JANATA SHIKSHAN MANDAL'S

Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and
Sau. Janakibai D. Kunte Commerce College Alibag-402201, Raigad (Maharashtra)
(J. S. M. College Alibag-Raigad)

Attainment of Programme outcomes and course outcomes evaluated by the Institution

Academic Year 2023-24

INDEX

Sr. No.	Name of the department
1	Marathi
2	Hindi
3	English
4	Economics
5	Geography
6	Political Science
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8	Chemistry
9	Physics
10	Botany
11	Zoology
12	Mathematics
13	BMS
14	Computer Science
15	Information Technology

Attainment of Programme Outcomes & Course Outcomes – 2023-24
Department of Marathi

The course outcomes were calculated by direct method, considering the marks obtained by the students in the semester end examination. The attainment of expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

Sr. No.	Class	Semester	Course Code	Name of the Course	Percentage Attainment
1	F.Y.B.A.	I	UAMAR101	OPTIONAL MARATHI – I	38.76 %
2	F.Y.B.A.	I	UAMAR 1C1	COMPULSORY MARATHI	45.35 %
3	F.Y.B.A.	II	UAMAR 201	OPTIONAL MARATHI – I	39.53 %
4	F.Y.B.A.	II	UAMAR 2C1	COMPULSORY MARATHI	46.53 %
5	S.Y.B.A.	III	UAMAR 301	कथन साहित्य Narrative literature	52 %
6	S.Y.B.A.	III	UAMAR 302	भाषा आणि बोली अभ्यास Language and Dialect Studies	56.40 %
7	S.Y.B.A.	III	UAJOUR 301	Introduction to Journalism - I	46.60 %
8	S.Y.B.A.	IV	UAJOUR 401	Introduction to Journalism - II	51.28 %
9	S.Y.B.A.	IV	UAMAR 401	नाट्य साहित्य Dramatic literature	83.29 %
10	S.Y.B.A.	IV	UAMAR 402	मराठी व्याकरण आणि लेखन कौशल्ये (स्पर्धा परीक्षा) Marathi Grammar and Writing Skills (Competitive Examination)	58.44 %
11	T.Y.B.A.	V	UAMAR 501	History of medieval Marathi literature मध्ययुगीन मराठी वाङ्मयाचा इतिहास (प्रारंभ ते १८१८) – १	47.09 %
12	T.Y.B.A.	V	UAMAR 502	Indian theories of Literature भारतीय साहित्यविचार	41.90 %
13	T.Y.B.A.	V	UAMAR	Literature and Society साहित्य आणि	55 %

			503	समाज २	
14	T.Y.B.A.	V	UAMAR 504	Linguistics भाषाविज्ञान	35.25 %
15	T.Y.B.A.	V	UAMAR 505	Modern Marathi literature आधुनिक मराठी साहित्य	44.22 %
16	T.Y.B.A.	V	UAMAR 506	Translation Skill भाषांतर कौशल्य	59.45 %
17	T.Y.B.A.	VI	UAMAR 601	History of medieval Marathi literature मध्ययुगीन मराठी वाङ्मयाचा इतिहास (प्रारंभ ते १८१८) २	49.77 %
18	T.Y.B.A.	VI	UAMAR 602	Western theories of Literature भारतीय व पाश्चात्य साहित्यशास्त्र	47.19%
19	T.Y.B.A.	VI	UAMAR 603	Literature and Society साहित्य आणि समाज २	57.12 %
20	T.Y.B.A.	VI	UAMAR 604	Marathi Grammar मराठी व्याकरण	47.83 %
21	T.Y.B.A.	VI	UAMAR 605	Modern Marathi literature उत्तर आधुनिक मराठी साहित्य	52.09 %
22	T.Y.B.A.	VI	UAMAR 606	Occupational Marathi व्यावसायिक मराठी	56.48 %

Head of the Department

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(J. S. M. COLLEGE ALIBAG – RAIGAD)

Attainment of Programme Outcomes & Course Outcomes – 2023-24
Department of Hindi

The course outcomes were calculated by direct method, considering the marks obtained by the students in the semester end examination. The attainment of expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

Sr. No.	Class	Semester	Course Code	Name of the Course	Percentage Attainment
1	FYBA	I	(UAHIN- 101)	PAPER- I, ANCILLARY HINDI – MODERN PROSE	49.95
2	FYBA	II	(UAHIN- 201)	PAPER- I, ANCILLARY HINDI – MODERN PROSE	51.50
3	SYBA	III	(UAHIN- 301)	PAPER- II, MADHYAKALIN AUR ADHUNIK KAVYA	50.96
			(UAHIN- 302)	PAPER- III, PRAYOJANMULAK HINDI	49.53
4	SYBA	IV	(UAHIN 401)	PAPER- II, ADHUNIK GADYA	50.53
			(UAHIN 402)	PAPER- III, JANASNCHAR	58.56
5	TYBA	V	(UAHIN- 501)	PAPER- IV, HISTORY OF HINDI LITERATURE	39.45
			(UAHIN- 502)	PAPER- V, POST INDIPENDENCE HINDI LITERATURE	42.00
			(UAHIN- 503)	PAPER- VI, INFORMATION TECHNOLOGY IN HINDI	45.81
			(UAHIN- 504)	PAPER- VII, LETERARY CRITICISM: PROSODY & RHETORICS	37.18
			(UAHIN- 505)	PAPER- VIII, LINGUISTICS: HINDI LANGUAGE & GRAMMAR	42.72
			(UAHIN- 506)	PAPER- IX, MASS MEDIA	55.54
6	TYBA	VI	(UAHIN- 601)	PAPER- IV, HISTORY OF MODERN HINDI LITERATURE	41.00
			(UAHIN- 602)	PAPER- V, POST INDIPENDENCE HINDI LITERATURE	42.81
			(UAHIN- 603)	PAPER- VI, SOCIAL MEDIA	61.81
			(UAHIN- 604)	PAPER- VII, LETERARY CRITICISM: PROSODY & RHETORICS	45.00
			(UAHIN- 605)	PAPER- VIII, LINGUISTICS: HINDI LANGUAGE & GRAMMAR	42.72
			(UAHIN- 606)	PAPER- IX, MASS MEDIA	51.63
7	MA	I	33501	PAPER- I , HISTORY OF HINDI LITERATURE	67.02
			33502	PAPER- II, INDIAN POETICS & CRITICISM	69.00

			33503	PAPER- III, LINGUISTICS	67.06
			33504	PAPER- IV, HINDI DRAMA	41.04
			3350512	PAPER-VI, JOURNALISM	69.02
			33506	PAPER- 15, RESEARCH METHOLOGY	70.04
8	MA	II	33511	PAPER- 16, HISTORY OF HINDI LITERATURE (MODERN AGE)	Result Not Declare
			33512	PAPER- 17, INDIAN POETICS & CRITICISM	Result Not Declare
			33513	PAPER- 18, LINGUISTICS	Result Not Declare
			33514	PAPER- 19, TRANSLATION	Result Not Declare
			3351515	PAPER- 24, SOCIAL MEDIA	Result Not Declare
			51192	VIBHAG EVAM VIDYARTHI APNI SUVIDHA SE VISHAY AVAM SANSTHAN KA CHAYAN KARE (OJT FP PROJECT)	74.04
9	MA	III	(PAHIN- 109)	PAPER- IX, MODERN PROSE	67.25
			(PAHIN- 110)	PAPER- X, MODERN POETRY	69.00
			(PAHIN- 111)	PAPER- XI, VARIOUS DISCOURE & LITERATURE	64.25
			(PAHIN- 112.3)	PAPER- XII,III, HINDI POETRY OF MARATHI SAINTS	59.75
			(PAHIN- 113.2)	PAPER- XIII.II, SPECIAL STUDY JAINENDRA	71.05
10	MA	IV	(PAHIN- 114.2)	PAPER- XIV.II, STUDY OF HINDI LITERATURE TRANSLETED FROM MARATHI	Result Not Declare
			(PAHIN- 115.6)	PAPER- XV.VI, TRANSLATION	Result Not Declare
			(PAHIN- 116)	PAPER- XVI, PROJECT WRITING	Result Not Declare

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College, Alibag-402 201, Dist. Raigad

J. S. M.
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COLLEGE
Seal

डॉ. मोहसिन ख़ान
स्नातकोत्तर हिन्दी विभागाध्यक्ष
एवं शोध निर्देशक
जनता शिक्षण मण्डल द्वारा संचालित
कला, विज्ञान एवं वाणिज्य महाविद्यालय
अलिबाग-४०२२०१, ज़िला-रायगड़ (महाराष्ट्र)
Head of the Department

J.S. M. College, Alibag, Raigad
Department of English
Report of Course and Program Outcome Attainments

The course outcomes were calculated by the direct method, by considering the marks obtained by the students in the semester end examination. The attainment of expected course outcomes for the Academic Year **2023-24** is as follows:

Semester	Course	Percentage of Attainment
Semester I	FYBA – Communication Skills in English I	48.25
	FYBA – Opt. English- Introduction to Literature I	44.50
	FYBCOM- Business Communication-I	44.76
Semester II	FYBA – Communication Skills in English II	49.75
	FYBA – Opt. English- Introduction to Literature II	46.75
	FYBCOM- Business Communication-II	46.58
Semester III	SYBA Opt. English -Paper II- Introduction to Drama- I	49
	SYBA Opt. English -Paper III- Introduction to Poetry-I	67.75
Semester IV	SYBA Opt. English- Paper II- Introduction to Drama-II	61.75
	SYBA Opt. English- Paper III- Introduction to Poetry-II	63.5
Semester V	TYBA Paper IV- Indian Literature- I	47.5
	TYBA Paper V- Literary Theory and Criticism- I	50
	TYBA Paper VI -Structure of Modern English-I	57.5
	TYBA Paper VII -Contemporary British Literature-I	46
	TYBA Paper VIII -Contemporary American Literature- I	45
	TYBA Paper IX- Teaching Methods for English- I	58
Semester VI	TYBA Paper IV- Indian Literature- II	48.5
	TYBA Paper V- Literary Theory and Criticism-II	49
	TYBA Paper VI -Structure of Modern English-II	63.5
	TYBA Paper VII -Contemporary British Literature-II	57
	TYBA Paper VIII -Contemporary American Literature- II	47.5
	TYBA Paper IX- teaching Methods for English- II	63.5

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College, Alibag-402 201, Dist. Raigad

J. S. M.
ALIBAG
COLLEGE

Head
Department of English

Attainment of Programme Outcomes & Course Outcomes – 2023-24
Department of Economics

The course outcomes were calculated by direct method, considering the marks obtained by the students in the semester end examination. The attainment of expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

Sr. No.	Class	Semester	Course Code	Name of the Course	Percentage Attainment
1	FYBA	I	UBA1.35	Microeconomics-I	31.84%
2	FYBA	I	UBAFSI. 6.1	Foundation course-I	59.79%
3	FYBCOM	I	UBCOMFSI.6.1	Foundation course-I	57.30%
4	FYBSC	I	UBA1.35	Foundation course-I	56.66%
5	FYBA	II	UBA.2.35	Microeconomics-II	35.40%
6	FYBA	II	IUBA.2.35	Foundation course-I	56.21%
7	FYBCOM	II	UBCOMFSI.6.1	Foundation course-I	56.04%
8	FYBSC	II	UBSCFSII.6.1	Foundation course-I	53.77%
9	SYBA	III	UAECO301	Macroeconomics-I	38.95%
10	SYBA	III	UAECO302	Public Finance IV	28.05%
11	SYBA	III	403.A	Demography-I	56%
12	SYBA	III	UAFC401	Foundation course-II	56.45%
13	SYBCOM	III	UBCOMFSIV.6.1	Foundation course-II	57.60%
14	SYBSC	III	USFC401	Foundation course-II	54.75%
15	SYBA	IV	UAECO401	Macroeconomics-II	48.36%
16	SYBA	IV	UAECO402	Indian economy	49.21%
17	SYBA	IV	403.A	Demography -II	58.66%
18	SYBA	IV	UAFC401	Foundation course-II	62.30%
19	SYBCOM	IV	UBCOMFSIV.6.1	Foundation course-II	60.21%
20	SYBSC	IV	USFC401	Foundation course-II	58.40
21	TYBA	V	ECOAME501	Advanced Microeconomics – III	51.25%
22	TYBA	V	ECOGAD502	Economics of Growth and Development	43.75%
23	TYBA	V	ECOILC503	Industrial and Labour Economics – I	58.50%
24	TYBA	V	ECORMA504	Research Methodology - I	49.25%
25	TYBA	V	ECOEEA505	Environmental Economics -I	52.24%
26	TYBA	V	ECOHETB506	History of Economic Thoughts – I	53.25%
27	TYBA	VI	ECOAME601	Advanced Macroeconomics – III	44.26%
28	TYBA	VI	ECOIE602	International Economics	49%

29	TYBA	VI	ECOILC603	Industrial And Labour Economics – II	56.75%
30	TYBA	VI	ECORMA604	Research Methodology - II	57.50%
31	TYBA	VI	ECOEEA605	Environmental Economics - II	61.25%
32	TYBA	VI	ECOHETB606	History Of Economic Thoughts – II	60.25%
33	F.Y.B.Com	I	-	Business Economics-I	53.03%
34	F.Y.B.Com	II	-	Business Economics-II	56.08%
35	S.Y.B.Com	III	-	Co-operation-III	45.08%
36	S.Y.B.Com	IV	-	Co-operation-IV	50.20%
37	S.Y.B.Com	III	-	Business Economics-III	45.01%
38	S.Y.B.Com	IV	-	Business Economics-IV	57.10%
39	T.Y.B.Com	V	-	Business Economics-V	42.88%
40	T.Y.B.Com	VI	-	Business Economics-VI	53.12%

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Head of the Department

J.S.M.College Alibag Raigad

Department of Geography

Report of the course and program outcome attainment

The course outcomes were calculated by the direct method, by considering the mark obtained by the students in the semester-end examination. The attainment of expected course outcomes for the academic year 2023-2024 are as follows:-

Semester	Class/Program	Course	Percentage attainment
Semester-I	FYBA	Introduction to geomorphology	43
Semester-II	FYBA	Human Geography	76.22
Semester-I	FYBCOM	Environmental Study-I	79.77
Semester-II	FYBCOM	Environmental Study-II	82.76
Semester- III	SYBA	Geography of Maharashtra	92.86
	SYBA	Agriculture Geography	91.20
Semester-IV	SYBA	Geography of India	93.88
	SYBA	Tourism Geography	90.87
Semester-V	TYBA	Introduction to Geomorphology	85.88
	TYBA	Geography of rural settlement	84.89
	TYBA	Tools and techniques part--- I	91.90
	TYBA	Population geography	89.52
	TYBA	Geography of resources	92.10
	TYBA	Geospatial Technology	88.71
Semester- VI	TYBA	Introduction to climatology and Oceanography	75
	TYBA	Geography of urban settlement	82.14
	TYBA	Geography Tools and Technique-II	92.85
	TYBA	Economic Geography	85.71
	TYBA	Bio Geography	82.14
	TYBA	Research Methodology	92.85

Head of the Department

Principal

Report of Course and program outcome attainments.

The course outcomes were calculated by the direct method, by considering the marks obtained by the students in the semester-end examination. The attainment of expected course outcomes for the academic year 2023-2024 are as follows.

Semester	Course	Percentage Attainment
Semester I	The Constructional Framework	34.17
Semester II	Indian Political Process	37.57
Semester III	Principles and concepts of political theory	47.07
	Public Administration	38.21
Semester IV	Political Values and Ideologies	42.94
	Indian Administration	32.61
Semester V	World politics	48.00
	Western political thought	44.00
	Politics of modern Maharashtra	56.72
	Concepts in political sociology	52.90
	International organisations	43.54
	Local self Government	62.18
Semester VI	India in World Politics	49.8
	Indian Political Thoughts	58.8
	Determinants of Politics of Maharashtra	60.8
	Political Dynamism and Society	50.5
	Regional Organization and Transcontinental Groups	55.7
	Urban Local Government	69.6

PRINCIPAL
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HOD
Department of Political Science

J.S.M. College, Alibag, Raigad

Department of Commerce

Report of Course and program outcome attainments.

The course outcomes were calculated by the direct method, by considering the marks obtained by the students in the semester-end examination. The attainment of expected course outcomes for the academic year 2023-24 are as follows.

Semester	Course	Percentage attainment
Semester I	Accountancy and Financial Management - I	54.68%
	Commerce - I	52.37%
	Business Economics - I	48.91%
	Business Communication - I	43.76%
	Environmental Studies I	44.40%
	Foundation Course - I	58.86%
	Mathematical and Statistical Techniques - I	37.41%
Semester II	Accountancy and Financial Management - II	56.38%
	Commerce - II	65.30%
	Business Economics - II	56.75%
	Business Communication - II	46.58%
	Environmental Studies II	50.51%
	Foundation Course - II	57.75%
	Mathematical and Statistical Techniques - II	51.42%
Semester III	Accountancy and Financial Management III	57.76%
	Financial Accounting and Auditing V - Introduction to Management Accounting	57.76%
	Commerce III	58.20%
	Business Economics III	44.86%
	Business Law I	58.20%
	Foundation Course - III	57.54%
	Optional Subject :Company Secretarial Practice I/ Co-operation I/ Advertising I	51.51%
Semester IV	Accountancy and Financial Management IV	52.63%
	Financial Accounting and Auditing VI - Auditing	46.59%
	Commerce IV	51.17%
	Business Economics IV	50.81%
	Foundation Course - IV	58.09%
	Business Law II	62.76%
	Optional Subject :Company Secretarial Practice II/ Co-operation II/ Advertising II	55.30%
Semester V	Financial Accounting and Auditing VII - Financial Accounting	41.38%
	Financial Accounting and Auditing VIII - Cost Accounting	41.82%
	Commerce V	41.5%
	Business Economics V	42.89%
	Export Marketing Paper I	47.74%
	Purchasing & Store keeping Paper I	61.17%
Semester VI	Financial Accounting and Auditing IX - Financial Accounting	51.20%
	Financial Accounting and Auditing X - Cost Accounting	54.79%
	Commerce VI	42.79%
	Business Economics VI	48.24%
	Export Marketing Paper II	56.73%
	Purchasing & Store keeping Paper II	71.23%

<p align="center"><u>Janata Shikshan Mandal's</u></p>

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<p align="center">(J.S.M. College, Alibag-Raigad)</p>

Department of Chemistry

Report of Course and Program outcome attainments

Academic Year (2023-24)

Semester	Course	Percentage
Semester I	Physical (unit I). Inorganic (Unit II). Organic Chemistry(Unit III) (USCH101)	52.82
	Physical (unit I). Inorganic (Unit II). Organic Chemistry(Unit III) (USCH102)	45.82
	Chemistry Practical I (USCHP1)	85.78
Semester II	Physical (unit I). Inorganic (Unit II). Organic Chemistry(Unit III) (USCH201)	63.06
	Physical (unit I). Inorganic (Unit II). Organic Chemistry(Unit III) (USCH202)	47.71
	Chemistry Practical II (USCHP2)	82.42
Semester III	General Chemistry Physical (Unit I), Inorganic (Unit II), Organic Chemistry (Unit III) (USCH301)	59.91
	General Chemistry Physical (Unit I), Inorganic (Unit II), Organic Chemistry (Unit III) (USCH302)	64.87
	Basic Analytical Chemistry (USCH303)	63.53
	Chemistry Practical Course-3 (USCHP3)	74.44
Semester IV	General Chemistry Physical (Unit I), Inorganic (Unit II), Organic Chemistry (Unit III) (USCH401)	61.33
	General Chemistry Physical (Unit I), Inorganic (Unit II), Organic Chemistry (Unit III) (USCH402)	67.87
	Basic Analytical Chemistry (USCH403)	68.45
	Chemistry Practical Course-4 (USCHP4)	71.78
Semester V	Physical Chemistry(USCH501)	29.52
	Inorganic Chemistry(USCH502)	35.62
	Organic Chemistry(USCH503)	31.93
	Analytical Chemistry(USCH504)	40.50
	Practical Courses (USCHP501), (USCHP502)	81.79
	Practical Courses (USCHP503), (USCHP504)	81.36
	Drugs And Dyes.(USACDD501)	65.59
	Practical : Drugs & Dyes.(USACDDP501)	79.7
Semester VI	Physical Chemistry(USCH601)	41.14
	Inorganic Chemistry(USCH602)	40.14
	Organic Chemistry(USCH603)	35.2

Analytical Chemistry(USCH604)	44.44
Practical Courses (USCHP601), (USCHP602)	78.97
Practical Courses (USCHP603), (USCHP604)	84.14
Drugs And Dyes.(USACDD601)	69.14
Practical : Drugs & Dyes.(USACDDP601)	68.08

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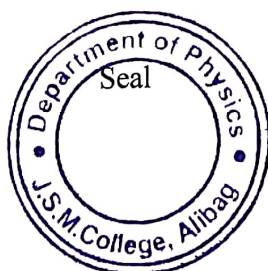**(J. S. M. COLLEGE ALIBAG – RAIGAD)**

Attainment of Programme Outcomes & Course Outcomes – 2023-24
Department of Physics

The course outcomes were calculated by direct method, considering the marks obtained by the students in the semester end examination. The attainment of expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

Sr. No.	Class	Semester	Course Code	Name of the Course	Percentage Attainment
1	F. Y. B. Sc.	I	USPH101	Classical Physics	66.15
2			USPH102	Modern Physics	58.58
3			USPHPI	Practical I	87.54
4		II	USPH201	Optics I	71.34
6			USPH202	Electricity and Electronics	60.91
7			USPHPII	Practical II	88.80
8	S. Y. B. Sc.	III	USPH301	Thermodynamics and Temperature Transducers	63.85
9			USPH302	Electronics	66.15
10			USPH303	Mathematical Methods & Applied Physics I	42.58
11			USPHPIII	Practical III	84.33
12		IV	USPH401	Optics & Applied Physics II	74.37
13			USPH402	Electrodynamics	62.27
14			USPH403	Quantum Physics	78.07
15			USPHPII	Practical IV	85.91

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16			V	USPH501	Mathematical Methods in Physics , Thermal and Statistical Physics	57.33
17				USPH502	Solid State Physics	57.75
18				USPH503	Atomic Physics and Molecular Physics	61.5
19				USPH504	Electrodynamics	55.6
20				USPHP05	Practicals of Course USPH501 + Course USPH502	91.4
21				USPHP06	Practicals of Course USPH503 + Course USPH504	90.4
22				USACEI501	Analog Circuits, Instruments and Consumer Appliances	71.4
23	T. Y. B. Sc.			USACEI5P1	Analog Circuits, Instruments and Consumer Appliances.	89
24			VI	USPH601	Classical Mechanics	61.2
25				USPH602	Electronics	63.75
26				USPH603	Nuclear Physics	67.2
27				USPH604	Special Theory of Relativity	53.6
28				USPH605	Practicals of Course USPH601 + Course USPH602	84.6
29				USPH606	Practicals of Course USPH603 + Course USPH604	84.6
30				USACEI601	Theory: Digital Electronics, Microprocessor, Microcontroller and OOP.	75
31				USACEI6P1	Digital Electronics, Microprocessor, Microcontroller and OOP.	93.6

Head of the Department

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J.S.M. College, Alibag, Raigad

Department of Botany

Report of Course and program outcome attainments.

The course outcomes were calculated by the direct method, by considering the marks obtained by the students in the semester-end examination. The attainment of expected course outcomes for the academic year 2023-2024 are as follows.

Semester	Course	Percentage attainment
Semester I	Plant Diversity I (USBO101)	30.04%
	Form and Function I (USBO102)	36.62%
	Practical (USBOTP1)	41.17%
Semester II	Plant Diversity I (USPH201)	55.24%
	Form and Function I (USPH202	56.93%
	Practical (USBOTP2)	74.55%
Semester III	Plant Diversity II (USBO301)	67.28%
	Form and Function II (USBO302)	58.42%
	Current Trends in Plant Sciences I (USBO303)	63.42%
	Practical (USBOP3)	75.00%
Semester IV	Plant Diversity II (USBO401)	68.92%
	Form and Function II (USBO402)	76.84%
	Current Trends in Plant Sciences I (USBO403)	73.30%
	Practical (USBOP4)	80.76%
Semester V	Plant Diversity III (USBO501)	62.50%
	Plant Diversity IV (USBO502)	69.25%
	Form and Function III (USBO503)	53.50%
	Current Trends in Plant Sciences II (USBO504)	61.25%
	Horticulture & Gardening I (USACHO501)	91.25%
	Practical based on USBO501 and USBO502 (USBOP5)	94.50%
	Practical based on USBO503 and USBO504 (USBOP6)	94.50%
	Practical Horticulture & Gardening (USACHO5P1)	92.75%
Semester VI	Plant Diversity III (USBO601)	73.50%
	Plant Diversity IV (USBO602)	72.50%
	Form and Function III (USBO603)	77.50%
	Current Trends in Plant Sciences II (USBO604)	73.00%
	Horticulture & Gardening II (USACHO601)	78.00%
	Practical based on USBO601 and USBO602 (USBOP7)	90.00%
	Practical based on USBO603 and USBO604 (USBOP8)	89.75%
	Practical Horticulture & Gardening (USACHO6P1)	91.75%

PRINCIPAL
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J. B. Sawant Science and
Sau. Janakibai Dhondo Kunte Commerce
College, Alibag-402 201, Dist. Raigad

Head of Botany Dept.
J. S. M. College, Alibag
Dist. Raigad.

Attainment of Programme Outcomes & Course Outcomes – 2023-24
Department of Zoology

The course outcomes were calculated by direct method, considering the marks obtained by the students in the semester end examination. The attainment of the expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

Sr. No.	Class/ Semester	Course	Name of the Course	Percentage Attainment
1	F.Y. B.Sc. Sem: I	USZO101	Wonders of animal world, Biodiversity and its Conservation, Footsteps to follow	51.88 %
2	F.Y. B.Sc. Sem: I	USZO102	Laboratory safety and Units of Measurement, Animal Biotechnology Instrumentation	65.48 %
3	F.Y. B.Sc. Sem: I	USZOP1	Practicals based on both courses	80.32 %
4	F.Y. B.Sc. Sem :II	USZO201	Population Ecology, Ecosystem National park and Sanctuaries	55.33 %
5	F.Y. B.Sc. Sem: II	USZO202	Nutrition and Health, Public health and Hygiene, Common human Diseases	64.18 %
6	F.Y. B.Sc. Sem :II	USZOP2	Practical based on both courses	69.95 %
7	S.Y. B.Sc. Sem: III	USZO301	Fundamentals of Genetics, Chromosomes and Heredity, Nucleic acids	62.66 %
8	S.Y. B.Sc. Sem: III	USZO302	Study of Nutrition and Excretion Study Respiration and circulation, Control and coordination, Locomotion and Reproduction	53.50 %
9	S.Y. B.Sc. Sem: III	USZO303	Ethology, Parasitology Economic Zoology	69.75 %
10	S.Y. B.Sc. Sem: III	USZOP3	Practical based on all three courses	90.55%
11	S.Y. B.Sc. Sem: IV	USZO401	Origin and evolution of Life, Population genetics and evolution, Scientific Attitude methodology , writing and ethics	63.48 %
12	S.Y. B.Sc. Sem: IV	USZO402	Cell Biology, Endo membrane System, Biomolecules.	59.5 %
13	S.Y. B.Sc. Sem: IV	USZO403	Comparative Embryology, Aspects of Human Reproduction, Pollution and its effect on organisms.	68.33 %
14	S.Y. B.Sc. Sem: IV	USZOP4	Practical based on all three courses	79.49 %

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Head, Department of Zoology,
Head of Zoology Dept
J. S. M. College, Alibag
Dist. Raigad

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(**J. S. M. COLLEGE ALIBAG – RAIGAD**)

Attainment of Programme Outcomes & Course Outcomes – 2023-24
Department of Mathematics

The course outcomes were calculated by direct method, considering the marks obtained by the students in the semester end examination. The attainment of the expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

Sr. No.	Class	Sem	Course Code	Name of the Course	Percentage Attainment
1	F.Y.B.Sc.	I	USMT 101	CALCULUS I	56.12 %
2			USMT 102	ALGEBRA I	58.23%
3			USMT P01	PRACTICAL	79.63%
4	F.Y.B.Sc.	II	USMT 201	CALCULUS II	55.22 %
5			USMT 202	DISCRETE MATHEMATICS	62.23%
6			USMTP02	PRACTICAL	78.87%
7	FYBCOM	I	UBCOMFSI.6	MATHEMATICAL AND STATISTICAL TECHNIQUES	64.27%
8		II	UBCOMFSII.6	MATHEMATICAL AND STATISTICAL TECHNIQUES	63.54%
9	SYBSC	III	USMT 301	CALCULUS III	57.12%
10			USMT 302	LINEAR ALGEBRA I	58.21%
11			USMT303	ORDINARY DIFFERENTIAL EQUATIONS	65.31%
12			USMTP03	PRACTICAL	80.34%
13	SYBSC	IV	USMT 401	MULTIVARIABLE CALCULUS	55.11%
14			USMT 402	LINEAR ALGEBRA II	56.64%
15			USMT403	NUMERICAL METHODS	62.43%
16			USMTP04	PRACTICAL	75.54%

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J. B. Sawant Science and
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Head of the Department

Janata Shikshan Mandal's
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Sau. Janakibai D. Kunte Commerce College, Alibag – Raigad (Maharashtra)
(J. S. M. COLLEGE ALIBAG – RAIGAD)

Attainment of Programme Outcomes & Course Outcomes – 2023-24
Department of Management Studies (B.M.S.)

The course outcomes were calculated by direct method, considering the marks obtained by the students in the semester end examination. The attainment of expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

Sr. No.	Class	Semester	Course Code	Name of the Course	Percentage Attainment
1	F.Y.B.M.S.	I	UBMSFS I.1	Introduction to Financial Accounts	58.68
2	F.Y.B.M.S.	I	UBMSFS I.2	Business Law	56.26
3	F.Y.B.M.S.	I	UBMSFS I.3	Business Statistics	60.98
4	F.Y.B.M.S.	I	UBMSFS I.4	Business Communication – I	49.65
5	F.Y.B.M.S.	I	UBMSFS I.5	Foundation Course – I	64.26
6	F.Y.B.M.S.	I	UBMSFS I.6	Foundation of Human Skills	44.72
7	F.Y.B.M.S.	I	UBMSFS I.7	Business Economics-I	60.75
8	F.Y.B.M.S.	II	UBMSFS II.1	Principles of Marketing	54.29
9	F.Y.B.M.S.	II	UBMSFS II.2	Industrial Law	70.81
10	F.Y.B.M.S.	II	UBMSFS II.3	Business Mathematics	65.55
11	F.Y.B.M.S.	II	UBMSFS II.4	Business Communication –II	52.62
12	F.Y.B.M.S.	II	UBMSFS II.5	Foundation Course- II	64.79
13	F.Y.B.M.S.	II	UBMSFS II.6	Business Environment	49.05
14	F.Y.B.M.S.	II	UBMSFS II.7	Principles of Management	49.83
15	S.Y.B.M.S.	III	UBMSFS III.1.04	Elective- Finance: Corporate Finance	66.46s
16	S.Y.B.M.S.	III	UBMSFS III.1.02	Elective- Finance: Introduction to Cost Account	53.73
17	S.Y.B.M.S.	III	UBMSFS III.1.07	Elective-Marketing: Advertising	63.06
18	S.Y.B.M.S.	III	UBMSFS III.1.05	Elective-Marketing: Consumer Behavior	54.00

19	S.Y.B.M.S.	III	UBMSFS III.1.09	Elective-HR: Recruitment & Selection	63.72
20	S.Y.B.M.S.	III	UBMSFS III.1.11	Elective-HR: Employee Relations & Welfare	54.95
21	S.Y.B.M.S.	III	UBMSFS III.2	Information Technology in Business Management – I	52.61
22	S.Y.B.M.S.	III	UBMSFS III.3.1	Foundation Course-IV(Environmental Management)	70.42
23	S.Y.B.M.S.	III	UBMSFS III.4	Strategic Management	49.83
24	S.Y.B.M.S.	III	UBMSFS III.5	Accounting for Managerial Decisions	55.42
25	S.Y.B.M.S.	III	UBMSFS III.6	Business Planning & Entrepreneurial Management	46.88
26	S.Y.B.M.S.	IV	UBMSFS IV.1.02	Elective- Finance: Auditing	55.43
27	S.Y.B.M.S.	IV	UBMSFS IV.1.03	Elective- Finance: Strategic Cost Management	55.57
28	S.Y.B.M.S.	IV	UBMSFS IV.1.05	Elective-Marketing: Integrated Marketing Communication	45.72
29	S.Y.B.M.S.	IV	UBMSFS IV.1.06	Elective-Marketing: Rural Marketing	62.82
30	S.Y.B.M.S.	IV	UBMSFS IV.1.09	Elective-HR: HR Planning & Information System	63.05
31	S.Y.B.M.S.	IV	UBMSFS IV.1.10	Elective-HR: Training & Development in HRM	51.18
32	S.Y.B.M.S.	IV	UBMSFS IV.3	Information Technology in Business Management-II	56.94
33	S.Y.B.M.S.	IV	UBMSFS IV.4.1	Foundation Course (Ethics & Governance)-IV	79.52
34	S.Y.B.M.S.	IV	UBMSFS IV.5	Business Economics-II	57.00
35	S.Y.B.M.S.	IV	UBMSFS IV.6	Business Research Methods	65.15
36	S.Y.B.M.S.	IV	UBMSFS IV.7	Production & Total Quality Management	60.96
37	T.Y.B.M.S.	V	46003	Investment Analysis and Portfolio Management	68.23
38	T.Y.B.M.S.	V	46009	Wealth Management	72.84
39	T.Y.B.M.S.	V	46012	Financial Accounting	54.92
40	T.Y.B.M.S.	V	46015	Risk Management	65.46
41	T.Y.B.M.S.	V	46004	Service Marketing	47.46
42	T.Y.B.M.S.	V	46007	E-commerce and Digital Marketing	53.53
43	T.Y.B.M.S.	V	46010	Sales & Distribution Management	50.46
44	T.Y.B.M.S.	V	46013	Customer Relation Marketing	54.61
45	T.Y.B.M.S.	V	46008	Strategic Human Resource Management and HR Policies	63.28
46	T.Y.B.M.S.	V	46011	Performance Management and Career Planning	68.71
47	T.Y.B.M.S.	V	46020	Stress Management	65.57

48	T.Y.B.M.S.	V	46005	Finance for HR Professionals and Compensation Management	56.85
49	T.Y.B.M.S.	V	46001	Logistic & Supply Chain Management	56.12
50	T.Y.B.M.S.	V	46002	Corporate Communication and PR	59.03
51	T.Y.B.M.S.	VI	86002	International Finance	64.92
52	T.Y.B.M.S.	VI	86005	Innovative Financial Services	59.23
55	T.Y.B.M.S.	VI	86008	Project Management	65.38
56	T.Y.B.M.S.	VI	86011	Strategic Financial Management	74.00
57	T.Y.B.M.S.	VI	86003	Brand Management	59.30
58	T.Y.B.M.S.	VI	86006	Retail Management	57.92
59	T.Y.B.M.S.	VI	86009	International Marketing	51.84
60	T.Y.B.M.S.	VI	86012	Media Planning and Management	58.38
61	T.Y.B.M.S.	VI	86004	HRM in Global Perspective	61.57
62	T.Y.B.M.S.	VI	86007	Organizational Development	60.42
63	T.Y.B.M.S.	VI	86010	HRM in Service Sector Management	60.43
64	T.Y.B.M.S.	VI	86016	Human Resource Accounting and Auditing	68.14
65	T.Y.B.M.S.	VI	86001	Operation Research	59.12
66	T.Y.B.M.S.	VI	UBMSFS VI.5	Project Work	82.21

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Head of the Department

Janata Shikshan Mandal's
Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and
Sau. Janakibai D. Kunte Commerce College, Alibag – Raigad (Maharashtra)
(J. S. M. COLLEGE ALIBAG – RAIGAD)
Attainment of Programme Outcomes & Course Outcomes – 2023-24
Department of Computer Science

The course outcomes were calculated by direct method, considering the marks obtained by the students in the semester end examination. The attainment of expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

Sr. No.	Class	Semester	Course Code	Name of Course	Percentage Attainment
1	F.Y.B.Sc. CS	Semester I	USCS101	Digital Systems & Architecture	47.98%
			USCSP101	Digital Systems & Architecture – Practical (out of 50)	52.13%
			USCS102	Introduction to Programming with Python	47.15%
			USCSP102	Introduction to Programming with Python – Practical (out of 50)	51.63%
			USCS103	LINUX Operating System	45.48%
			USCSP103	LINUX Operating System – Practical (out of 50)	48.00%
			USCS104	Open Source Technologies	50.15%
			USCSP104	Open Source Technologies Practical (out of 50)	63.00%
			USCS105	Discrete Mathematics	79.33%
			USCSP105	Discrete Mathematics Practical (out of 50)	87.33%
			USCS106	Descriptive Statistics	61.04%
			USCSP106	Descriptive Statistics Practical (out of 50)	62.79%
			USCS107	Soft Skills	47.92%
2	F.Y.B.Sc. CS	Semester I	USCS201	Design & Analysis of Algorithms	47.40%
			USCSP201	Design & Analysis of Algorithms Practical (out of 50)	46.54%
			USCS202	Advanced Python Programming	58.29%
			USCSP202	Advanced Python Programming Practical (out of 50)	62.13%
			USCS203	Introduction to OOPs using C++	54.44%
			USCSP203	Introduction to OOPs using C++ Practical (out of 50)	71.83%
			USCS204	Database Systems	61.42%
			USCSP204	Database Systems Practical (out of 50)	70.96%
			USCS205	Calculus	80.79%
			USCSP205	Calculus Practical (out of 50)	55.38%
			USCS206	Statistical Methods	57.04%
			USCSP206	Statistical Methods Practical (out of 50)	61.75%
			USCS207	E-Commerce & Digital Marketing	45.31%
3	S.Y.B.Sc. CS	Semester III	USCS301	Principles of Operating Systems	45.71%
			USCSP301	Principles of Operating Systems – Practical (out of 50)	46.80%
			USCS302	Linear Algebra	43.36%
			USCSP302	Linear Algebra Practical (out of 50)	37.87%
			USCS303	Data Structures	55.69%
			USCSP303	Data Structures Practical (out of 50)	56.31%
			USCS304	Advanced Database Concepts	46.44%
			USCSP304	Advanced Database Concepts Practical (out of 50)	49.82%
			USCS305	Java based Application Development	40.93%
			USCSP305	Java based Application Development Practical (out of 50)	47.91%
			USCS306	Web Technologies	48.60&
			USCSP306	Web Technologies Practical (out of 50)	44.18%
			USCS3072	Green Technologies	45.31%

4	S.Y.B.Sc. CS	Semester IV	USCS401	Theory of Computation	53.16%
			USCSP401	Theory of Computation – Practical (out of 50)	64.84%
			USCS402	Computer Networks	49.07%
			USCSP402	Computer Networks – Practical (out of 50)	47.29%
			USCS403	Software Engineering	52.22%
			USCSP403	Software Engineering – Practical (out of 50)	60.98%
			USCS404	IoT Technologies	48.80%
			USCSP404	IoT Technologies – Practical (out of 50)	43.38%
			USCS405	Android Application Development	52.31%
			USCSP405	Android Application Development – Practical (out of 50)	50.09%
			USCS406	Advanced Application Development	52.60%
			USCSP406	Advanced Application Development – Practical (out of 50)	59.56%
			USCS4072	Management & Entrepreneurship	52.02%
5	T.Y.B.Sc. CS	Semester V	USCS501	Artificial Intelligence	52.60%
			USCSP501	Artificial Intelligence Practical (out of 50)	91.60%
			USCS502	Information & Network Security	55.80%
			USCSP502	Information & Network Security Practical (out of 50)	93.40%
			USCS5031	Linux Server Administration	59.20%
			USCSP5031	Linux Server Administration Practical (out of 50)	76.00%
			USCS5042	Game Programming	49.80%
			USCSP5042	Game Programming Practical (out of 50)	91.20%
			USCS5052	Operations Research	52.50%
			USCSP505	Project Work – I (out of 100)	84.00%
6	T.Y.B.Sc. CS	Semester VI	USCS601	Data Science	62.00%
			USCSP601	Data Science – Practical (out of 50)	83.60%
			USCS602	Cloud Computing and Web Services	56.40%
			USCSP602	Cloud Computing and Web Services – Practical (out of 50)	89.60%
			USCS6032	Information Retrieval	60.00%
			USCSP6032	Information Retrieval – Practical (out of 50)	81.20%
			USCS6042	Ethical Hacking	57.50%
			USCSP6042	Ethical Hacking – Practical (out of 50)	78.80%
			USCS6052	Cyber Laws and IPR	63.70%
			USCSP605	Project Work – II (out of 100)	89.30%

Head of the Department
Dept. of Computer Science
J. S. M. College, Alibag

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(J. S. M. College, Alibag)
Department of Information Technology
ATTAINMENT OF COURSE OUTCOME (2023-24)

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    The course outcomes were calculated by the direct method, by considering the marks obtained by the students in the semester-end examination. The attainment of expected course is calculated by summing up the scores of students dividing by the total number of all students who have appeared for that course.

SEMESTER	COURSE	% ATTAINMENT
SEM I	USIT101 Programming Principles with C	64.91
	USIT102 Digital Logic and Applications	50.44
	USIT103 Fundamentals of DBMS	41.52
	USIT104 Computational Logic and Discrete Structure	66.92
	USIT105 Technical Communication Skills	63.5
	USIT1P1 Programming Principles with C Practical	63
	USIT1P2 Digital Logic and Applications Practical	53.97
	USIT1P3 Fundamentals of DBMS Practical	50.45
	USIT1P4 Computational Logic and Discrete Structure Practical	57.45
	USIT1P5 Technical Communication Skills Practical	85.68
SEM II	USIT201 Object oriented Programming with C++	58.82
	USIT202 Fundamentals of Micro Processor and Microcontrollers	59
	USIT203 Web Applications Development	53.8
	USIT204 Numerical Methods	54.37
	USIT205 Green IT	52.15
	USIT2P1 Object Oriented Programming with C++ Practical	59.63
	USIT2P2 Fundamentals of Micro Processor and Microcontrollers Practical	59.74
	USIT2P3 Web Applications Development Practical	61.48
	USIT2P4 Numerical Methods Practical	51.82
	USIT2P5 Green IT Practical	54.25
SEM III	USIT301 Python Programming	49.68
	USIT302 Data Structures	51.21
	USIT303 Computer Networks	40.36
	USIT304 Operating Systems	52.4
	USIT305 Applied Mathematics	71.93
	USIT3P1 Python Programming Practical	71.93
	USIT3P2 Data Structures Practical	42.57

	USIT3P3 Computer Networks Practical	45.13
	USIT3P4 Operating Systems Practical	59.13
	USIT3P5 Mobile Programming Practical	51.43
SEM IV	USIT401 Core Java	51.4
	USIT402 Introduction to Embedded Systems	47.31
	USIT403 Computer Oriented Statistical Techniques	77.36
	USIT404 Software Engineering	55.53
	USIT405 Computer Graphics and Animation	49.79
	USIT4P1 Core Java Practical	50.93
	USIT4P2 Introduction to Embedded Systems Practical	83.96
	USIT4P3 Computer Oriented Statistical Techniques Practical	78.13
	USIT4P4 Software Engineering Practical	61.89
	USIT4P5 Computer Graphics and Animation Practical	45.89
SEM V	USIT501 Software Project Management	62.5
	USIT502 Internet of Things	55
	USIT503 Advanced Web Programming	55.87
	USIT505 Linux System Administration	43.67
	USIT506 Enterprise Java	49.7
	USIT5P1 Project Dissertation	71.85
	USIT5P2 Internet of Things Practical	68.8
	USIT5P3 Advanced Web Programming Practical	66.25
	USIT5P5 Linux System Administration Practical	61.3
	USIT5P6 Enterprise Java Practical	77
SEM VI	USIT601 Software Quality Assurance	58.82
	USIT602 Security in computing	57.4
	USIT603 Business intelligence	58.07
	USIT604 Principles of GIS	57.25
	USIT605 Cyber laws	58.7
	USIT6P1 Project implementation	56.93
	USIT6P2 Security in computing Practical	79.4
	USIT6P3 Business intelligence practical	80.5
	USIT6P4 Principles of GIS practical	83.7
	USIT6P5 Advanced mobile programming	69.95

Teacher In-charge

Department of IT