – Cas 9 Genome Editing	https://sscnagpur.ac.in/Department/Micro-Biology/hash_CRISPR_session_2_coloured_brochure_organized.pdf	2023-2024
3	Medical Microbiology and Immunology	https://sscnagpur.ac.in/Department/Micro-Biology/hash_Medical_micro_session_1_coloured_organized.pdf	2023-2024
4	Medical Microbiology and Immunology	https://sscnagpur.ac.in/Department/Micro-Biology/hash_Medical_micro_session_2_coloured_brochure_organized.pdf	2023-2024
5	Metabolomics	https://sscnagpur.ac.in/Department/Biotechnology/Metabolomics_Session_1_Merged.pdf	2023-2024
6	Metabolomics	https://sscnagpur.ac.in/Department/Biotechnology/Metabolomics_session_2_merged.pdf	2023-2024

7	Chemistry Useful in Life	https://sscnagpur.ac.in/Department/Chemistry/add_on_course_2023-24_(1).pdf	2023-2024
8	Physicochemical study of Cement and its perspective	https://sscnagpur.ac.in/Department/Chemistry/New_Final_Add-On_Course_VRK.pdf	2023-2024
9	Computational Chemistry in Separation Science	https://sscnagpur.ac.in/Department/Chemistry/Odd_Sem_pd.pdf	2023-2024
10	Computational Chemistry in Separation Science	https://sscnagpur.ac.in/Department/Chemistry/even_sem_pd.pdf	2023-2024
11	Haematology	https://sscnagpur.ac.in/Department/Zoology/haematology_session_1.pdf	2023-2024
12	Haematology	https://sscnagpur.ac.in/Department/Zoology/haematology_session_2.pdf	2023-2024
13	Certificate Course in Aromatics and Medicinal Plants and their Uses in Naturopathy (Plant Science)	https://sscnagpur.ac.in/Department/Botany/Odd_Sem-Add-on_2023-2024_Aromatics_&_Medicinal_Plants_&_Their_Uses_In_Naturopathy%E2%80%9D(.pdf	2023-2024
14	Certificate Course in Aromatics and Medicinal Plants and their Uses in	https://sscnagpur.ac.in/Department/Botany/even_Add_on_2023-2024_Aromatics_&_Medicinal_Plants_&_Their_Uses_In_Naturopathy%E2%80%9D(.pdf	2023-2024

	Naturopathy (Plant Science)		
15	Vedic Mathematics	https://sscnagpur.ac.in/Department/Mathematics/Final_Add-on_course_vidhya_2023-24.pdf	2023-2024
16	Advanced Ceramics and Composites	https://sscnagpur.ac.in/Department/Physics/PG_23-24_odd_SKS.pdf	2023-2024
17	Physics behind Green Synthesis of Nanoparticles from Medicinal Leaves	https://sscnagpur.ac.in/Department/Physics/17-Green_Synthesis_23-24_Even_SEM_Course.pdf	2023-2024
18	Physics behind Green Synthesis of Nanoparticles from Medicinal Leaves	https://sscnagpur.ac.in/Department/Physics/18-Green_Synthesis_23-24_odd_SEM-Sugandha.pdf	2023-2024
19	Fundamentals of Electronic D.C. Power supply	https://sscnagpur.ac.in/Department/Physics/23-24_odd_BTK_Odd_Sem.pdf	2023-2024
20	Fundamentals of Electronic D.C. Power supply	https://sscnagpur.ac.in/Department/Physics/23-24_even_BTK_Even_Sem.pdf	2023-2024
21	Certificate Course in Deep Learning	https://sscnagpur.ac.in/Department/Computer%20Science/add_on_course_of_60_students.pdf	2023-2024

22	Certificate Course in Deep Learning	https://sscnagpur.ac.in/Department/Computer%20Science/Add_on_course_of_52_students.pdf	2023-2024
23	R- Programming	https://sscnagpur.ac.in/Department/Computer%20Science/ADD-ON.pdf	2023-2024
24	R- Programming	https://sscnagpur.ac.in/Department/Computer%20Science/R_prog_addon.pdf	2023-2024
25	Introduction to Network Security	https://sscnagpur.ac.in/Department/Computer%20Science/NETWORK_SECURITY.pdf	2023-2024
26	Introduction to Network Security	https://sscnagpur.ac.in/Department/Computer%20Science/NETWORK-ADDON.pdf	2023-2024
27	Biofertilizers and Biopesticides	https://sscnagpur.ac.in/Department/Micro-Biology/star_biofertilizer_star_23-24.pdf	2023-2024
28	Fruit Processing and Wine Technology	https://sscnagpur.ac.in/Department/Micro-Biology/Winetech_2023-24_updated_complete_file.pdf	2023-2024
29	Immunology and Immunodiagnostics	https://sscnagpur.ac.in/Department/Biotechnology/Immunology_and_Immunodiagnostics_23-24_(1)_merged.pdf	2023-2024
30	Chemical and Instrumental Analysis of Solid Fuel, Petroleum Products, Ore and Minerals.	https://sscnagpur.ac.in/Department/Chemistry/Final_Report_of_Chemical_Analysis_compressed.pdf	2023-2024

31	IPR Fundamentals	https://sscnagpur.ac.in/Department/Innovation%20and%20Incubation/Final IPR Certificate Course Report.pdf	2023-2024
32	Environmental and Water Management	https://sscnagpur.ac.in/Department/Chemistry/final_P D EVM 23-24.pdf	2023-2024
33	Ground Water Exploration	https://sscnagpur.ac.in/Department/Geology/Skill_base_course_23-24_Report.pdf	2023-2024
34	Mushroom Cultivation	https://sscnagpur.ac.in/Department/Botany/Final_2023 - 24 Skill Based Mushroom Cultivation Certificate course.pdf	2023-2024
35	Web Technology	https://sscnagpur.ac.in/Department/Computer%20Science/Skill Based Course Web Technology Single File Report.pdf	2023-2024

36	Bio-entrepreneurship	https://sscnagpur.ac.in/Department/Micro-Biology/hash_Medical_micro_session_1_coloured_organized.pdf	2022-2023
37	Bio-entrepreneurship	https://sscnagpur.ac.in/Department/Micro-Biology/hash_Bioenter_session_2_coloured_brochure_organized.pdf	2022-2023
38	Nutritional Biochemistry	https://sscnagpur.ac.in/Department/Biotechnology/Nutritinal_Biochemistry_(2022-23)_Session_1_merged.pdf	2022-2023
39	Nutritional Biochemistry	https://sscnagpur.ac.in/Department/Biotechnology/star_Nutritinal_Biochemistry_(2022-23)_Session_2_merged.pdf	2022-2023
40	Healthcare : Biomedical Science	https://sscnagpur.ac.in/Department/Zoology/healthcare_1.pdf	2022-2023
41	Healthcare : Biomedical Science	https://sscnagpur.ac.in/Department/Zoology/healthcare_session_2_(2).pdf	2022-2023
42	Soilless Farming: Hydroponics and Rooftop Farming	https://sscnagpur.ac.in/Department/Botany/ODD_sem_-_Add-on_course_work_Soilless_Farming_Hydroponics_and_Rooftop_Farming_2022-23_(3)_1_(1)_2_.pdf	2022-2023
43	Soilless Farming: Hydroponics and Rooftop Farming	https://sscnagpur.ac.in/Department/Botany/UPDATED_EVEN_SEM_-_Add-on_CertificateCourse-Soilless_Farming_Hydroponics_and_Rooftop_Farming_(4)_1_(2).pdf	2022-2023

44	Certificate Course on Dobsonian Telescope Design, Construction and Use	https://sscnagpur.ac.in/Department/Physics/45-Dobsonian_Telescope_22-23_Even_SEM_Course.pdf	2022-2023
45	Certificate Course on Dobsonian Telescope Design, Construction and Use	https://sscnagpur.ac.in/Department/Physics/44-Dobsonian_Telescope_odd_SEM_22-23_Course.pdf	2022-2023
46	Advanced Ceramics and Composites	https://sscnagpur.ac.in/Department/Physics/PG_22-23_odd_SKS.pdf	2022-2023
47	Environmental Physics : Understanding Climate Change and Renewable Energy	https://sscnagpur.ac.in/Department/Physics/Addon_Course_Dr_G_L_J_odd_2022-23.pdf	2022-2023
48	Artificial Intelligence	https://sscnagpur.ac.in/Department/Computer%20Science/Artificial_Intelligence1.pdf	2022-2023
49	Artificial Intelligence	https://sscnagpur.ac.in/Department/Computer%20Science/Artificial_Intelligencea.pdf	2022-2023
50	Introduction to Android Programing	https://sscnagpur.ac.in/Department/Computer%20Science/android_programming.pdf	2022-2023
51	Introduction to Android Programing	https://sscnagpur.ac.in/Department/Computer%20Science/android_programming_1.pdf	2022-2023
52	Certificate Course on Soil and Water Conservation	https://sscnagpur.ac.in/Department/Geology/1____1..Add_on_Course_in_Soil_and_water_conservation_(2).docx.pdf	2022-2023

53	Certificate Course on Soil and Water Conservation	https://sscnagpur.ac.in/Department/Geology/1.44_students_Copy_of_2022-23_Add_on_Course_in_Soil_and_water_conservation_(1).pdf	2022-2023
54	Integrating Excel in to Chemical Analysis	https://sscnagpur.ac.in/Department/Chemistry/New_Integrating_excel_Sarang22-23.pdf	2022-2023
55	Integrating Excel in to Chemical Analysis	https://sscnagpur.ac.in/Department/Chemistry/Integrating_excel_Sarang22-23_odd.pdf	2022-2023
56	Chemistry Useful in Life	https://sscnagpur.ac.in/Department/Chemistry/add_on_corrected_2022-23(2).pdf	2022-2023
57	Vedic Mathematics	https://sscnagpur.ac.in/Department/Mathematics/Final_Add-on_course_vidhya_2022-23_corrected.pdf	2022-2023
58	Chemistry for Entrepreneurship and Production	https://sscnagpur.ac.in/Department/Chemistry/RAD_Skill.pdf	2022-2023
59	Chemistry for Entrepreneurship and Production	https://sscnagpur.ac.in/Department/Chemistry/Addon_course_2_Reshal_Deshmukh_13-Jun-2024_10-26-45[1]_Copy_(1)-merged_compressed.pdf	2022-2023
60	Biofertilizers and Biopesticides	https://sscnagpur.ac.in/Department/Micro-Biology/star_biofertilizer_star_22-23_new_(1).pdf	2022-2023
61	Immunology and Immunodiagnosics	https://sscnagpur.ac.in/Department/Biotechnology/Immunology_and_Immunodiagnosics_22-23.pdf	2022-2023
62	Fruit Processing and Wine Technology	https://sscnagpur.ac.in/Department/Micro-Biology/Final_Updated_wine_tech_22-23.pdf	2022-2023

63	Ground Water Exploration	https://sscnagpur.ac.in/Department/Geology/2022-23_Skill_Base_Course.pdf	2022-2023
64	Mushroom Cultivation	https://sscnagpur.ac.in/Department/Botany/Final_2022-23_skill_based-Mushroom_Cultivation.pdf	2022-2023
65	Environmental and Water Management	file:///C:/Users/Admin/Desktop/Chemistry/YKM_22-23.pdf	2022-2023
66	Fruit Processing and Wine Technology	https://sscnagpur.ac.in/Department/Micro-Biology/Complete_file_Winotech_2021-22.pdf	2021-2022
67	Adulteration	https://sscnagpur.ac.in/Department/Chemistry/YKM_a du19-20_B-2.pdf	2019-2020
68	Adulteration	https://sscnagpur.ac.in/Department/Chemistry/Cert_course_19-20_Adulteration_Batch_-1.pdf	2019-2020
69	Fundamentals in Chemistry	https://sscnagpur.ac.in/Department/Chemistry/psu_add on_course_final_222.pdf	2019-2020
70	Bioinformatics and Computational Biology	https://sscnagpur.ac.in/Department/Micro-Biology/hash_Bioinfo_session_1_coloured_organized.pdf	2019-2020
71	Bioinformatics and Computational Biology	https://sscnagpur.ac.in/Department/Micro-Biology/hash_Bioinfo_session_2_coloured_brochure_organized.pdf	2019-2020
72	Industrial Biotechnology	https://sscnagpur.ac.in/Department/Biotechnology/Industrial_Biotech_Session_1_Merged.pdf	2019-2020

73	Industrial Biotechnology	https://sscnagpur.ac.in/Department/Biotechnology/Industrial_biotech_(2019-20_)Session_2_merged.pdf	2019-2020
74	Sustainable Waste Management by Earthworm and Worm Manure.	https://sscnagpur.ac.in/Department/Zoology/vermicompost_session_1[1].pdf	2019-2020
75	Sustainable Waste Management by Earthworm and Worm Manure.	https://sscnagpur.ac.in/Department/Zoology/vermicompost_session_2.pdf	2019-2020
76	Floriculture and Landscaping	https://sscnagpur.ac.in/Department/Botany/1.Final_2019-20-Floriculture_and_Landscaping_Certificate_Course.pdf	2019-2020
77	Floriculture and Landscaping	https://sscnagpur.ac.in/Department/Botany/2-Final_2019-20-Floriculture_and_Landscaping_Addon_Course.pdf	2019-2020
78	Exploration in Astronomy	https://sscnagpur.ac.in/Department/Physics/Addon_Course_1_S_W_Anwane_odd_2019-20.pdf	2019-2020
79	Exploration in Astronomy	https://sscnagpur.ac.in/Department/Physics/Addon_Course_1_S_W_Anwane_even_2019-20.pdf	2019-2020
80	Introduction to HTML	https://sscnagpur.ac.in/Department/Computer%20Science/HTML.pdf	2019-2020
81	Introduction to HTML	https://sscnagpur.ac.in/Department/Computer%20Science/HTML.pdf	2019-2020
82	Introduction to Python Programming	https://sscnagpur.ac.in/Department/Computer%20Science/PYTHON_PROGRAMMING.pdf	2019-2020

83	Introduction to Python Programming	https://sscnagpur.ac.in/Department/Computer%20Science/PYTHON.pdf	2019-2020
84	Basic Petroleum Geology	https://sscnagpur.ac.in/Department/Geology/Add_on_Final_Report_Recent.pdf	2019-2020
85	Basic Petroleum Geology	https://sscnagpur.ac.in/Department/Geology/Addon_course_Basic_Petroleum_2nd_session.pdf	2019-2020
86	Biofertilizers and Biopesticides	https://sscnagpur.ac.in/Department/Micro-Biology/hash_biofertilizer_19-20_star_coloured.pdf	2019-2020
87	Fruit Processing and Wine Technology	https://sscnagpur.ac.in/Department/Micro-Biology/Complete_File_Winotech_2019-20.pdf	2019-2020
88	Fruit Processing and Wine Technology	https://sscnagpur.ac.in/Department/Micro-Biology/Complete_File_Winotech_2019-20.pdf	2019-2020
89	Immunology and Immunodiagnostics	https://sscnagpur.ac.in/Department/Biotechnology/Immunodiagnostics_19-20.pdf	2019-2020
90	Ground Water Exploration	https://sscnagpur.ac.in/Department/Geology/2019-20_Skill_Base_Course.pdf	2019-2020
91	Mushroom Cultivation	https://sscnagpur.ac.in/Department/Botany/Final_2019-20-Mushroom_Cultivation_Certificate_Course_(3).pdf	2019-2020
92	Environmental and Water Management	https://sscnagpur.ac.in/Department/Chemistry/YKM19-20.pdf	2019-2020

NOTE:

1. The number of Add-on Courses without repetition is 45.
2. Certificates of Skill-based Courses for session 2023 24 have not been received from RTM Nagpur University Nagpur.



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