

Analysis and the T-L Strategies Planned On the Basis of CO-PO Attainment

for

Bachelor of Science (Hons) in Agriculture
(Four Years UG Program)

on

the basis of

CO-PO-PSO Attainments

for the Batches 2018-22, 2019-23 and Partial Datasets of 2020-24 (6/8), 2021-25 (4/8) and 2022-26(2/8)



(Approved in 9th Meeting of BOM on 6th Oct'2023 vide Agenda 9.4.7.2)

Presented by

Internal Quality Assurance Cell
Quantum University, Roorkee



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Chapter–One

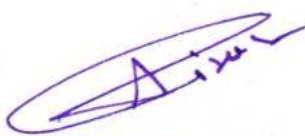
Course Outcome Attainment Matrix for Session 2022-23

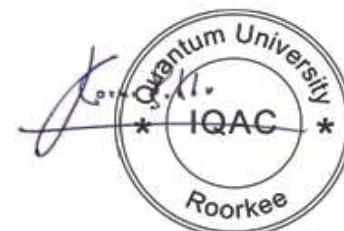
Table 1: 1st year CO Attainment for Batch 22-26(1st Semester)

SEMESTER	Course ID.	Outcome attainment of Batch 2022-26 Level of attainment (0-3)
I	AG3101	1.87875
I	AG3102	2.4375
I	MA3103	2.29875
I	EG3103	2.42925
I	AG3104	2.21575
I	AG3106	2.55525
I	AG3107	2.316
I	AG3109	2.56125
I	AG3110	2.0535
I	AG3140	2.29875
I	EG3141	2.0322
I	AG3141	2.42575
I	AG3142	2.52375
I	AG3143	2.365
I	AG3144	2.26625

Table 2: 1st year CO Attainment for Batch 22-26 (2nd Semester)

SEMESTER	Course ID.	Outcome attainment of Batch 2022-26 Level of attainment (0-3)
II	AG3206	2.4396
II	AG3207	2.625
II	AG3208	2.16325
II	AG3209	2.956
II	AG3213	2.2505
II	AG3240	2.5275
II	AG3241	2.18225
II	AG3242	2.4575
II	AG3243	2.495


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II	AG3244	2.23825
II	AG3245	2.5305
II	AG3248	2.37375
II	MA3240	2.7665
II	AG3203	2.538
II	AG3205	2.02825

Table 3: 2ND year CO Attainment for Batch 21-25 (3RD Semester)

SEMESTER	Course ID.	Outcome attainment of Batch 2021-25 Level of attainment (0-3)
III	AG3306	2.1875
III	AG3307	2.66375
III	AG3340	2.02825
III	AG3341	2.7665
III	AG3342	2.2505
III	AG3343	2.49625
III	AG3344	2.4535
III	AG3345	2.16355
III	AG3346	2.40125
III	AG3355	2.365
III	MA3303	2.19175
III	AG3301	2.43
III	AG3302	2.03025
III	AG3303	2.37375
III	AG3304	2.50725
III	AG3305	2.03875

Table 4: 2ND year CO Attainment for Batch 21-25 (4TH Semester)

SEMESTER	Course ID.	Outcome attainment of Batch 2021-25 Level of attainment (0-3)
IV	AG3404	2.432
IV	AG3406	2.775
IV	AG3407	2.50075
IV	AG3408	2.625
IV	AG3409	2.58825


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IV	AG3410	2.63025
IV	AG3440	2.37375
IV	AG3441	2.37375
IV	AG3442	2.3065
IV	AG3443	1.8825
IV	AG3444	2.75925
IV	AG3445	2.35725
IV	AG3401	2.49025
IV	AG3402	2.37475
IV	AG3403	2.555
IV	AG3405	2.557

Table 5: 3RD year CO Attainment for Batch 20-24 (5TH Semester)

SEMESTER	Course ID.	Outcome attainment of Batch 2020-24 Level of attainment (0-3)
V	EM3503	2.775
V	AG3501	2.24925
V	AG3502	2.1075
V	AG3504	2.1825
V	AG3505	2.48125
V	AG3506	2.51375
V	AG3508	2.36675
V	AG3509	2.51125
V	AG3511	2.671
V	AG3512	2.79025
V	AG3518	2.425
V	AG3540	2.3925
V	AG3541	2.51375
V	AG3542	2.57
V	AG3543	2.51375
V	AG3544	2.37375
V	AG3545	2.36675
V	AG3546	2.51125
V	AG3547	2.3175
V	AG3548	2.671


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Table 6: 3RD year CO Attainment for Batch 20-24 (6TH Semester)

SEMESTER	Course ID.	Outcome attainment of Batch 2020-24 Level of attainment (0-3)
VI	AG3606	2.5275
VI	AG3607	2.67525
VI	AG3608	2.191
VI	AG3609	2.52525
VI	AG3610	2.5815
VI	AG3611	2.64425
VI	AG3612	2.749
VI	AG3640	2.86525
VI	AG3641	2.33025
VI	AG3643	2.76225
VI	AG3644	2.5125
VI	AG3645	2.6565
VI	AG3646	2.84775
VI	AG3648	2.62875
VI	AG3652	2.42775
VI	AG3613	2.7

Table 7: 4TH year CO Attainment for Batch 2019-23 (7TH Semester)

SEMESTER	Course ID.	Outcome attainment of Batch 2019-23 Level of attainment (0-3)
VII	AG 3770	2.03425
VII	AG 3771	2.71875

Table 8: 4TH year CO Attainment for Batch 2019-23 (8TH Semester)

SEMESTER	Course ID.	Outcome attainment of Batch 2019-23 Level of attainment (0-3)
VII	AG 3870	2.254
VII	AG 3871	2.842



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Chapter Two

Comparison of Course Outcome Attainments

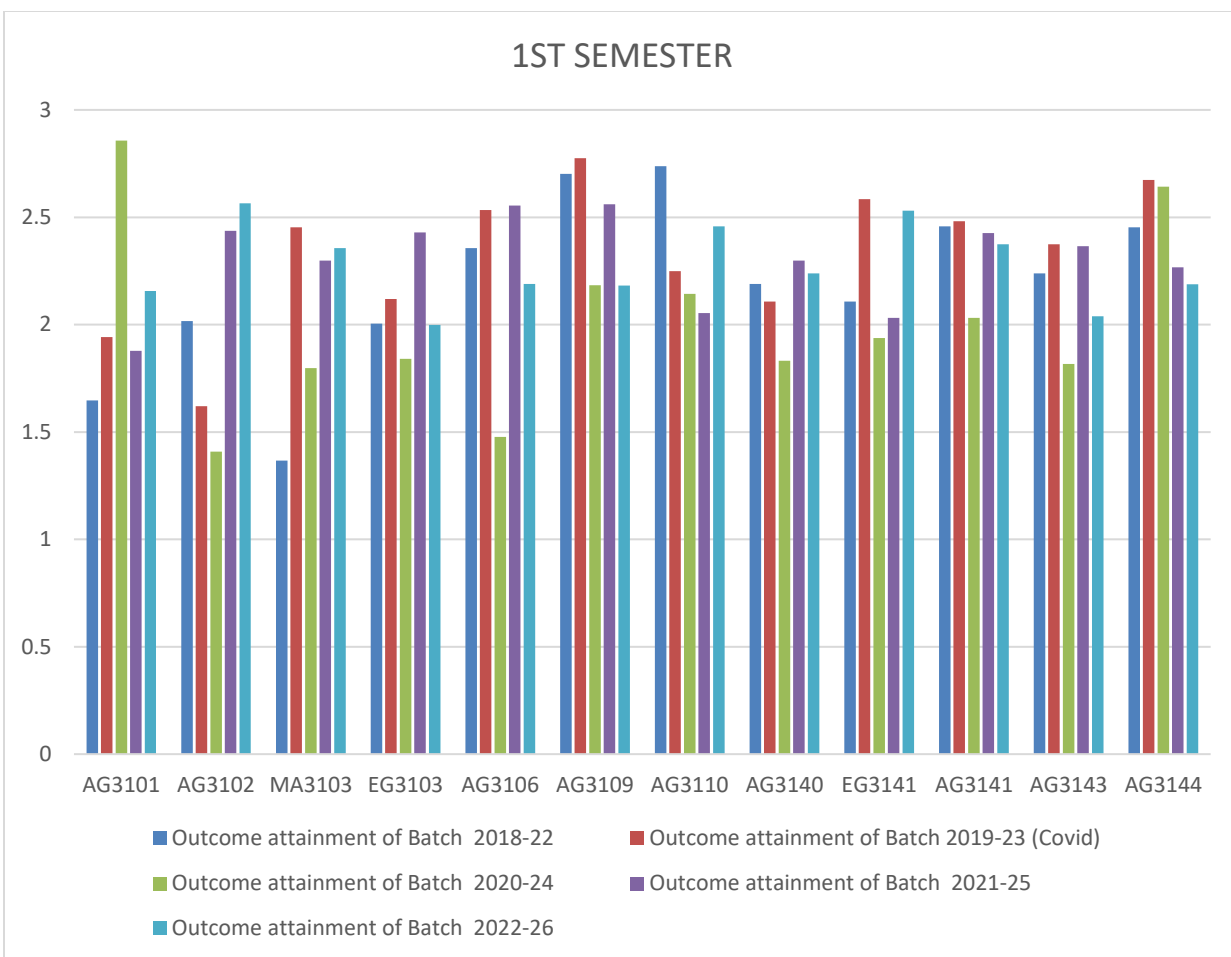
for B.Sc. (Hons) Agriculture
(Four years UG Program)

Table 9: Comparison of Course attainments for Courses taught in 1st Year (Semester I)

SEMESTER	Course ID.	Outcome attainment of Batch 2018-22	Outcome attainment of Batch 2019-23 (Covid)	Outcome attainment of Batch 2020-24	Outcome attainment of Batch 2021-25	Outcome attainment of Batch 2022-26
I	AG3101	1.6465	1.942	2.8565	1.87875	2.15675
I	AG3102	2.01675	1.62	1.4085	2.4375	2.565
I	MA3103	1.367	2.45275	1.79725	2.29875	2.35625
I	EG3103	2.00475	2.11925	1.84025	2.42925	1.999
I	MA3104	2.15675	NA	NA	NA	NA
I	AG3104	NA	NA	NA	2.21575	2.9665
I	CS3102	2.565	2.29675	1.8985	NA	NA
I	AG3106	2.35625	2.5335	1.47725	2.55525	2.18925
I	AG3107	1.999	NA	NA	2.316	2.10775
I	AG3108	1.9665	2.25	1.87975	NA	2.5275
I	AG3109	2.70275	2.775	2.18325	2.56125	2.18225
I	AG3110	2.7375	2.24925	2.1435	2.0535	2.4575
I	AG3140	2.18925	2.1075	1.832	2.29875	2.23825
I	EG3141	2.10775	2.58375	1.9377	2.0322	2.5305
I	MA3140	2.5275	NA	NA	NA	NA
I	CS3141	2.18225	2.1825	1.92775	NA	NA
I	AG3141	2.4575	2.48125	2.0322	2.42575	2.37375
I	AG3142	2.495	NA	NA	2.52375	2.50725
I	AG3143	2.23825	2.37375	1.8166	2.365	2.03875
I	AG3144	2.4525	2.674	2.642	2.26625	2.1875
I	AG3145	2.6625	NA	NA	2.876	2.66375
I	AG3111	NA	NA	NA	2.28275	2.495
I	PS3101	NA	NA	NA	2.2264	2.5555


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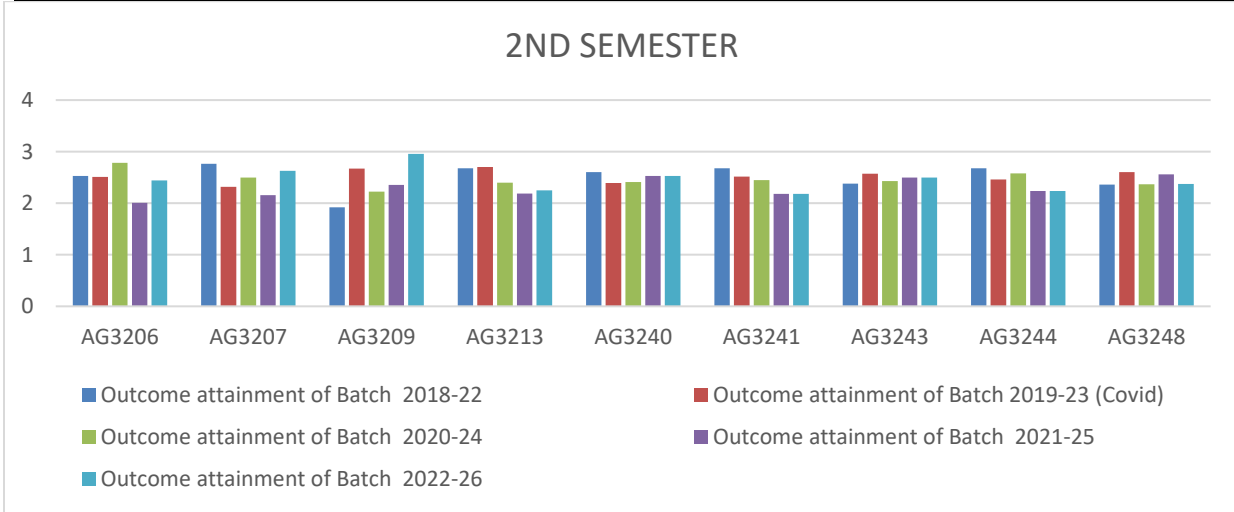



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Table 10: Comparison of Course attainments for Courses taught in 1st Year (Semester II)

SEMESTER	Course ID.	Outcome attainment of Batch 2018-22	Outcome attainment of Batch 2019-23 (Covid)	Outcome attainment of Batch 2020-24	Outcome attainment of Batch 2021-25	Outcome attainment of Batch 2022-26
II	MA3202	2.6775	2.36675	2.8635	NA	NA
II	AG3206	2.5305	2.51125	2.783	2.00475	2.4396
II	AG3207	2.7625	2.3175	2.49925	2.15675	2.625
II	AG3208	2.43	NA	NA	2.565	2.16325
II	AG3209	1.92125	2.671	2.2245	2.35625	2.956
II	AG3210	2.206	2.79025	2.54425	NA	NA
II	AG3211	2.57125	NA	NA	NA	NA
II	AG3212	2.17125	NA	NA	NA	NA
II	AG3213	2.6776	2.70025	2.3965	2.18925	2.2505
II	AG3214	2.6775	2.82775	2.61175	NA	NA
II	AG3240	2.6025	2.3925	2.4095	2.5275	2.5275
II	AG3241	2.6775	2.51375	2.447	2.18225	2.18225
II	AG3242	2.4675	NA	NA	2.4575	2.4575
II	AG3243	2.37875	2.57	2.42775	2.495	2.495
II	AG3244	2.6775	2.4575	2.57925	2.23825	2.23825
II	AG3245	2.6775	NA	NA	2.5305	2.5305
II	AG3246	1.96625	NA	NA	NA	NA
II	AG3247	2.564	2.565	2.6025	NA	NA
II	AG3248	2.3605	2.6025	2.3665	2.558	2.37375
II	MA3240	2.404	2.425	2.4985	NA	2.7665
II	AG3203	NA	NA	NA	2.367	2.538
II	AG3205	NA	NA	NA	2.01675	2.02825




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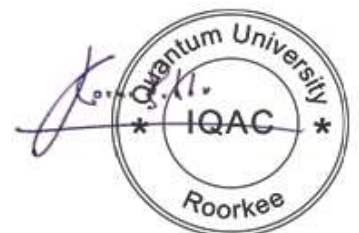
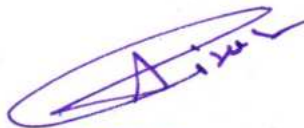
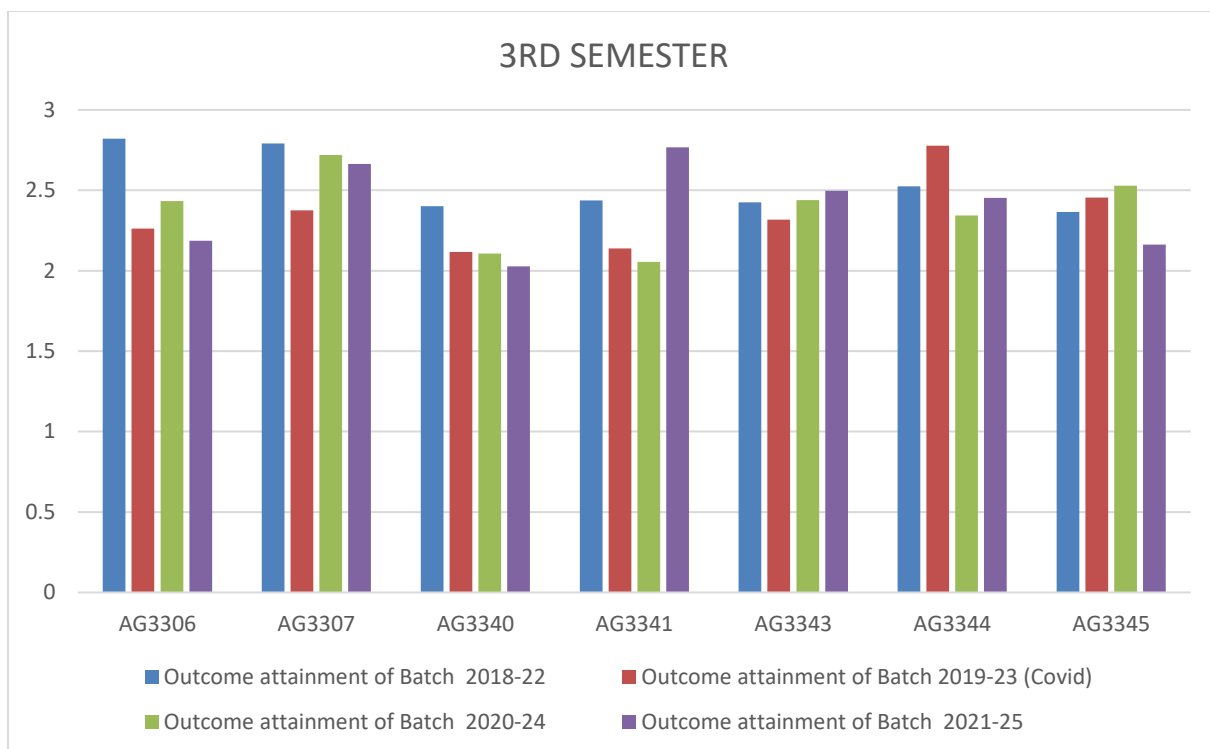


Table 11: Comparison of Course attainments for Courses taught in 2NDYear (Semester III)

SEMESTER	Course ID.	Outcome attainment of Batch 2018-22	Outcome attainment of Batch 2019-23 (Covid)	Outcome attainment of Batch 2020-24	Outcome attainment of Batch 2021-25
III	CY3305	2.42125	2.481	2.68125	NA
III	AG3306	2.821	2.26175	2.43275	2.1875
III	AG3307	2.79075	2.376	2.71875	2.66375
III	AG3308	2.62875	NA	2.54625	NA
III	AG3309	2.66025	2.50425	2.7	NA
III	AG3310	2.485	2.54625	2.55775	NA
III	AG3311	2.456	2.551	2.67775	NA
III	AG3312	2.067	2.54175	2.57175	NA
III	AG3313	2.13075	2.551	NA	NA
III	AG3316	2.4535	2.58475	2.71875	NA
III	CY3355	2.16355	2.166	2.52975	NA
III	AG3340	2.40125	2.117	2.10725	2.02825
III	AG3341	2.43725	2.138	2.05615	2.7665
III	AG3342	2.29875	NA	NA	2.2505
III	AG3343	2.42575	2.3175	2.4396	2.49625
III	AG3344	2.52375	2.7775	2.3434	2.4535
III	AG3345	2.365	2.456	2.529	2.16355
III	AG3346	2.26625	NA	2.52375	2.40125
III	AG3347	2.52375	NA	NA	NA
III	AG3349	2.19175	2.40125	2.7775	NA
III	AG3350	2.43	2.3875	2.5296	NA
III	AG3351	2.5297	2.47625	NA	NA
III	AG3355	NA	NA	NA	2.365
III	MA3303	NA	NA	NA	2.19175
III	AG3301	NA	NA	NA	2.43
III	AG3302	NA	NA	NA	2.03025
III	AG3303	NA	NA	NA	2.37375
III	AG3304	NA	NA	NA	2.50725
III	AG3305	NA	NA	NA	2.03875


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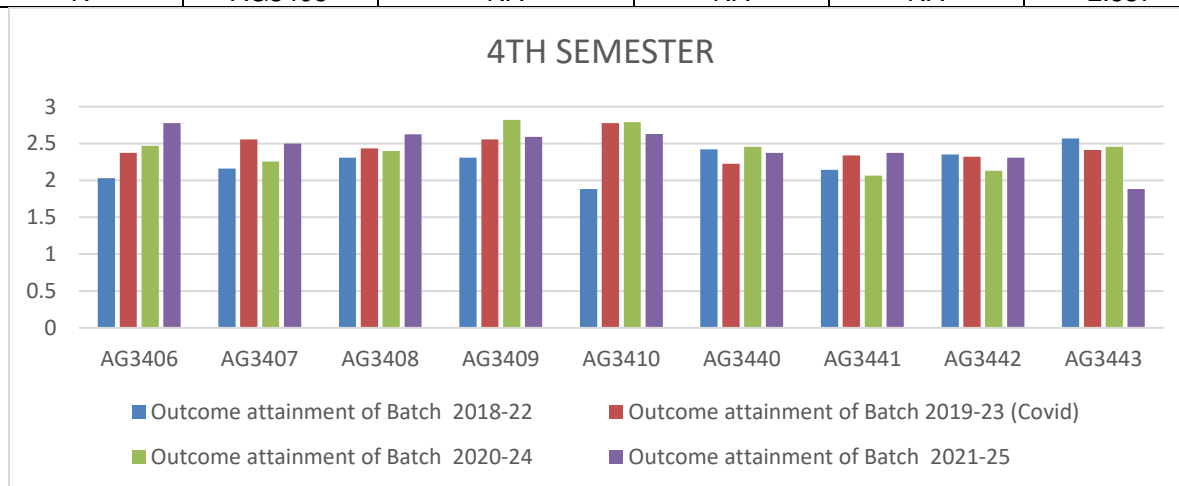



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Table 12: Comparison of Course attainments for Courses taught in 2NDYear (Semester IV)

SEMESTER	Course ID.	Outcome attainment of Batch 2018-22	Outcome attainment of Batch 2019-23 (Covid)	Outcome attainment of Batch 2020-24	Outcome attainment of Batch 2021-25
IV	AG3404	2.20975	NA	NA	2.432
IV	AG3406	2.03025	2.37475	2.47	2.775
IV	AG3407	2.1625	2.555	2.256	2.50075
IV	AG3408	2.3065	2.432	2.4012	2.625
IV	AG3409	2.3065	2.557	2.821	2.58825
IV	AG3410	1.8825	2.775	2.79075	2.63025
IV	AG3411	2.75925	NA	NA	NA
IV	AG3412	2.35725	2.625	2.62875	NA
IV	AG3413	2.346	2.58825	2.4535	NA
IV	AG3417	2.25275	2.63025	2.485	NA
IV	AG3440	2.42	2.2265	2.456	2.37375
IV	AG3441	2.14375	2.33885	2.067	2.37375
IV	AG3442	2.35	2.32025	2.13075	2.3065
IV	AG3443	2.57	2.41125	2.4535	1.8825
IV	AG3444	2.11	NA	NA	2.75925
IV	AG3449	2.15675	2.37375	2.40125	NA
IV	AG3446	2.35725	2.37375	2.43725	NA
IV	AG3448	NA	2.226	2.485	NA
IV	AG3445	NA	NA	NA	2.35725
IV	AG3401	NA	NA	NA	2.49025
IV	AG3402	NA	NA	NA	2.37475
IV	AG3403	NA	NA	NA	2.555
IV	AG3405	NA	NA	NA	2.557

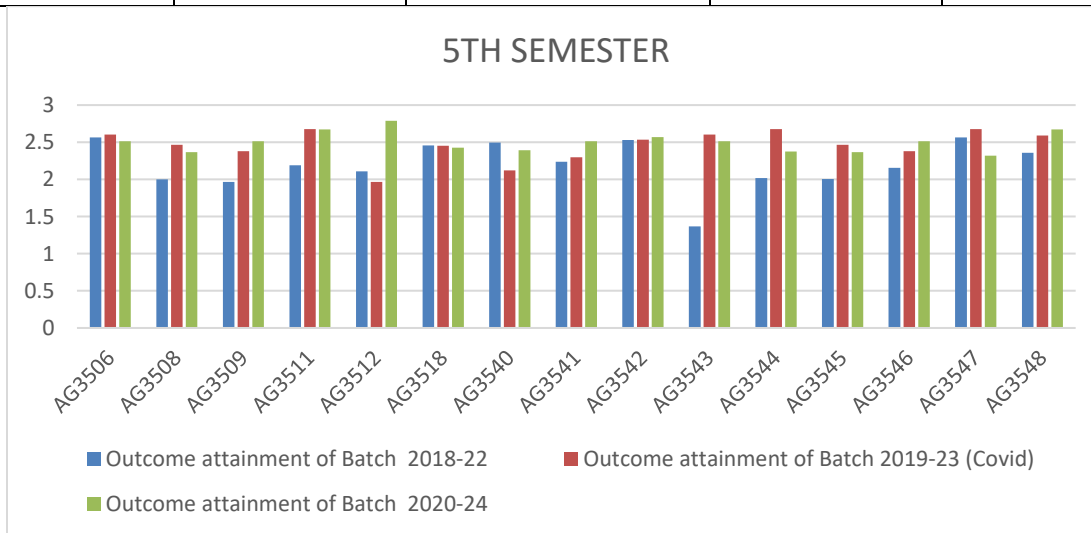



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Table 13: Comparison of Course attainments for Courses taught in 3RDYear (Semester V)

SEMESTER	Course ID.	Outcome attainment of Batch 2018-22	Outcome attainment of Batch 2019-23 (Covid)	Outcome attainment of Batch 2020-24
V	EM3503	NA	2.43	2.775
V	AG3501	NA	1.92125	2.24925
V	AG3502	NA	2.206	2.1075
V	AG3504	NA	2.57125	2.1825
V	AG3505	NA	2.17125	2.48125
V	AG3506	2.565	2.6025	2.51375
V	AG3507	2.35625	NA	NA
V	AG3508	1.999	2.4675	2.36675
V	AG3509	1.9665	2.37875	2.51125
V	AG3510	2.70275	NA	NA
V	AG3511	2.18925	2.6775	2.671
V	AG3512	2.10775	1.96625	2.79025
V	AG3513	2.5275	NA	NA
V	AG3514	2.18225	NA	NA
V	AG3518	2.4575	2.45275	2.425
V	AG3540	2.495	2.11925	2.3925
V	AG3541	2.23825	2.29675	2.51375
V	AG3542	2.5305	2.5335	2.57
V	AG3543	1.367	2.6025	2.51375
V	AG3544	2.01675	2.6775	2.37375
V	AG3545	2.00475	2.4675	2.36675
V	AG3546	2.15675	2.37875	2.51125
V	AG3547	2.565	2.6775	2.3175
V	AG3548	2.35625	2.589	2.671

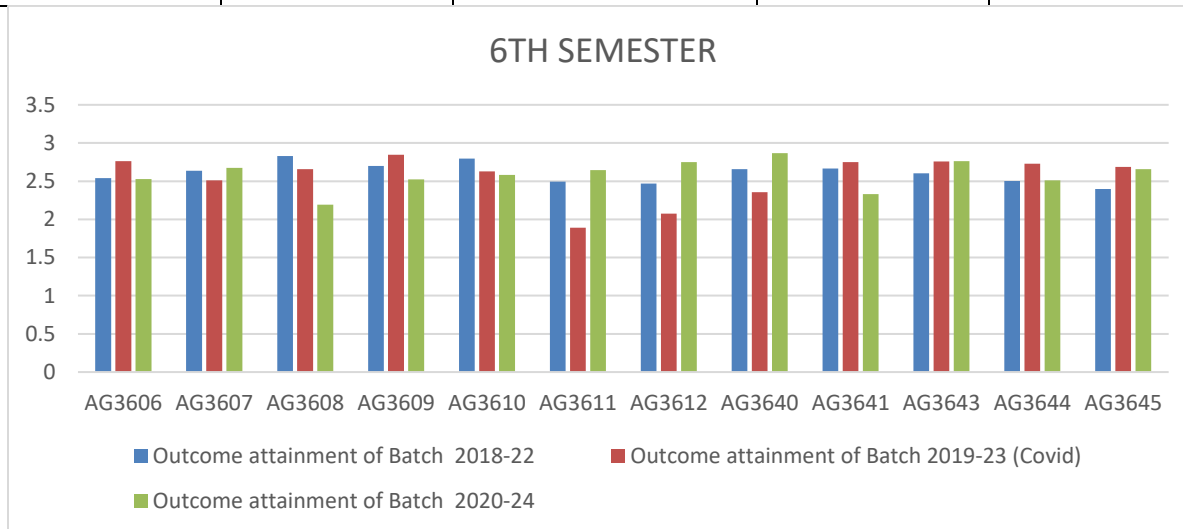



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Table 14: Comparison of Course attainments for Courses taught in 3RDYear (Semester VI)

SEMESTER	Course ID.	Outcome attainment of Batch 2018-22	Outcome attainment of Batch 2019-23 (Covid)	Outcome attainment of Batch 2020-24
VI	EM3603	2.8484	NA	NA
VI	AG3605	2.508	NA	NA
VI	AG3606	2.5395	2.76225	2.5275
VI	AG3607	2.63475	2.5125	2.67525
VI	AG3608	2.83125	2.6565	2.191
VI	AG3609	2.69775	2.84775	2.52525
VI	AG3610	2.79375	2.62875	2.5815
VI	AG3611	2.49245	1.892	2.64425
VI	AG3612	2.46935	2.075	2.749
VI	AG3640	2.65875	2.35475	2.86525
VI	AG3641	2.6655	2.7505	2.33025
VI	AG3642	2.28475	NA	NA
VI	AG3643	2.601	2.75625	2.76225
VI	AG3644	2.5005	2.72825	2.5125
VI	AG3645	2.399	2.68625	2.6565
VI	AG3646	NA	2.511	2.84775
VI	AG3648	NA	2.07825	2.62875
VI	AG3652	NA	2.925	2.42775
VI	AG3613	NA	2.27075	2.7

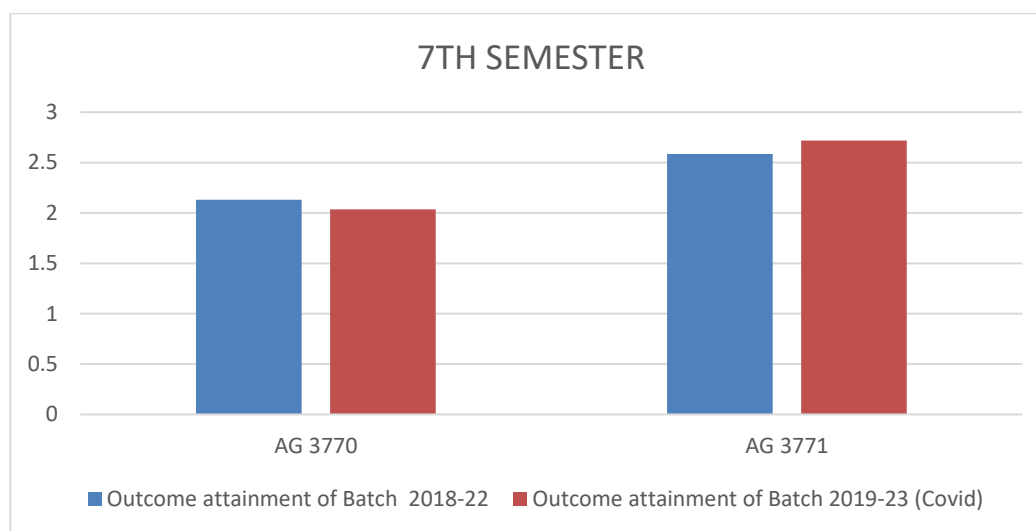



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Table 15: Comparison of Course attainments for Courses taught in 4THYear (Semester VII)

SEMESTER	Course ID.	Outcome attainment of Batch 2018-22	Outcome attainment of Batch 2019-23 (Covid)
VII	AG 3770	2.13075	2.03425
VII	AG 3771	2.58375	2.71875




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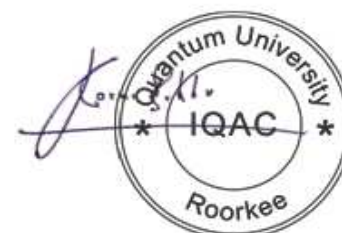
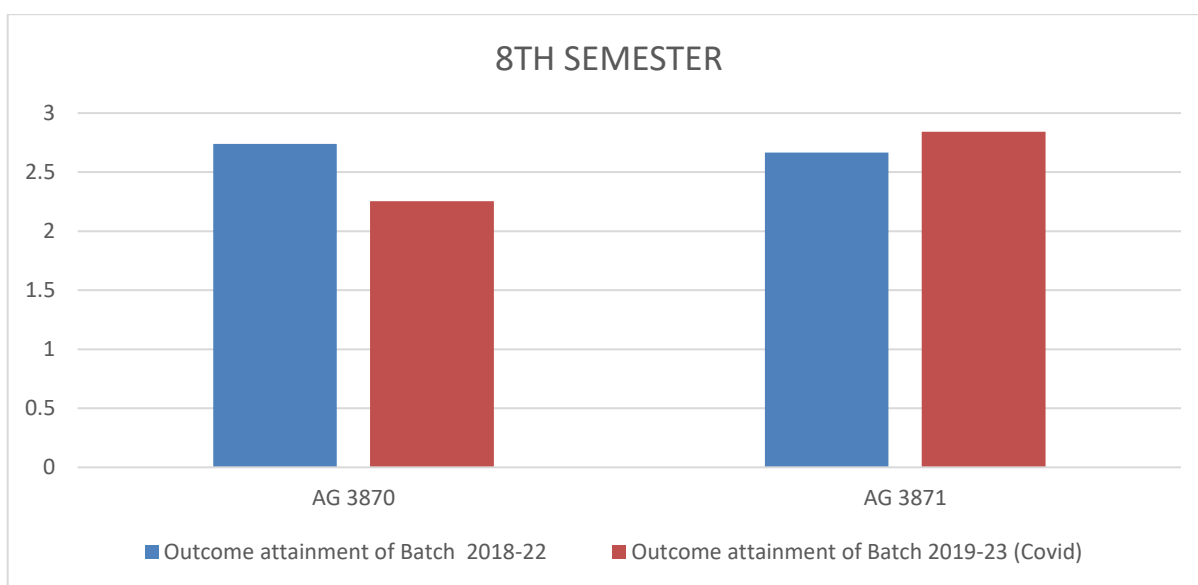


Table 16: Comparison of Course attainments for Courses taught in 4THYear (Semester VIII)

SEMESTER	Course ID.	Outcome attainment of Batch 2018-22	Outcome attainment of Batch 2019-23 (Covid)
VIII	AG 3870	2.7395	2.254
VIII	AG 3871	2.665	2.842




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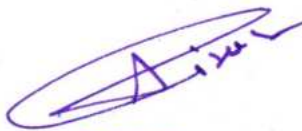


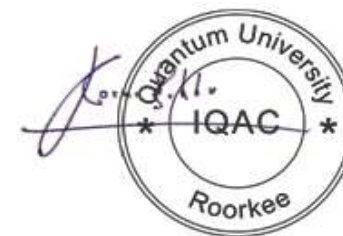
Chapter –Three

CO- PO-PSO attainment Calculation for B.Sc. (Hons) Agriculture (2018-2022)

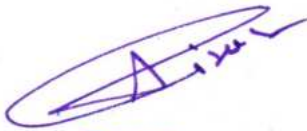
Table 17: CO-PO Mapping withallCourses(Source: from the Syllabus of batch 2018-22)

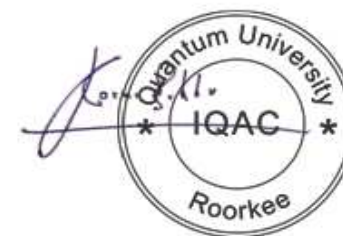
SEMESTER	Course ID.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attained (AVG)
I	AG3101	2.8	1	1	1	1	1	1	0.6	0.8	1	1	1.8	1	0.4	1.6465
I	MA3103	1	3	3	1	1	1	1	1	2	1	1	2	1	2	1.367
I	AG3102	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.01675
I	EG3103	1.4	1.4	1.6	1.8	1.6	2.4	2.2	1.4	1.2	2	2.8	2	1.8	1.8	2.00475
I	MA3104	1	3	3	1	1	1	1	1	2	1	1	2	1	2	2.15675
I	CS3102	1	2	1	1	1	1	1	1	1	1	2	3	2	2	2.565
I	AG3106	2.8	2	2	1.8	2.4	1.8	1.6	1.25	2	1.8	1.8	1.6	1.4	1.8	2.35625
I	AG3107	2.4	2.4	2.2	1.6	2.2	1.6	1.6	0.8	1.8	1.8	1.6	1.6	1.4	1.6	1.999
I	AG3108	3	1.2	1.2	1.4	1.6	1.8	1.6	1.6	1.6	2	1	2	2.6	1.6	1.9665
I	AG3109	2.4	2	2.6	2.4	1.8	0.6	0.4	1	2.6	1.6	1.8	1.6	1.6	2.4	2.70275
I	AG3140	2.2	2	1.8	2.2	1	1	1	1	2.2	2.2	2	3	2.4	2	2.18925
I	EG3141	1.2	1.8	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.2	2	2.2	1.8	2	2.10775
I	MA3140	3	3	3	3	3	1	1	1	2	2	3	3	2.8	2	2.5275
I	CS3141	1	2	1	1	1	1	1	1	1	1	2	3	2	2	2.18225
I	AG3141	2.8	2.4	2	2.4	2	2	2.6	2.6	2.4	2.8	2.8	2.4	2.6	2.2	2.4575
I	AG3142	3	2	2	2	2	2	2.6	2.8	2.6	2.8	2.8	2.6	2.6	2.2	2.495
I	AG3143	3	2	2	2	2	2	3	3	3	3	3	3	2.8	2.6	2.23825


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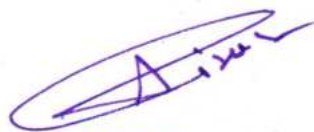


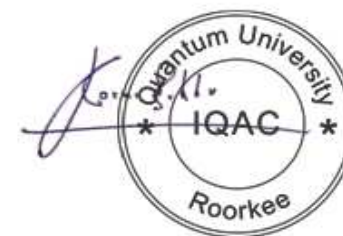
II	AG3206	3	2	1.8	2.2	2	2.2	2.2	2.2	2.4	2.2	2.2	2.2	2	2	2.5305
II	AG3207	2.4	2.2	1.4	1.2	1.8	2.2	2	1	2	2.2	1.6	1.6	1.4	1.8	2.7625
II	AG3208	1	0	1	0	0.8	0	0	0	1.6	0	0	2	0	0.6	2.43
II	AG3209	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	1.92125
II	AG3210	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.206
II	AG3211	1	1.2	1	1	1.2	1.2	1.2	1	1	1.2	1.2	1	1	1.2	2.57125
II	AG3212	2.6	2.4	2	1.6	2.2	2.2	1.8	1.2	2.2	2.2	1.8	1.8	1.8	2.2	2.17125
II	AG3240	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.6025
II	AG3241	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2.6775
II	AG3242	1	0	1	0	1.6	0	0.8	0	1.8	0	0	2.8	0	0.8	2.4675
II	AG3243	2	1	0.8	1	1.2	0.4	0.4	0.6	1.4	0.2	0.4	1.4	0.2	0.4	2.37875
II	AG3244	2.2	2.4	2.4	2	2.4	2.2	1.4	1.2	1.4	1.6	1.8	1.4	1.8	1.6	2.6775
II	AG3245	2.2	1.6	1	1.6	1.6	1.4	1	1	1.6	1	0.6	0.6	1.2	0.6	2.6775
II	AG3246	2.6	2	1	1.8	2	1	1	1	2	1	1	1	2	1	1.96625
II	MA3240	2.2	1.2	0.2	0	1.6	0.2	0.2	1	1	1	0.6	1	0.6	0.2	2.404
III	CY3305	2.4	1.6	1.6	1.6	1.2	2	2.2	1.8	1.8	1.8	1.6	2.2	1.8	1.6	2.42125
III	AG3306	1	1.8	2	1	1.6	1.6	1.6	1.2	1.2	1	1	1	1.8	1.8	2.821
III	AG3307	1	0	0	0	0.2	0.2	0.4	0.2	0	0.2	0.2	1	0.2	0.4	2.79075
III	AG3308	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	2.62875
III	AG3309	2.4	2	2.6	2.4	2.25	0.6	0.4	1	2.6	1.8	1.2	1.4	1.6	2.4	2.66025
III	AG3310	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.485
III	AG3312	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.067
III	AG3313	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.13075
III	AG3316	1.2	0.6	1	1	0.4	2.4	0.8	0.6	1.2	0.6	0.6	2	0	0	2.4535


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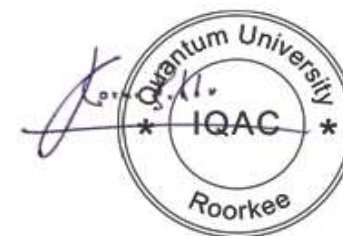
III	CY3355	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2.16355
III	AG3340	1	1	1.4	1	1.4	1	1	1	1	1	1	1	1.8	1.8	2.40125
III	AG3341	2.2	1.2	0.2	0	1.6	0.2	0.2	1	1	1	0.6	1	0.6	0.2	2.43725
III	AG3342	2.4	1.8	2.6	1.6	2.6	2.4	0.4	1.8	1.6	1.6	1.4	1.6	2.4	1.2	2.29875
III	AG3343	2.4	1.4	2.6	2	2.5	0.2	0.8	1.2	2.4	1.8	1.2	1	1	2.4	2.42575
III	AG3344	3	0.8	1.8	1.6	3	2	2	1.6	2.6	2.4	1.2	2.6	2	1.4	2.52375
III	AG3345	1	1	0.8	0.6	1	1.4	0.6	0.8	1.4	0.8	0.4	1.6	0.4	0.2	2.365
III	AG3349	NA	2	2.6	2.6	0.8	2.4	2.6	2.8	1.8	2.4	2.6	2.8	3	2.4	2.19175
III	AG3350	3	0	1	2	3	2	2	2	3	2	2	3	2	1	2.43
III	AG3351	2.4	1.4	2.6	2	2.5	0.2	0.8	1.2	2.4	1.8	1.2	1	1	2.4	2.5297
IV	AG3406	3	2	0	0	1.8	2	1	1	1.8	1	1	1	1.8	1.8	2.03025
IV	AG3407	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	2.1625
IV	AG3408	2.4	2	2.6	2.4	2	0.8	0.4	1.2	2.6	1	0.6	1.4	1.6	2.4	2.3065
IV	AG3409	3	1.8	1.4	0.6	2.4	1.6	2	0	2	2	0	2.6	2.2	1.2	2.3065
IV	AG3410	1.8	1.2	1.4	0	1.6	2.2	0	0	0	1	0	3	2.2	1	1.8825
IV	AG3411	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.75925
IV	AG3413	3	1.8	1.4	0.6	2.4	1.6	2	0	2	2	0	2.6	2.2	1.2	2.346
IV	AG3417	2.4	2	2.6	2.4	2.25	0.6	0.4	1	2.6	1.8	1.2	1.4	1.6	2.4	2.25275
IV	AG3440	1	1	1.4	1	1.4	1	1	1	1	1	1	1	1.6	1.6	2.42
IV	AG3441	2.2	2.2	1.8	2	2.2	2	1.6	1	1.6	1.4	1.4	1.8	1.6	1.4	2.14375
IV	AG3442	2	2	1.2	2	2	1.4	1	1.4	1.8	1.2	1.4	1.6	1.8	1	2.35
IV	AG3443	2.8	1.6	1.8	1.6	2.4	2.2	1.6	1.6	1.8	1.4	1.8	2	2.4	1.2	2.57
IV	AG3444	2.6	1.8	2.2	1.6	2.4	2.2	1.4	1.4	1.8	1.6	1.8	1.8	2.2	1.2	2.11
IV	AG3449	2.6	2	2.2	1.6	2.6	2.2	1.6	1.6	1.8	1.4	1.6	2	2.4	1.4	2.15675


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IV	AG3446	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2	2.35725
V	AG3506	1	1	1	1	3	2	1	2	2	1	1	1	3	2	2.565
V	AG3507	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.35625
V	AG3508	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	1.999
V	AG3509	3	1.4	1	0.8	1	1	2.2	0.6	2.6	2.6	0.6	2.8	2.2	1.4	1.9665
V	AG3510	2.8	2.4	2.2	1.8	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.70275
V	AG3511	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	2.18925
V	AG3512	2.6	2.2	1.8	1.4	2.2	1.8	1.6	1	2	1.8	1	1.6	1.4	1.4	2.10775
V	AG3513	2.4	2.4	2.2	2.4	1	1.2	2	0.6	2.6	2.6	0.6	2.6	1	1.4	2.5275
V	AG3514	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.18225
V	AG3518	1.8	1	1.6	1.8	1.4	1.4	1.8	1.6	2.2	1.6	2	2	1.8	2.2	2.4575
V	AG3540	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.495
V	AG3541	2.2	2.2	2.6	1.8	2.6	2.2	0.8	1.6	1.6	1.6	1.4	1.8	2.2	1.4	2.23825
V	AG3542	2.4	2	2.8	1.6	2.8	2.4	0.8	1.6	1.8	1.8	1.2	1.6	2.4	1.4	2.5305
V	AG3543	3	2.2	3	1.6	2	2.8	1.8	2.2	2.2	2.4	1.8	2.2	2.6	1.8	1.367
V	AG3544	2.6	1.6	2.8	1.4	2.8	2.6	0.4	1.8	1.8	1.8	1.2	1.4	2.6	1.2	2.01675
V	AG3545	2.6	1.6	2.8	1.4	2.8	2.6	0.4	1.8	1.8	1.8	1.2	1.4	2.6	1.2	2.00475
V	AG3546	2.6	1.8	1.8	1.8	1.8	1.8	1.8	2.6	2.4	2.4	2.4	2.4	2.4	2.2	2.15675
V	AG3547	2.4	2.4	2.8	1.8	2.8	2.2	1.2	1.6	1.8	1.8	1.4	1.8	2.2	1.6	2.565
V	AG3548	2.2	1.6	1.6	1.8	1.8	1.8	1	2	1.8	1.8	1.8	2	2	1.6	2.35625
VI	EM3603	3	1.6	0.2	0.4	0.4	0.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4	2.8484
VI	AG3605	3	1.6	0.2	0.4	0.4	0.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4	2.508
VI	AG3606	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.5395
VI	AG3607	2.4	2	2.6	2.25	2	1	0.4	0.8	2.2	1.8	1.4	1.2	1.6	2.4	2.63475


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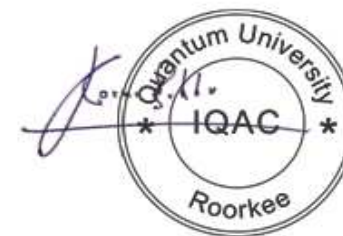


VI	AG3608	3	2.2	2	1.4	1.2	1	2	1	1	1.6	1	3	1.4	2	2.83125
VI	AG3609	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.69775
VI	AG3610	3	1.4	0.2	0	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4	2.79375
VI	AG3611	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.49245
VI	AG3612	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.46935
VI	AG3640	3	1.6	0.2	0.4	0.4	0.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4	2.65875
VI	AG3641	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.6655
VI	AG3642	2.4	2	2.6	2.25	2	1	0.4	0.8	2.2	1.8	1.4	1.2	1.6	2.4	2.28475
VI	AG3643	3	2.2	2	1.4	1.2	1	2	1	1	1.6	1	3	1.4	2	2.601
VI	AG3644	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.5005
VI	AG3645	3	1.4	0.2	0	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4	2.399
VII	AG 3770	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.13075
VII	AG 3771	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2	2.58375
VIII	AG 3870	3	2.6	2	2	1.8	2	2.6	2.8	2.6	2.8	2.8	2.6	2.6	2.2	2.7395
VIII	AG 3871	1.8	2	2.2	2	2	2.6	3	3	2.8	1.8	3	2	2.8	2.6	2.665

Table 18: Attainment on the basis Mapping/ Weightage of PO-PSOs

SEMESTER	Course ID.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
I	AG3101	2.8	1	1	1	1	1	1	0.6	0.8	1	1	1.8	1	0.4
I	MA3103	1	3	3	1	1	1	1	1	2	1	1	2	1	2
I	AG3102	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
I	EG3103	1.4	1.4	1.6	1.8	1.6	2.4	2.2	1.4	1.2	2	2.8	2	1.8	1.8
I	MA3104	1	3	3	1	1	1	1	1	2	1	1	2	1	2


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I	CS3102	1	2	1	1	1	1	1	1	1	1	2	3	2	2
I	AG3106	2.8	2	2	1.8	2.4	1.8	1.6	1.25	2	1.8	1.8	1.6	1.4	1.8
I	AG3107	2.4	2.4	2.2	1.6	2.2	1.6	1.6	0.8	1.8	1.8	1.6	1.6	1.4	1.6
I	AG3108	3	1.2	1.2	1.4	1.6	1.8	1.6	1.6	1.6	2	1	2	2.6	1.6
I	AG3109	2.4	2	2.6	2.4	1.8	0.6	0.4	1	2.6	1.6	1.8	1.6	1.6	2.4
I	AG3110	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	2.2
I	AG3140	2.2	2	1.8	2.2	1	1	1	1	2.2	2.2	2	3	2.4	2
I	EG3141	1.2	1.8	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.2	2	2.2	1.8	2
I	MA3140	3	3	3	3	3	1	1	1	2	2	3	3	2.8	2
I	CS3141	1	2	1	1	1	1	1	1	1	1	2	3	2	2
I	AG3141	2.8	2.4	2	2.4	2	2	2.6	2.6	2.4	2.8	2.8	2.4	2.6	2.2
I	AG3142	3	2	2	2	2	2	2.6	2.8	2.6	2.8	2.8	2.6	2.6	2.2
I	AG3143	3	2	2	2	2	2	3	3	3	3	3	3	2.8	2.6
I	AG3144	2.4	1.6	2.2	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2
I	AG3145	2.2	1.2	0.2	1.2	1.6	0.2	0.2	1	1	1	0.6	1	0.6	0.2
II	MA3202	2.2	1.8	1.4	1.6	2.2	2.4	2.8	1.8	1.8	1.6	2	2.4	2	2
II	AG3206	3	2	1.8	2.2	2	2.2	2.2	2.2	2.4	2.2	2.2	2.2	2	2
II	AG3207	2.4	2.2	1.4	1.2	1.8	2.2	2	1	2	2.2	1.6	1.6	1.4	1.8
II	AG3208	1	0	1	0	0.8	1.2	1.2	1.2	1.6	1.2	1.2	2	0	0.6
II	AG3209	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
II	AG3210	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
II	AG3211	1	1.2	1	1	1.2	1.2	1.2	1	1	1.2	1.2	1	1	1.2
II	AG3212	2.6	2.4	2	1.6	2.2	2.2	1.8	1.2	2.2	2.2	1.8	1.8	1.8	2.2
II	AG3213	2.2	2.2	2.8	2.2	1.2	1.8	1.6	2.2	2.8	2.2	1.2	2.6	2.8	2.6


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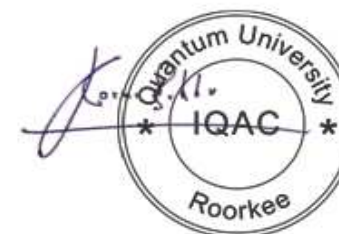
II	AG3214	2.4	1.4	1.6	1.8	1.4	1.4	1.8	1.6	2.2	1.6	2	2	1.8	2.2
II	AG3240	2	2	2	2	2	2	3	3	3	3	3	3	3	3
II	AG3241	3	2	2	2	2	2	3	3	3	3	3	3	3	3
II	AG3242	1	1.2	1	1.2	1.6	1.2	0.8	1.2	1.8	1.2	1.6	2.8	0.8	0.8
II	AG3243	2	1	0.8	1	1.2	0.4	0.4	0.6	1.4	0.2	0.4	1.4	0.2	0.4
II	AG3244	2.2	2.4	2.4	2	2.4	2.2	1.4	1.2	1.4	1.6	1.8	1.4	1.8	1.6
II	AG3245	2.2	1.6	1	1.6	1.6	1.4	1	1	1.6	1	0.6	0.6	1.2	0.6
II	AG3246	2.6	2	1	1.8	2	1	1	1	2	1	1	1	2	1
II	AG3247	2.4	2.2	2.2	2.8	2.2	1.2	1.8	1.6	2.2	2.8	2.2	1.2	2.6	2.8
II	AG3248	2.8	2	2.6	2.2	1.6	1.8	1.2	2.4	1.4	1.8	3	2.6	2.5	2.6
II	MA3240	2.2	1.2	0.2	0	1.6	0.2	0.2	1	1	1	0.6	1	0.6	0.2
III	CY3305	2.4	1.6	1.6	1.6	1.2	2	2.2	1.8	1.8	1.8	1.6	2.2	1.8	1.6
III	AG3306	1	1.8	2	1	1.6	1.6	1.6	1.2	1.2	1	1	1	1.8	1.8
III	AG3307	1	1.2	1.2	1.2	0.2	0.2	0.4	0.2	1.2	0.2	0.2	1	0.2	0.4
III	AG3308	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
III	AG3309	2.4	2	2.6	2.4	2.25	0.6	0.4	1	2.6	1.8	1.2	1.4	1.6	2.4
III	AG3310	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
III	AG3311	2.2	1.8	1.4	1.4	1.6	1.8	1.6	2	2.6	1.8	2	1.9	2.8	1.4
III	AG3312	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
III	AG3313	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
III	AG3316	1.2	0.6	1	1	0.4	2.4	0.8	0.6	1.2	0.6	0.6	2	1.8	1.2
III	CY3355	3	2	2	2	2	2	3	3	3	3	3	3	3	3
III	AG3340	1	1	1.4	1	1.4	1	1	1	1	1	1	1	1.8	1.8
III	AG3341	2.2	1.2	0.2	0	1.6	0.2	0.2	1	1	1	0.6	1	0.6	0.2


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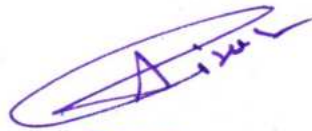


III	AG3342	2.4	1.8	2.6	1.6	2.6	2.4	0.4	1.8	1.6	1.6	1.4	1.6	2.4	1.2
III	AG3343	2.4	1.4	2.6	2	2.5	0.2	0.8	1.2	2.4	1.8	1.2	1	1	2.4
III	AG3344	3	0.8	1.8	1.6	3	2	2	1.6	2.6	2.4	1.2	2.6	2	1.4
III	AG3345	1	1	0.8	0.6	1	1.4	0.6	0.8	1.4	0.8	0.4	1.6	0.4	0.2
III	AG3346	2	2.2	2.2	2.2	2.2	1.6	2	2	2.2	2.2	1.6	2.2	1.8	2.2
III	AG3347	2.6	1.8	2.2	2.2	2.2	1.4	1.8	2	2.2	1.6	2	2	1.8	2.2
III	AG3349	1.4	2	2.6	2.6	0.8	2.4	2.6	2.8	1.8	2.4	2.6	2.8	3	2.4
III	AG3350	3	1.2	1	2	3	2	2	2	3	2	2	3	2	1
III	AG3351	2.4	1.4	2.6	2	2.5	0.2	0.8	1.2	2.4	1.8	1.2	1	1	2.4
IV	AG3404	2.2	1.8	2	2	1	2	1.4	2	1	2	2.6	2	3	2
IV	AG3406	3	2	1.2	1.2	1.8	2	1	1	1.8	1	1	1	1.8	1.8
IV	AG3407	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
IV	AG3408	2.4	2	2.6	2.4	2	0.8	0.4	1.2	2.6	1	0.6	1.4	1.6	2.4
IV	AG3409	3	1.8	1.4	0.6	2.4	1.6	2	0	2	2	0	2.6	2.2	1.2
IV	AG3410	1.8	1.2	1.4	0	1.6	2.2	0	0	0	1	0	3	2.2	1
IV	AG3411	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
IV	AG3412	1.8	2.4	2.6	1.8	3	2.2	3	1.4	2	1.8	2.6	2.4	2.4	2.4
IV	AG3413	3	1.8	1.4	0.6	2.4	1.6	2	0	2	2	1.2	2.6	2.2	1.2
IV	AG3417	2.4	2	2.6	2.4	2.25	0.6	0.4	1	2.6	1.8	1.2	1.4	1.6	2.4
IV	AG3440	1	1	1.4	1	1.4	1	1	1	1	1	1	1	1.6	1.6
IV	AG3441	2.2	2.2	1.8	2	2.2	2	1.6	1	1.6	1.4	1.4	1.8	1.6	1.4
IV	AG3442	2	2	1.2	2	2	1.4	1	1.4	1.8	1.2	1.4	1.6	1.8	1
IV	AG3443	2.8	1.6	1.8	1.6	2.4	2.2	1.6	1.6	1.8	1.4	1.8	2	2.4	1.2
IV	AG3444	2.6	1.8	2.2	1.6	2.4	2.2	1.4	1.4	1.8	1.6	1.8	1.8	2.2	1.2


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IV	AG3449	2.6	2	2.2	1.6	2.6	2.2	1.6	1.6	1.8	1.4	1.6	2	2.4	1.4
IV	AG3446	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2
V	EM3503	2.6	2.6	0.8	2.4	2.6	2.8	1.8	2.4	2.6	2.8	3	2.4	2.4	2
V	AG3501	1.8	1.6	1.8	1.4	1.4	1.8	1.6	2.2	1.6	2	2	1.8	2.2	2.2
V	AG3502	1.8	3	2.2	3	1.4	2	1.8	2.6	2.4	2.4	2.4	1.4	1.4	2.4
V	AG3504	2.2	2.8	2.2	1.2	1.8	1.6	2.2	2.8	2.2	1.2	2.6	2.8	2.6	2.2
V	AG3505	2	1.8	2.6	2.2	1	1	3	2.6	1.4	2	2	2.8	2.2	2.2
V	AG3506	1	1	1	1	3	2	1	2	2	1	1	1	3	2
V	AG3507	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
V	AG3508	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
V	AG3509	3	1.4	1	0.8	1	1	2.2	0.6	2.6	2.6	0.6	2.8	2.2	1.4
V	AG3510	2.8	2.4	2.2	1.8	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
V	AG3511	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
V	AG3512	2.6	2.2	1.8	1.4	2.2	1.8	1.6	1	2	1.8	1	1.6	1.4	1.4
V	AG3513	2.4	2.4	2.2	2.4	1	1.2	2	0.6	2.6	2.6	0.6	2.6	1	1.4
V	AG3514	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
V	AG3518	1.8	1	1.6	1.8	1.4	1.4	1.8	1.6	2.2	1.6	2	2	1.8	2.2
V	AG3540	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
V	AG3541	2.2	2.2	2.6	1.8	2.6	2.2	0.8	1.6	1.6	1.6	1.4	1.8	2.2	1.4
V	AG3542	2.4	2	2.8	1.6	2.8	2.4	0.8	1.6	1.8	1.8	1.2	1.6	2.4	1.4
V	AG3543	3	2.2	3	1.6	2	2.8	1.8	2.2	2.2	2.4	1.8	2.2	2.6	1.8
V	AG3544	2.6	1.6	2.8	1.4	2.8	2.6	0.4	1.8	1.8	1.8	1.2	1.4	2.6	1.2
V	AG3545	2.6	1.6	2.8	1.4	2.8	2.6	0.4	1.8	1.8	1.8	1.2	1.4	2.6	1.2
V	AG3546	2.6	1.8	1.8	1.8	1.8	1.8	1.8	2.6	2.4	2.4	2.4	2.4	2.4	2.2


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V	AG3547	2.4	2.4	2.8	1.8	2.8	2.2	1.2	1.6	1.8	1.8	1.4	1.8	2.2	1.6
V	AG3548	2.2	1.6	1.6	1.8	1.8	1.8	1	2	1.8	1.8	1.8	2	2	1.6
VI	EM3603	3	1.6	0.2	0.4	0.4	0.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4
VI	AG3605	3	1.6	0.2	0.4	0.4	0.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4
VI	AG3606	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
VI	AG3607	2.4	2	2.6	2.25	2	1	0.4	0.8	2.2	1.8	1.4	1.2	1.6	2.4
VI	AG3608	3	2.2	2	1.4	1.2	1	2	1	1	1.6	1	3	1.4	2
VI	AG3609	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
VI	AG3610	3	1.4	0.2	1.2	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4
VI	AG3611	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
VI	AG3612	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
VI	AG3640	3	1.6	0.2	0.4	0.4	0.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4
VI	AG3641	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
VI	AG3642	2.4	2	2.6	2.25	2	1	0.4	0.8	2.2	1.8	1.4	1.2	1.6	2.4
VI	AG3643	3	2.2	2	1.4	1.2	1	2	1	1	1.6	1	3	1.4	2
VI	AG3644	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
VI	AG3645	3	1.4	0.2	0	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4
VII	AG 3770	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
VII	AG 3471	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2
VIII	AG 3870	3	2.6	2	2	1.8	2	2.6	2.8	2.6	2.8	2.8	2.6	2.6	2.2
VIII	AG 3871	1.8	2	2.2	2	2	2.6	3	3	2.8	1.8	3	2	2.8	2.6
	Average	2.34	1.78	1.81	1.61	1.88	1.62	1.39	1.36	1.91	1.72	1.56	1.88	1.81	1.62

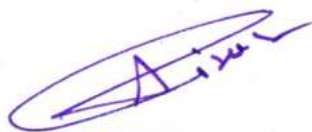

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Table 19: CO-PO Mapping with all Courses (Source: from the Syllabus of batch 2019-23)

SEMESTER	Course ID.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	CO Attained (AVG)
I	AG3101	2.8	1	1	1	1	1	1	0.6	0.8	1	1	1.8	1	0.4	1.942
I	AG3102	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	1.62
I	MA3103	1	3	3	1	1	1	1	1	2	1	1	2	1	2	2.45275
I	EG3103	1.4	1.4	1.6	1.8	1.6	2.4	2.2	1.4	1.2	2	2.8	2	1.8	1.8	2.11925
I	CS3102	1.4	2	1.8	1	1.8	1	1	1	2.2	1	2	2.2	2	2	2.29675
I	AG3106	2.8	2	2	1.8	2.4	1.8	1.6	1.25	2	1.8	1.8	1.6	1.4	1.8	2.5335
I	AG3108	3	1.2	1.2	1.4	1.6	1.8	1.6	1.6	1.6	2	1	2	2.6	1.6	2.25
I	AG3109	2.4	2	2.6	2.4	1.8	0.6	0.4	1	2.6	1.6	1.8	1.6	1.6	2.4	2.775
I	AG3110	1.4	1.6	1.8	2	1.6	2.2	1.8	2	1.6	2.2	1.8	2	1.6	1.8	2.24925
I	AG3140	2.2	2	1.8	2.2	1	1	1	1	2.2	2.2	2	3	2.4	2	2.1075
I	EG3141	1.2	1.8	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.2	2	2.2	1.8	2	2.58375
I	CS3141	1	2	1	1	1	1	1	1	1	1	2	3	2	2	2.1825
I	AG3141	2.8	2.4	2	2.4	2	2	2.6	2.6	2.4	2.8	2.8	2.4	2.6	2.2	2.48125
I	AG3143	3	2	2	2	2	2	3	3	3	3	3	3	2.8	2.6	2.37375
I	AG3144	2.4	2	2.6	2.4	1.8	0.6	1.4	1	2.6	1.6	1.8	1.6	1.6	2.4	2.674
II	MA3202	1	3	3	1	1	1	1	1	2	1	1	2	1	2	2.36675
II	AG3206	3	2	1.8	2.2	2	2.2	2.2	2.2	2.4	2.2	2.2	2.2	2	2	2.51125
II	AG3207	2.4	2.2	1.4	1.2	1.8	2.2	2	1	2	2.2	1.6	1.6	1.4	1.8	2.3175
II	AG3209	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	2.671
II	AG3210	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.79025
II	AG3213	2.4	2.4	2.2	1.6	2.2	1.6	1.6	0.8	1.8	1.8	1.6	1.6	1.4	1.6	2.70025
II	AG3214	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	2.82775
II	AG3240	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2.3925
II	AG3241	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2.51375
II	AG3243	2	1	1.8	1	1.2	1.4	0.4	1.6	1.4	0.2	0.4	1.4	0.2	2	2.57
II	AG3244	2.2	2.4	2.4	2	2.4	2.2	1.4	1.2	1.4	1.6	1.8	1.4	1.8	1.6	2.4575
II	AG3247	2.4	1.8	2.6	1.6	2.6	2.4	0.4	1.8	1.6	1.6	1.4	1.6	2.4	1.2	2.665

II	AG3248	3	2	2	2	2	2	2.6	2.8	2.6	2.8	2.8	2.6	2.6	2.2	2.6025
II	MA3240	3	3	3	3	3	1	1	1	2	2	3	3	2.8	2	2.425
III	CY3205	2.4	1.6	1.6	1.6	1.2	2	2.2	1.8	1.8	1.8	1.6	2.2	1.8	1.6	2.481
III	AG3306	1	1.8	2	1	1.6	1.6	1.6	1.2	1.2	1	1	1	1.8	1.8	2.26175
III	AG3307	1	2.8	2.8	2.8	0.2	0.2	0.4	0.2	2.8	0.2	0.2	1	0.2	0.4	2.376
III	AG3309	2.4	2	2.6	2.4	2.25	0.6	0.4	1	2.6	1.8	1.2	1.4	1.6	2.4	2.50425
III	AG3310	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.54625
III	AG3311	1	2.8	1	1.2	0.8	1	0	1.1	1.6	0	0	2	0.8	0.6	2.551
III	AG3312	1	1.2	1	1	1.2	1.2	1.2	1	1	1.2	1.2	1	1	1.2	2.54175
III	AG3313	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.551
III	AG3316	0.2	0.6	1	1	0.4	2.4	0.8	0.6	1.2	0.6	0.6	2	0.8	1	2.58475
III	CY3355	3	2	2	2	2	2	3	3	3	3	3	3	3	3	2.166
III	AG3340	1	1	1.4	1	1.4	1	1	1	1	1	1	1	1.8	1.8	2.117
III	AG3341	2.2	1.2	0.2	0	1.6	0.2	0.2	1	1	1	0.6	1	0.6	0.2	2.138
III	AG3343	2.4	1.4	2.6	2	2.5	0.2	0.8	1.2	2.4	1.8	1.2	1	1	2.4	2.3175
III	AG3344	3	0.8	1.8	1.6	3	2	2	1.6	2.6	2.4	1.2	2.6	2	1.4	2.7775
III	AG3345	1	1	0.8	0.6	1	1.4	0.6	0.8	1.4	0.8	0.4	1.6	0.4	0.2	2.456
III	AG3349	1	0	1	0	1.6	0	0.8	1	1.8	0	0	2.8	0	0.8	2.40125
III	AG3350	2.2	1.6	1	1.6	1.6	1.4	1	1	1.6	1	0.6	0.6	1.2	0.6	2.3875
III	AG3351	2.4	1.4	2.6	2	2.5	0.2	0.8	1.2	2.4	1.8	1.2	1	1	2.4	2.47625
IV	AG3406	3	2	0	0	1.8	2	1	1	1.8	1	1	1	1.8	1.8	2.37475
IV	AG3407	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	2.555
IV	AG3408	2.4	2	2.6	2.4	2	0.8	0.4	1.2	2.6	1	0.6	1.4	1.6	2.4	2.432
IV	AG3409	3	1.8	1.4	0.6	2.4	1.6	2	0	2	2	1	2.6	2.2	1.2	2.557
IV	AG3410	1.8	1.2	1.4	1.6	1.6	2.2	0	2.2	2	1	2	3	2.2	1	2.775
IV	AG3412	2.6	2.4	2	1.6	2.2	2.2	1.8	1.2	2.2	2.2	1.8	1.8	1.8	2.2	2.625
IV	AG3413	3	1.8	1.4	0.6	2.4	1.6	2	2.8	2	2	2.8	2.6	2.2	1.2	2.58825
IV	AG3417	2.4	2	2.6	2.4	2.25	0.6	0.4	1	2.6	1.8	1.2	1.4	1.6	2.4	2.63025
IV	AG3440	1	1	1.4	1	1.4	1	1	1	1	1	1	1	1.6	1.6	2.2265
IV	AG3441	2.2	2.2	1.8	2	2.2	2	1.6	1	1.6	1.4	1.4	1.8	1.6	1.4	2.33885
IV	AG3442	2	2	1.2	2	2	1.4	1	1.4	1.8	1.2	1.4	1.6	1.8	1	2.32025

IV	AG3443	2.8	1.6	1.8	1.6	2.4	2.2	1.6	1.6	1.8	1.4	1.8	2	2.4	1.2	2.41125
IV	AG3448	2.6	2	1	1.8	2	1	1	1	2	1	1	1	2	1	2.37375
IV	AG3449	2.6	2	2.2	1.6	2.6	2.2	1.6	1.6	1.8	1.4	1.6	2	2.4	1.4	2.37375
IV	AG3446	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2	2.226
V	EM3503	3	1.6	0.2	0.4	0.4	0.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4	2.43
V	AG3501	2.4	2	2.6	2.25	2	1	0.4	0.8	2.2	1.8	1.4	1.2	1.6	2.4	1.92125
V	AG3502	3	2.2	2	1.4	1.2	1	2	1	1	1.6	1	3	1.4	2	2.206
V	AG3504	3	1.4	0.2	0	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4	2.57125
V	AG3505	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.17125
V	AG3506	2.4	2.4	2.2	2.4	1	1.2	2	0.6	2.6	2.6	0.6	2.6	1	1.4	2.6025
V	AG3508	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	2.4675
V	AG3509	3	1.4	1	0.8	1	1	2.2	0.6	2.6	2.6	0.6	2.8	2.2	1.4	2.37875
V	AG3511	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4	2.6775
V	AG3512	2.6	2.2	1.8	1.4	2.2	1.8	1.6	1	2	1.8	1	1.6	1.4	1.4	1.96625
V	AG3518	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.45275
V	AG3540	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2	2.11925
V	AG3541	2.2	2.2	2.6	1.8	2.6	2.2	0.8	1.6	1.6	1.6	1.4	1.8	2.2	1.4	2.29675
V	AG3542	2.4	2	2.8	1.6	2.8	2.4	0.8	1.6	1.8	1.8	1.2	1.6	2.4	1.4	2.5335
V	AG3543	2.4	2	2.6	2.25	2	1	0.4	0.8	2.2	1.8	1.4	1.2	1.6	2.4	2.6025
V	AG3544	2.6	1.6	2.8	1.4	2.8	2.6	0.4	1.8	1.8	1.8	1.2	1.4	2.6	1.2	2.6775
V	AG3545	2.6	1.6	2.8	1.4	2.8	2.6	0.4	1.8	1.8	1.8	1.2	1.4	2.6	1.2	2.4675
V	AG3546	2.2	1.6	1.6	1.8	1.8	1.8	1	2	1.8	1.8	1.8	2	2	1.6	2.37875
V	AG3547	2.6	1.8	1.8	1.8	1.8	1.8	1.8	2.6	2.4	2.4	2.4	2.4	2.4	2.2	2.6775
V	AG3548	2.2	1.6	1.6	1.8	1.8	1.8	1	2	1.8	1.8	1.8	2	2	1.8	2.589
VI	AG3606	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.76225
VI	AG3607	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.5125
VI	AG3608	1	1	1	1	3	2	1	2	2	1	1	1	3	2	2.6565
VI	AG3609	2.8	2.4	2.2	1.8	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.84775
VI	AG3610	2.8	2.4	2.2	1.8	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.62875
VI	AG3611	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	1.892
VI	AG3612	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.075

VI	AG3613	3	1.6	0.2	0.4	0.4	1.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4	2.27075
VI	AG3640	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.35475
VI	AG3641	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4	2.7505
VI	AG3643	3	2.2	2	1.4	1.2	1	2	1	1	1.6	1	3	1.4	2	2.75625
VI	AG3644	3	2.2	3	1.6	2	2.8	1.8	2.2	2.2	2.4	1.8	2.2	2.6	1.8	2.72825
VI	AG3645	3	1.4	0.2	2.8	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4	2.68625
VI	AG3646	3	1.4	0.2	1.8	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4	2.511
VI	AG3648	3	0	1	2	3	2	2	2	3	2	2	3	2	1	2.07825
VI	AG3652	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8	2.925
VII	AG 3770	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6	2.03425
VII	AG 34771	2.1	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2	2.71875
VIII	AG 3870	3	2.6	2	2	1.8	2	2.6	2.8	2.6	2.8	2.8	2.6	2.6	2.2	2.254
VIII	AG 3871	1.8	2	2.2	2	2	2.6	3	3	2.8	1.8	3	2	2.8	2.6	2.842

Table 20: Attainment on the basis Mapping/ Weightage of PO-PSOs(Source: from the Syllabus of batch 2019-23)

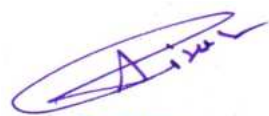
SEME STER	Course ID.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
I	AG3101	2.8	1	1	1	1	1	1	0.6	0.8	1	1	1.8	1	0.4
I	AG3102	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
I	MA3103	1	3	3	1	1	1	1	1	2	1	1	2	1	2
I	EG3103	1.4	1.4	1.6	1.8	1.6	2.4	2.2	1.4	1.2	2	2.8	2	1.8	1.8
I	MA3104	3	1.8	1.4	0.6	2.4	1.6	2	1	2	2	0	2.6	2.2	1.2
I	CS3102	1.4	2	1.8	1	1.8	1	1	1	2.2	1	2	2.2	2	2
I	AG3106	2.8	2	2	1.8	2.4	1.8	1.6	1.25	2	1.8	1.8	1.6	1.4	1.8
I	AG3107	2.2	2.2	2.8	2.2	1.2	1.8	1.6	2.2	2.8	2.2	1.2	2.6	2.8	2.6
I	AG3108	3	1.2	1.2	1.4	1.6	1.8	1.6	1.6	1.6	2	1	2	2.6	1.6
I	AG3109	2.4	2	2.6	2.4	1.8	0.6	0.4	1	2.6	1.6	1.8	1.6	1.6	2.4
I	AG3110	1.4	1.6	1.8	2	1.6	2.2	1.8	2	1.6	2.2	1.8	2	1.6	1.8
I	AG3140	2.2	2	1.8	2.2	1	1	1	1	2.2	2.2	2	3	2.4	2
I	EG3141	1.2	1.8	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.2	2	2.2	1.8	2

I	MA3140	1.4	2.2	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4
I	CS3141	1	2	1	1	1	1	1	1	1	1	2	3	2	2
I	AG3141	2.8	2.4	2	2.4	2	2	2.6	2.6	2.4	2.8	2.8	2.4	2.6	2.2
I	AG3142	2.2	1.4	2	1.8	1	2	1.4	2	1	2	2.6	1.8	2.2	2
I	AG3143	3	2	2	2	2	2	3	3	3	3	3	3	2.8	2.6
I	AG3144	2.4	2	2.6	2.4	1.8	0.6	1.4	1	2.6	1.6	1.8	1.6	1.6	2.4
I	AG3145	2.4	2	2.4	2.4	1.8	2.2	0.4	2	1.8	1.6	1.8	1.6	2.2	2.6
II	MA3202	1	3	3	1	1	1	1	1	2	1	1	2	1	2
II	AG3206	3	2	1.8	2.2	2	2.2	2.2	2.2	2.4	2.2	2.2	2.2	2	2
II	AG3207	2.4	2.2	1.4	1.2	1.8	2.2	2	1	2	2.2	1.6	1.6	1.4	1.8
II	AG3208	1.8	1.8	2	2	2	1.8	1.4	2	1	2.2	2.6	2	3	2
II	AG3209	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
II	AG3210	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
II	AG3211	2	1.8	1.6	1	1.6	1.6	1.6	1.8	1	2	2.2	1.8	1.9	2.2
II	AG3212	1.8	3	2.2	3	1.4	2	1.8	2.6	2.4	2.4	2.4	1.4	1.4	1.4
II	AG3213	2.4	2.4	2.2	1.6	2.2	1.6	1.6	0.8	1.8	1.8	1.6	1.6	1.4	1.6
II	AG3214	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
II	AG3240	2	2	2	2	2	2	3	3	3	3	3	3	3	3
II	AG3241	3	2	2	2	2	2	3	3	3	3	3	3	3	3
II	AG3242	2.4	2	2.6	2.4	1.8	0.6	0.4	1	2.6	1.6	1.8	1.6	1.6	2.4
II	AG3243	2	1	1.8	1	1.2	1.4	0.4	1.6	1.4	0.2	0.4	1.4	0.2	2
II	AG3244	2.2	2.4	2.4	2	2.4	2.2	1.4	1.2	1.4	1.6	1.8	1.4	1.8	1.6
II	AG3245	2.2	2.6	1.8	1.8	1.8	1.8	1.8	1.8	2.6	2.4	2.4	2.4	2.4	2.4
II	AG3246	2	1.6	2	2	2.2	1.6	2	2.4	1.2	1.8	1.6	1.4	1.4	1.6
II	AG3247	2.4	1.8	2.6	1.6	2.6	2.4	0.4	1.8	1.6	1.6	1.4	1.6	2.4	1.2
II	AG3248	3	2	2	2	2	2	2.6	2.8	2.6	2.8	2.8	2.6	2.6	2.2
II	MA3240	3	3	3	3	3	1	1	1	2	2	3	3	2.8	2
III	CY3205	2.4	1.6	1.6	1.6	1.2	2	2.2	1.8	1.8	1.8	1.6	2.2	1.8	1.6
III	AG3306	1	1.8	2	1	1.6	1.6	1.6	1.2	1.2	1	1	1	1.8	1.8
III	AG3307	1	2.8	2.8	2.8	0.2	0.2	0.4	0.2	2.8	0.2	0.2	1	0.2	0.4
III	AG3308	3	1.8	1.4	0.6	2.4	1.6	2	2.8	2	2	2.8	2.6	2.2	1.2

III	AG3309	2.4	2	2.6	2.4	2.25	0.6	0.4	1	2.6	1.8	1.2	1.4	1.6	2.4
III	AG3310	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
III	AG3311	1	2.8	1	1.2	0.8	1	0	1.1	1.6	0	0	2	0.8	0.6
III	AG3312	1	1.2	1	1	1.2	1.2	1.2	1	1	1.2	1.2	1	1	1.2
III	AG3313	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
III	AG3316	0.2	0.6	1	1	0.4	2.4	0.8	0.6	1.2	0.6	0.6	2	0.8	1
III	CY3355	3	2	2	2	2	2	3	3	3	3	3	3	3	3
III	AG3340	1	1	1.4	1	1.4	1	1	1	1	1	1	1	1.8	1.8
III	AG3341	2.2	1.2	0.2	0	1.6	0.2	0.2	1	1	1	0.6	1	0.6	0.2
III	AG3342	2	2.3	1.6	1.8	2	1.6	2.2	1.8	2	1.6	2.2	1.8	2	1.6
III	AG3343	2.4	1.4	2.6	2	2.5	0.2	0.8	1.2	2.4	1.8	1.2	1	1	2.4
III	AG3344	3	0.8	1.8	1.6	3	2	2	1.6	2.6	2.4	1.2	2.6	2	1.4
III	AG3345	1	1	0.8	0.6	1	1.4	0.6	0.8	1.4	0.8	0.4	1.6	0.4	0.2
III	AG3346	2	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2
III	AG3347	1.8	3	2.2	3	1.4	2	1.8	2.6	2.4	2.4	2.4	1.4	1.4	1.2
III	AG3349	1	0.4	1	0.4	1.6	0	0.8	1	1.8	0	0	2.8	0	0.8
III	AG3350	2.2	1.6	1	1.6	1.6	1.4	1	1	1.6	1	0.6	0.6	1.2	0.6
III	AG3351	2.4	1.4	2.6	2	2.5	0.2	0.8	1.2	2.4	1.8	1.2	1	1	2.4
IV	AG3404	2.2	2.6	2.6	0.8	2.4	2.6	2.8	1.8	2.4	2.6	2.8	3	2.4	2.4
IV	AG3406	3	2	0	0	1.8	2	1	1	1.8	1	1	1	1.8	1.8
IV	AG3407	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
IV	AG3408	2.4	2	2.6	2.4	2	0.8	0.4	1.2	2.6	1	0.6	1.4	1.6	2.4
IV	AG3409	3	1.8	1.4	0.6	2.4	1.6	2	0	2	2	1	2.6	2.2	1.2
IV	AG3410	1.8	1.2	1.4	1.6	1.6	2.2	0	2.2	2	1	2	3	2.2	1
IV	AG3411	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
IV	AG3412	2.6	2.4	2	1.6	2.2	2.2	1.8	1.2	2.2	2.2	1.8	1.8	1.8	2.2
IV	AG3413	3	1.8	1.4	0.6	2.4	1.6	2	2.8	2	2	2.8	2.6	2.2	1.2
IV	AG3417	2.4	2	2.6	2.4	2.25	0.6	0.4	1	2.6	1.8	1.2	1.4	1.6	2.4
IV	AG3440	1	1	1.4	1	1.4	1	1	1	1	1	1	1	1.6	1.8
IV	AG3441	2.2	2.2	1.8	2	2.2	2	1.6	1	1.6	1.4	1.4	1.8	1.6	1.4
IV	AG3442	2	2	1.2	2	2	1.4	1	1.4	1.8	1.2	1.4	1.6	1.8	1

IV	AG3443	2.8	1.6	1.8	1.6	2.4	2.2	1.6	1.6	1.8	1.4	1.8	2	2.4	1.2
IV	AG3444	2.6	1.8	2.2	1.6	2.4	2.2	1.4	1.4	1.8	1.6	1.8	1.8	2.2	1.2
IV	AG3448	2.6	2	1	1.8	2	1	1	1	2	1	1	1	2	1
IV	AG3449	2.6	2	2.2	1.6	2.6	2.2	1.6	1.6	1.8	1.4	1.6	2	2.4	1.4
IV	AG3446	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2
V	EM3503	3	1.6	0.2	0.4	0.4	0.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4
V	AG3501	2.4	2	2.6	2.25	2	1	0.4	0.8	2.2	1.8	1.4	1.2	1.6	2.4
V	AG3502	3	2.2	2	1.4	1.2	1	2	1	1	1.6	1	3	1.4	2
V	AG3504	3	1.4	0.2	0	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4
V	AG3505	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
V	AG3506	2.4	2.4	2.2	2.4	1	1.2	2	0.6	2.6	2.6	0.6	2.6	1	1.4
V	AG3507	2	1.6	1.8	1	2.4	2.2	1.6	1.4	1.8	1.4	2	2	2.4	1.4
V	AG3508	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
V	AG3509	3	1.4	1	0.8	1	1	2.2	0.6	2.6	2.6	0.6	2.8	2.2	1.4
V	AG3510	1.6	1.8	2	1.6	2.2	1.8	2	1.6	2.2	1.8	2	1.6	1.8	1.6
V	AG3511	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.8	1.2	1.8	2	1.4
V	AG3512	2.6	2.2	1.8	1.4	2.2	1.8	1.6	1	2	1.8	1	1.6	1.4	1.4
V	AG3513	1.6	2	2	1.8	3	2.2	3	1.4	2	1.8	2.6	2.4	2.4	2.4
V	AG3514	2.2	2.2	1.6	1.6	1.8	1.8	1.8	1	2	1.8	1.8	1.8	2	2
V	AG3518	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
V	AG3540	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2
V	AG3541	2.2	2.2	2.6	1.8	2.6	2.2	0.8	1.6	1.6	1.6	1.4	1.8	2.2	1.4
V	AG3542	2.4	2	2.8	1.6	2.8	2.4	0.8	1.6	1.8	1.8	1.2	1.6	2.4	1.4
V	AG3543	2.4	2	2.6	2.25	2	1	0.4	0.8	2.2	1.8	1.4	1.2	1.6	2.4
V	AG3544	2.6	1.6	2.8	1.4	2.8	2.6	0.4	1.8	1.8	1.8	1.2	1.4	2.6	1.2
V	AG3545	2.6	1.6	2.8	1.4	2.8	2.6	0.4	1.8	1.8	1.8	1.2	1.4	2.6	1.2
V	AG3546	2.2	1.6	1.6	1.8	1.8	1.8	1	2	1.8	1.8	1.8	2	2	1.6
V	AG3547	2.6	1.8	1.8	1.8	1.8	1.8	1.8	2.6	2.4	2.4	2.4	2.4	2.4	2.2
V	AG3548	2.2	1.6	1.6	1.8	1.8	1.8	1	2	1.8	1.8	1.8	2	2	1.8
VI	EM3603	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
VI	AG3605	2.4	2	2.6	2.4	1.8	0.6	0.4	1	2.6	1.6	1.8	1.6	1.6	2.4

VI	AG3606	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
VI	AG3607	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
VI	AG3608	1	1	1	1	3	2	1	2	2	1	1	1	3	2
VI	AG3609	2.8	2.4	2.2	1.8	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
VI	AG3610	2.8	2.4	2.2	1.8	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
VI	AG3611	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
VI	AG3612	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
VI	AG3613	3	1.6	0.2	0.4	0.4	1.2	0.2	0.8	1	0.8	0.8	1.2	0.8	0.4
VI	AG3640	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
VI	AG3641	2.6	2	2.4	1.8	2.2	2.4	1	1	1.8	1.4	2	1.4	2	1.4
VI	AG3642	1.8	2	1.8	3	2.2	3	1.4	2	1.8	2.6	2.4	2.4	2.4	1.4
VI	AG3643	3	2.2	2	1.4	1.2	1	2	1	1	1.6	1	3	1.4	2
VI	AG3644	3	2.2	3	1.6	2	2.8	1.8	2.2	2.2	2.4	1.8	2.2	2.6	1.8
VI	AG3645	3	1.4	0.2	2.8	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4
VI	AG3646	3	1.4	0.2	1.8	1.8	0.6	2	0.2	2	1	1.6	3	1.2	1.4
VI	AG3648	3	0	1	2	3	2	2	2	3	2	2	3	2	1
VI	AG3652	2.8	2.2	2	1.6	2.2	2	1.8	1	2.2	2	1.8	1.8	1.8	1.8
VII	AG 3770	2.8	0.4	0.6	1.8	2.6	1.4	1.6	1	2.4	2.6	1	1.8	1.6	0.6
VII	AG 3471	2.4	1.8	2.6	2	1.6	0.4	0.6	1	2.4	1.6	1.4	1	1	2.2
VIII	AG 3870	3	2.6	2	2	1.8	2	2.6	2.8	2.6	2.8	2.8	2.6	2.6	2.2
VIII	AG 3871	1.8	2	2.2	2	2	2.6	3	3	2.8	1.8	3	2	2.8	2.6
	Average	2.31	1.82	1.85	1.66	1.92	1.62	1.37	1.45	1.95	1.71	1.59	1.87	1.79	1.65


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Indirect Attainment on the basis of Mapping done by Alumni of Bachelors of Science Agriculture

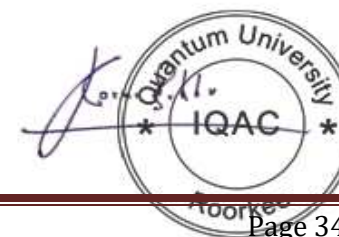
Table-20

Calculations based on mapping score of 43 Alumnus

Mapping by Alumni for PO1				Mapping by Alumni for PO2				Mapping by Alumni for PO3				Mapping by Alumni for PO4				Mapping by Alumni for PO5				Mapping by Alumni for PO6				Mapping by Alumni for PO7				Mapping by Alumni for PO8				Mapping by Alumni for PO9				Mapping by Alumni for PO10			
0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3
1	3	2	37	2	4	20	17	2	18	8	15	0	5	4	34	2	4	7	30	4	15	12	12	2	5	22	14	2	3	18	20	0	4	20	19	1	5	5	32
2	8	6	27	1	6	8	28	0	5	19	19	0	3	7	33	1	6	8	28	0	4	5	34	3	15	10	15	1	5	20	17	0	0	10	33	2	10	15	16
2	6	8	27	3	5	25	10	2	4	17	20	1	5	18	19	4	15	10	14	2	7	18	16	2	18	12	11	2	5	20	16	1	2	10	30	0	20	10	13
3	7	12	21	1	6	4	32	1	9	18	15	4	11	12	16	0	10	17	16	2	5	20	16	0	7	10	26	3	1	4	35	2	5	15	21	1	15	12	15
0	5	6	32	1	17	15	10	2	18	8	15	1	6	8	28	0	2	6	35	1	6	22	14	1	12	12	18	0	13	15	15	4	7	18	14	2	0	14	27
1	10	15	17	1	7	20	15	3	19	7	14	4	10	12	17	2	15	15	11	2	5	25	11	2	10	15	16	0	1	1	41	1	2	4	36	0	20	10	13
3	9	20	11	2	2	25	14	2	25	5	11	3	9	10	21	1	17	10	15	4	15	14	10	0	5	5	33	2	10	15	16	2	15	10	16	2	14	13	14
2	20	13	8	2	9	15	17	2	5	20	16	4	13	14	12	2	5	25	11	3	14	16	10	0	5	20	18	1	0	10	32	1	10	16	16	1	18	14	10
2	17	14	10	2	14	17	10	1	8	20	14	3	14	15	11	1	1	7	34	0	19	10	14	0	6	18	19	2	2	2	37	3	4	5	31	1	10	16	16

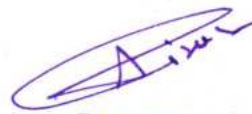
- 0- Not Mapped
- 1- Slighted Mapped
- 2-Moderately Mapped
- 3- Highly Mapped


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**Indirect Attainment on the basis of Observed Weight age in Program Outcome assigned by
Alumni of Bachelors of Science (Agriculture)
(Responses based on mapping score of 43 Alumnus)
Table-20 A
PO/AFOC Attainment Calculation for Batch 2020-23**

Observed Weightage in Program Outcomes											Indirect Attainment Based on Feedback of Alumni	
Alumni Feedback	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Avg. Value of feedback	Attainment
AFOC01	2.74	2.21	1.84	2.67	2.51	1.74	2.12	2.30	2.35	2.58	2.85	2
AFOC02	2.35	2.47	2.33	2.70	2.47	2.70	1.86	2.23	2.77	2.05	2.9	2
AFOC03	2.40	1.98	2.28	2.28	1.79	2.12	1.74	2.16	2.60	1.84	2.6	2
AFOC04	2.19	2.56	2.09	1.93	2.14	2.16	2.44	2.65	2.28	1.95	2.25	2
AFOC05	2.63	1.79	1.84	2.47	2.77	2.14	2.09	2.05	1.98	2.53	2.6	2
AFOC06	2.12	2.14	1.74	1.98	1.81	2.05	2.05	2.93	2.74	1.84	2.8	2
AFOC07	1.91	2.19	1.58	2.14	1.91	1.70	2.65	2.05	1.93	1.91	2.85	2
AFOC08	1.63	2.09	2.16	1.79	2.05	1.77	2.30	2.70	2.09	1.77	2.25	2
AFOC09	1.74	1.81	2.09	1.79	2.72	1.88	2.30	2.72	2.49	2.09	2.5	2
Average	2.19	2.14	1.99	2.19	2.24	2.03	2.17	2.42	2.36	2.06		


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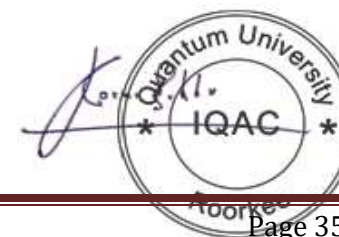
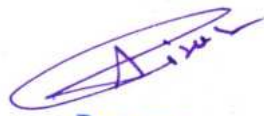


Table-21
PO/AFOC Attainment Calculation for Batch 2020-23

Feedback Weighted Mapping of Program Outcome towards Indirect Attainment

Alumni Feedback of Curriculum	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
AFOC01	1.829	1.473	1.225	1.783	1.674	1.163	1.411	1.535	1.566	1.721
AFOC02	1.566	1.643	1.550	1.798	1.643	1.798	1.240	1.488	1.845	1.364
AFOC03	1.597	1.318	1.519	1.519	1.194	1.411	1.163	1.442	1.736	1.225
AFOC04	1.457	1.705	1.395	1.287	1.426	1.442	1.628	1.767	1.519	1.302
AFOC05	1.752	1.194	1.225	1.643	1.845	1.426	1.395	1.364	1.318	1.690
AFOC06	1.411	1.426	1.163	1.318	1.209	1.364	1.364	1.953	1.829	1.225
AFOC07	1.271	1.457	1.054	1.426	1.271	1.132	1.767	1.364	1.287	1.271
AFOC08	1.085	1.395	1.442	1.194	1.364	1.178	1.535	1.798	1.395	1.178
AFOC09	1.163	1.209	1.395	1.194	1.814	1.256	1.535	1.814	1.659	1.395
Indirect Attainment	1.459	1.425	1.330	1.463	1.494	1.352	1.449	1.614	1.573	1.375


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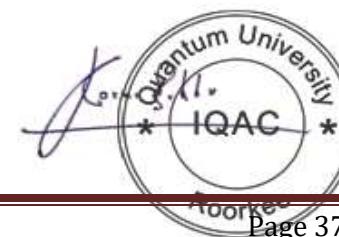
Indirect Attainment on the basis of Mapping done by Alumni of Bachelors of Science (Agriculture)

Table-22

Calculations based on mapping score of 36 Employers

Mapping by Alumni for PO1				Mapping by Alumni for PO2				Mapping by Alumni for PO3				Mapping by Alumni for PO4				Mapping by Alumni for PO5				Mapping by Alumni for PO6				Mapping by Alumni for PO7				Mapping by Alumni for PO8				Mapping by Alumni for PO9				Mapping by Alumni for PO10			
0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3	0	1	2	3
1	3	2	30	1	4	3	28	2	8	18	8	4	8	10	14	0	4	2	30	1	7	15	13	2	3	18	13	2	10	10	14	0	17	4	15	1	5	5	25
2	4	6	24	1	6	8	21	2	4	5	25	4	7	11	14	1	8	10	17	2	9	12	13	3	15	10	8	1	5	2	28	0	0	10	26	2	4	14	16
2	3	3	28	3	5	3	25	2	2	3	29	2	7	10	17	2	5	20	9	1	4	18	13	2	14	10	10	2	5	20	9	1	2	10	23	1	0	7	28
2	12	7	15	1	4	10	21	1	1	7	27	4	12	10	10	0	10	17	9	2	2	2	30	0	0	10	26	3	1	15	17	2	5	15	14	1	8	12	15
1	2	5	28	2	14	12	8	2	6	15	13	1	10	11	14	0	11	10	15	1	4	8	23	1	2	2	31	0	15	13	8	3	4	15	14	2	12	10	12
1	7	15	13	1	4	4	27	3	3	10	20	4	10	12	10	2	4	15	15	1	4	4	27	2	4	4	26	0	1	1	34	1	2	4	29	0	17	10	9
3	6	18	9	2	5	14	15	2	10	10	14	0	2	4	30	2	7	15	12	0	7	2	27	3	5	15	13	2	10	15	9	2	5	7	22	2	4	6	24
2	10	12	12	3	9	15	9	2	10	12	12	0	4	5	27	0	4	4	28	3	10	15	8	2	5	12	17	1	10	12	13	1	2	12	21	1	0	2	33
2	11	11	12	2	14	12	8	1	6	15	14	1	5	12	18	2	4	12	18	0	15	13	8	4	7	14	11	2	2	2	30	3	2	4	27	1	10	10	15


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Indirect Attainment on the basis of Observed Weight age in Program Outcome assigned by Employer of Bachelors of Business Administration

(Responses based on mapping score of 28 Employers)

Table-22 A

PO/EFOC Attainment Calculation for Batch 2020-23

Observed Weightage in Program Outcomes											Indirect Attainment	
Employer Feedback	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	Average Value of feedback (2022-23)	Indirect Attainment
EFOC01	2.69	2.61	1.89	1.94	2.72	2.11	2.17	2.00	1.94	2.50	2.75	2
EFOC02	2.44	2.36	2.47	1.97	2.19	2.00	1.64	2.58	2.72	2.22	2.15	2
EFOC03	2.58	2.39	2.64	2.17	2.00	2.19	1.78	2.00	2.53	2.72	2.6	2
EFOC04	1.97	2.42	2.67	1.72	1.97	2.67	2.72	2.28	2.14	2.14	2.1	2
EFOC05	2.67	1.72	2.08	2.06	2.11	2.47	2.75	1.81	2.11	1.89	2.7	2
EFOC06	2.11	2.58	2.31	1.78	2.19	2.58	2.50	2.92	2.69	1.78	2.75	2
EFOC07	1.92	2.17	2.00	2.78	2.03	2.56	2.06	1.86	2.36	2.44	2.35	2
EFOC08	1.94	1.83	1.94	2.64	2.67	1.78	2.22	2.03	2.47	2.86	2.5	2
EFOC09	1.92	1.72	2.17	2.31	2.28	1.81	1.89	2.67	2.53	2.08	2.55	2
Average	2.25	2.20	2.24	2.15	2.24	2.24	2.19	2.24	2.39	2.29		


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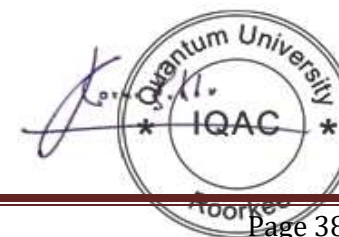


Table-18
PO/EFOC Attainment Calculation for Batch 2020-23

Feedback Weighted Mapping of Program Outcome towards Indirect Attainment

Employer's Feedback of Curriculum	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
EFOC01	1.738	1.667	1.143	1.167	1.762	1.238	1.286	1.143	1.333	1.571
EFOC02	1.619	1.452	1.548	1.190	1.310	1.286	0.976	1.643	1.762	1.333
EFOC03	1.643	1.476	1.690	1.286	1.143	1.310	1.095	1.143	1.595	1.762
EFOC04	1.167	1.500	1.714	1.119	1.262	1.714	1.762	1.381	1.262	1.262
EFOC05	1.714	1.095	1.214	1.286	1.381	1.548	1.786	1.119	1.238	1.143
EFOC06	1.238	1.643	1.405	1.095	1.310	1.643	1.571	1.929	1.738	1.381
EFOC07	1.071	1.286	1.238	1.810	1.167	1.619	1.190	1.024	1.452	1.524
EFOC08	1.286	1.000	1.190	1.690	1.714	1.000	1.333	1.167	1.548	1.881
EFOC09	1.167	1.048	1.286	1.405	1.381	1.167	1.048	1.714	1.595	1.214
Indirect Attainment	1.405	1.352	1.381	1.339	1.381	1.392	1.339	1.362	1.503	1.452


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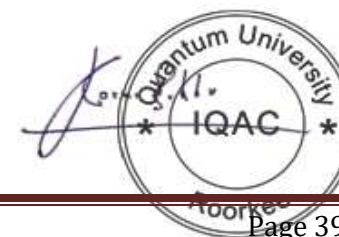


Table-23
PO/EFOC Attainment Calculation for Batch 2020-23

Feedback Weighted Mapping of Program Outcome towards Indirect Attainment

Employer's Feedback of Curriculum	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
EFOC01	1.796	1.741	1.259	1.296	1.815	1.407	1.444	1.333	1.296	1.667
EFOC02	1.630	1.574	1.648	1.315	1.463	1.333	1.093	1.722	1.815	1.481
EFOC03	1.722	1.593	1.759	1.444	1.333	1.463	1.185	1.333	1.685	1.815
EFOC04	1.315	1.611	1.778	1.148	1.315	1.778	1.815	1.519	1.426	1.426
EFOC05	1.778	1.148	1.389	1.370	1.407	1.648	1.833	1.204	1.407	1.259
EFOC06	1.407	1.722	1.537	1.185	1.463	1.722	1.667	1.944	1.796	1.185
EFOC07	1.278	1.444	1.333	1.852	1.352	1.704	1.370	1.241	1.574	1.630
EFOC08	1.296	1.222	1.296	1.759	1.778	1.185	1.481	1.352	1.648	1.907
EFOC09	1.278	1.148	1.444	1.537	1.519	1.204	1.259	1.778	1.685	1.389
Indirect Attainment	1.500	1.467	1.494	1.434	1.494	1.494	1.461	1.492	1.593	1.529


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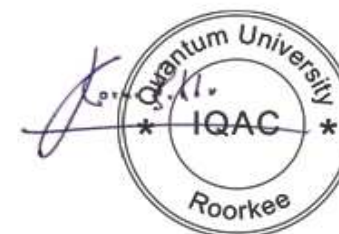


Table-19

Actual Attainment based on Direct and Indirect Attainment for Batch 2020--23

Program Outcome	Indirect attainment based on feedback of Alumni	Indirect attainment based on feedback of Employer	Direct	Actual
PO1	1.459	1.500	2.31	2.144
PO2	1.425	1.467	1.82	1.745
PO3	1.330	1.494	1.85	1.762
PO4	1.463	1.434	1.66	1.618
PO5	1.494	1.494	1.92	1.835
PO6	1.352	1.494	1.62	1.581
PO7	1.449	1.461	1.37	1.387
PO8	1.614	1.492	1.45	1.471
PO9	1.573	1.593	1.95	1.877
PO10	1.375	1.529	1.71	1.658


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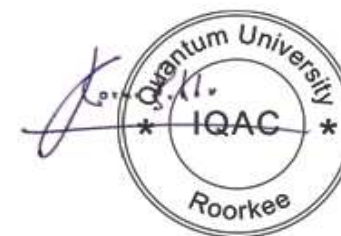
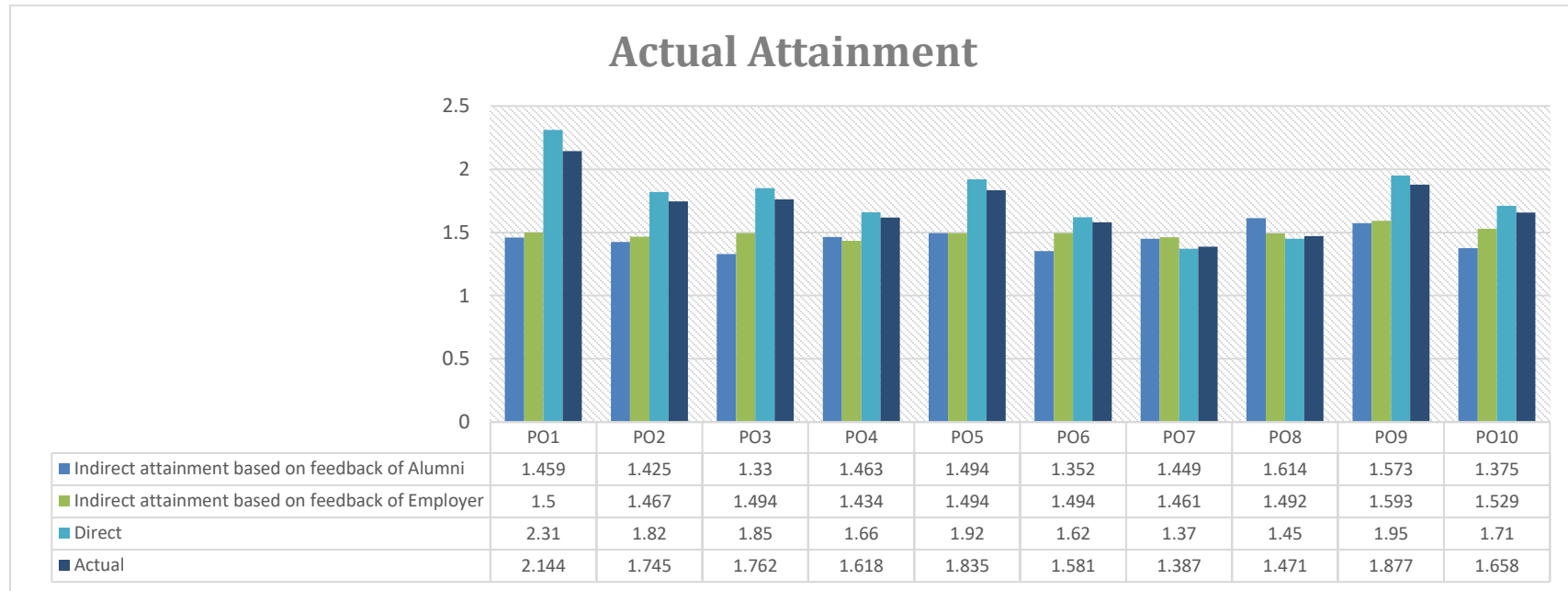


Table-24

Actual Attainment based on Direct and Indirect Attainment for Batch 2020--23

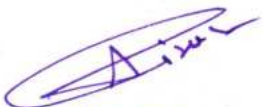



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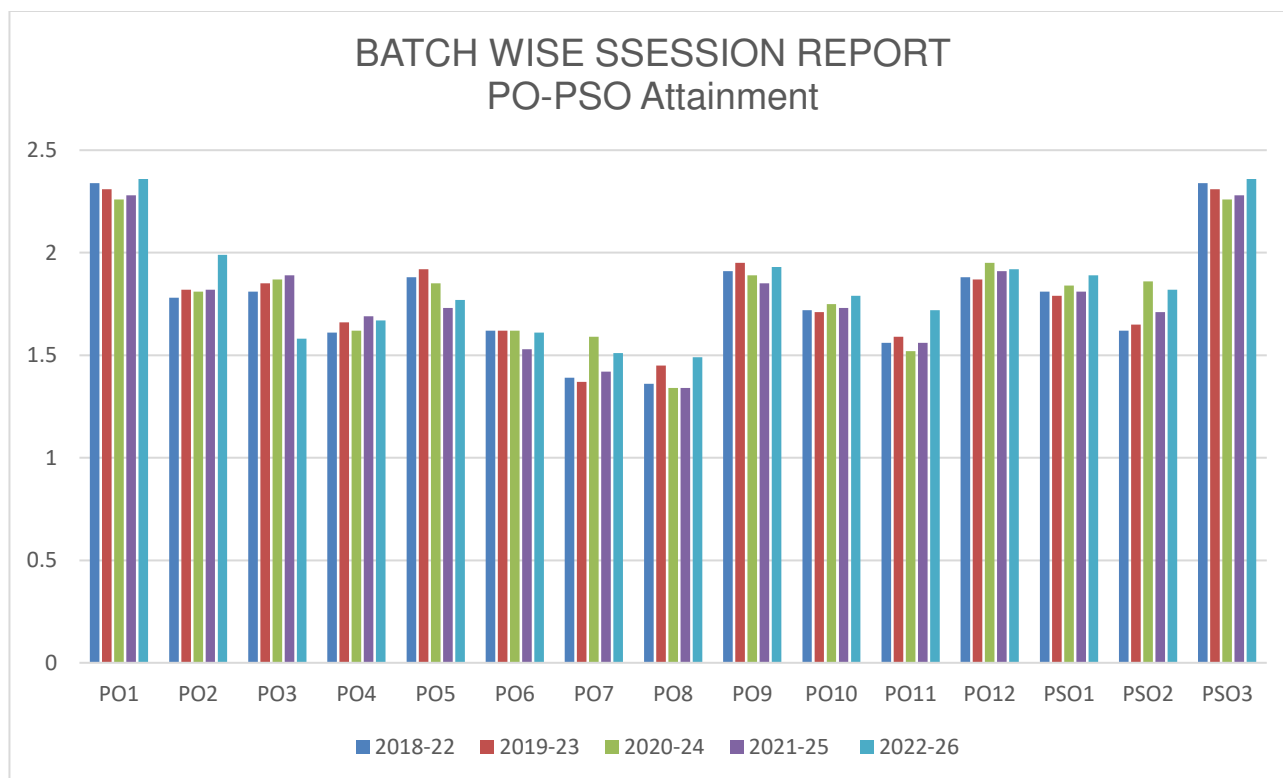


Table 21: Attainment Comparison of Previous Batches

BATCH WISE SESSION	2018-22	2019-23	2020-24	2021-25	2022-26
PO1	2.34	2.31	2.26	2.28	2.36
PO2	1.78	1.82	1.81	1.82	1.99
PO3	1.81	1.85	1.87	1.89	1.58
PO4	1.61	1.66	1.62	1.69	1.67
PO5	1.88	1.92	1.85	1.73	1.77
PO6	1.62	1.62	1.62	1.53	1.61
PO7	1.39	1.37	1.59	1.42	1.51
PO8	1.36	1.45	1.34	1.34	1.49
PO9	1.91	1.95	1.89	1.85	1.93
PO10	1.72	1.71	1.75	1.73	1.79
PO11	1.56	1.59	1.52	1.56	1.72
PO12	1.88	1.87	1.95	1.91	1.92
PSO1	1.81	1.79	1.84	1.81	1.89
PSO2	1.62	1.65	1.86	1.71	1.82
PSO3	2.34	2.31	2.26	2.28	2.36


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Chapter Four

Analysis & Planning of Teaching Learning Strategies

(On the Basis of PO-PSO Attained)

The provided data represents the performance of a program across different batches (2018-22, 2019-23, and Partial Datasets of 2020-24 (6/8), 2021-25 (4/8) and 2022-26(2/8)) based on various Program Outcomes (PO) and Program Specific Outcomes (PSO). Each numerical value associated with a PO or PSO is a measure of the outcome for the respective batch.

Program Outcomes (PO):

1. PO1 - PO12:

- a There is a general trend of improvement in most POs from 2018-22 to 2022-26.
- b The Attainment level of PO1 is significantly high. However, other POs attain the level more than 1.5
- c The attainment level of PO7 and PO8 is observed to be low for all the batches but show the general trend of improvement.
- d PO11 and PO12 show an increase, but PO11 has a significant increase from 2019-21 to 2021-23.

2. Observations:

- PO1 attainment level is observed to be more than 2 in all the batches.
- The significant increase was observed in PO2 and PO8 for the batch 2022-2026

However in other batches same trend has been observed.

- The substantial increase for all the batches was observed in all the POs.

Program Specific Outcomes (PSO):


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1. PSO1 – PSO3:

- Generally, there is an improvement in PSOs across all the batches.
- PSO3 shows the consistent improvement and significantly high attainment level was observed in comparison to other PSOs.

Overall Trends:

1. Improvement:

There is an overall positive trend in both POs and PSOs, indicating an improvement in the program outcomes over time.

2. Varied Performance:

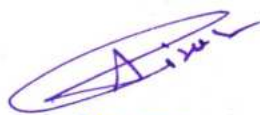
While some outcomes consistently improve, others may show fluctuations or unique patterns.

3. Consideration:

- Further investigation is needed to understand the factors contributing to significant changes, especially in cases of substantial improvement or decline.

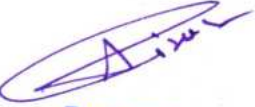
Strategies for T-L Process for 2023-24

S. NO	Program Outcome	Detail	Action Taken Report based on PO Attainment and incorporation in the curriculum 2023-24
PO-01	Agricultural knowledge	Imparting the knowledge of agriculture and allied sciences related subjects in the current scenario of Agriculture.	The regional issues, National issues and global issues in agriculture faced by farmers is introduced in the curriculum of B.Sc. (Hons) Agriculture
PO-02	Problem analysis	Develop the skills to manage agricultural farms, improve quality of farm produces and their commercial utilization.	The experiential learning methods will be adopted in the form of Mini Project to develop agricultural and entrepreneur


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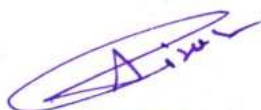


			skills among the student and to identify the complex problems in agriculture and their solution.
PO-03	Development of Solutions	Design solutions for complex problems of the farming system with due consideration of public health and environmental safety.	We have signed the MOUs with various Demonstration cum Production Centre for training students and students are motivated to take part in various activities designed to find the solutions for complex problems of the farming system with due consideration of public health and environmental safety.
PO-04	Conduct surveys and investigations	Explore knowledge and methods to synthesize and interpret available information to make viable conclusions.	Different types of village surveys were introduced in the courses to identify the problems faced by the farmers in their Socio-Economic life and their solutions
PO-05	Modern tool usage	Select, and apply appropriate techniques, resources, and modern agriculture technologies and tools for agricultural activities with an understanding of the limitations.	Adequate coverage has been provided in respect of new technologies such as biotechnology, information technology, bioinformatics, GIS, remote sensing, precision agriculture, hi-tech cultivation, secondary agriculture, conservation agriculture, organic farming, international agriculture, processing and value addition, agribusiness management, and communication skills in developing the course curriculum for the session 2023-2024


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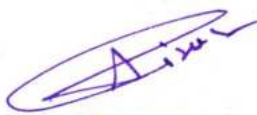


PO-06	Society Role	Apply reasoning to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practices in agriculture.	In delivering the curricula, the concerned courses may discuss major initiatives of the Government of India, such as the National Food Security Mission, Rashtriya Krishi Vikas Yojana, MGNREGA, Jan Dhan Yojana, Make-in-India, Krishi Sinchai Yojana, Digital India, Skill India, Start-up India, etc.
PO-07	Environment and sustainability	Understand the impact of the professional scientific solutions on societal and environmental issues, and impart knowledge and need for sustainable development.	University has introduced the courses on UNDP and IKS from the session 2022-2023 to all the program to develop a sense of responsibility towards societal needs for attaining inclusive and sustainable development goals. Students will be encouraged to organize awareness camp on organic farming, Natural farming to develop the sense of environment and sustainability among the society
PO-08	Ethics	Apply ethical principles and commit to professional ethics and responsibilities and norms of the agricultural practices.	The VAC courses will be offered to the students to attain strong academic integrity, professional code of conduct, ethics of experimental research and scientific writings, contemplation of the impact of research findings on conventional issues. The courses of Indian Knowledge system were introduced from


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			the session 2022-2023 to develop a sense of responsibility towards societal needs for attaining inclusive and sustainable development goals.
PO-09	Individual and Team work	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	More emphasis has been given to the inter-disciplinary projects to develop the diversity among the students and blending the technology with agriculture
PO-10	Communication	Communicate effectively through concise documents on complex agricultural problems and challenges in Agriculture.	Utilizing various communication channels, and adapting counseling approaches to effectively address nutritional needs and promote healthy habits for diverse audiences
PO-11	Project Management and Finance	Impart knowledge and understand all related methods in agriculture to apply it in one's work individually or in a team to manage projects and increase the profit from crop fields and livestock.	Tieups are being initiated with microfinance agencies and planning to give exposure to the students in the form of projects related to crop insurance, Govt. finance schemes, Agriculture loan etc.
PO-12	Life-long learning	Recognize the need for, and have the preparation and ability to engage independently in life-long learning in the broadest context of agricultural and technological changes.	The base of agricultural education will be broadened, while sustaining the core excellence in the scientific component. In this context, the following considerations were kept in mind: (i) deprivation of rural people, especially poor farmers, has increased and their problems are much more complex,


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			(ii) a holistic approach underpinning multi- and interdisciplinary aspects is needed, (iii) in the globalized world, effective National/International collaboration will enhance capacities of universities (iv) The Massive Open Online Courses (MOOC) are the recent disruptive innovations that can enable a small group of teachers/mentors to offer learning services to many people in the duration of a single course.
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