SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

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PART- ONE

Thursday, the 28th November, 2024

DIRECTION

No. 104/2024 Date :- 28/11/2024

Subject:- Examinations leading to the Post Graduate Diploma in Data Analysis [One Year Two Semesters Course under National Education Policy] in the Faculty of Science & Technology, Direction, 2024.

Whereas, Government of Maharashtra vide its order No. – मान्यता-2023/प्र.क्र.१०५/मशि-४, दिनांक १५ जून २०२३has sanctioned Post Graduate Diploma in Data Analysisawarded to the colleges affiliated to the University and accordingly a Notification No. 103/2023, dated 28/07/2023 regarding affiliation has been issued in this regard by the University,

AND

Whereas, the Board of Study in Computer Science (Computer Application and Computer Science (Computer Software) in its meeting dated 01/07/2024 has resolved to institute the said Degree as per Section 33(f) and 31(s) of Maharashtra Public Universities Act, 2016,

AND

Whereas, the Management Council vide its Item No. 119 dated 14/06/2024 has given approval for the institution of said diploma as per section 31(s) of Maharashtra Public Universities Act, 2016

AND

Whereas, the Board of Study in Computer Science (including Computer Application and Computer Science) (Computer Software) has prepared the Syllabi and Teaching, Learning, Examination and Evaluation Scheme of the said programme as per National Educational Policy and recommend the same to the Faculty of Science and Technology vide Item No. 40 ,

AND

Whereas, the Faculty of Science and Technology in its meeting dated 09/07/2024 has approved the recommendation of the Board of Study in Computer Science (including Computer Application and Computer Science) (Computer Software) and recommend it to the Academic Council,

AND

Whereas, Hon'ble Vice-Chancellor has approved the recommendation of the Faculty of Science and Technology pertaining to the Item No. 15(1) D- R-1 under sub section (7) of Section 12 on behalf of the Academic Council on 25/07/2024,

AND

Whereas, the said programme is to be implementedfrom the Academic Session 2024-2025underNational Educational Policy,

AND

Whereas, the Scheme of Teaching, Learning, Examination and Evaluation of Semester I & IIof the programme of Post Graduate Diploma in Data Analysisis to be regulated by issuing an Ordinance,

AND

Whereas making an Ordinance is a time consuming process.

Now, therefore I, Dr.MilindBarhate, Vice-Chancellor, SantGadge Baba Amravati University, Amravati in exercise of powers conferred upon me under Sub-section (8) of Section 12 of the Maharashtra Public Universities Act, 2016 do hereby direct as under :-

1. This Direction may be called "Examinations leading to the Post Graduate Diploma in Data Analysis[One Year Two SemestersProgramme] in the Faculty of Science & Technology", Direction, 2024**.**
2. This Direction shall come into force with effect from the date of its issuance to be implemented from the Academic Session 2023-2024onwards.
3. The Duration of each semester of the new Course Diploma in Data Analysis[One Year Two Semesters Programme]shall be of six months.

4. Following shall be the Examinations leading to the Post Graduate Diploma in Data Analysis[One Year Two SemestersProgramme]namely:

(i) Post Graduate Diploma in Data Analysis Semester I and
(ii) Post Graduate Diploma in Data AnalysisSemester II.

5. (i) The examination specified in paragraph 4 above shall be held twice in a year and at such places and on such dates as may be appointed by the University.
(ii) Main Examination of Semester I shall be held in Winter and Supplementary Examination shall be held in Summer.
(iii) Main Examination of Semester II shall be held in Summer and Supplementary Examination shall be held in Winter.

6. Eligibility Criteria for Admission:
The candidate who have passed a Bachelor's Degree from any facuty with subjects like information technology/ComputerScience/ComputerApplication/Bioinformatics/Statistics/Mathematics/Electronics/Electronics & Telecommunication/Physics/Chemistry//Forensic Science as on of the subjects, B.Voc.Courses approved by NASSCOM or IT-ITes Sector Skills Council in Data Analytics, Information Technology, etc. from the University or any other Statutory University or any other degree equivalent thereto shall be eligible to take admission for the course.

7. For purposes of instruction and examinations the students shall study sequentially.

8. The Examinations shall be held at such places and on such dates as may be notified by the University.

9. Subject to his/her compliance with the provisions of this Direction and of other Ordinances (Pertaining to Examinations in General) in force from time to time, the student for admission, at the end of the course of study of a particular term shall be eligible to appear at it, if,

i) the student satisfied the condition in the table and the provision thereunder.

TABLE – I

Sr. No	Name of Examination	The student should have completed the Session / term satisfactorily
1	2	3
1	Post Graduate Diploma in Data Analysis	Semester I
2	Post Graduate Diploma in Data Analysis	Semester II

(**Note**: Subjects prescribed and numbered in the Scheme of Examination shall be treated as separate subjects.

However, the Theory and Practical, if any, of the subject shall be treated as separate Head of Passing.)

ii) the student has compiled with the provisions of Ordinance pertaining to Examination in general.

iii) the student has prosecuted a regular course of study in the University Department /College affiliated to theUniversity.

iv) the student has in the opinion of the Head of the Department/Principal shown satisfactory progress in his / herstudies.

10. Papers and the practicals in which an examinee is to be examined, maximum marks for these and the minimum pass marks which an examinee must obtain in order to pass in the subject and the examination are detailed in the Examination Scheme.

11. Examination fees for each part of the examination and also the Practical examination shall be as prescribed by the University from time to time.

12. The Scheme of Teaching, Learning, Examination & Evaluation shall be as per "**Appendix-A**" appended with this Direction.

13. i) The scope of the subject is as indicated in the syllabus.
ii) The medium of instruction and examination shall be English.

14. The fees for each part of the Examinations (Theory & Practical) shall be as prescribed by University from from time to time.

15. The computation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA of an examinee shall be as given below :-

The marks will be given in all examinations which will include college assessment marks and the total marks for each Theory / Practical shall be converted into Grades as per **Table II**.

SGPA shall be calculated based on Grade Points corresponding to Grade as given in Table II and the Credits allotted to respective Theory / Practical shown in the scheme for respective Semester.

SGPA shall be computed for Semester I & II and CGPA shall be computed in Semester II based on SGPA of Semester I & II of P.G.D.C.S. Course. :-

SGPA = C1 x G1 + C2 x G2 + ... + Cn x Gn C1 + C2 + ... + Cn

Where C1 = Credit of individual Theory / Practical

G1 = Corresponding Grade Point obtained in the respective Theory / Practical

CGPA = (SGPA) I X (Cr) I + (SGPA) II X (Cr) II
(Cr) I X (Cr) II

Where (SGPA) I = SGPA of I Semester
(Cr) I = Total Credits for I Semester
(SGPA) II = SGPA of II Semester
(Cr) I = Total Credits for II Semester

CGPA equal to 6.00 and above shall be considered as equivalent to First Classwhich shall be mentioned on Grade Card of II Semester as a foot note.

TABLE II

THEORY

Grade	Percentage of Marks	Grade Points
AA	80 ≤ Marks ≤ 100	10
AB	70 ≤ Marks < 80	9
BB	60 ≤ Marks < 70	8
BC	55 ≤ Marks < 60	7
CC	50 ≤ Marks < 55	6
CD	45 ≤ Marks < 50	5
DD	40 ≤ Marks < 45	4
FF	00 ≤ Marks < 40	0
ZZ	Absent in Examination	---

PRACTICAL

Grade	Percentage of Marks	Grade Points
AA	85 ≤ Marks ≤ 100	10
AB	80 ≤ Marks < 85	9
BB	70 ≤ Marks < 80	8
BC	70 ≤ Marks <75	7
CC	65 ≤ Marks <70	6
CD	60 ≤ Marks <65	5
DD	50 ≤ Marks <60	4
FF	00 ≤ Marks <50	0
ZZ	Absent in Examination	---

16. Provisions of Ordinance No.18 of 2001 in respect of an Ordinance to provide grace marks for passing in a Head of passing and improvement of Division (Higher Class) and getting distinction in the subject and condonation of deficiency of marks in a subject in all the faculties prescribed by the Direction No.15 of 2017 and Ordinance No. 18 of 2001 shall apply to each examination under this Direction.

17. An examinee who does not pass or who fails to present himself/ herself for the examination shall be eligible for readmission to the same examination, on payment of fresh fees and such other fees as may be prescribed.

18. As soon as possible after the examination, the Board of Examinations shall publish a result of the examinees. The result of the Examination of final Semester of the Course Post Graduate Diploma in Data Analysis]shall be classified as above and merit list shall be notified as per Ordinance No.6.

19. Notwithstanding anything to the contrary in this Direction, no person shall be admitted to an examination under this Direction, if he/she has already passed the same examination or an equivalent examination of any Statutory University.

20. The examinees who have passed in all the subjects prescribed for Semester I and Semester II of the examination of the Diploma Course shall be eligible for award of P.G.Diploma in Data Analysis.

Sd/-
(Dr. Milind A. Barhate)
Vice-Chancellor

Date : 28 /11/2024

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SANT GAUGE BABA AMRAVATI UNIVERSITY, AMRAVATI

Scheme of Teaching, Learning & Examination leading to the P. G. Diploma in Data Analysis (NEP)

(One Year Two Semesters P. G. Diploma Programme)

Curriculum Scheme for First Year PG Diploma in Data Analysis SEM I & II

Sr.No.	Course Category	Subject Code No.	Subject/ Course	Credit	Teaching and Learning Scheme			Hours /Week	Examination and Valuation Scheme									
									Theory					Practical				
Semester -1					Lectures	Tutorial	Practical		Duration of Paper (Hrs)	Max Marks Theory Papers	Max Marks Sessional	Total	Min Pass Marks	Duration of Exam	External Marks	Internal Marks	Total	Mm Pass Marks Grade
1	**Pre requisite Mandatory**	**0PGDDA**	**Introduction to Computers**	**0**	**2**		**-**	**2**	**2**	**40**	**10**	**50**	**25**	**-**	**-**	**-**	**-**	
2	Core/Major	1PGDDA1	Basics of Data Analysis	4	4	-	-	4	3	70	30	100	50	-	-	-	-	-
3	Core/Major	1PGDDA2	Business Analysis using MS-Excel	4	4		-	4	3	70	30	100	50	-	-	-	-	-
4	Core/Major	1PGDDA3	Python Language	4	4	-	-	4	3	70	30	100	50	-	-	-	-	-
5	Lab	1PGDDA4	Lab-1: based on 1PGDDA2 and 1PGDDA3	2	-	-	4	4	-	-	-	-	-	3	25	25	50	25
6	Skill	1PGDDA5	Project/Seminar-I	4	-	-	8	8	-	-	-	-	-	3	50	50	100	25
7	Skill	1PGDDA6	Internship/Field Visit *	2	-	-	4	2	-	-	-	-	-			50	50	25
			TOTAL	**20**	**14**	**-**	**16**	**28**		**250**	**100**	**350**			**75**	**125**	**200**	
Semester-2																		
1	Core/Major	2PGDDA1	RDBMS and PL/SQL	4	4	-	-	4	3	70	30	100	50	-	-	-	-	-
2	Core/Major	2PGDDA2	R Programming	4	4	-	-	4	3	70	30	100	50	-	-	-	-	-
3	Core/Major	2PGDDA3	Data Analytics using R and Python	4	4	-	-	4	3	70	30	100	50	-	-	-	-	-
4	Lab	2PGDDA4	Lab-2: based on 2PGDDA2 and 2PGDDA3	2	-	-	4	4	-	-	-	-	-	3	25	25	50	25
5	Skill	2PGDDA5	Project/Seminar-II	6	-	-	12	12	-	-	-	-	-	3	100	100	200	100
			Total	**20**	**12**		**16**	**28**		**210**	**90**	**300**	**-**	**-**	**125**	**125**	**250**	**-**

Students are required to undertake mandatory internship Apprenticeship/Field Work/Work Experience (During vacation of Semester I) for duration of 60 hours, certified by authentic responsibles during vacation of Semester I. This will carry 2 Credit for learning of 60 hours. Its credits and grades will be reflected in final semester II Credit grade report.