



**GARGI EDUCATION INSTITUTE'S
GARGI AGRICULTURE RESEARCH AND TRAINING
INSTITUTE NASHIK.**

Asia's First Wine, Brewing and Alcohol Technology College
Affiliated to Savitribai Phule Pune University
(Institute Id No. PU/NS/C/149/2009)

Approved by Government of Maharashtra, Accredited By NAAC
ISO 9001:2015 Certified



INDEX

1.1.1 The Institution ensures effective curriculum delivery through a well-planned and documented process.

Sr. No	Evidence	Page No
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Savitribai Phule Pune University
(formerly University of Pune)



Circular No. 157 of 2023

**Dates of Commencement and Conclusion of the academic session of the First Year
for the Academic Year 2023-24 for University Departments**

It is hereby informed that, the dates of commencement and conclusion of the First Year of all those University courses whose admission are through Online Entrance Examination (OEE) conducted by the Savitribai Phule Pune University, under various faculties, for the academic year 2023-24 shall be as under:

Sr. No.	Name of the Courses	2023 - 2024			
		First Term		Second Term	
		Commencement	Conclusion	Commencement	Conclusion
1	Science & Technology	21/08/2023	16/12/2023	01/01/2024	18/05/2024
	Science				
	Technology				
2	Commerce & Management				
	Commerce				
	Management				
3	Humanities				
	Arts				
	Mental Moral and Social Sciences				
	Law				
4	Inter-disciplinary Studies				
	Education				
	Physical Education				
	Library Science				
	Journalism PG				
	Fine Arts & Performing Art				

NOTE

1. In case, the Head of the Department requires to give additional holiday in exceptional circumstances, he may do so by compensating the same by keeping Department working on Sundays.
2. Winter Vacation: 18/12/2023 to 30/12/2023
Summer Vacation: 19/05/2024 to 30/06/2024


Deputy Registrar
(P.G. Admission)

Ganeshkhind, Pune-07
Ref. No. PGS/ 3390
Date: 03/08/2023

Copy to: for Information and necessary action
The Deans of all Faculties.
The Registrar, Savitribai Phule Pune University.
The Director, Board of Examinations & Evaluation, Savitribai Phule Pune University.
The Director, all campus Schools, Savitribai Phule Pune University.
The Head of all University Departments.
The Head of the Administrative Sections of the University office.



**GARGI AGRICULTURE RESEARCH AND TRAINING
INSTITUTE, NASHIK**

F.Y.B.Sc. Timetable (Sem I) 2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:15AM	WBAT 1110 Practical	WBAT 117	WBAT 117	WBAT 118	WBAT 117	WBAT 114
10:15AM-11:00AM		WBAT 113	WBAT 113	WBAT 116	WBAT 118	WBAT 113
11:00AM-11:45AM		WBAT 114	WBAT 111	WBAT 112	WBAT 116	WBAT 112
11:45AM-12:30PM	WBAT 115	WBAT 115	WBAT 115	WBAT 114	WBAT 116	WBAT 118
1:00PM-1:45PM	WBAT 111	WBAT 1112 Practical	WBAT 111	WBAT 109 Practical		WBAT 112
1:45PM-4:00PM						WBAT 1111 Practical

Subjects :-

WBAT-111	Basic Microbiology Paper I
WBAT-112	Industrial Microbiology Paper I
WBAT-113	Introduction to Botany
WBAT-114	Plant Development and Anatomy
WBAT-115	Basic Biochemistry Paper I
WBAT-116	Metabolic Pathways Paper I
WBAT-117	Wine Technology
WBAT-118	Sensory Evaluation of wine paper-I
WBAT-119	Practical's in Microbiology
WBAT-1110	Practical's in Botany
WBAT-1111	Practical's in Biochemistry
WBAT-1112	Practical's in Wine Technology



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S.Y.B.Sc.Timetable (Sem III)2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:15AM		WBAT 238	WBAT 236	WBAT 2310	WBAT 234	WBAT 238
10:15AM-11:00AM	WBAT 237	WBAT 237	WBAT 237	Practical	WBAT 233	WBAT 233
11:00AM-11:45AM	WBAT 235	WBAT 234	WBAT 235		WBAT 235	WBAT 233
11:45AM-12:30PM	WBAT 231	WBAT 231	WBAT 231		WBAT 236	WBAT 236
1:00PM-1:45PM		WBAT 239	WBAT 2311	WBAT 232	WBAT 232	WBAT 232
1:45PM-2:30PM		Practical	Practical	WBAT 238		WBAT 234
2:30PM-4:00PM						

Subjects :-

WBAT-231	Yeast technology paper -I
WBAT-232	Fermentation technology paper-I
WBAT-233	Brewing technology -I
WBAT-234	Alcohol technology -II
WBAT-235	Biochemistry Paper -III
WBAT-236	Vineyard technology paper -I
WBAT-237	Environmental awareness
WBAT-238	English communication
WBAT-239	Practical's course -I
WBAT-2310	Practical's course -II
WBAT-2311	Practical's course -III

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T.Y.B.Sc.Timetable (Sem V)2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
8:30 AM-9:30 AM	WBAT 351	WBAT 351	WBAT 351	-	-	-
9:30 AM -10:15AM	LR	LR	LR	WBAT 356	WBAT 356	WBAT 356
10:15AM-11:00AM	WBAT 352	WBAT 352	WBAT 352	WBAT 3511	WBAT 3511	WBAT 3511
11:00AM -11:45PM	WBAT 3510	WBAT 3510	WBAT 3510	WBAT 355	WBAT 355	WBAT 355
11:45PM -12:30PM	WBAT 353	WBAT 353	WBAT 353	WBAT 354	WBAT 354	WBAT 354
1:00PM-1:45PM			WBAT 358	WBAT 359		WBAT 357
1:45PM-2:30PM			Practical	Practical		Practical
2:30PM-4:00PM						

Subjects :-

WBAT-351	Basic Chemical Engineering
WBAT-352	Equipment & utilities
WBAT-353	Health benefits of alcoholic beverages -I
WBAT-354	Microbial spoilage and other defects
WBAT-355	Marketing of alcoholic beverages
WBAT-356	Business management
WBAT-357	Practical course -I
WBAT-358	Practical course -II
WBAT-359	Practical course -III
WBAT-3510	Bio analytical Techniques
WBAT-3511	Computer aided applications



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M.Sc.I Timetable (Sem I)2023-2024

Time	Mon	Tue	Wed	Thu	Fri
9:30AM-10:30AM	WT 511	WT 511	WT 511	WT 511	WT 516
10:30AM-11:30AM	WT 512	WT 512	WT 512	WT 512	WT 513
11:30AM-12:30PM	WT 513	RM-510		WT 516	RM-510
1:00PM-Onwards		WT 514 Practical		RM-510 Practical	WT 516 Practical

Subjects :-

WT-511	Microbiology of wine, beer& alcohol
WT-512	Biochemistry of wine, beer& alcohol
WT-513	Vineyard Technology
WT-514	Practical based on Microbiology, Biochemistry, Vineyard Technology
WT-510 RM	Research Methodology
WT-510 RMP	Research Methodology Practical
WT-515 (T)	Viticulture
WT-515(P)	Practical based on Viticulture
WT-516(T)	Alcohol technology
WT-516(P)	Practical based on Alcohol technology



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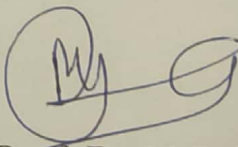
M.Sc.II Timetable (Sem III)2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:30AM	WT-3.1	WT 3.1	WT 3.1	WT 3.1	WT 3.4 Practical	WT 3.3
10:30AM-11:30AM	WT 3.2	WT 3.2	WT 3.2	WT 3.2		WT 3.6 Practical
11:30AM-12:30AM	WT 3.3	WT 3.3	-	WT 3.3		
1:00PM-2:00PM				WT 3.2	WT 3.6 Practical	WT 3.4 Practical
2:30PM-3:30PM						
3:30PM-4:30PM						

Subjects :-

WT-3.1	Alcohol Technology-II
WT-3.2	Brewing Technology II
WT-3.3	Enology- II
WT-3.4	Practical Course - I
WT-3.5	Marketing of alcoholic beverages.
WT-3.6	Practical Course - II




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F.Y.B.Sc. Timetable (Sem II) 2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:15AM	WBAT-123	WBAT-123	WBAT-123	WBAT-124	WBAT-124	WBAT-124
10:15AM-11:00AM	WBAT-127	WBAT-127	WBAT-127	WBAT-128	WBAT-126	WBAT-1210 P
11:00AM-11:45AM	WBAT-125	WBAT-125	WBAT-125	WBAT-126	WBAT-126	
11:45AM-12:30PM	WBAT-121	WBAT-121	WBAT-121	WBAT-128	WBAT-128	
1:00PM-1:45PM			WBAT-122	WBAT-122	WBAT-122	
1:45PM-2:30PM						
2:30PM-3:15PM		WBAT-1211 P		WBAT-129 P		WBAT-1212 P
3:15PM-4:00PM						

Subjects :-

WBAT-121	Basic Microbiology Paper II
WBAT-122	Industrial Microbiology Paper II
WBAT-123	Plant Physiology
WBAT-124	Applied Botany
WBAT-125	Basic Biochemistry Paper II
WBAT-126	Metabolic Pathways Paper II
WBAT-127	Introduction to Beer, Wine and Alcohol Technology
WBAT-128	Sensory evaluation of wine paper-II
WBAT-129	Practical's in Microbiology
WBAT-1210	Practical's in Botany
WBAT-1211	Practical's in Biochemistry
WBAT-1212	Practical's in Wine Technology



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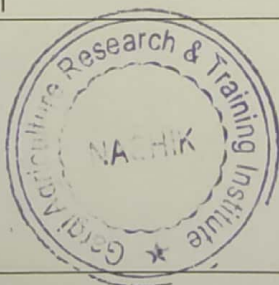
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S.Y.B.Sc.Timetable (Sem IV)2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:15AM	WBAT-241	WBAT-241	WBAT-241	WBAT-2410 P
10:15AM-11:00AM	WBAT-242	WBAT-242	WBAT-244		WBAT-242	....
11:00AM-11:45AM	WBAT-246	WBAT-246	WBAT-246		WBAT-247	WBAT-245
11:45AM-12:30PM	WBAT-244	WBAT-244	WBAT-247		WBAT-247	WBAT-243
1:00PM-1:45PM	WBAT-245	WBAT-245	WBAT-243	WBAT-243	WBAT-249 P	WBAT-2411 P
1:45PM-2:30PM	WBAT-248	WBAT-248	WBAT-248			
2:30PM-3:15PM						
3:15PM-4:00PM						

Subjects :-

WBAT-241	Yeast technology paper -II
WBAT-242	Fermentation technology paper-II
WBAT-243	Wine technology -I
WBAT-244	Wine technology -II
WBAT-245	Waste treatment paper -I
WBAT-246	Vineyard technology paper -I
WBAT-247	Environmental awareness
WBAT-248	English communication
WBAT-249	Practical's course -I
WBAT-2410	Practical's course -II
WBAT-2411	Practical's course -III



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T.Y.B.Sc. Timetable (Sem VI) 2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30 AM -10:15AM	WBAT-361	WBAT-361	WBAT-361	WBAT-3611	WBAT-3611	WBAT-365
10:15AM-11:00AM	WBAT-366	WBAT-366	WBAT-366	WBAT-362	WBAT-362	WBAT-3611
11:00AM -11:45PM	WBAT-364	...	WBAT-362	WBAT-363	WBAT-364	WBAT-365
11:45PM -12:30PM	WBAT-363	WBAT-363	...	WBAT-364	...	WBAT-365
1:00PM-1:45PM	WBAT-3610	WBAT-3610	WBAT-368	...		WBAT-369 PROJECT
1:45PM-2:30PM		WBAT-367P		WBAT-3610P		
2:30PM-4:00PM						

Subjects :-

WBAT-361	Sensory evaluation of wine, beer and alcohol
WBAT-362	Waste treatment paper -II
WBAT-363	Health benefits of alcoholic beverages-II
WBAT-364	Maturation and aging of alcoholic beverages
WBAT-365	Alcohol marketing laws and regulatory policies
WBAT-366	Wine technology- III
WBAT-367	Practical course -I
WBAT-368	Practical course -II
WBAT-369	Project
WBAT-3610	Brewing technology -II
WBAT-3611	Alcohol technology - II



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M.Sc.I Timetable (Sem II) 2023-2024

Time	Mon	Tue	Wed	Thu	Fri
9:30AM-10:30AM					WT 523
10:30AM-11:30AM		WT 522		WT 523	WT 521
11:30AM-12:30PM	WT 521	WT 521	WT 521	WT 522	
1:00PM-2:00PM	WT522		WT 522	WT 524P	

Subjects :-

WT 521 MJ	Enology-I
WT522 MJ	Brewing Technology-I
WT 523 MJ	Alcohol Technology-I
WT 524 MJP	Practicals based on WT521 MJ Enology-I, WT522 MJ Brewing Technology-I and WT 523 MJ Alcohol Technology-I
WT 520 OJT	Internship /On job training
WT 527 MJ	Equipment in alcoholic Beverages
WT 528 MJ	Fermentation Technology



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M.Sc.II Timetable (Sem IV) 2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:30AM	WT-4.5.2P	WT-4.6.2P	WT-4.7.2P	...	WT-4.5.1	WT-4.7.1
10:30AM-11:30AM	...	...	...	WT-4.5.1	WT-4.6.1	WT-4.6.1
11:30AM-12:30AM	...	...	...	WT-4.7.1	WT-4.1	WT-4.1
1:00PM-2:00PM			WT-4.1	WT-4.1	WT-4.2	WT-4.2
2:30PM-3:30PM				WT-4.2	WT-4.3	WT-4.2
3:30PM-4:30PM				...	WT-4.3	WT-4.3

Subjects :-

WT-4.1	Industrial waste treatment & Environmental management
WT-4.2	Business Management
WT-4.3	Chemical and Plant Engineering-II
WT-4.4	Research Project/In plant training
WT-4.5.1	Alcohol Technology- III
WT-4.6.1	Brewing Technology- III
WT-4.7.1	Enology- III



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DEPARTMENT OF COMMERCE

Time Table 2023-24
F.Y.B.Com- (Sem-I)

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	9.30 To 10.15	Financial Accounting (112)	Financial Accounting (112)	Financial Accounting (112)	Marketing and salesmanship (116C)	Marketing and salesmanship (116C)	Marketing and salesmanship (116C)
2	10.15 To 11.00	Compulsory English (111)	Compulsory English (111)	Compulsory English (111)	Computer Concepts & Application (114B)	Computer Concepts & Application (114B)	Computer Concepts & Application (114B)
3	11.00 To 11.45	Banking Finance (115B)	Banking Finance (115B)	Banking Finance (115B)	Business Economics (113)	Business Economics (113)	Business Economics (113)
4	11.45 To 12.30	Hindi (117C)/Marathi (117 B)	Hindi (117C)/Marathi (117 B)	Hindi (117C)/Marathi (117 B)	Physical Education (GR 1)	Employability skill Enhancement program (VA2)	



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DEPARTMENT OF COMMERCE

Time Table 2023-24
S.Y.B.Com- (Sem-III)

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	9.30 To 10.15	Business Management-(234)	Business Management-(234)	Business Management-(234)	Elements of Company Law – (235)	Elements of Company Law – (235)	Elements of Company Law – (235)
2	10.15 To 11.00	Business Communication- (231)	Business Communication- (231)	Business Communication- (231)	Corporate Accounting – (232)	Corporate Accounting – (232)	Corporate Accounting – (232)
3	11.00 To 11.45	Business Economics (macro) – (233)	Business Economics (macro) – (233)	Business Economics (macro) – (233)	AECC-1 Environment Awareness (239)	AECC-1 Environment Awareness (239)	AECC-1 Environment Awareness (239)
4	11.45 To 12.30	Business Administration (236A)/ Banking & Finance (236B)/ Cost & Work Accounting (236E)	Business Administration (236A)/ Banking & Finance (236B)/ Cost & Work Accounting (236E)	Business Administration (236A)/ Banking & Finance (236B)/ Cost & Work Accounting (236E)			



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DEPARTMENT OF COMMERCE

Time Table 2023-24
T.Y.B.Com- (Sem-V)

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	9.30 To 10.15	Business administration II (355A)/ Banking & Finance II (355B)/ Cost & Work Accounting II (355E)	Business administration II (355A)/ Banking & Finance II (355B)/ Cost & Work Accounting II (355E)	Business administration II (355A)/ Banking & Finance II (355B)/ Cost & Work Accounting II (355E)	Advanced accounting (352)	Advanced accounting (352)	Advanced accounting (352)
2	10.15 To 11.00	Business regulatory framework (351)	Business regulatory framework (351)	Business regulatory framework (351)	Indian & Global Economics (253 A)	Indian & Global Economics (253 A)	Indian & Global Economics (253 A)
3	11.00 To 11.45	Audit and Taxation (354)	Audit and Taxation (354)	Audit and Taxation (354)	Business Administration III (356A)/ Banking & Finance III (356B)/ Cost & Work Accounting III (356E)	Business Administration III (356A)/ Banking & Finance III (356B)/ Cost & Work Accounting III (356E)	Business Administration III (356A)/ Banking & Finance III (356B)/ Cost & Work Accounting III (356E)



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DEPARTMENT OF COMMERCE

Time Table 2023-24
M.Com- (Sem-I)

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	1:30 to 2:15	Management Accounting (121)	Management Accounting (121)	Management Accounting (121)	Management Accounting (121)	Human Rights	Cyber Security
2	2:15-3:00	Strategic Management (122)	Strategic Management (122)	Strategic Management (122)	Strategic Management (122)	-	-
3	3:00-3:45	Production and Operation Management (133)/ Advanced Cost Accounting (127)	Production and Operation Management (133)/ Advanced Cost Accounting (127)	Production and Operation Management (133)/ Advanced Cost Accounting (127)	Production and Operation Management (133)/ Advanced Cost Accounting (127)	-	-
4	3:45-4:30	Financial Management (134)/ Costing Technique Examinations and Responsibility Accounting (128)	Financial Management (134)/ Costing Technique Examinations and Responsibility Accounting (128)	Financial Management (134)/ Costing Technique Examinations and Responsibility Accounting (128)	Financial Management (134)/ Costing Technique Examinations and Responsibility Accounting (128)	-	-



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DEPARTMENT OF COMMERCE

Time Table 2023-24
M.Com- (Sem-III)

Sr. No.	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	1:30 to 2:15	Business finance (321)	Business finance (321)	Business finance (321)	Business finance (321)	Skill Development	Cyber Security
2	2:15-3:00	Research Methodology For Business (322)	Research Methodology For Business (322)	Research Methodology For Business (322)	Research Methodology For Business (322)	-	-
3	3:00-3:45	Cost Audit (327)/ Human Resource Management (333)	Cost Audit (327)/ Human Resource Management (333)	Cost Audit (327)/ Human Resource Management (333)	Cost Audit (327)/ Human Resource Management (333)	-	-
4	3:45-4:30	Management Audit (328)/ Organizational Behaviour (334)	Management Audit (328)/ Organizational Behaviour (334)	Management Audit (328)/ Organizational Behaviour (334)	Management Audit (328)/ Organizational Behaviour (334)	-	-



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DEPARTMENT OF COMMERCE

Time Table 2023-24
F.Y.B.Com- (Sem-II)

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	9.30 To 10.15	Financial Accounting (112)	Financial Accounting (112)	Financial Accounting (112)	Marketing and salesmans hip (116C)	Marketing and salesmans hip (116C)	Marketing and salesmans hip (116C)
2	10.15 To 11.00	Compulsory English (111)	Compulsory English (111)	Compulsory English (111)	Computer Concepts & Application (114B)	Computer Concepts & Application (114B)	Computer Concepts & Application (114B)
3	11.00 To 11.45	Banking Finance (115B)	Banking Finance (115B)	Banking Finance (115B)	Business Economics (113)	Business Economics (113)	Business Economics (113)
4	11.45 To 12.30	Hindi (117C)/Marathi (117 B)	Hindi (117C)/Marathi (117 B)	Hindi (117C)/Marathi (117 B)	Physical Education (GR 1)	Employability skill Enhancement program (VA2)	



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DEPARTMENT OF COMMERCE

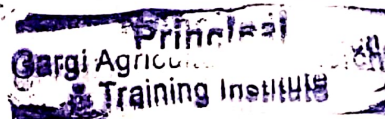
Time Table 2023-24
S.Y.B.Com- (Sem-IV)

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	9.30 To 10.15	Business Management-(234)	Business Management-(234)	Business Management-(234)	Elements of Company Law – (235)	Elements of Company Law – (235)	Elements of Company Law – (235)
2	10.15 To 11.00	Business Communication- (231)	Business Communication- (231)	Business Communication- (231)	Corporate Accounting – (232)	Corporate Accounting – (232)	Corporate Accounting – (232)
3	11.00 To 11.45	Business Economics (macro) – (233)	Business Economics (macro) – (233)	Business Economics (macro) – (233)	AECC-1 Environment Awareness (239)	AECC-1 Environment Awareness (239)	AECC-1 Environment Awareness (239)
4	11.45 To 12.30	Business Administration (236A)/ Banking & Finance (236B)/ Cost & Work Accounting (236E)	Business Administration (236A)/ Banking & Finance (236B)/ Cost & Work Accounting (236E)	Business Administration (236A)/ Banking & Finance (236B)/ Cost & Work Accounting (236E)			



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DEPARTMENT OF COMMERCE

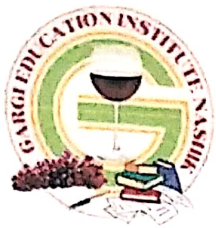
Time Table 2023-24
T.Y.B.Com- (Sem-VI)

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	9.30 To 10.15	Business administration II (355A)/ Banking & Finance II (355B)/ Cost & Work Accounting II (355E)	Business administration II (355A)/ Banking & Finance II (355B)/ Cost & Work Accounting II (355E)	Business administration II (355A)/ Banking & Finance II (355B)/ Cost & Work Accounting II (355E)	Advanced accounting (352)	Advanced accounting (352)	Advanced accounting (352)
2	10.15 To 11.00	Business regulatory framework (351)	Business regulatory framework (351)	Business regulatory framework (351)	Indian & Global Economics (253 A)	Indian & Global Economics (253 A)	Indian & Global Economics (253 A)
3	11.00 To 11.45	Audit and Taxation (354)	Audit and Taxation (354)	Audit and Taxation (354)	Business Administration III (356A)/ Banking & Finance III (356B)/ Cost & Work Accounting III (356E)	Business Administration III (356A)/ Banking & Finance III (356B)/ Cost & Work Accounting III (356E)	Business Administration III (356A)/ Banking & Finance III (356B)/ Cost & Work Accounting III (356E)



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DEPARTMENT OF COMMERCE

Time Table 2023-24
M.Com- (Sem-II)

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	1:30 to 2:15	Financial Analysis & Control (221)	Financial Analysis & Control (221)	Financial Analysis & Control (221)	Financial Analysis & Control (221)	Human Rights	Cyber Security
2	2:15-3:00	Industrial Economics (222 A)	Industrial Economics (222 A)	Industrial Economics (222 A)	Industrial Economics (222 A)	-	-
3	3:00-3:45	Application of Cost Accounting (227)/ Business Ethics & Professional Values (233)	Application of Cost Accounting (227)/ Business Ethics & Professional Values (233)	Application of Cost Accounting (227)/ Business Ethics & Professional Values (233)	Application of Cost Accounting (227)/ Business Ethics & Professional Values (233)	-	-
4	3:45-4:30	Cost Control and Cost Systems (228)/ Elements of Knowledge Management (234)	Cost Control and Cost Systems (228)/ Elements of Knowledge Management (234)	Cost Control and Cost Systems (228)/ Elements of Knowledge Management (234)	Cost Control and Cost Systems (228)/ Elements of Knowledge Management (234)	-	-

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DEPARTMENT OF COMMERCE

Time Table 2023-24
M.Com- (Sem-IV)

Sr. No	Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	1:30 to 2:15	Capital Market and Financial Services (421)	Capital Market and Financial Services (421)	Capital Market and Financial Services (421)	Capital Market and Financial Services (421)	Skill Development	Cyber Security
2	2:15-3:00	Industrial Economic Environment (422)	Industrial Economic Environment (422)	Industrial Economic Environment (422)	Industrial Economic Environment (422)	-	-
3	3:00-3:45	Recent Advances in Cost Auditing and Cost System (427)/ Recent Advances in Business Administration (433)	Recent Advances in Cost Auditing and Cost System (427)/ Recent Advances in Business Administration (433)	Recent Advances in Cost Auditing and Cost System (427)/ Recent Advances in Business Administration (433)	Recent Advances in Cost Auditing and Cost System (427)/ Recent Advances in Business Administration (433)	-	-
4	3:45-4:30	PROJECT WORK / CASE STUDIES (428) & (434)				-	-

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M.Sc.II Timetable (Sem IV)2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:30AM	WT-4.5.2P	WT-4.6.2P	WT-4.7.2P	...	WT-4.5.1	WT-4.7.1
10:30AM-11:30AM	...	...	...	WT-4.5.1	WT-4.6.1	WT-4.6.1
11:30AM-12:30AM	...	...	...	WT-4.7.1	WT-4.1	WT-4.1
1:00PM-2:00PM			WT-4.1	WT-4.1	WT-4.2	WT-4.2
2:30PM-3:30PM				WT-4.2	WT-4.3	WT-4.2
3:30PM-4:30PM				...	WT-4.3	WT-4.3

Subjects :-

WT-4.1	Industrial waste treatment & Environmental management
WT-4.2	Business Management
WT-4.3	Chemical and Plant Engineering-II
WT-4.4	Research Project/In plant training
WT-4.5.1	Alcohol Technology- III
WT-4.6.1	Brewing Technology- III
WT-4.7.1	Enology- III



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F.Y.B.Sc(Computer Science). Timetable (Sem II)2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:15AM	CS-121	CS-121	CS-121	CS-122	CS-122	CS-122
10:15AM-11:00AM	Elec-121	Elec-121	Elec-121	Elec -122	Elec -122	Elec -122
11:00AM-11:45AM	CSST-121	CSST-121	CSST-121	CSST-112	CSST-112	CSST-112
11:45AM-12:30PM	MTC-121	MTC-121	MTC-121	MTC-122	MTC-122	MTC-122

Practicals:-

1:00PM-2:45PM	CS-123	Elec-123	CSST-123	CS-123	Elec-123	CSST-123
2:45PM-4:00PM						

Subjects :-

CS-121	Advanced 'C' Programming
CS-122	Relational Database Management Systems
CS-123	Practical Course Based On CS-121 And CS-122
MTC-121	Linear Algebra
MTC-122	Graph Theory
MTC-123	Mathematics Practical
CSST-121	Methods of Applied Statistics
CSST-122	Continuous Probability Distributions and Testing of Hypothesis
CSST-123	Statistics Practical Paper - II
Elec-121	Instrumentation System
Elec-122	Basics of Computer Organisation
Elec-123	Electronics Lab IB



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S.Y.B.Sc(Computer Science). Timetable (Sem IV)2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:15AM	Elec-241	Elec-241	Elec-241	Elec-242	Elec-242	Elec-242
10:15AM-11:00AM	CS-241	CS-241	CS-241	CS-242	CS-242	CS-242
11:00AM-11:45AM	MTC-241	MTC-241	MTC-241	MTC-242	MTC-242	MTC-242
11:45AM-12:30PM	Envi.Science-II	Envi.Science-II	Envi.Science-II	Lang. Communication	Lang. Communication	Lang. Communication

Practicals:-

1:00PM-2:45PM	Elec-243	MTC-243	CS-243	CS-243	Elec-243	MTC-243
2:45PM-4:00PM						

Subjects :-

CS-241	Data Structure And Algorithms-II
CS-242	Computer Networks-I
CS-243	Practical Course Based On CS-241 And CS-242
MTC-241	Computational Geometry
MTC-242	Operations Research
MTC-243	Mathematics Practical(Python Programming Lang-II)
Elec-241	Embedded System Design
Elec-242	Wireless Communication And IOT
Elec-243	Practical Course II

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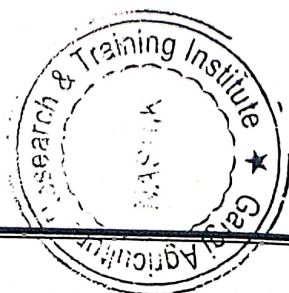


T.Y.B. Sc (Computer Science). Timetable (Sem VI)-2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
9:30AM-10:15AM	CS-361	CS-361	CS-361	CS-365	CS-365	CS-365
10:15AM-11:00AM	CS-362	CS-362	CS-362	CS-366	CS-366	CS-366
11:00AM-11:45AM	CS-363	CS-363	CS-363	CS-3610	CS-3610	CS-3610
11:45AM-12:30PM	CS-364	CS-364	CS-364	CS-361	CS-362	CS-363
Practicals:-						
1:00PM-2:45PM	CS-367	CS-367	CS-368	CS-368	CS-369	CS-369
2:45PM-4:00PM	Practical	Practical	Practical	Practical	Practical	Practical

Subjects :-

CS-361	Operating Systems – II
CS-362	Software Testing
CS-367	Practical course based on CS 361
CS-363	Web Technologies – II
CS-364	Data Analytics
CS-368	Practical course based on CS 363 and CS 364
CS-365	Object Oriented Programming using Java - II
CS-366	Compiler Construction
CS-369	Practical Course based on CS 365
CS-3610	Software Testing Tools
CS-3611	Project



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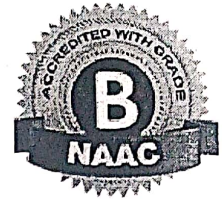
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MSc(Computer Science)First Year. Timetable (Sem II)2023-2024

Time	Mon	Tue	Wed	Thu	Fri	Sat
10:00AM-10:45AM	CS-551-MJ	CS-551-MJ	CS-551-MJ	CS-552-MJ	CS-552-MJ	CS-552-MJ
10:45AM-11:30AM	CS-553-MJ	CS-553-MJ	CS-553-MJ	CS-562-MJ	CS-562-MJ	CS-562-MJ
11:30AM-12:15AM	CS-552-RM	CS-552-RM	CS-552-RM	CS-551-MJ	CS-551-MJ	CS-551-MJ
11:45AM-12:30PM	CS-562-MJ	CS-562-MJ	CS-552-MJ	CS-553-MJ	CS-553-RM	

Practicals:-

1:00PM-2:45PM	CS-554-MJP	CS-555-MJP	CS-563-MJP	CS-554-MJP	CS-555-MJP	CS-563-MJP
2:45PM-4:00PM	Practical	Practical	Practical	Practical	Practical	Practical

Subjects:-

CS-551-MJ	Design and Analysis of Algorithms
CS-552-MJ	Mobile App Development Technologies
CS-553-MJ	Software Project Management
CS-554-MJP	Lab course on CS-551-MJ
CS-555-MJP	Lab course on CS-552-MJ
CS-562-MJ	Web Services
CS-563-MJP	Lab Course on CS-562-MJ



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F.Y BSC COMP SCIENCE

**CS-111: PROBLEMS SOLVING USING COMPUTER
AND 'C'**

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.41	2.39	
CO-2	2.45	2.41	
CO-3	2.48	2.45	
Total	7.34/3=2.44	2.416666667	
50%	1.22	1.2	2.42

CS-112: DATABASE MANAGEMENT SYSTEM

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.45	2.35	
CO-2	2.60	2.59	
CO-3	2.90	2.85	
Total	7.95/3=2.651	2.596666667	
50%	1.32	0.865	2.21



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MTC - 111: MATRIX ALGEBRA

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.60	2.61	
CO-2	2.61	2.62	
CO-3	2.89	2.9	
Total	$8.1/3=2.7$	2.71	
50%	1.35	1.355	2.7

MTC - 112: DISCRETE MATHEMATICS

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.35	2.36	
CO-2	2.38	2.39	
CO-3	2.80	2.82	
Total	$7.53/3=2.513$	$7.57/3=2.52$	
50%	1.25	1.26	2.51



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**ELC-111: SEMICONDUCTOR DEVICES AND BASIC
ELECTRONIC SYSTEM
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.55	2.54	
CO-2	2.56	2.55	
CO-3	2.63	2.61	
Total	$7.74/3=2.58$	2.566666667	
50%	1.29	1.28	2.57

**ELC - 112: PRINCIPAL OF DIGITAL ELECTRONICS
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.51	2.49	
CO-2	2.52	2.51	
CO-3	2.91	2.9	
Total	$7.94/3=2.647$	2.633333333	
50%	1.32	1.32	2.64



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**CSST-111: DESCRIPTIVE STATISTICS I
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.36	2.38	
CO-2	2.39	2.38	
CO-3	2.63	2.62	
Total	7.38/3=2.46	2.46	
50%	1.23	1.23	2.46

**CSST-112: MATHEMATICAL STATISTICS
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.61	2.59	
CO-2	2.62	2.58	
CO-3	2.86	2.84	
Total	8.09/3=2.69	2.67	
50%	1.34	1.33	2.67


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S.Y BSC COMPUTER SCIENCE

**CS-231 DATA STRUCTURES AND ALGORITHMS
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.52	2.51	
CO-2	2.54	2.53	
CO-3	2.58	2.57	
Total	2.546666667	2.536666667	
50%	1.27	1.268	2.538

**CS - 232 SOFTWARE ENGINEERING
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.55	2.51	
CO-2	2.58	2.53	
CO-3	2.59	2.57	
Total	2.573333333	2.536666667	
50%	1.28	1.26	2.54



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**MTC - 231 GROUP AND CODING THEORY
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	s
CO-1	2.61	2.62	
CO-2	2.63	2.64	
CO-3	2.62	2.65	
Total	2.62	2.636666667	
50%	1.31	1.31	2.62

**MTC - 232 NUMERICAL TECHNIQUES
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.64	2.51	
CO-2	2.63	2.53	
CO-3	2.62	2.57	
Total	2.63	2.536666667	
50%	1.31	1.26	2.57



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**ELC - 231 MICROCONTROLE ARCHITECTURE &
PROGRAMMING
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.66	2.65	
CO-2	2.67	2.66	
CO-3	2.68	2.67	
Total	2.67	2.66	
50%	1.33	1.33	2.66

**ELC - 232 DIGITAL COMMUNICATION AND
NETWORKING
Total CO Attainment**

CO- Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.65	2.65	
CO-2	2.66	2.66	
CO-3	2.62	2.67	
Total	2.643333333	2.66	
50%	1.32	1.33	2.66



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**AECC - I ENVIRONMENT SCIENCE - I
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.62	2.61	
CO-2	2.63	2.62	
CO-3	2.64	2.63	
Total	2.63	2.62	
50%	1.31	1.31	2.62

**AECC - II LANGUAGE COMMUNICATION - I
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.43	2.42	
CO-2	2.48	2.47	
CO-3	2.45	2.44	
Total	2.453333333	2.443333333	
50%	1.22	1.22	2.44


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T.Y BSC COMPUTER SCIENCE

CS-354 FOUNDATION OF DATASCIENCE

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.36	2.35	
CO-2	2.37	2.36	
CO-3	2.38	2.37	
Total	2.37	2.36	
50%	1.18	1.18	2.36

**CS-355 OBJECT ORIENTED PROGRAMMING
USING JAVA - I**

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.39	2.38	
CO-2	2.33	2.32	
CO-3	2.34	2.33	
Total	2.353333333	2.343333333	
50%	1.17	1.17	2.34



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CS-356 THEORETICAL COMPUTER SCIENCE
Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.55	2.54	
CO-2	2.33	2.31	
CO-3	2.34	2.33	
Total	2.406666667	2.393333333	
50%	1.20	1.19	2.39

CS-3510 PYTHON PROGRAMMING
Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.45	2.44	
CO-2	2.48	2.47	
CO-3	2.49	2.48	
Total	2.473333333	2.463333333	
50%	1.23	1.23	2.46



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**CS-3511 BLOCKCHAIN TECHNOLOGY
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.49	2.48	
CO-2	2.53	2.52	
CO-3	2.55	2.54	
Total	2.523333333	2.513333333	
50%	1.26	1.25	2.51

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MSC I COMPUTER SCIENCE

**CS-501-MJ ADVANCED OPERATING SYSTEM
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.53	1.52	
CO-2	1.54	1.53	
CO-3	0.00	0.02	
CO-4	1.56	1.55	
CO-5	1.57	1.56	
CO-6	0.00	0.03	
Total	1.033333333	1.035	
50%	0.51	0.51	1.02

**CS-502-MJ ARTIFICIAL INTELLIGENCE
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.63	1.62	
CO-2	1.64	1.63	
CO-3	0.00	0.08	
CO-4	1.67	1.66	
CO-5	1.68	1.67	
CO-6	0.00	0.09	
Total	1.103333333	1.125	
50%	0.55	0.56	1.11



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**CS-503-MJ PRINCIPAL OF PROGRAMMING
LANGUAGE
Total CO Attainment**

CO- Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.72	1.71	
CO-2	1.73	1.72	
CO-3	0.00	0.08	
CO-4	1.78	1.77	
CO-5	1.82	1.81	
CO-6	0.79	0.78	
Total	1.306666667	1.311666667	
50%	0.65	0.655	1.305

**CS-512-MJ CLOUD COMPUTING
Total CO Attainment**

CO- Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.85	1.84	
CO-2	1.86	1.85	
CO-3	0.00	0.05	
CO-4	1.84	1.83	
CO-5	1.87	1.86	
CO-6	0.78	0.77	
Total	1.366666667	1.366666667	
50%	0.68	0.68	1.36



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**CS-531-RM RESEARCH METHODOLOGY
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.53	1.52	
CO-2	1.54	1.53	
CO-3	0.00	0.06	
CO-4	1.56	1.55	
CO-5	1.85	1.84	
CO-6	0.00	0.07	
Total	1.08	1.095	
50%	0.54	0.54	1.08


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MSC II COMPUTER SCIENCE

**CS-601-MJ SOFTWARE
ARCHITECTURE AND
DESIGN PATTERN
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.62	1.61	
CO-2	1.65	1.64	
CO-3	0.00	0.09	
CO-4	1.68	1.67	
CO-5	1.67	1.66	
CO-6	0.00	0.08	
Total	1.103333333	1.125	
50%	0.55	0.56	1.11

**CS-602-MJ MACHINE
LEARNING
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.58	1.57	
CO-2	1.59	1.58	
CO-3	0.00	0.08	
CO-4	1.66	1.65	
CO-5	1.55	1.54	
CO-6	0.76	0.75	
Total	1.19	1.195	
50%	0.59	0.59	1.18



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**CS-603-MJ - INTERNET OF THINGS
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.87	1.86	
CO-2	1.78	1.77	
CO-3	0.00	0.05	
CO-4	1.82	1.81	
CO-5	1.75	1.74	
CO-6	0.00	0.07	
Total	1.203333333	1.216666667	
50%	0.60	0.6	1.2

**CS-614-MJ - SOFT COMPUTING
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.63	1.62	
CO-2	1.64	1.63	
CO-3	0.00	0.05	
CO-4	1.75	1.74	
CO-5	1.78	1.77	
CO-6	0.75	0.74	
Total	1.258333333	1.258333333	
50%	0.62	0.62	1.24

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DEPARTMENT: COMMERCE

FIRST YEAR BACHELOR OF COMMERCE

121: Compulsory English (FY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.33	2.21	
2	CO2	2.69	2.02	
3	CO3	2.71	2.33	
4	CO4	2.6	2.19	
5	CO5	2.19	2.15	
Attainment		2.504	2.18	
weightage		80%	20%	
total attainment		2.0032	0.436	2.4392

122: Financial Accounting (FY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assesment	Indirect Assesment	Total
1	CO1	2.48	2.02	
2	CO2	2.55	2.33	
3	CO3	2.85	2.1	
4	CO4	2.67	2.17	
5	CO5	2.88	2.04	
Attainment		2.686	2.132	
weight age		80%	20%	
total attainment		1.743	1.166	2.909



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123: Business Economics (FY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.34	2.31	
2	CO2	2.23	2.22	
3	CO3	2.45	2.14	
4	CO4	2.63	2.03	
5	CO5	2.39	2.14	
Attainment		2.408	2.168	
weightage		80%	20%	
total attainment		1.604	1.184	2.788

124 B: computer concept & application (FY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.31	2.22	
2	CO2	2.29	2.13	
3	CO3	2.43	2.1	
4	CO4	2.49	2.29	
5	CO5	2.36	2.32	
Attainment		2.376	2.212	
weightage		80%	20%	
total attainment		1.588	1.206	2.794



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125 B: Banking & Finance (FY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.43	2.05	
2	CO2	2.68	2.02	
3	CO3	2.49	2	
4	CO4	2.66	2.16	
5	CO5	2.41	2.18	
Attainment		2.534	2.082	
weightage		80%	20%	
total attainment		1.667	1.141	2.808

126 C: Marketing & Salesmanship (FY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessments	Indirect Assessment	Total
1	CO1	2.34	2.16	
2	CO2	2.22	2.17	
3	CO3	2.56	2.08	
4	CO4	2.39	2.2	
5	CO5	2.46	2.19	
Attainment		2.394	2.16	
weightage		80%	20%	
total attainment		1.597	1.18	2.777



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127 B: Marathi (FY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessments	Indirect Assessment	Total
1	CO1	2.78	2.15	
2	CO2	2.67	2.31	
3	CO3	2.46	2.17	
4	CO4	2.65	2.06	
5	CO5	2.16	2.18	
Attainment		2.544	2.174	
weightage		80%	20%	
total attainment		1.672	1.187	2.859

127 C: Hindi (FY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessments	Indirect Assessment	Total
1	CO1	2.63	2.07	
2	CO2	2.78	2.11	
3	CO3	2.28	2.25	
4	CO4	2.49	2	
5	CO5	2.67	2.16	
Attainment		2.57	2.118	
weightage		80%	20%	
total attainment		1.685	1.159	2.844



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241: BUSINESS COMMUNICATION (SY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.55	2.15	
2	CO2	2.35	2.1	
3	CO3	2.89	2	
4	CO4	2.8	2.37	
5	CO5	2.65	2.05	
Attainment		2.648	2.134	
weightage		80%	20%	
total attainment		1.724	1.167	2.891

242: CORPORATE ACCOUNTING (SY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.56	2.25	
2	CO2	2.41	2.37	
3	CO3	2.68	2.18	
4	CO4	2.74	2.07	
5	CO5	2.55	2.03	
Attainment		2.588	2.18	
weightage		80%	20%	
total attainment		1.694	1.19	2.884



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243: BUSINESS ECONOMICS (SY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.56	2.14	
2	CO2	2.49	2.33	
3	CO3	2.38	2.4	
4	CO4	2.67	2.1	
5	CO5	2.79	2.02	
Attainment		2.578	2.198	
weightage		80%	20%	
total attainment		1.689	1.199	2.888

244: BUSINESS MANAGEMENT (SY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.79	2.18	
2	CO2	2.16	2.09	
3	CO3	2.45	2.12	
4	CO4	2.55	2.49	
5	CO5	2.68	2.13	
Attainment		2.526	2.202	
weightage		80%	20%	
total attainment		1.663	1.201	2.864



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245: ELEMENTS OF COMPANY LAW (SY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.46	2.18	
2	CO2	2.69	2.22	
3	CO3	2.57	2.35	
4	CO4	2.66	2.02	
5	CO5	2.72	2.19	
Attainment		2.62	2.192	
weightage		80%	20%	
total attainment		1.71	1.196	2.906

246 A: BUSINESS ADMINISTRATION (SY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.56	2.07	
2	CO2	2.89	2.19	
3	CO3	2.45	2.06	
4	CO4	2.33	2.22	
5	CO5	2.51	2.16	
Attainment		2.548	2.14	
weightage		80%	20%	
total attainment		1.674	1.17	2.844



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246 B : BANKING & FINANCE (SY.B.COM)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.65	2.19	
2	CO2	2.49	2.33	
3	CO3	2.77	2.01	
4	CO4	2.66	2.21	
5	CO5	2.54	2.08	
Attainment		2.622	2.164	
weightage		80%	20%	
total attainment		1.711	1.182	2.893

246 E: COST & WORK ACCOUNTING (SY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.66	2.15	
2	CO2	2.39	2.06	
3	CO3	2.78	2.21	
4	CO4	2.48	2.14	
5	CO5	2.52	2.1	
Attainment		2.566	2.132	
weightage		80%	20%	
total attainment		1.683	1.166	2.849



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THIRD YEAR BACHELOR OF COMERCE

361: BUSINESS REGULATORY FRAMEWORK (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.65	2.19	
2	CO2	2.75	2.06	
3	CO3	2.45	2.15	
4	CO4	2.31	2.22	
5	CO5	2.33	2.29	
Attainment		2.498	2.182	
weightage		80%	20%	
total attainment		1.649	1.191	2.84

362: ADVANCED ACCOUNTING (TY.B.COM)

CO Attainment				
Sr.No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.51	2.22	
2	CO2	2.49	2.16	
3	CO3	2.72	2.09	
4	CO4	2.45	2.05	
5	CO5	2.35	2.12	
Attainment		2.504	2.128	
weightage		80%	20%	
total attainment		1.652	1.164	2.816



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363 A: INDIAN & GLOBAL ECONOMICS (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.69	2.19	
2	CO2	2.5	2.46	
3	CO3	2.41	2.39	
4	CO4	2.39	2.4	
5	CO5	2.61	2.06	
Attainment		2.52	2.3	
weightage		80%	20%	
total attainment		1.66	1.25	2.91

364: AUDITING & TAXATION (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.39	2.09	
2	CO2	2.45	2.16	
3	CO3	2.66	2.25	
4	CO4	2.71	2.13	
5	CO5	2.31	2.05	
Attainment		2.504	2.136	
weightage		80%	20%	
total attainment		1.652	1.168	2.82



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365 A: BUSINESS ADMINISTRATION- II (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessments	Indirect Assessments	Total
1	CO1	2.41	2.08	
2	CO2	2.72	2.16	
3	CO3	2.55	2.06	
4	CO4	2.49	2.22	
5	CO5	2.31	2.03	
Attainment		2.496	2.11	
weightage		80%	20%	
total attainment		1.648	1.155	2.803

365 B : BANKING & FINANCE- II (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.46	2.19	
2	CO2	2.53	2.25	
3	CO3	2.71	2.31	
4	CO4	2.53	2.12	
5	CO5	2.44	2.08	
Attainment		2.534	2.19	
weightage		80%	20%	
total attainment		1.667	1.195	2.862



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365 E: COST & WORK ACCOUNTING - II (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.5	2.16	
2	CO2	2.75	2.04	
3	CO3	2.68	2.13	
4	CO4	2.35	2.06	
5	CO5	2.55	2.2	
Attainment		2.566	2.118	
weightage		80%	20%	
total attainment		1.683	1.159	2.842

366 A: BUSINESS ADMINISTRATION- III (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.69	2.13	
2	CO2	2.75	2.21	
3	CO3	2.55	2.03	
4	CO4	2.43	2.11	
5	CO5	2.33	2.17	
Attainment		2.55	2.13	
weightage		80%	20%	
total attainment		1.675	1.165	2.84



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366 B: BANKING & FINANCE- III (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.66	2.13	
2	CO2	2.49	2.21	
3	CO3	2.58	2.06	
4	CO4	2.47	2.17	
5	CO5	2.35	2.02	
Attainment		2.51	2.118	
weightage		80%	20%	
total attainment		1.655	1.159	2.814

366 E : COST & WORK ACCOUNTING - III (TY.B.COM)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.39	2.07	
2	CO2	2.55	2.19	
3	CO3	2.48	2.12	
4	CO4	2.61	2.21	
5	CO5	2.33	2.01	
Attainment		2.472	2.12	
weightage		80%	20%	
total attainment		1.636	1.16	2.796




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DEPARTMENT: COMMERCE

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221: FINANCIAL ANALYSIS & CONTROL (M.COM - I)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.35	2.15	
2	CO2	2.48	2.07	
3	CO3	2.38	2.12	
4	CO4	2.97	2.21	
Attainment		2.545	2.1375	
weightage		80%	20%	
total attainment		1.6725	1.16875	2.84125

222 A: Industrial Economics (M.COM - I)

CO Attainment				
Sr.No	CO Number	Direct Assessments	Indirect Assessment	Total
1	CO1	2.37	2.15	
2	CO2	2.78	2.02	
3	CO3	2.62	2.21	
4	CO4	2.59	2.35	
Attainment		2.59	2.1825	
weightage		80%	20%	
total attainment		1.695	1.19125	2.88625



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233- Ethics & Professional Values (M.COM - I)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.41	2.08	
2	CO2	2.69	2.18	
3	CO3	2.73	2.24	
4	CO4	2.57	2.38	
5	CO5	2.68	2	
Attainment		2.616	2.176	
weightage		80%	20%	
total attainment		1.708	1.188	2.896

234- Elements of Knowledge Management (M.COM - I)

CO Attainment				
Sr.No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.44	2.07	
2	CO2	2.78	2.17	
3	CO3	2.67	2.28	
4	CO4	2.89	2	
5	CO5	2.51	2.15	
Attainment		2.658	2.134	
weightage		80%	20%	
total attainment		1.729	1.167	2.896



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421- Capital Market & Financial Services (M.COM-II)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.45	2.1	
2	CO2	2.36	2.25	
3	CO3	2.49	2.19	
4	CO4	2.75	2.04	
Attainment		2.5125	2.145	
weightage		80%	20%	2.82875
total attainment		1.65625	1.1725	

422 A- Industrial Economics Development (M.COM-II)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.77	2.13	
2	CO2	2.68	2.31	
3	CO3	2.54	2.19	
4	CO4	2.75	2.12	
Attainment		2.685	2.1875	
weightage		80%	20%	2.93625
total attainment		1.7425	1.19375	



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427- Recent Advances in Cost Auditing & Cost System (M.COM - II)

CO Attainment				
Sr.No	CO Number	Direct Assessment	Indirect Assessments	Total
1	CO1	2.75	2.06	
2	CO2	2.46	2.18	
3	CO3	2.67	2	
4	CO4	2.62	2.34	
5	CO5	2.45	2.1	
Attainment		2.59	2.136	
weightage		80%	20%	
total attainment		1.695	1.168	2.863

428- Project Work/ Case study (M.COM-II)

CO Attainment				
Sr.No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.75	2.06	
2	CO2	2.46	2.18	
3	CO3	2.67	2	
4	CO4	2.62	2.34	
5	CO5	2.45	2.1	
Attainment		2.59	2.136	
weightage		80%	20%	
total attainment		1.695	1.168	2.863



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433- Recent Advances in Business Administration (M.COM-II)

CO Attainment				
Sr.No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.78	2.17	
2	CO2	2.45	2.18	
3	CO3	2.67	2.3	
4	CO4	2.34	2.05	
5	CO5	2.71	2.14	
Attainment		2.59	2.168	
weightage		80%	20%	
total attainment		1.695	1.184	2.879

434- Project Work/ Case study (M.COM - II)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.64	2.12	
2	CO2	2.56	2.1	
3	CO3	2.76	2.19	
4	CO4	2.66	2.22	
5	CO5	2.46	2.02	
Attainment		2.616	2.13	
weightage		80%	20%	
total attainment		1.708	1.165	2.873


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DEPARTMENT: WBAT

FIRST YEAR BACHELOR OF SCIENCE

WBAT-111: Basic Microbiology Paper I (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	1.35	1	
2	CO2	1.54	1.5	
3	CO3	1.25	1	
Attainment		1.38	1.1666667	
weightage		80%	20%	
total attainment		1.104	0.2333333	1.337333333

WBAT-112: Industrial Microbiology Paper I (FY.B. Sc)

CO AttainmentB9:F16				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	1.45	1.5	
2	CO2	1.45	1.5	
3	CO3	1.35	1	
Attainment		1.42	1.333333333	
weightage		80%	20%	
total attainment		1.133333333	0.266666667	1.4



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DEPARTMENT: WBAT

FIRST YEAR BACHELOR OF SCIENCE

WBAT-111: Basic Microbiology Paper I (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	1.35	1	
2	CO2	1.54	1.5	
3	CO3	1.25	1	
Attainment		1.38	1.1666667	
weightage		80%	20%	
total attainment		1.104	0.2333333	1.33733333

WBAT-112: Industrial Microbiology Paper I (FY.B. Sc)

CO AttainmentB9:F16				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	1.45	1.5	
2	CO2	1.45	1.5	
3	CO3	1.35	1	
Attainment		1.42	1.33333333	
weightage		80%	20%	
total attainment		1.13333333	0.26666667	1.4



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WBAT-113: Introduction to Botany (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	0.67	1	
2	CO2	0.67	1	
3	CO3	0.77	1	
Attainment		0.70	1	
weightage		80%	20%	
total attainment		0.562666667	0.2	0.76267

WBAT-114: Plant Development and Anatomy (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	0.77	1	
2	CO2	0.77	1	
3	CO3	0.77	1	
Attainment		0.77	1	
weightage		80%	20%	
total attainment		0.616	0.2	0.816



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WBAT-115: Basic Biochemistry Paper I (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.80	3	
2	CO2	2.80	3	
3	CO3	2.61	2.5	
Attainment		2.74	2.833333333	
weightage		80%	20%	
total attainment		2.189333333	0.566666667	2.756

WBAT-116: Metabolic Pathways Paper (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	1.16	1	
2	CO2	1.16	1	
3	CO3	1.93	1.5	
Attainment		1.42	1.166666667	
weightage		80%	20%	
total attainment		1.133333333	0.233333333	1.36667



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WBAT-117: Wine Technology (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	0.77	1	
2	CO2	1.74	1.5	
3	CO3	2.41	2	
Attainment		1.64	1.5	
weightage		80%	20%	
total attainment		1.312	0.3	1.612

WBAT-118: Sensory Evaluation of wine paper I (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.03	2	
2	CO2	2.03	2	
3	CO3	1.93	2	
Attainment		2.00	2	
weightage		80%	20%	
total attainment		1.597333333	0.4	1.99733



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WBAT-121: Basic Microbiology Paper II (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.80	2.5	
2	CO2	2.80	2.5	
3	CO3	2.03	2	
Attainment		2.54	2.333333333	
weightage		80%	20%	
total attainment		2.034666667	0.466666667	2.50133

WBAT-122: Industrial Microbiology Paper II (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.61	2.5	
2	CO2	2.61	2.5	
3	CO3	2.41	2	
Attainment		2.54	2.333333333	
weightage		80%	20%	
total attainment		2.034666667	0.466666667	2.50133



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WBAT-123: Plant Physiology (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	0.87	1	
2	CO2	0.87	1	
3	CO3	0.77	1	
Attainment		0.84	1	
weightage		80%	20%	
total attainment		0.669333333	0.2	0.86933

WBAT-124: Applied Botany (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	1.61	1.5	
2	CO2	1.61	1.5	
3	CO3	1.64	1.5	
Attainment		1.62	1.5	
weightage		80%	20%	
total attainment		1.296	0.3	1.596



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WBAT-125: Basic Biochemistry Paper II (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.22	2	
2	CO2	2.22	2	
3	CO3	1.83	2.5	
Attainment		2.09	2.166666667	
weightage		80%	20%	
total attainment		1.672	0.433333333	

WBAT-126: Metabolic Pathways Paper II (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.61	2.5	
2	CO2	2.61	2.5	
3	CO3	1.74	1.5	
Attainment		2.32	2.166666667	
weightage		80%	20%	
total attainment		1.856	0.433333333	



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WBAT-127: Introduction to Beer, Wine and Alcohol Technology (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.03	2	
2	CO2	2.03	2	
3	CO3	2.03	2	
Attainment		2.03	2	
weightage		80%	20%	
total attainment		1.624	0.4	2.024

WBAT-128: Sensory evaluation of wine paper-II (FY.B. Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.70	2.5	
2	CO2	2.70	2.5	
3	CO3	2.70	2.5	
Attainment		2.70	2.5	
weightage		80%	20%	
total attainment		2.16	0.5	2.66




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DEPARTMENT: WINE TECHNOLOGY

SECOND YEAR BACHELOR OF SCIENCE (2022-23)

SEM - III

WBAT- 231: YEAST TECHNOLOGY PAPER -I (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.19	2.03	
2	CO2	1.96	1.9	
3	CO3	1.85	1.8	
Attainment		2	1.91	
weightage		80%	20%	
total attainment		1.6	0.382	1.982

WBAT-232: FERMENTATION TECHNOLOGY PAPER-I (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assesment	Indirect Assesment	Total
1	CO1	1.96	1.9	
2	CO2	1.96	1.9	
3	CO3	1.85	1.8	
Attainment		1.92	1.87	
weight age		80%	20%	
total attainment		1.536	0.374	1.91



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WBAT- 233: BREWING TECHNOLOGY PAPER-I (S.Y.B.Sc.)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.19	2.04	
2	CO2	1.62	1.5	
3	CO3	1.85	1.8	
Attainment		1.89	1.78	
weightage		80%	20%	
total attainment		1.512	0.356	1.868

WBAT-234 ALCOHOL TECHNOLOGY PAPER-II (S.Y.B.Sc.)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.54	2.5	
2	CO2	2.08	1.95	
3	CO3	1.85	1.8	
Attainment		2.16	2.08	
weightage		80%	20%	
total attainment		1.728	0.416	2.144



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WBAT- 235: BIOCHEMISTRY PAPER-III (S.Y.B.Sc)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.54	2.5	
2	CO2	2.42	2.4	
3	CO3	2.31	2.2	
Attainment		2.42	2.37	
weightage		80%	20%	
total attainment		1.936	0.474	2.41

WBAT- 236: VINEYARD TECHNOLOGY PAPER -I (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessments	Indirect Assessment	Total
1	CO1	2.08	1.95	
2	CO2	1.73	1.7	
3	CO3	1.73	1.6	
Attainment		1.85	1.75	
weightage		80%	20%	
total attainment		1.48	0.35	1.83



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WBAT-237: ENVIRONMENTAL AWARENESS (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessments	Indirect Assessment	Total
1	CO1	1.85	1.8	
2	CO2	1.04	1.0	
3	CO3	1.04	0.98	
Attainment		1.31	1.26	
weightage		80%	20%	
total attainment		1.048	0.252	1.3

WBAT- 238: ENGLISH COMMUNICATION (S.Y.B.Sc)

CO Attainment				
Sr. No.	CO Number	Direct Assessments	Indirect Assessment	Total
1	CO1	2.42	2.3	
2	CO2	1.85	1.8	
3	CO3	1.73	1.7	
Attainment		2	1.93	
weightage		80%	20%	
total attainment		1.6	0.386	1.986



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DEPARTMENT: WINE TECHNOLOGY

SECOND YEAR BACHELOR OF SCIENCE (2022-23)

SEM - IV

WBAT- 241: YEAST TECHNOLOGY (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.42	2.3	
2	CO2	2.30	2.3	
3	CO3	1.85	1.8	
Attainment		2.19	2.13	
weightage		80%	20%	
total attainment		1.752	0.426	2.178

WBAT- 242: FERMENTATION TECHNOLOGY-II (S.Y.B.Sc)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.19	2.06	
2	CO2	2.19	2.08	
3	CO3	1.50	1.5	
Attainment		1.96	1.88	
weightage		80%	20%	
total attainment		1.568	0.376	1.944



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WBAT- 243: WINE TECHNOLOGY-I (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.42	2.3	
2	CO2	2.19	2.1	
3	CO3	2.08	1.98	
Attainment		2.23	2.13	
weightage		80%	20%	
total attainment		1.784	0.426	2.21

WBAT-244: WINE TECHNOLOGY-II (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.65	2.6	
2	CO2	2.42	2.4	
3	CO3	2.31	2.2	
Attainment		2.46	2.4	
weightage		80%	20%	
total attainment		1.968	0.48	2.448



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WBAT- 245: WASTE TREATMENT-I (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.08	1.98	
2	CO2	1.85	1.8	
3	CO3	1.62	1.6	
Attainment		1.85	1.79	
weightage		80%	20%	
total attainment		1.48	0.358	1.838

WBAT- 246: WINE TECHNOLOGY- II (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	1.38	1.3	
2	CO2	1.04	1.0	
3	CO3	0.92	0.9	
Attainment		1.11	1.07	
weightage		80%	20%	
total attainment		0.888	0.214	1.102



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WBAT- 247: ENVIRONMENTAL AWARENESS (S.Y.B.Sc.)

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	1.85	1.8	
2	CO2	1.96	1.9	
3	CO3	1.50	1.5	
Attainment		1.77	1.73	
weightage		80%	20%	
total attainment		1.416	0.346	1.762

WBAT-248: ENGLISH COMMUNICATION (S.Y.B.Sc.)

CO Attainment				
Sr. No	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.77	2.7	
2	CO2	2.65	2.6	
3	CO3	2.19	2.1	
Attainment		2.54	2.47	
weightage		80%	20%	
total attainment		2.032	0.494	2.526

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DEPARTMENT: SCIENCE(WINE TECHNOLOGY)

FIRST YEAR MASTER OF WINE, BREWING AND ALCOHOL TECHNOLOGY

SEM-I

WT-1.1: Viticulture

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	3.00	2.9	
2	CO2	3.00	2.9	
3	CO3	2.94	2.9	
4	CO4	2.94	2.8	
5	CO5	2.81	2.8	
6	CO6	2.88	2.8	
Attainment		2.93	2.85	
weightage		80%	20%	
total attainment		2.34	0.57	2.91

WT-1.2 Microbiology of alcohol, beer and wine

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.44	2.5	
2	CO2	2.06	2	
3	CO3	1.94	2	
4	CO4	1.75	2	
5	CO5	1.88	2.2	
6	CO6	1.88	2.1	
Attainment		1.99	2.13	
weightage		80%	20%	
total attainment		1.6	0.43	2.03



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WT-1.3 Biochemistry of alcohol, beer and wine

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.44	2	
2	CO2	2.31	2.4	
3	CO3	2.44	2.5	
4	CO4	2.31	2.4	
5	CO5	2.13	2.2	
6	CO6	2.13	2.2	
Attainment		2.29	2.83	2.4
weightage		80%	20%	
total attainment		1.83	0.57	

WT-1.5 Fermentation Technology

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.91	2.9	
2	CO2	2.54	2.5	
3	CO3	2.87	2.5	
Attainment		2.77	2.63	
weightage		80%	20%	2.75
total attainment		2.22	0.53	



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SEM-II

WT-2.1 Alcohol Technology-I

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.00	2	
2	CO2	2.38	2.4	
3	CO3	1.88	2	
4	CO4	1.88	2	
5	CO5	1.69	1.9	
6	CO6	1.63	1.9	
Attainment		1.91	2.03	
weightage		80%	20%	
total attainment		1.53	0.41	1.94

WT-2.2 Brewing Technology-I

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.19	2	
2	CO2	2.44	2.4	
3	CO3	2.25	2	
4	CO4	2.25	2	
5	CO5	2.13	2	
6	CO6	2.06	2	
Attainment		2.22	2.07	
weightage		80%	20%	
total attainment		1.78	0.41	2.19



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WT-2.3 Enology-I

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.44	2.4	
2	CO2	2.56	2.4	
3	CO3	2.38	2.4	
4	CO4	2.13	2	
5	CO5	2.19	2	
6	CO6	2.06	2	
Attainment		2.29	2.2	2.27
weightage		80%	20%	
total attainment		1.83	0.44	

WT-2.5 Chemical and Plant Engineering

CO Attainment				
Sr. No.	CO Number	Direct Assessment	Indirect Assessment	Total
1	CO1	2.88	2.5	
2	CO2	2.69	2.5	
3	CO3	2.63	2.5	
Attainment		2.73	2.5	
weightage		80%	20%	2.68
total attainment		2.18	0.5	




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DEPARTMENT: WBAT

MASTER OF SCIENCE PART-II

WT 3.1 ALCOHOL TECHNOLOGY II

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.59	2.36	
CO-2	2.35	2.3	
CO-3	2.43	2.4	
CO-4	2.10	2.1	
CO-5	2.02	2.01	
CO-6	1.54	1.51	
Total	13.03/6=2.17	12.68/6=2.11	
50%	1.08	1.05	2.13

WT. 3.2 BREWING TECHNOLOGY II

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.43	2.4	
CO-2	2.51	2.5	
CO-3	2.43	2.4	
CO-4	2.59	2.5	
CO-5	2.51	2.5	
CO-6	2.03	2.03	
Total	14.5/6 = 2.41	14.33/6 = 2.38	
50%	1.20	1.19	2.39



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WT.3.3 ENOLOGY II Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.43	2.4	
CO-2	2.51	2.5	
CO-3	2.51	2.5	
CO-4	2.59	2.5	
CO-5	2.59	2.5	
CO-6	2.43	2.4	
Total	15.06/6= 2.51	14.8/6 =2.46	
50%	1.25	1.23	2.48

WT 3.5 MARKETING OF ALCOHOLIBEVERAGES.

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	3.00	2.5	
CO-2	2.67	2.6	
CO-3	1.54	1.5	
Total	7.21/3 = 2.40	6.6/3= 2.2	
50%	1.20	1.1	2.3



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WT 4.1 INDUSTRIAL WASTE TREATMENT AND ENVIRONMENTAL MANAGEMENT Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.36	2.3	
CO-2	2.44	2.4	
CO-3	2.36	2.3	
CO-4	2.52	2.5	
CO-5	2.44	2.4	
CO-6	1.97	1.98	
Total	14.09/6 = 2.34	13.88/6 = 2.31	
50%	1.17	1.15	2.32

WT.4.2 BUSINESS MANAGEMENT Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	2.76	2.7	
CO-2	2.68	2.6	
CO-3	2.68	2.6	
CO-4	2.84	2.8	
CO-5	2.68	2.6	
CO-6	2.68	2.6	
Total	16.32/6 = 2.72	15.9/6 = 2.65	
50%	1.36	1.32	2.68



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**WT4.3 CHEMICAL AND PLANT ENGINEERING II
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.10	1.1	
CO-2	1.02	1	
CO-3	0.86	0.8	
CO-4	0.63	0.6	
CO-5	0.71	0.7	
CO-6	0.94	0.9	
Total	$5.26/6 = 0.87$	$5.10/6 = 0.85$	
50%	0.43	0.42	0.85

**WT.4.5.1. ALCOHOL TECHNOLOGY III
Total CO Attainment**

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	0.71	0.7	
CO-2	0.71	0.7	
CO-3	0.78	0.75	
Total	$2.2/3 = 0.73$	$2.15/3 = 0.72$	
50%	0.36	0.36	0.72



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WT. 4.6.1. BREWING TECHNOLOGY III

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	1.29	1.25	
CO-2	1.29	1.25	
CO-3	1.21	1.2	
Total	$3.79/3 = 1.26$	$3.7/3 = 1.23$	
50%	0.63	0.61	1.24

WT.4.7.1. ENOLOGY III

Total CO Attainment

CO-Number	Direct Assessment	Indirect Assessment	Total
CO-1	0.78	0.75	
CO-2	0.71	0.71	
CO-3	0.63	0.6	
Total	$2.12/3 = 0.70$	$2.06/3 = 0.68$	
50%	0.35	0.34	0.69



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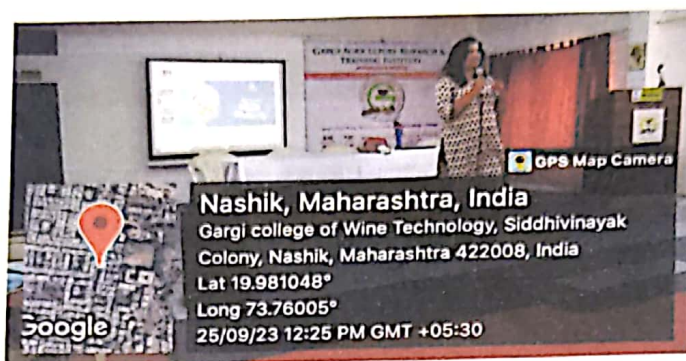
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- Seminar conducted under the curriculum and Industrial Visits:



Seminar on Meadry Wine Making (Honey Wine)



Seminar on Competitive Exam





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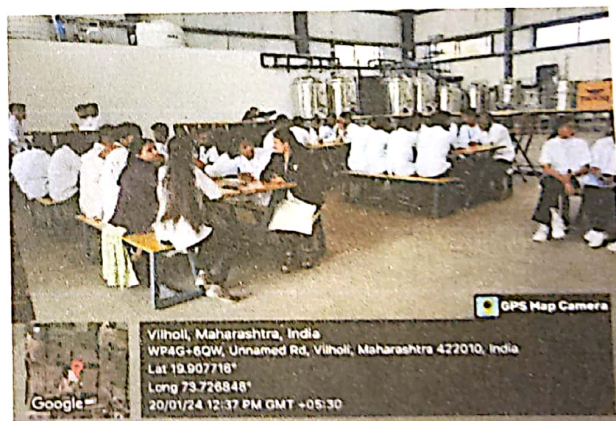
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Seminar on ICT-Enabled Tools



Industrial Visit at Topchi Brewing





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Industrial Visit at Soma Winery



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(Prof. Dr. M. D. Shinde)

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