Minutes of Meeting

BOARD OF EXAMINATION

A meeting of the B.O.E. was held on **26 June 2019** to review and approve the results of the End Semester Examination (ESE) of Even Semester, Academic Session 2018-2019 of the 1st year Programs of Quantum University. All B.O.E members except Prof. Rohit Kushwaha attended the meeting. Proceedings of the meeting are appended below:

A. The C.O.E. presented the result of the various programs running under the University

B. The Board observed that the results of the following semester-based programs were below expectation since a large number of students had failed in twelve subjects. The C.O.E. also presented the student-wise list of marks obtained by the unsuccessful candidates in those subjects:
   a. B.Sc. (H) Agriculture
   b. B.Tech. (various branches)
   c. Diploma Engineering (various branches)

C. The Board was advised that the reason for poor performance of the students in those subjects was the difficulty level of the question papers of those twelve subjects which was high.

D. The Board also reviewed the results of other subjects of the students and observed a considerable difference in performance.

E. Based on the above, the Board decided that moderation of the ESE marks (after scaling) of these twelve subjects was necessary. Accordingly, the Board advised the C.O.E. to apply moderation as given below. Further, the Board authorized the C.O.E. to release the result after moderation:

S.No.	Program	Subject Name	Subject Code	Moderation (Marks)
1.	B.Sc. (H) Agri	Agricultural Microbiology	AG3206	5 marks
2.	B.Sc. (H) Agri	Fundamentals of Crop Physiology	AG3208	6 marks
3.	B.Sc. (H) Agri	Fundamentals of Entomology	AG3209	4 marks
4.	B.Sc. (H) Agri	Fundamentals of Plant Biochemistry and Biotechnology	AG3211	8 marks
5.	B.Tech.	Engg. Physics	PH3101	5 marks
6.	B.Tech.	Human Values & Ethics	PS3101	4 marks
7.	B.Tech.	Mathematics II	MA3201	5 marks
8.	Diploma Engg.	Applied Chemistry-II	CY1201	4 marks
9.	Diploma Engg.	Environmental Studies	CY1202	4 marks
10.	Diploma Engg.	Applied Mathematics-II	MA1201	6 marks

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11.	Diploma Engg.	Applied Physics-II	PH1201	4 marks
12.	Diploma Engg.	Introduction to Human Values & Ethics	PS1202	5 marks

F. The Board noted with concern that 17 students of D.Pharma will fail their 1st year and will be required to repeat the same. The reason for the same was sought.

G. The Board was advised that these students have secured very low Sessional marks as they were absent in the sessional exams due to certain unavoidable reasons (own health issues, problems in the family etc.). Further, these students have appealed that they may be permitted to appear for a Make-up-Sessional Exam, as a special case, so that they do not lose one year.

H. The Board considered the case of D. Pharma students sympathetically and approved the holding of a Make-up-Sessional Exam. This will be a onetime exercise and will not form precedence. The D.Pharma result may, therefore, be put on hold till then.

I. The Board then authorized the C.O.E. to declare the results of programs other than D.Pharma after applying the approved moderation.

(Dr. Naveen Rawat)

Academic Coordinator

(Dr. Rahul Sharma)

Registrar

(Dr. Gulshan Chauhan)

Dean - QST

(Dr. K.K. Pande)

Dean – IQAC

(Dr. A. K. Khare)

External Expert

(Prof. M.S. Gupta)

C.O.E.

(Dr. Vivek Kumar) 26/06/19.

Vice-Chancellor

Vice Chancellor
Quantum University
Roorkee, India

Registrar
Quantum University

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BOARD OF EXAMINATION

Minutes of Meeting

A meeting of the B.O.E was held on 16 June 2020 to review and approve the results of the End Semester Examination (ESE) of Even semester- Academic Session 2019-20 of the various programs of Quantum University. All B.O.E members attended the meeting in ONLINE MODE. Proceedings of the meeting are appended below:

A. The C.O.E presented the result of the various programs running under the University.

B. The Board reviewed the results of 2nd, 4th semesters of various programs of the university.

C. The Board observed that in the results some of the courses had variable difference in performance and hence board decided to apply the standard deviation in those courses where the minimum range was more than 35(UG passing criteria) and settled to 35.Board advised C.O.E to apply the moderation in 20 courses as below. Board authorized the C.O.E to release the result after moderation:

Details of courses with remarks and BOE decision:

S. No.	Course Code	No.of students	Remarks	BOE Decision
1	AG3206	108	Minimum marks were more than 35 i.e 56.31	Minimum set to 35 in Upper Range Value(URV)
2	AG3207	108	Minimum marks were more than 35 i.e 47.10	Minimum set to 35 in Upper Range Value(URV)
3	AG3210	107	Minimum marks were more than 35 i.e 47.83	Minimum set to 35 in Upper Range Value(URV)
4	AG3213	108	Minimum marks were less than 35 i.e 64.44	Minimum set to 35 in Upper Range Value(URV)
5	AG3240	104	Minimum marks were more than 35 i.e 55.16	Minimum set to 35 in Upper Range Value(URV)
6	AG3241	106	Minimum marks were more than 35 i.e 72.22	Minimum set to 35 in Upper Range Value(URV)
7	AG3406	164	Minimum marks were more than 35 i.e 65.94	Minimum set to 35 in Upper Range Value(URV)
8	AG3410	164	Minimum marks were more than 35 i.e 72.87	Minimum set to 35 in Upper Range Value(URV)
9	AG3413	164	Minimum marks were more than 35 i.e 68.72	Minimum set to 35 in Upper Range Value(URV)
10	AG3417	164	Minimum marks were more than 35 i.e 47.65	Minimum set to 35 in Upper Range Value(URV)
11	AG3440	161	Minimum marks were less than 35 i.e 61.48	Minimum set to 35 in Upper Range Value(URV)
12	AG3441	162	Minimum marks were more than 35 i.e 56.59	Minimum set to 35 in Upper Range Value(URV)

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13	AG3449	164	Minimum marks were more than 35 i.e 48.13	Minimum set to 35 in Upper Range Value(URV)
14	CE3101	171	Minimum marks were more than 35 i.e 67.02	Minimum set to 35 in Upper Range Value(URV)
15	CE3201	148	Minimum marks were more than 35 i.e 74.79	Minimum set to 35 in Upper Range Value(URV)
16	EG3016	216	Minimum marks were more than 35 i.e 75.31	Minimum set to 35 in Upper Range Value(URV)
17	MA3204	106	Minimum marks were more than 35 i.e 31.72	Minimum set to 35 in Upper Range Value(URV)
18	ME1242	103	Minimum marks were more than 35 i.e 51.49 ·	Minimum set to 35 in Upper Range Value(URV)
19	NSS3401	165	Minimum marks were more than 35 i.e 44.99	Minimum set to 35 in Upper Range Value(URV)
20	VP3401	492	Minimum marks were more than 35 i.e 41.64	Minimum set to 35 in Upper Range Value(URV)

(Dr. Gulshan Chauhan)
Dean –QST and Dean Academics
Present Online

Dean- QSB
Present online.

(Dr. Amit Dixit)
Sr. Faculty Member

(Dr.A.K.Khare)
External Expert
Present Online

Vivek Kumar 16/06/2020
(Dr.Vivek Kumar)
Vice-Chancellor

/ Controller of Examination (COE)

Verified and Certified
1. Dr. Vivek Kumar
2. Dr. Gulshan Chauhan
3. Dr. Lokinder Tyagi
4. Dr. A.K. Khare.
5. Dr. Amit Dixit
Were present in the meeting.

Vivek Kumar 16/06/2020

Minutes of Meeting

BOARD OF EXAMINATION

A meeting of the B.O.E. was held on 20/7/2021 and on 23 August 2021 to review and approve the results of the End Semester Examination (ESE) of Even Semester, Academic Session 2020-2021 of the 1 year,2 year and of 3 year, Programs of Quantum University. All B.O.E members attended the meeting. Proceedings of the meeting are appended below:

A. The C.O.E. presented the result of the various programs running under the University

    a. The Board observed that the results of the 2 semester semester-based programs were below expectation since a large number of students had minimum marks due to abnormality in the result as standard deviation was applied, so as per the rule of the 3.6 Grade moderation of Academic Regulation, upper limit is going to be more than 100. The C.O.E. also presented the student-wise list of marks obtained by the unsuccessful candidates in those subjects: B.Tech. (various branches) CODE OF SUBJECTS ARE AS

      i. CS3204

      ii. CS3205

      iii. CS3206

      iv. CS3243

      v. CS3244

      vi. VP3201

B. The Board was advised that the reason for poor performance of the students in those subjects was upper limit is going to be more than 100, in many subjects which was high.

C. The Board also reviewed the results of other subjects of the students and observed a considerable difference in performance.

D. Based on the above, the Board decided that moderation of the ESE marks (after scaling) of these subjects was necessary. Accordingly, the Board advised the C.O.E. to apply moderation as given below. Further, the Board authorized the C.O.E. to release the result after moderation:

Lower range of marks	Grade	Upper range of marks
95	$\leq$ $A^+<$	100
90	$\leq$ A $<$	95
75	$\leq$ $B^+<$	90

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60	$\leq$	B	$<$	75
60	$\leq$	C^+	$<$	75
40	$\leq$	C	$<$	45
35	$\leq$	D	$<$	40
		F	$<$	35

(Dr. Manish Kumar)

Registrar

(Dr. Gulshan Chauhan)

Dean - QST

(Dr. K.K. Pande)

(Attended Online)

Dean – IQAC

(Dr. A. K. Khare)

(Attended Online)

External Expert

(Prof. Dr Amit Dixit)

C.O.E.

(Dr. Vivek Kumar)

Vice-Chancellor

Dr. Rakesh Premi

Dean—CBSB

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Minutes of Meeting

BOARD OF EXAMINATION

A meeting of the B.O.E. was held on 17 FEB 2022 to review and approve the results of the End Semester Examination (ESE) of odd Semesters, Academic Session 2020-2021 of the 1st year, 2nd year, 3rd year, and of 4th year, Programs of Quantum University. All B.O.E members attended the meeting except the Dr. A . K. Khare. Proceedings of the meeting are appended below:

A. The C.O.E. presented the result of the various programs running under the University
B. The Board observed that in the results some of of 1st, 3rd, 5th and of 7 Semester, there are some papers which shows abnormal results, the details of such subjects are mention below :
C. The Board was advised that the reason for poor performance of the students in those subjects was the difficulty level of the question papers of those twelve subjects which was high.
D. The Board also reviewed the results of other subjects of the students and observed a considerable difference in performance.
E. Based on the above, the Board decided that moderation of the ESE marks (after scaling) of these twelve subjects was necessary. Accordingly, the Board advised the C.O.E. to apply moderation as given below. Further, the Board authorized the C.O.E. to release the result after moderation:

S NO	SUBJECT CODE	REMARKS	BOE Decision
1.	VP3301	Abnormal result	Apply normal
2.	VP3501	Abnormal result	Apply normal
3.	AG 3501	MINIMUM PASS 70.52	MINIMUM 35
4.	AG3502	MINIMUM PASS 61.24	MINIMUM 35
5.	AG3504	MINIMUM PASS 47.47	MINIMUM 35
6.	AG3505	MINIMUM PASS 60.93	MINIMUM 35
7.	AG3506	MINIMUM PASS 63.28	MINIMUM 35
8.	AG3508	MINIMUM PASS 63.87	MINIMUM 35
9.	AG3509	MINIMUM PASS 55.39	MINIMUM 35
10.	AG3511	MINIMUM PASS 58.03	MINIMUM 35
11.	AG3512	MINIMUM PASS 61.04	MINIMUM 35
12.	AG3518	MINIMUM PASS 56.44	MINIMUM 35
13.	AG3546	MINIMUM PASS 56.50	MINIMUM 35
14.	AG3770	Abnormal result	Apply normal
15.	AG3771	Abnormal result	Apply normal

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16.	CA3104	Abnormal result Upper value is crossing 100	VALUE adjusted as mention in table 1.
17.	CS3101	MINIMUM PASS 57.61	MINIMUM 35
18.	CS3301	MINIMUM PASS 61.75	MINIMUM 35
19.	CS3304	Abnormal result Upper value is crossing 100	VALUE adjusted as mention in table 2.
20.	CS3305	MINIMUM PASS 60.33	MINIMUM 35
21.	CS3307	MINIMUM PASS 58.71	MINIMUM 35
22.	CS3502	MINIMUM PASS 50.25	MINIMUM 35
23.	CS3504	MINIMUM PASS 62.83	MINIMUM 35
24.	CS3540	MINIMUM PASS 63.14	MINIMUM 35
25.	CS3541	MINIMUM PASS 68.42	MINIMUM 35
26.	CS3546	MINIMUM PASS 72.37	MINIMUM 35
27.	CS3571	Abnormal result Upper value is crossing 100	VALUE adjusted as mention in table 3.
28.	EC3306	MINIMUM PASS 60.42	MINIMUM 35
29.	EG1501	MINIMUM PASS 56.58	MINIMUM 35
30.	EG3102	MINIMUM PASS 58.24	MINIMUM 35
31.	EM3503	MINIMUM PASS 58.53	MINIMUM 35
32.	MA3102	MINIMUM PASS 41.99	MINIMUM 35
33.	PH3101	MINIMUM PASS 46.96	MINIMUM 35
34.	ME3102	MINIMUM PASS 53.27	MINIMUM 35
35.	CA3101	MINIMUM PASS 65.81	MINIMUM 35
36.	CA3102	MINIMUM PASS 60.10	MINIMUM 35
37.	AG3540	MINIMUM PASS 70.39	MINIMUM 35
38.	AG3541	MINIMUM PASS 70.94	MINIMUM 35
39.	AG3542	MINIMUM PASS 62.39	MINIMUM 35
40.	AG3543	MINIMUM PASS 67.19	MINIMUM 35
41.	AG3544	MINIMUM PASS 63.51	MINIMUM 35
42.	AG3545	MINIMUM PASS 70.94	MINIMUM 35
43.	AG3547	MINIMUM PASS 66.20	MINIMUM 35
44.	AG3548	MINIMUM PASS 77.83	MINIMUM 35
45.	CY3205	MINIMUM PASS 68.77	MINIMUM 35
46.	BB3101	MINIMUM PASS 45.82	MINIMUM 35
47.	BB3102	MINIMUM PASS 49.47	MINIMUM 35
48.	BB3105	MINIMUM PASS 58.58	MINIMUM 35
49.	BB3106	MINIMUM PASS 48.40	MINIMUM 35
50.	BB3107	MINIMUM PASS 51.43	MINIMUM 35
51.	CS3340	MINIMUM PASS 76.36	MINIMUM 35
52.	CS3342	MINIMUM PASS 73.49	MINIMUM 35
53.	CS3346	MINIMUM PASS 74.56	MINIMUM 35
54.	CE3101	MINIMUM PASS 58.33	MINIMUM 35

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55.	EC3341	MINIMUM PASS 70.82	MINIMUM 35
56.	CS3371	Abnormal result	Apply normal
57.	PH3140	MINIMUM PASS 50.05	MINIMUM 35
58.	CA3141	MINIMUM PASS 51.25	MINIMUM 35
59.	VP3301	MINIMUM PASS 49.23	MINIMUM 35
60.	VP3501	MINIMUM PASS 69.39	MINIMUM 35
61.	GP3701	Abnormal result	Apply normal
62.	GP1501	Abnormal result	Apply normal
63.	CS3140	MINIMUM PASS 55.99	MINIMUM 35
64.	CA3143	MINIMUM PASS 53.57	MINIMUM 35
65.	EG3140	MINIMUM PASS 54.46	MINIMUM 35
66.	VP3101	MINIMUM PASS 60.45	MINIMUM 35
67.	EG3103	MINIMUM PASS 53.04	MINIMUM 35
68.	PS3101	MINIMUM PASS 42.57	MINIMUM 35

Table 1

Subject Details — Rows : 1

Subject Details

IsOddEven	Exam Conduct Type	SubjectCode	NoofStudent	TotalStudent	Subje	Course	Year/Sem
Odd	Standard Deviation	CA3104	116	116	Ope...	Bachelor of ...	1

Grade Details , Standard Deviation (SD) : 12.51

Lower Range	Lower Range Value	Grade	Upper Range	Upper Range Value	Grade Point
X+1.5*SD	95.00	A+		100.00	10.00
X+1.0*SD	92.73	A	X+1.5*SD	95.00	9.00
X+0.5*SD	88.49	B+	X+1.0*SD	92.73	8.00
X	82.24	B	X+0.5*SD	88.49	7.00
X-0.5*SD	75.98	C+	X	82.24	6.00
X-1.0*SD	69.72	C	X-0.5*SD	75.98	5.00
X-1.5*SD	35.00	D	X-1.0*SD	69.72	4.00
	0.00	F	X-1.5*SD	35.00	0.00

TABLE 2

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𝒞 Subject Details

Subject Details

IsOddEven	Exam Conduct Type	SubjectCode	NoofStudent	TotalStudent	Subje	Course	Year/Sem
▶ Odd	Standard Deviation	CS3304	68	110	Linu...	Bachelor of ...	3
Odd	Standard Deviation	CS3304	40	110	Linu...	Bachelor of ...	3
Odd	Standard Deviation	CS3304	2	110	Linu...	B.Tech + MB...	3

Grade Details , Standard Deviation (SD) : 14.77

Lower Range	Lower Range Value	Grade	Upper Range	Upper Range Value	Grade Point
				100.00	10.00
▶ X+1.5*SD	95.00	A+		95.00	9.00
X+1.0*SD	92.73	A	X+1.5*SD	92.73	8.00
X+0.5*SD	88.29	B+	X+1.0*SD	88.29	7.00
X	80.90	B	X+0.5*SD	80.90	6.00
X-0.5*SD	73.52	C+	X	73.52	5.00
X-1.0*SD	66.13	C	X-0.5*SD	66.13	4.00
X-1.5*SD	35.00	D	X-1.0*SD	35.00	0.00
	0.00	F	X-1.5*SD		

TABLE 3

𝒞 Subject Details

Subject Details

IsOddEven	Exam Conduct Type	SubjectCode	NoofStudent	TotalStudent	Subje	Course	Year/Sem
▶ Odd	Standard Deviation	CS3571	25	133	Inte...	Bachelor of ...	5
Odd	Standard Deviation	CS3571	59	133	Inte...	Bachelor of ...	5
Odd	Standard Deviation	CS3571	49	133	Inte...	Bachelor of ...	5

Grade Details , Standard Deviation (SD) : 4.92

Lower Range	Lower Range Value	Grade	Upper Range	Upper Range Value	Grade Point
				100.00	10.00
▶ X+1.5*SD	95.00	A+		95.00	9.00
X+1.0*SD	92.73	A	X+1.5*SD	92.73	8.00
X+0.5*SD	85.85	B+	X+1.0*SD	85.85	7.00
X	78.97	B	X+0.5*SD	78.97	6.00
X-0.5*SD	72.09	C+	X	72.09	5.00
X-1.0*SD	65.21	C	X-0.5*SD	65.21	4.00
X-1.5*SD	35.00	D	X-1.0*SD	35.00	0.00
	0.00	F	X-1.5*SD	35.00	

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F. The Board considered the case of M Tech CSE students, whose exams could not be conducted in the online mode, so board decided to give them one more chance in the physical mode.

G. The Board then authorized the C.O.E. to declare the results of programs other than M tech CSE after applying the approved moderation.
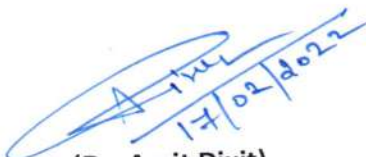
(Dr. Manish Sharma)

Dean – QST

(Dr. B S YADAV)

Dean – QSB

(Dr. Satender Kumar)

Dean Academic

(Dr. Ram Singh)

Sr. Faculty members

(Dr. A. K. Khare)

External Expert

(Dr. Amit Dixit)

C.O.E.

(Dr. Vivek Kumar) 17/02/22

Vice-Chancellor

Vice Chancellor
Quantum University
Roorkee, India

Registrar
Quantum University

Minutes of Meeting

BOARD OF EXAMINATION

A meeting of the B.O.E. was held on 11 JULY 2022 to review and approve the results of the End Semester Examination (ESE) of Even Semesters, Academic Session 2021-2022 of the 2nd 4th, 6th & 8th Semester (1st year, 2nd year, 3rd year, and of 4th year) Programs of Quantum University. All B.O.E members attended the meeting except the Dr. A . K. Khare. Proceedings of the meeting are appended below:

A. The C.O.E. presented the result of the various programs running under the University.

B. The Board observed review the results some of 2nd, 4th, 6th & 8th Semesters

C. C.O.E described in details about two papers in which maximum students were getting less marks.

D. COE explain the reasons of the above problem, as by mistake co-coordinator, has sent the wrong question banks to exam cells.

    i. One paper of 2nd Semester Applied Physics of code PH-1202, whose physical exam was held on 6 June 2022.

E. Board decided that above mention paper PH-102 papers should be moderated. Because of question paper was carrying two units out of syllabus,

F. For the above mention paper code PH-1202, Board found that there are two units (40%) questions were out of syllabus, so board decided to moderate marks of this subject as per the following table 1. (As per the marks)

SNo	Range of marks Obtained (x)	Moderation in the marks
1.	$x \geq 45$	10
2.	$40 \leq x < 45$	12
3.	$35 \leq x < 40$	14
4.	$30 \leq x < 35$	16
5.	$20 \leq x < 30$	18
6.	$10 \leq x < 20$	20

G. For the paper of 2nd semester of applied mathematics-II of code MA1201. Board decided to moderate the paper by giving them 8 marks to each student.

H. The Board observed that in some papers which shows abnormal results, the details of such subjects are mention below and Board advised the correction as per the details mention in the tables :

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I. The Board observed that in all bachelor programs, paper of GP, results was abnormal and maximum students were getting D grade, so board decided to change the minimum criteria as per the table 2.

J. The Board observed that in master program (MBA, M Tech, MCA, BBA+MBA and M Sc N&D), GP marks criteria should be 50 in place of 40, so board advised to provide minimum 50 marks to each students in the master program (MBA, M Tech, MCA, BBA+MBA and M Sc N&D). Details of such program are mention below.

K. The Board also reviewed the results of other subjects of the students and observed a considerable difference in performance.

L. Based on the above, the Board decided that moderation of the ESE marks (after scaling) of these 60 subjects code, in which minimum range was more than 35 so it was settled to 35 (As the minimum pass criteria) was necessary. Accordingly, the Board advised the C.O.E. to apply moderation as given below. Further, the Board authorized the C.O.E. to release the result after moderation:

Details of the Subjects with remarks and BOE decision:

S NO	SUBJECT CODE	No. of Students	REMARKS	BOE Decision
1.	AG3603	105	Minimum marks were more than 35 i.e 48.66	Minimum marks set to 35 in the upper Range Value
2.	AG3606	104	Minimum marks were more than 35 i.e 40.73	Minimum marks set to 35 in the upper Range Value
3.	AG3607	104	Minimum marks were more than 35 i.e	Minimum marks set to 35 in the upper Range Value
4.	AG3608	103	Minimum marks were more than 35 i.e	Minimum marks set to 35 in the upper Range Value
5.	AG3609	104	Minimum marks were more than 35 i.e	Minimum marks set to 35 in the upper Range Value
6.	AG3610	103	Minimum marks were more than 35 i.e	Minimum marks set to 35 in the upper Range Value
7.	AG3611	104	Minimum marks were more than 35 i.e	Minimum marks set to 35 in the upper Range Value
8.	AG3612	103	Minimum marks were more than 35 i.e	Minimum marks set to 35 in the upper Range Value
9.	AG3613	104	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F grade
10.	AG3617	104	Upper range value and lower range value , needs to be change	Minimum marks set to 35 in the upper Range Value as per the table 2
11.	AG3640	104	Grades needs to be	Adjusted the value as per

2

			moderated	the table no 3
12.	AG3641	105	Grades needs to be moderated	Adjusted the value as per the table no 3
13.	AG3643	103	Grades needs to be moderated	Adjusted the value as per the table no 4
14.	AG3644	103	Grades needs to be moderated	Adjusted the value as per the table no 4
15.	AG3645	103	Grades needs to be moderated	Adjusted the value as per the table no 3
16.	AG3646	103	Grades needs to be moderated	Adjusted the value as per the table no 3
17.	AG3647	105	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
18.	AG3648	102	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
19.	AG3649	103	Grades needs to be moderated	Adjusted the value as per the table no 3
20.	AG3652	105	Grades needs to be moderated	Adjusted the value as per the table no 3
21.	BB3202	113	Grades needs to be moderated since upper value of A+ is less than 75 and lower range of F grade is above 35	Adjusted the value as per the table no 6
22.	BB3204	104	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
23.	BB3602	101	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
24.	CA3202/CA3205	110	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
25.	CA3203/CA3206	106	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
26.	CA3204	103	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
27.	CA3242	109	Grades needs to be moderated	Adjusted the value as per the table no 3
28.	CA3243	104	Grades needs to be moderated	Adjusted the value as per the table no 3
29.	CA3244	108	Grades needs to be moderated	Adjusted the value as per the table no 3
30.	CE3101	265	Minimum marks were more than 35 i.e	Minimum marks set to 35 in the upper Range Value

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			in F grade	of F Grade
31.	CS3031	101	Grades needs to be moderated	Adjusted the value as per the table no 3
32.	CS3035	127	Grades needs to be moderated	Adjusted the value as per the table no 3
33.	CS3203	179	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
34.	CS3204	181	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
35.	CS3205	178	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
36.	CS3206	179	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
37.	CS3242	177	Grades needs to be moderated	Adjusted the value as per the table no 3
38.	CS3243	179	Grades needs to be moderated	Adjusted the value as per the table no 3
39.	CS3244	176	Grades needs to be moderated	Adjusted the value as per the table no 3
40.	CS3401	100	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
41.	CS3402	104	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
42.	CS3403	139	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
43.	CS3404	141	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
44.	CS3440	147	Grades needs to be moderated	Adjusted the value as per the table no 3
45.	CS3441	102	Grades needs to be moderated	Adjusted the value as per the table no 3
46.	CS3442	109	Grades needs to be moderated	Adjusted the value as per the table no 3
47.	CS3446	142	Grades needs to be moderated	Adjusted the value as per the table no 3
48.	CS3604	129	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
49.	CS3641	134	Grades needs to be moderated	Adjusted the value as per the table no 3
50.	CS3642	134	Grades needs to be moderated	Adjusted the value as per the table no 3

51.	CS3646	130	Grades needs to be moderated	Adjusted the value as per the table no 3
52.	CY3205	327	Grades needs to be moderated since upper value of A+ is less than 75 and lower range of F grade is above 35	Upper value needs to set at 75 and lower range value set to be at 35
53.	GP3201	597	Abnormal Results	Adjusted the value as per the table no 3
54.	GP3401	463	Abnormal Results	Adjusted the value as per the table no 7
55.	GP3601	410	Abnormal Results	Adjusted the value as per the table no 7
56.	JM3015	111	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
57.	PS3101	178	Minimum marks were more than 35 i.e in F grade	Minimum marks set to 35 in the upper Range Value of F Grade
58.	VP3201	486	Grades needs to be moderated	Adjusted the value as per the table no 4
59.	VP3401	395	Abnormal Results	Adjusted the value as per the table no 3
60.	VP3601	433	Grades needs to be moderated	Adjusted the value as per the table no 3
61.	AG 3870	156	Maximum students were in lower grade so needs to be moderated	Adjusted the value as per the table no 5
62.	AG 3871	156	Maximum students were in lower grade so needs to be moderated	Adjusted the value as per the table no 5

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Quantum University
Roorkee, India

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Minutes of Meeting

BOARD OF EXAMINATION

A meeting of the B.O.E was held on 10.02.2023 to review and approve the results of the End Semester Examination (ESE) of Odd semester- Academic Session 2022-23 of the various programs of Quantum University. All B.O.E members attended the meeting except external expert Dr.A.K.Khare. Proceedings of the meeting are appended below:

A. The C.O.E presented the result of the various programs running under the University.

B. The Board reviewed the results of 1st, 3rd,5th,7th,9th semesters of various programs of the university.

C. COE informed the board that In the course CA3303-Digital logic Fundamental for BCA II year, 2 questions in question V were reported to be out of syllabus and upon enquiries by the team it was found to be due to question bank confusions(old and new). Team comprised of members Dean Academic-Dr Satender Kumar, BCA department program officer- Mr Ankur Rana and subject expert-Dr Chandani Sharma. Team recommended 10 marks to be awarded as grace to all the students which was approved by Hon'ble Vice chancellor sir. B.O.E empowers the COE to carry out the moderations in the above said course to all the concerned students. B.O.E also asked COE to take countermeasures to avoid such incidents in future.

D. In BMLT First year program course Environmental studies taught by Civil department, course code had been wrongly assigned as CY3105 was changed to CY3205 after Dean Academic approval.

E. The Board observed that in the results some of the courses had variable difference in performance and hence board decided to apply the standard deviation in those courses where the minimum range was more than 35(UG passing criteria) and settled to 35.Board advised C.O.E to apply the moderation in 48 courses as below .Board authorized the C.O.E to release the result after moderation:
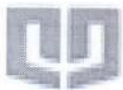
Details of courses with remarks and BOE decision:

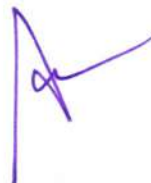| S. No.	Course Code	No.of students	Remarks	BOE Decision
1	BB3101	114	Minimum marks were more than 35 i.e 48.07	Minimum set to 35 in Upper Range Value(URV)
2	BB3102	150	Minimum marks were more than 35 i.e 44.58	Minimum set to 35 in Upper Range Value(URV)
3	BB3105	132	Minimum marks were more than 35 i.e 40.6	Minimum set to 35 in Upper Range Value(URV)
4	BB3106	156	Minimum marks were less than 35 i.e 29.64	Minimum set to 35 in Upper Range Value(URV) and adopt Table 5
5	BB3107	152	Minimum marks were more than 35 i.e 38.13	Minimum set to 35 in Upper Range Value(URV)
6	CA3101	204	Minimum marks were more than 35 i.e 37.35	Minimum set to 35 in Upper Range Value(URV)

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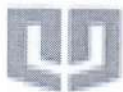|			Minimum marks were more than 35 i.e 35.22	Minimum set to 35 in Upper Range Value(URV)
7	CA3102	192	Minimum marks were more than 35 i.e 35.22	Minimum set to 35 in Upper Range Value(URV)
8	CA3104	201	Minimum marks were more than 35 i.e 40.83	Minimum set to 35 in Upper Range Value(URV)
9	CA3141	196	Minimum marks were more than 35 i.e 63.66	Minimum set to 35 in Upper Range Value(URV)
10	CA3143	201	Minimum marks were more than 35 i.e 64.26	Minimum set to 35 in Upper Range Value(URV)
11	CA3301	101	Minimum marks were more than 35 i.e 43.61	Minimum set to 35 in Upper Range Value(URV)
12	CA3303	103	Minimum marks were less than 35 i.e 30.04	Minimum set to 35 in Upper Range Value(URV) and adopt Table 6
13	CA3304	104	Minimum marks were more than 35 i.e 41.97	Minimum set to 35 in Upper Range Value(URV)
14	CA3340	104	Minimum marks were more than 35 i.e 72.65	Minimum set to 35 in Upper Range Value(URV)
15	CA3341	104	Minimum marks were more than 35 i.e 79.50	Minimum set to 35 in Upper Range Value(URV)
16	CA3342	104	Minimum marks were more than 35 i.e 70.98	Minimum set to 35 in Upper Range Value(URV)
17	CE3102	601	Minimum marks were more than 35 i.e 40.24	Minimum set to 35 in Upper Range Value(URV)
18	CS3034	106	Minimum marks were more than 35 i.e 60.99	Minimum set to 35 in Upper Range Value(URV)
19	CS3103	409	Minimum marks were more than 35 i.e 38.22	Minimum set to 35 in Upper Range Value(URV)
20	CS3140	411	Minimum marks were more than 35 i.e 70.08	Minimum set to 35 in Upper Range Value(URV)
21	CS3301	179	Minimum marks were more than 35 i.e 36.21	Minimum set to 35 in Upper Range Value(URV)
22	CS3304	137	Minimum marks were more than 35 i.e 43.14	Minimum set to 35 in Upper Range Value(URV)
23	CS3305	181	Minimum marks were more than 35 i.e 41.05	Minimum set to 35 in Upper Range Value(URV)
24	CS3307	154	Minimum marks were more than 35 i.e 44.49	Minimum set to 35 in Upper Range Value(URV)
25	CS3340	187	Minimum marks were more than 35 i.e 72.66	Minimum set to 35 in Upper Range Value(URV)
26	CS3342	184	Minimum marks were more than 35 i.e 71.62	Minimum set to 35 in Upper Range Value(URV)
27	CS3343	141	Minimum marks were more than 35 i.e 74.43	Minimum set to 35 in Upper Range Value(URV)
28	CS3346	187	Minimum marks were more than 35 i.e 71.39	Minimum set to 35 in Upper Range Value(URV)
29	CS3371	185	Minimum marks were more than 35 i.e 77.18	Minimum set to 35 in Upper Range Value(URV)
30	CS3502	101	Minimum marks were more than 35 i.e 42.25	Minimum set to 35 in Upper Range Value(URV)

31	CS3504	148	Minimum marks were more than 35 i.e 47.05	Minimum set to 35 in Upper Range Value(URV)
32	CS3505	107	Minimum marks were more than 35 i.e 56.63	Minimum set to 35 in Upper Range Value(URV)
33	CS3540	145	Minimum marks were more than 35 i.e 76.23	Minimum set to 35 in Upper Range Value(URV)
34	CS3541	149	Minimum marks were more than 35 i.e 79.08	Minimum set to 35 in Upper Range Value(URV)
35	CS3546	147	Minimum marks were more than 35 i.e 79.57	Minimum set to 35 in Upper Range Value(URV)
36	CS3571	146	Minimum marks were more than 35 i.e 76.70	Minimum set to 35 in Upper Range Value(URV)
37	CS3701	121	Minimum marks were more than 35 i.e 53.10	Minimum set to 35 in Upper Range Value(URV)
38	CS3702	132	Minimum marks were more than 35 i.e 50.00	Minimum set to 35 in Upper Range Value(URV)
39	CS3703	105	Minimum marks were more than 35 i.e 42.24	Minimum set to 35 in Upper Range Value(URV)
40	CS3740	108	Minimum marks were more than 35 i.e 80.35	Minimum set to 35 in Upper Range Value(URV)
41	CS3742	121	Minimum marks were more than 35 i.e 75.97	Minimum set to 35 in Upper Range Value(URV)
42	CS3746	122	Minimum marks were more than 35 i.e 81.15	Minimum set to 35 in Upper Range Value(URV) and adopt Table 4
43	CS3771	127	Minimum marks were more than 35 i.e 81.07	Minimum set to 35 in Upper Range Value(URV)
44	CY3205	127	Minimum marks were more than 35 i.e 44.29	Minimum set to 35 in Upper Range Value(URV)
45	GP3501	461	Abnormal Results	Minimum set to 35 in Upper Range Value(URV) and adopt Table 2
46	GP3701	197	Abnormal Results	Minimum set to 35 in Upper Range Value(URV) and adopt Table 1
47	GP4101	159	Abnormal Results	Minimum set to 46 in Upper Range Value(URV) and adopt Table 3
48	MA3102	413	Minimum marks were more than 35 i.e 38.89	Minimum set to 35 in Upper Range Value(URV)

(Dr. Manish Sharma)
Dean -QST

(   )
Dean- QSB

(Dr.Satender Kumar)
Dean-Academic

Dr. Amit Dixit
10/02/2023

Vice Chancellor
Quantum University
Roorkee, India

BOARD OF EXAMINATION

Minutes of Meeting

A meeting of the B.O.E was held on 26.06.2023 to review and approve the results of the End Semester Examination (ESE) of Even semester- Academic Session 2022-23 of the various programs of Quantum University. All B.O.E members attended the meeting except external expert Dr.A.K.Khare. Proceedings of the meeting are appended below:

A. The C.O.E presented the result of the various programs running under the University.
B. The Board reviewed the results of 2nd, 4th, 6th, 8th, 10th semesters of various programs of the university.
C. The Board asked to ensure that in normal deviation for PG courses minimum is set as 40 as per the Table 1.
D. The Board observed that in the results some of the courses had variable difference in performance and hence board decided to apply the standard deviation in those courses where the minimum range was more than 35(UG passing criteria) and settled to 35.Board advised C.O.E to apply the moderation in 41 courses as below. Board authorized the C.O.E to release the result after moderation:

Details of courses with remarks and BOE decision:

S. No.	Course Code	No.of students	Remarks	BOE Decision
1	VP3201	806	Minimum marks were more than 35 i.e 56.31	Minimum set to 35 in Upper Range Value(URV)
2	GP3401	580	Minimum marks were more than 35 i.e 47.10	Minimum set to 35 in Upper Range Value(URV)
3	GP3201	1030	Minimum marks were more than 35 i.e 47.83	Minimum set to 35 in Upper Range Value(URV)
4	EC3002	130	Minimum marks were less than 35 i.e 64.44	Minimum set to 35 in Upper Range Value(URV) and adopt Table 5
5	CS3870	133	Minimum marks were more than 35 i.e 55.16	Minimum set to 35 in Upper Range Value(URV)
6	CS3646	137	Minimum marks were more than 35 i.e 72.22	Minimum set to 35 in Upper Range Value(URV)
7	CS3642	126	Minimum marks were more than 35 i.e 65.94	Minimum set to 35 in Upper Range Value(URV)
8	CS3641	143	Minimum marks were more than 35 i.e 72.87	Minimum set to 35 in Upper Range Value(URV)
9	VP3601	162	Minimum marks were more than 35 i.e 68.72	Minimum set to 35 in Upper Range Value(URV)
10	CE3011	151	Minimum marks were more than 35 i.e 47.65	Minimum set to 35 in Upper Range Value(URV)
11	CS3035	107	Minimum marks were less than 35 i.e 61.48	Minimum set to 35 in Upper Range Value(URV) and adopt

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26/06/23
Quantum University
Roorkee, India

Table 6

			Minimum marks were more than	Minimum set to 35 in Upper Range Value(URV)
12	CS3205	365	Minimum marks were more than 35 i.e 56.59	Minimum set to 35 in Upper Range Value(URV)
13	CS3206	403	Minimum marks were more than 35 i.e 48.13	Minimum set to 35 in Upper Range Value(URV)
14	CS3242	406	Minimum marks were more than 35 i.e 67.02	Minimum set to 35 in Upper Range Value(URV)
15	CS3243	104	Minimum marks were more than 35 i.e 74.79	Minimum set to 35 in Upper Range Value(URV)
16	CS3244	374	Minimum marks were more than 35 i.e 75.31	Minimum set to 35 in Upper Range Value(URV)
17	CS3401	143	Minimum marks were more than 35 i.e 31.72	Minimum set to 35 in Upper Range Value(URV)
18	CS3402	142	Minimum marks were more than 35 i.e 51.49	Minimum set to 35 in Upper Range Value(URV)
19	CS3403	161	Minimum marks were more than 35 i.e 44.99	Minimum set to 35 in Upper Range Value(URV)
20	CS3404	180	Minimum marks were more than 35 i.e 41.64	Minimum set to 35 in Upper Range Value(URV)
21	CS3440	173	Minimum marks were more than 35 i.e 77.14	Minimum set to 35 in Upper Range Value(URV)
22	CS3441	137	Minimum marks were more than 35 i.e 69.05	Minimum set to 35 in Upper Range Value(URV)
23	CS3442	142	Minimum marks were more than 35 i.e 74.02	Minimum set to 35 in Upper Range Value(URV)
24	CS3446	167	Minimum marks were more than 35 i.e 80.24	Minimum set to 35 in Upper Range Value(URV)
25	CS3603	106	Minimum marks were more than 35 i.e 55.61	Minimum set to 35 in Upper Range Value(URV)
26	CS3604	139	Minimum marks were more than 35 i.e 56.13	Minimum set to 35 in Upper Range Value(URV)
27	CS3203	409	Minimum marks were more than 35 i.e 48.16	Minimum set to 35 in Upper Range Value(URV)
28	CS3204	397	Minimum marks were more than 35 i.e 52.25	Minimum set to 35 in Upper Range Value(URV)
29	VP3401	462	Minimum marks were more than 35 i.e 65.97	Minimum set to 35 in Upper Range Value(URV)
30	BB3201	109	Minimum marks were more than 35 i.e 51.28	Minimum set to 35 in Upper Range Value(URV)
31	BB3202	126	Minimum marks were more than 35 i.e 41.43	Minimum set to 35 in Upper Range Value(URV)
32	CA3206	181	Minimum marks were more than 35 i.e 40.35	Minimum set to 35 in Upper Range Value(URV)
33	CA3242	188	Minimum marks were more than 35 i.e 71.18	Minimum set to 35 in Upper Range Value(URV)
34	CA3243	188	Minimum marks were more than 35 i.e 66.43	Minimum set to 35 in Upper Range Value(URV)

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35	CA3244	222	Minimum marks were more than 35 i.e 66.66	Minimum set to 35 in Upper Range Value(URV)
36	BB3204	122	Minimum marks were more than 35 i.e 46.65	Minimum set to 35 in Upper Range Value(URV)
37	BB3205	116	Minimum marks were more than 35 i.e 44.41	Minimum set to 35 in Upper Range Value(URV)
38	BB3206	134	Minimum marks were more than 35 i.e 53.10	Minimum set to 35 in Upper Range Value(URV)
39	CA3204	226	Minimum marks were more than 35 i.e 41.06	Minimum set to 35 in Upper Range Value(URV)
40	CA3205	227	Minimum marks were more than 35 i.e 41.94	Minimum set to 35 in Upper Range Value(URV) and adopt Table 4
41	PS3101	368	Minimum marks were more than 35 i.e 54.95	Minimum set to 35 in Upper Range Value(URV)

(Dr. Manish Sharma)
Dean -QST

(Dr Manish Srivastava)
Dean- QSB

(Dr.Satender Kumar)
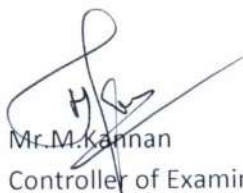Dean-Academics

(Dr Gaurav Aggarwal)
Sr. Faculty Member

(Dr.A.K.Khare)
External Expert

(Dr.Vivek Kumar) 26/06/23
Vice-Chancellor

Vice Chancellor
Quantum University
Roorkee, India

Mr.M.Kannan
Controller of Examination (COE)

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