



"Education for Knowledge, Science, and Culture"

- Shikshanmahareshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

**Vivekanand College, Kolhapur
(Autonomous)**



Department of Mathematics

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CO-PO-PSO Attainment of B.Sc. III 2021-22

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KOLHAPUR (AUTONOMOUS)

Department of Mathematics

B.Sc. I/II/III

CO-PO-PSO Attainment verification 2021-22

CO attainment verification:

Course Name	Course Code	CO Target	CO Attainment	Fully attained or not	Level	Action taken
Calculus, Algebra and Geometry	DSC-1003A	3	1.2	Not attained	Average	Need to focus overall
Multivariable Calculus and Ordinary Differential Equation	DSC-1003B	3	2.8	Not attained	Excellent	Need to focus on final exam
Differential Calculus and Integral Calculus	DSC-1003C	3	2	Not attained	Very Good	Need to focus overall
Discrete Mathematics and Integral Transform	DSC-1003D	3	2.6	Not attained	Excellent	Need to focus on final exam
Real Analysis and Modern Algebra	DSC-1003E1	3	2.8	Not attained	Excellent	Need to focus on final exam
Matrix Algebra and Numerical Methods I	DSC-1003E2	3	2.8	Not attained	Excellent	Need to focus on final exam
Metric Spaces and Linear Algebra	DSC-1003F1	3	2	Not attained	Very Good	Need to focus overall
Complex Analysis and Numerical Methods II	DSC-1003F2	3	2	Not attained	Very Good	Need to focus overall



PO verification:

PO	Attainment	Level
PO1	2.275	Very Good
PO2	2.390	Very Good
PO3	2.266	Very Good
PO4	2.258	Very Good
PO5	2.364	Very Good

PSO verification:

PSO	Attainment	Level
PSO1	2.191	Very Good
PSO2	2.284	Very Good
PSO3	2.279	Very Good
PSO4	2.265	Very Good
PSO5	2.331	Very Good




(S.P. PATANKAR)
HEAD
DEPARTMENT OF MATHEMATICS
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

Vivekanand College, Kolhapur (Autonomous)
Department of Mathematics
CO/PO/PSO attainment calculation
B.Sc. I/II/III
(Year 2021-2022)

PO's:

- PO1:** To acquire knowledge with facts.
- PO2:** To acquire the skills in handling scientific instruments.
- PO3:** To develop scientific outlook with respect to science subject.
- PO4:** To analyse the given scientific data critically and systematically.
- PO5:** To realize ethical moral and social values in personal and social life.

PSO's:

- PSO1:** Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.
- PSO2:** Acquire good knowledge and understanding advanced areas of mathematics chosen by students from given course.
- PSO3:** Students should be able to recall basic facts about mathematics and train the students to extract information, formulate and solve problems in systematic and logical manner.
- PSO4:** Students will learn numerical aptitude applying both qualitative and quantitative knowledge for their further career
- PSO5:** Students learn how to apply mathematical concepts to practical and real-life problems.

Course I: Differential Calculus (DSC - 1003A)

CO1: Understand higher order derivative and its application

CO2: Identify a asymptote of function and sketch the graph of the function

CO3: Understand the consequences of various mean value theorems on differentiable functions

CO4: Calculate the limit and examine the continuity of a function at a point

CO5: Employ theorem on properties of continuity in various examples

CO6: Understand the geometrical interpretation of mean value theorem

Course II: Differential Equations (DSC - 1003B)

CO1: Learn various techniques of getting exact solutions of solvable first order differential equations and linear differential equations of higher order

CO2: Calculate P. I. and C.F. of different types of differential equations

CO3: Learn the technique of solving Clairauts equation

CO4: Solve homogeneous and non - homogeneous partial differential equation

CO5: Solve differential equation of degree more than one

CO6: Classify the partial differential equations

Course III: Differential and Integral Calculus (DSC - 1003C)

CO1: Calculate the different problems by using Jacobian

CO2: Make use of concept of derivative to study different curves geometrically

CO3: Identify a asymptote of function and sketch the graph of the function

CO4: Make use of vector differentiation to study various physical phenomenon

CO5: Solve improper integral by using beta and gamma function.

CO6: Use double and triple integration to find the area, volume of the given region

Course V: Matrix Algebra and Numerical Methods-I (DSC -1003 E2)

CO1: Learn Terminologies related with matrices.

CO2: To solve system of homogeneous and non-homogeneous equations

CO3: Calculate eigen values and corresponding eigen vectors of square matrix

CO4: Calculate the translation, dilation, rotation of point, line and plane by using matrices

CO5: Use approximate numerical methods and determine the solutions to give non-linear equations

CO6: Use appropriate numerical methods and determine approximate solutions to systems of linear equations and ordinary differential equations.

CO7: Learn numerical methods to calculate eigen value

CO8: Learn numerical method to find solution of system of equations

Course VI: Metric Spaces and Linear Algebra

(DSC-1003 F1)

CO1: Learn Metric spaces and its different types.

CO2: Apply the notion of metric space to continuous functions on metric spaces

CO3: Demonstrate the properties of continuous function on metric space

CO4: Understand the basic concepts of connectedness, completeness and compactness of metric space

CO5: Understand the concept of Vector spaces and operators on them.

CO6: Learn properties of Inner product spaces

CO7: Learn basic concept of linear transformation, dimension theorem

CO8: Familiarize characteristic roots and characteristic vectors.

Course VIII: Complex Analysis and Numerical Methods-II

(DSC -1003F2)

CO1: Familiarize with Basic concepts of functions of theory of functions of complex variable.

CO2: Learn Differentiation and Integration of complex valued functions

CO3: Apply Cauchy integral formula to calculate integrals

CO4: Represent functions as Taylor, power and Laurent series, classify singularities and poles, find residues and evaluate complex integrals using the residue theorem

CO5: Use appropriate numerical methods to evaluate the integration

CO6: Demonstrate the use of interpolation methods to find intermediate values in given graphical and/or tabulated data for unequally spaced data

CO7: Demonstrate the use of interpolation methods to find intermediate values in given graphical and/or tabulated data for equally spaced data

CO8: Learn to find the solutions of ordinary differential equations by Euler, Taylor and Runge Kutta Method.

Articulation matrix for

Course I:(DSC-1003A)

Outcomes	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	2	0	0	2	2	2	1	1
CO2	2	0	2	2	0	2	3	2	1	2
CO3	2	0	1	2	0	1	1	2	1	1
CO4	2	0	1	1	0	2	2	1	0	1
CO5	2	0	1	1	0	2	2	2	1	1
CO6	2	0	1	3	0	2	2	2	2	2
Average	2	0	1.3333	1.5	0	1.8333	2	1.8333	1	1.3333

Course II:(DSC -1003B)

Outcome s	PO 1	PO 2	PO3	PO 4	PO 5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	2	0	0	2	2	2	1	1
CO2	2	0	2	2	0	2	2	1	1	1
CO3	2	0	1	2	0	1	2	1	0	2
CO4	2	0	1	1	0	2	2	2	1	2
CO5	2	0	1	1	0	2	2	2	1	2
CO6	2	0	1	3	0	1	1	2	1	3
Average	2	0	1.333 3	1.5	0	1.666 7	1.833 3	1.666 7	0.833 3	1.833 3

Course III: (DSC -1003C)

Outcomes	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	2	2	0	3	3	2	3	1
CO2	2	1	1	2	0	1	2	2	1	0
CO3	2	0	0	1	0	0	0	2	2	0
CO4	2	0	1	1	0	1	1	2	2	0
CO5	2	0	1	0	0	2	2	1	1	0
CO6	2	0	0	0	0	0	1	1	0	0
CO7	2	0	1	0	0	2	2	2	0	0
CO8	2	0	1	1	0	2	2	2	0	2
Average	2	0.125	0.875	0.875	0	1.375	1.625	1.75	1.125	0.375

Course IV: (DSC -1003D)

Outcomes	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	1	0	3	2	2	1	0
CO2	2	0	1	1	0	1	1	2	0	0
CO3	2	0	1	2	0	2	2	2	0	0
CO4	2	0	1	2	0	1	2	1	0	1
CO5	2	0	1	0	0	2	2	2	0	1
CO6	2	0	1	0	0	0	2	2	0	0
CO7	2	0	2	0	0	1	2	2	0	0
CO8	2	0	2	1	0	1	3	3	1	1
Average	2	0	1.25	0.875	0	1.375	2	2	0.25	0.375

Course V: (DSC -1003E1)

Outcomes	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	1	0	0	2	3	1	1
CO2	2	0	1	1	0	1	3	3	1	2
CO3	2	0	1	1	0	0	3	2	0	1
CO4	2	0	0	1	0	1	2	2	1	1
CO5	2	0	1	1	0	1	2	2	0	3
CO6	2	0	1	1	0	1	3	3	0	2
CO7	2	0	1	1	0	0	2	2	1	1
CO8	2	0	1	1	0	0	3	2	1	1
Average	2	0	0.875	1	0	0.5	2.5	2.375	0.625	1.5

Course VI: (DSC -1003E2)

Outcomes	PO1	PO2	PO3	PO4	PO5	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	1	0	1	3	2	2	2
CO2	2	0	1	1	0	1	2	3	1	2
CO3	2	0	1	1	0	0	2	2	0	2
CO4	2	1	1	1	0	1	2	3	2	2
CO5	2	1	2	1	1	1	2	2	2	3
CO6	2	1	2	1	0	1	2	3	2	2
CO7	2	0	2	1	0	1	3	2	2	2
CO8	2	1	1	1	0	1	3	2	1	2
Average	2	0.5	1.375	1	0.125	0.875	2.375	2.375	1.5	2.125

Course VII: (DSC -1003F1)

Outcomes	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
C01	2	0	1	0	0	1	2	3	0	1
C02	2	0	1	0	0	1	3	3	0	1
C03	2	0	1	0	0	1	2	3	0	1
C04	2	0	0	1	0	1	3	2	0	2
C05	2	0	1	1	0	1	2	2	0	1
C06	2	0	1	0	0	1	3	2	0	1
C07	2	0	1	1	0	1	2	3	0	1
C08	2	0	1	1	0	0	3	2	1	1
Average	2	0	0.875	0.5	0	0.875	2.5	2.5	0.125	1.125

Course VIII: (DSC -1003F2)

Outcomes	P01	P02	P03	P04	P05	PSO1	PSO2	PSO3	PSO4	PSO5
C01	2	0	1	1	0	1	2	3	2	2
C02	2	0	1	1	0	1	3	3	1	2
C03	2	0	1	1	0	0	3	2	0	1
C04	2	1	1	1	0	1	2	3	2	2
C05	2	1	2	1	1	1	3	3	1	2
C06	2	0	2	1	0	1	3	3	2	2
C07	2	0	1	1	0	0	2	2	1	2
C08	2	1	2	1	1	1	3	3	2	3
Average	2	0.375	1.25	1	0.25	0.75	2.625	2.75	1.375	2

YEAR 2021-22 : Students Marklist

Roll No.	NAME	SEM I		SEM II		SEM III		SEM IV		SEM V		SEM VI	
		DSC-1003A (CIE)	DSC-1003B (CA)	DSC-1003C (CIE)	DSC-1003D (CA)	DSC-1003E1 (CIE)	DSC-1003E2 (CA)	DSC-1003F1 (CIE)	DSC-1003F2 (CA)	DSC-1003F1 (CIE)	DSC-1003F2 (CA)	DSC-1003F1 (CIE)	DSC-1003F2 (CA)
7874	Vasundara bendake	15	63	17	69	18	71	17	62	18	71	17	60
7875	Samiksha Bhosale	19	58	19	51	19	60	19	80	20	76	19	56
7895	Vaishali Shivanand patil	19	68	18	66	20	65	19	78	20	64	19	52
7901	Sejal Vijay Tonpe	15	48	20	64	14	68	20	52	20	60	19	48
7891	Pranita Rajendra Patil	15	68	20	74	20	68	20	60	20	76	20	52
7880	KHAMKAR AKASH BABURAO	20	76	20	78	20	76	20	76	20	72	20	68
7884	Samruddhi Gunda Magdum	20	78	20	79	20	80	20	68	20	72	19	52
7883	NIKITA PRAKASH KOTI	20	68	20	61	19	72	20	62	20	76	19	36
7893	Shreya shahaji patil	18	75	20	78	20	80	20	80	20	72	20	76
7885	Madhumati Tanaji More	16	57	20	61	18	80	20	76	20	80	19	55
7879	Mrunali Ramesh kamble	20	48	20	53	12	72	20	76	20	72	19	55
7897	Rutuja Arvind Randive	15	69	20	75	14	68	20	56	20	72	19	77
7788	Sangeeta Ramawat Parveek	18	80	20	71	18	76	20	64	19	65	19	68
7894	Shriya Suresh Patil	18	68	20	74	18	80	20	64	19	66	20	77
7873	Ashwini Rajaram Barkar	18	64	20	72	16	64	20	68	20	72	19	75
7889	Sumit Parit	19	57	20	63	18	69	19	75	17	69	18	72
7876	Fiza Sikander Desai	11	28	14	42	20	72	8	44	18	44	18	44
7892	Rohini Vilas Patil	18	61	20	71	18	80	18	68	20	76	19	64
7882	Shweta jitendra koshati	18	71	20	76	20	80	18	74	20	76	20	72
7886	Saniya Niyaj Mujawar	9	43	18	71	18	50	20	68	20	68	19	63
7588	VAIBHAV MARUTI KADVEKAR	13	51	16	60	16	64	15	67	19	67	19	59
7877	Pratiksha Jitendra Desai	16	67	18	80	20	80	20	64	20	68	19	68
7881	Abhinandan Laxman Kolekar	12	42	20	75	14	72	20	52	19	79	19	63
7898	Srushti Ravindra Tandale	11	57	20	63	20	68	20	68	19	79	17	57
7899	Pranjali Anandkumar Terdale	16	38	20	59	20	72	20	56	19	64	17	40
7900	VAIBHAV MAHENDRA THANEKAR	12	45	20	77	20	92	18	62	20	72	19	63
7573	Ajay Rajput	14	46	18	59	20	32	18	48	20	40	19	44
7887	Rahim Nurmahamad Nagari	15	52	18	34	20	80	20	52	20	76	19	60
7895	kalyani patil	9	40	20	60	20	68	18	78	20	73	20	68
7282	shivani Bagadi	9	56	20	64	18	46	20	44	18	71	18	52

CA : Theory

CIE: Internal

FEEDBACK FORM QUESTIONS:

Q.1 How do you rate the syllabus of the courses that you have studied in relation to the capability expected out of the course?

Q.2. How do you rate the usefulness of the units in the syllabus relevant to the course?

Q.3. How do you rate the weightage of the credits to the courses

Q.4. How do you rate the offering of electives in terms of their quality to the specialization stream?

Q.5. How do you rate the electives offered in relation to technological advancements?

Q.6. Rate the size of the syllabus in terms of the load of the students.

Q.7. Rate the courses in terms of self-learning considering the design of the courses.

Q.8. How do you rate the evaluation scheme designed for each of the courses?

Q.9. How do you rate the objectives stated for each of the course?

Q.10. How do you rate the percentage of the courses having lab components?

Google Link:

https://docs.google.com/forms/d/e/1FAIpQLSd5YJn1fEcXyVrvspDRfbCeZW61rSVPxy5QXfg1fS_1wn-8Q/viewform?usp=sf_link

https://docs.google.com/forms/d/e/1FAIpQLSeboquAHB_pPcnnOVcidhg2NlbFAQxOjCvahyO4B-rkJTk--A/viewform?usp=sf_link

B.Sc.I Sem I(DSC-1003A)

Roll No.	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
7874	4	2	3	3	3	3	3	4	3	3
7875	5	5	5	5	5	5	5	5	5	5
7895	5	5	5	5	5	5	5	5	5	4
7901	5	5	5	5	5	5	5	5	5	4
7891	2	2	2	2	2	3	2	2	2	2
7880	5	5	5	5	5	5	5	5	5	4
7884	5	4	5	4	5	4	4	5	5	5
7883	5	5	5	5	5	5	5	5	5	5
7893	3	2	5	3	2	2	2	2	2	3
7885	4	4	4	4	4	4	4	4	4	4
7879	2	2	3	4	2	4	5	4	3	2
7897	4	4	5	4	5	3	4	5	4	5
7788	3	3	3	3	4	3	3	3	3	4
7894	5	4	4	4	4	4	4	4	4	4
7873	4	3	2	2	2	2	3	3	5	4
7889	4	4	4	4	4	4	4	4	4	4
7876	4	3	4	4	4	5	5	5	5	5
7892	5	5	5	5	2	2	2	5	5	5
7882	5	5	5	5	5	5	5	5	5	5
7886	3	4	3	3	4	4	4	5	4	4
7588	4	4	3	3	3	4	4	3	4	4
7877	4	5	5	5	5	5	5	5	5	5
7881	4	4	5	5	5	5	5	5	5	5
7898	5	5	4	4	3	4	3	5	4	5
7899	4	4	3	4	4	5	4	3	4	4
7900	4	4	4	4	4	5	4	4	4	4
7573	4	4	4	4	4	4	4	4	4	5
7887	5	5	5	5	5	5	5	5	5	5
7895	4	4	5	5	2	3	5	3	5	3
7282	3	5	5	5	5	5	5	5	5	5

5:Excellent

4: Very Good

3: Good

2: Average

1: Poor

B.Sc.I Sem II(DSC-1003B)

Roll No.	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
7874	2	3	2	4	2	4	4	3	4	3
7875	3	4	4	4	4	4	4	4	4	4
7895	5	5	5	5	5	5	5	5	5	4
7901	5	5	5	5	5	5	5	5	5	4
7891	2	3	2	2	2	3	2	2	2	2
7880	5	4	5	4	4	4	5	5	4	5
7884	5	4	5	4	5	4	5	5	5	5
7883	5	5	5	5	5	5	5	5	5	5
7893	2	3	2	2	5	4	4	4	3	2
7885	3	3	3	3	3	3	3	3	3	3
7879	4	2	4	3	2	4	4	3	2	2
7897	3	4	5	4	5	3	4	5	4	5
7788	3	3	3	3	3	3	4	4	4	4
7894	4	4	4	4	4	4	4	4	4	4
7873	4	4	3	3	4	4	3	3	4	3
7889	3	3	4	4	4	4	4	4	4	4
7876	4	4	4	3	4	4	4	3	5	5
7892	5	5	5	5	2	2		5	5	5
7882	5	5	5	5	5	5	5	5	5	5
7886	2	4	4	4	4	5	3	5	3	4
7588	3	4	3	3	3	4	4	3	4	4
7877	4	5	5	5	5	4	5	5	5	5
7881	4	4	5	5	5	5	5	5	5	5
7898	4	5	4	3	3	4	3	5	4	4
7899	4	4	4	3	4	5	4	4	3	3
7900	4	4	5	5	5	4	5	5	5	5
7573	4	4	4	4	4	4	4	4	4	5
7887	5	4	4	4	4	4	4	4	4	4
7895	4	4	5	5	2	3	5	3	5	3
7282	2	5	5	5	5	5	5	5	5	5

5:Excellent

4: Very Good

3: Good

2: Average

1: Poor

B.Sc.II Sem III(DSC-1003C)

Roll No.	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
7874	3	3	5	4	4	3	4	2	4	4
7875	3	4	4	4	4	4	4	5	4	5
7895	5	5	5	5	5	5	5	5	5	4
7901	5	5	5	5	5	5	5	5	5	4
7891	2	2	2	2	2	2	2	2	2	2
7880	4	5	4	5	4	5	5	5	4	4
7884	5	5	5	5	5	4	5	5	5	5
7883	5	5	5	5	5	5	5	5	5	5
7893	3	2	3	4	2	2	4	2	2	4
7885	4	4	4	4	4	4	3	4	4	4
7879	3	3	3	4	3	3	4	4	3	3
7897	3	4	5	4	5	3	4	5	3	5
7788	3	3	3	3	4	4	4	3	3	4
7894	4	4	4	4	4	4	4	4	4	4
7873	3	4	4	4	2	4	3	3	3	2
7889	3	3	4	4	4	4	4	4	4	4
7876	3	4	5	4	4	4	4	3	4	5
7892	5	4	5	5	2	3		5	5	5
7882	5	5	5	5	5	5	5	5	5	5
7886	2	3	3	3	3	5	3	5	5	3
7588	3	4	3	5	3	4	4	3	3	3
7877	5	5	5	5	5	5	5	5	5	5
7881	3	3	4	4	5	5	5	5	5	5
7898	4	5	3	4	3	3	3	5	5	4
7899	3	3	3	4	4	3	4	4	4	4
7900	5	5	5	4	4	4	5	4	4	4
7573	4	4	4	4	4	4	4	4	4	5
7887	4	5	5	5	5	5	4	4	5	5
7895	4	4	5	5	2	3	5	3	5	3
7282	2	5	5	5	5	5	5	5	5	5

5:Excellent

4: Very Good

3: Good

2: Average

1: Poor

B.Sc.II Sem IV(DSC-1003D)

Roll No.	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
7874	2	4	3	3	5	5	3	3	3	3
7875	3	4	4	4	4	5	4	4	4	5
7895	5	5	5	5	5	5	5	5	5	4
7901	5	5	5	5	5	5	5	5	5	4
7891	2	3	2	2	2	2	2	2	2	2
7880	5	5	5	4	4	5	4	4	4	5
7884	5	5	5	5	5	4	5	5	5	5
7883	5	5	5	5	5	5	5	5	5	5
7893	2	3	3	2		2	2	4	4	2
7885	3	3	3	3	3	3	3	3	3	3
7879	4	4	4	3	4	4	4	5	4	4
7897	3	4	5	4	5	3	4	5	4	5
7788	3	4	3	4	3	3	4	4	3	4
7894	4	4	4	4	4	4	4	4	4	4
7873	4	5	3	3	3	3	3	3	3	3
7889	3	4	4	4	4	4	4	4	4	4
7876	4	3	4	4	5	4	4	5	5	5
7892	5	4	5	5	2	3	3	5	5	5
7882	5	5	5	5	5	5	5	5	5	5
7886	2	3	3	3	5	5	4	5	4	3
7588	3	4	3	5	3	4	4	3	3	3
7877	4	5	5	5	5	4	4	5	5	5
7881	4	4	4	5	4	5	5	5	5	5
7898	4	5	3	4	3	3	3	5	4	3
7899	4	4	4	4	4	3	5	3	3	3
7900	4	5	4	5	5	4	5	4	4	4
7573	4	4	4	4	4	4	4	4	4	5
7887	5	5	4	4	4	4	4	4	4	5
7895	4	4	5	5	2	3	5	3	5	3
7282	2	5	5	5	5	5	5	5	5	5

5:Excellent

4: Very Good

3: Good

2: Average

1: Poor

B.Sc.III Sem V(DSC-1003E1)

Roll No.	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
7874	2	4	4	4	5	4	4	4	5	5
7875	3	4	4	4	4	4	5	4	5	5
7895	5	5	5	5	5	5	5	5	5	4
7901	5	5	5	5	5	5	5	5	5	4
7891	2	2	3	2	2	2	2	2	2	2
7880	5	4	5	4	5	4	4	5	4	5
7884	5	5	5	5	5	4	5	5	5	5
7883	5	5	5	5	5	5	5	5	5	5
7893	3	2	2	5	2	4	4	2	4	4
7885	5	5	5	4	5	4	4	5	4	4
7879	5	4	5	4	5	5	3	4	5	3
7897	5	4	5	5	5	3	4	3	4	5
7788	4	3	3	3	4	4	4	3	4	3
7894	4	4	4	4	4	4	4	4	4	4
7873	4	3	4	4	4	4	3	3	4	4
7889	5	4	4	4	4	4	4	4	4	4
7876	5	4	5	5	4	5	5	4	5	5
7892	5	5	5	5	5	4	3	5	5	5
7882	5	5	5	5	5	5	5	5	5	5
7886	5	5	5	5	4	5	5	5	5	5
7588	4	4	4	5	3	5	5	4	4	4
7877	5	5	5	5	5	5	5	5	5	5
7881	5	5	5	5	5	5	5	5	5	5
7898	4	5	5	5	3	5	3	5	4	3
7899	5	5	3	4	5	5	4	3	4	4
7900	4	4	5	4	5	5	4	4	4	4
7573	4	4	4	4	4	4	4	4	4	5
7887	4	4	5	5	4	5	5	5	5	4
7895	4	5	5	5	2	3	5	3	5	3
7282	2	5	5	5	5	5	5	5	5	5

5:Excellent

4: Very Good

3: Good

2: Average

1: Poor

B.Sc.III Sem V(DSC-1003E2)

Roll No.	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
7874	4	4	4	4	4	4	4	3	3	3
7875	1	1	1	1	1	1	1	1	1	1
7895	4	4	4	4	3	3	3	4	3	3
7901	4	5	4	5	5	5	4	5	5	5
7891	3	3	4	3	3	4	3	3	4	3
7880	3	3	4	4	4	4	4	5	4	3
7884	3	3	4	4	3	4	3	4	4	3
7883	3	3	3	3	3	3	3	3	4	4
7893	5	4	5	4	4	4	4	3	4	5
7885	5	4	4	4	5	4	3	4	4	5
7879	5	5	5	5	4	4	4	5	4	5
7897	3	3	4	3	3	3	3	4	4	3
7788	2	3	5	5	5	5	5	4	3	3
7894	5	3	5	4	5	5	4	4	3	5
7873	4	4	5	5	3	3	3	2	2	3
7889	1	2	2	2	2	2	3	4	2	4
7876	3	3	4	4	3	3	3	4	3	3
7892	4	4	4	3	3	4	4	4	3	3
7882	5	4	4	4	4	4	4	4	4	4
7886	3	3	3	3	2	3	3	3	3	2
7588	5	5	4	5	5	5	5	5	5	5
7877	2	2	2	2	2	2	2	2	2	2
7881	5	4	4	3	4	5	4	3	2	4
7898	3	3	5	5	5	5	5	4	4	4
7899	3	3	3	4	4	4	4	3	4	3
7900	4	4	5	4	5	5	4	4	4	4
7573	4	4	4	4	4	4	4	4	4	5
7887	4	4	5	5	4	5	5	5	5	4
7895	4	5	5	5	2	3	5	3	5	3
7282	2	5	5	5	5	5	5	5	5	5

5:Excellent

4: Very Good

3: Good

2: Average

1: Poor

B.Sc.III Sem VI(DSC-1003F1)

Roll No.	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
7874	3	4	5	4	4	4	5	5	5	5
7875	4	4	5	4	5	5	4	5	5	5
7895	5	5	5	5	5	5	5	5	5	4
7901	5	5	5	5	5	5	5	5	5	4
7891	3	2	3	2	3	2	2	2	2	2
7880	4	4	5	4	5	5	5	4	5	5
7884	5	5	5	5	5	5	5	5	5	5
7883	5	5	5	5	5	5	5	5	5	5
7893	4	3	3	3	3	5	3	3	3	3
7885	4	4	4	4	4	5	4	4	4	4
7879	3	3	3	3	3	5	3	3	3	3
7897	5	5	5	5	5	5	5	5	5	5
7788	5	5	5	5	5	5	5	5	5	5
7894	4	4	4	4	4	5	4	4	4	4
7873	5	5	5	5	5	5	5	5	5	5
7889	3	3	3	3	3	5	3	3	3	3
7876	3	4	3	3	3	5	3	3	3	4
7892	5	5	5	5	5	5	5	5	5	5
7882	3	3	4	2	3	5	4	3	2	3
7886	3	3	3	3	3	4	2	3	3	3
7588	5	5	5	5	5	5	5	5	5	5
7877	4	3	3	3	3	5	3	3	3	3
7881	4	4	4	4	4	5	4	4	4	4
7898	3	3	3	3	3	5	3	3	3	3
7899	5	5	5	5	5	5	5	5	5	5
7900	5	5	5	5	5	5	5	5	5	5
7573	4	4	4	4	4	5	4	4	4	4
7887	5	5	5	5	5	5	5	5	5	5
7895	3	3	3	3	3	5	3	3	3	3
7282	3	4	3	3	3	5	3	3	3	4

5: Excellent

4: Very Good

3: Good

2: Average

1: Poor

B.Sc.III Sem VI(DSC-1003F2)

Roll No.	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10
7874	3	4	5	4	4	4	5	5	5	5
7875	4	4	5	4	5	5	4	5	5	5
7895	5	5	5	5	5	5	5	5	5	4
7901	5	5	5	5	5	5	5	5	5	4
7891	3	2	3	2	3	2	2	2	2	2
7880	4	4	5	4	5	5	5	4	5	5
7884	5	5	5	5	5	5	5	5	5	5
7883	5	5	5	5	5	5	5	5	4	5
7893	3	2	4	5	4	2	2	2	2	2
7885	5	5	4	4	4	5	3	4	3	3
7879	5	4	4	4	4	5	5	5	4	5
7897	5	4	5	5	5	3	4	5	4	5
7788	3	3	3	3	4	4	3	3	3	3
7894	4	4	4	4	4	4	4	4	4	4
7873	5	3	5	4	3	4	4	3	5	5
7889	5	4	4	4	4	4	4	4	4	4
7876	5	4	4	5	5	4	5	5	4	5
7892	5	5	5	5	5	4	3	5	5	5
7882	5	5	5	5	5	5	5	5	5	5
7886	5	5	4	5	4	5	5	5	5	5
7588	4	4	4	5	3	5	5	5	4	5
7877	5	5	5	5	5	5	5	5	5	5
7881	5	5	5	5	5	5	5	5	5	5
7898	4	5	5	5	3	5	3	5	4	5
7899	5	5	4	4		4	5	4	3	5
7900	5	4	5	4	5	5	5	4	5	5
7573	4	4	4	4	4	4	4	4	4	5
7887	5	4	4	5	5	4	4	4	4	5
7895	4	5	5	5	2	3	5	3	5	3
7282	2	5	5	5	5	5	5	5	5	5

5:Excellent

4: Very Good

3: Good

2: Average

1: Poor