



The Future is
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Quantum
UNIVERSITY
ROORKEE, INDIA

Ref: QU/IREC/2023/001

Dated: 12 August, 2023

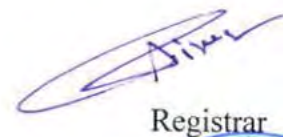
OFFICE ORDER

Competent Authority is pleased to constitute the "Institutional Research Ethical Committee for Research (IREC)" as under:-

Dr. Santosh Kumar Verma, Dean, QSHS	Chairman
Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
Dr. Vipin , Associate Prof. (G.K.V., Haridwar)	External Expert
Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
Dr. Shivani Tyagi, Faculty, QSAS	Convener
Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science	Member
Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
Dr. Himanshu Chaurasiya, Faculty, Deptt. of Pharmacy	Member

Copy to-

1. All the Members of the Committee for information and necessary action
2. Office of Dean Research


Registrar




Registrar
Quantum University



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Quantum
UNIVERSITY
ROORKEE, INDIA

Date: 02/08/2023

To
The Registrar
Quantum University, Roorkee

Subject: The Constitution of the "Institutional Research Ethical Committee (IREC)" for Research

Dear Sir

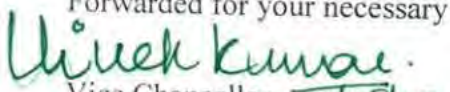
The following members are appointed as member of "Institutional Research Ethical Committee (IREC)" for Research for the period of one year or till further orders.

Dr. Santosh Kumar Verma, Dean, QSHS	Chairman
Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
Dr. Vipin , Associate Prof. (G.K.V., Haridwar)	External Expert
Dr. Kshitiz Agarwal, Principal, Hari College, SRE	External Expert
Dr. Shivani Tyagi, Faculty, QSAS	Convener
Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science	Member
Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
Dr. Himanshu Chaurasia, Faculty, Deptt. of Pharmacy	Member

The purposes of the committee as laid down in the policy for University Research and Advisory Board (URAB) are as follows-

1. To ensure research ethics and plagiarism free submission of research/ Project reports for partial fulfillment of various degrees as per the policy.
2. To ensure and certify ethical (Chemical, Animal, Bio-ethics) clearance for ongoing projects and research work
3. To review the syllabus of Ph.D. Course work and inclusion of research ethics in the Ph.D. Course work

Forwarded for your necessary action in this matter


Vice Chancellor 02/08/23.
Vice Chancellor
Quantum University
Roorkee, India


Registrar
Quantum University

Quantum University, Roorkee

Office of Dean Research

Minutes of Meeting of Institutional Research Ethics Committee

The meeting of Institutional Research Ethics Committee was held on 28th January 2023 at 12:30 PM in the Board Room, Quantum University.

Following members were present in the meeting:

Dr. Santosh Kumar Verma, Dean, QSHS	Chairman
Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
Dr. Vipin , Associate Prof. (G.K.V., Haridwar)	External Expert
Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
Dr. Shivani Tyagi, Faculty, QSAS	Convener
Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science	Member
Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
Dr. Himanshu Chaurasiya, Faculty, Deptt. of Pharmacy	Member

Agenda 1: The following Synopsis of M.Sc. Nutrition and Dietetics have been approved by the Committee for Ethical Clearance after reviewing each Synopsis with remarks as under:

S. No.	Title	Name of Scholar	Supervisor	Remarks
1.	A study on the prevalence of PCOD in 18-25 year's women	Aakanksha	Ms. Saloni Arora	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the student.

The minutes of Institutional Research Ethics Committee dated 28/01/2023Page 1 of 3



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Quantum University

2.	Development of Peanut Paneer and Evaluation of Its Sensory Properties	Sanjenbam Homeshori Devi	Ms. Saloni Arora	The research is on biochemical testing based and no hazard chemical will be used in the testing so no unethical findings observe by the committee. The committee approved the synopsis.
3.	Dietary Habits Associated with Anemia in Young Adult Women	Khushboo	Ms. Nikita Tyagi	The research will be on survey based, the committee approved the synopsis. The ethical clearance has been given to the candidate for this work..
4.	A study on the Assessment of the Nutrition Education and Busting Myths about Diet and Nutrition on Social Media among 18-25 years College Going Nutrition and Non-nutrition Students	Kunal	Dr. Shatakshi	Since the research is based on comparative study and assessment based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
5.	Lifestyle Behaviours and Gender Based Comparisons among College Students at Quantum University, Roorkee: A Cross Sectional Study	Karanam Mehith	Ms. Niharika Vardhan Saxena & Ms. Saloni Arora	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar
6.	A Comparative Survey	Sakshi	Ms. Ishita	Since the data obtained is

The minutes of Institutional Research Ethics Committee dated 28/01/2023Page 2 of 3

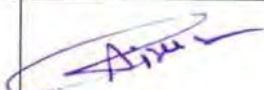



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	Analysis on Food Labels and Nutritional Information Examining Knowledge, Attitude and Practices among Consumers Aged between 18 to 55 years in the Regions of Moradabad and Haridwar	Yadav	Singh	survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
7.	Dietary Evaluation of Type 2 Diabetic Patients (50-60 years Age)	Km. Sheetal	Dr. Anisha Baniwal	Since the data obtained is survey based in diabetic patients, the committee approved the synopsis. The ethical clearance has been given to the scholar.

The NOC will be issued for Final Manuscripts submitted to Examination Department in order to ensure the Academic Integrity and Prevention of Plagiarism.

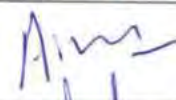
The meeting ended with Vote of thanks.

S. No.	Name & Designation	Signature
1.	Pro. (Dr.) Vivek Kumar, Vice-Chancellor, QU	
2.	Dr. Amit Dixit, Dean Research	
3.	Dr. Santosh Kumar Verma, Dean, QSHS	
4.	Dr. Gaurav Aggarwal, Head, QSAS	
5.	Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	

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Quantum University

6.	Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	
7.	Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	
8.	Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science	
9.	Dr. Shivani Tyagi, Faculty, QSAS	
10.	Dr. A. K. Seth, Faculty, Deptt. of Sciences	
11.	Dr. Himanshu Chaurasiya, Faculty, Deptt. of Pharmacy	


Registrar
Quantum University





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Quantum
UNIVERSITY
ROORKEE, INDIA

Date: 24/01/2023

Notice

Institutional Research Ethical Committee (IREC)

Meeting on 28th January 2023 at 12:30 PM

To,

All the Members

Institutional Research Ethical Committee (IREC)

Quantum University, Roorkee

A meeting of Ethical Committee will be held on 28th January 2023 at 12:30 PM in the Board Room, Quantum University.

You are all requested to make it convenient to attend the same.

Thanks & Regards
Dr. Amit Dixit
Dean Research
Quantum University




Registrar
Quantum University

Date: 20th August 2022

Quantum University, Roorkee

Office of Dean Research

Minutes of Meeting of Institutional Research Ethics Committee

The meeting of Institutional Research Ethics Committee was held on 20th August 2022 at 11:30 AM in the Board Room, Quantum University.

Following members were present in the meeting:

Prof. (Dr.) Vivek Kumar	Vice-Chancellor
Dr. Amit Dixit	Dean Research
Dr. Santosh kumar Verma, Dean, QSHS	Chairman
Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	External Expert
Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
Dr. Shivani Tyagi, Faculty, QSAS	Convener
Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science	Member
Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
Dr. Himanshu Chaurasiya, Faculty, Deptt. of Pharmacy	Member

Agenda 1: The following Thesis of M. Tech. (final year) have been approved by the Committee for Plagiarism check after reviewing each Thesis with remarks as under:

S. No	Topics	Name of Scholar	Supervisor and Co-Supervisor	Similarity (%)	Remarks
1	Parametric Optimization of Diesel Engine Performance Characteristics using Biodiesel Blends	Ravi Kumar Kashyap	Mr. Vivek Kumar Sharma and Mr. M. Kanan	10%	The Plagiarism report is passed in plagiarism check. So the candidate can submit the thesis without any

The minutes of meetings of IREC dated 20th August 2022

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Registrar
Quantum University

					objection to the examination branch.
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Agenda 2: The following Synopsis of M.Sc. Nutrition and Dietetics have been approved by the Committee for Ethical Clearance after reviewing each Synopsis with remarks as under:

S. No.	Title	Name of Scholar	Supervisor	Remarks
1.	Impact of Nutrition Education on Osteoporosis in Post-Menopausal Women's in Old Age Homes	Kumari Bhawna	Ms. Nikita Tyagi	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
2.	Relation Between Diabetes and Obesity in People Among (35-80 Years) of Age in Meerut District	Parshvi Agarwal	Ms. Niharika Vardhan Saxena	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
3.	Malnutrition among School Going Children and Impact of Media Exposure on Diet in Jharkhand	Pinky	Ms. Megha Monga	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
4.	In India, The Prevalence of Thyroid Conditions Among Women of Reproductive Age with the Polycystic Ovarian Syndrome"	Ruchika Gupta	Ms. Sneha Sarkar	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
5.	Nutritional Assessment of Government School Going Children (6th to 8th class) in	Shivani Nigam	Ms. Saloni Arora	Since the data obtained is survey based, the committee



Mawana Area of Meerut district, U.P."			approved the synopsis. The ethical clearance has been given to the scholar.
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Agenda 3: The NOC were issued for Final Manuscripts submitted to Examination Department in order to ensure the Academic Integrity and Prevention of Plagiarism.

The member secretary presented the list of the project and their Plagiarism Report of MBA students on which the NOC is issued.

S. No.	List Of Students Undertaking Field Projects /Research Projects / Internships	Area Of Field Projects /Research Projects / Internships	Plagiarism %
1.	Neha Shri Rudra	Talent Acquisition	5
2.	Shreya Sharma	Overall Practices Of HR	4
3.	Md Mustak	A Study On Sales	10
4.	Khushal Singh	Auditing Of Traveling Allowances	6
5.	Nidhi Singh	Time Office Management	8
6.	Siddhant Singh	Analysis Of Account Controlling Procedure	7
7.	Ananya Jain	Study Of Training And Development	4
8.	Dipti Yadav	A Study On Recruitment And Selection At CHIS	9
9.	Anshika Singhal	Analysis Of Account Controlling Procedure With Hettich India Pvt. Ltd.	10
10.	Deepali Saini	Payroll And Compliance At ITC Ltd.	10
11.	Km Bharantika Pundir	Employee Welfare Measures	11

The minutes of meetings of IREC dated 20th August 2022



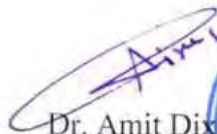
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 Quantum University

12.	Aditya Sharma	Technical Analysis	8
13.	Kiran Panchal	Aroma Beauty Product	6
14.	Paras Jain	Customer Satisfaction	7
15.	Anmol Aggarwal	Comparative Analysis Of Loan Process At Disha India Micro Credit	9
16.	Vikrant Tyagi	A Study Of Customer Satisfaction At Country Holiday Inn & Suites With Special Reference To Physical Evidences	10
17.	Aman Verma	Consumer Buying Behaviour	10
18.	Vipin Kumar	Time Office Management	8
19.	Himanshu Chauhan	A Study On Sales	5
20.	Md Shahbaz	Basics Of Corporate Finance	6
21.	Paras Saini	Recruitment And Selection	7
22.	Uzair Khan	Recruitment And Selection	9
23.	Deepika Sati	Recruitment And Selection Process At Facxo Technologies Pvt. Ltd.	9
24.	Divyanshi Chahuan	Recruitment And Selection	10
25.	Ayush Gupta	Berger Paints Competitors And Strategies To Get Market Share	10

The members after detailed conversation decided that a summary of Research Proposals should be sent to all the members in the agenda of the meeting.

The meeting ended with Vote of thanks.


Dr. Amit Dixit
Dean Research




Dr. Gaurav Agarwal
Member secretary



The minutes of meetings of IREC dated 20th August 2022

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Registrar
Quantum University



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Quantum
UNIVERSITY
ROORKEE, INDIA

Date: 17/08/2022

Notice

Meeting on 20th August 2022 at 11:30 AM

To,

All the Members

Institutional Research Ethical Committee (IREC)

Quantum University, Roorkee

A meeting of Ethical Committee will be held on 20th August 2022 at 11:30 AM in the Board Room, Quantum University.

You are all requested to make it convenient to attend the same.

Thanks & Regards
Dr. Amit Dixit
Dean Research
Quantum University




Registrar
Quantum University



Ref: QU/IREC/2022/001

Dated: 13 August, 2022

OFFICE ORDER

Competent Authority is pleased to constitute the "Institutional Research Ethical Committee for Research (IREC)" as under:-

Dr. Santosh kumar Verma, Dean, QSHS	Chairman
Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	External Expert
Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
Dr. Shivani Tyagi, Faculty, QSAS	Convener
Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science	Member
Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
Dr. Himanshu Chaurasiya, Faculty, Deptt. of Pharmacy	Member


Registrar
Quantum University

Copy forwarded to all the following for information and necessary action:-

1. All the Members of the Committee
2. Office of Dean Research


Registrar
Quantum University



Date: 08th July 2022

To

The Registrar

Quantum University, Roorkee

Subject: The Constitution of the "Institutional Research Ethical Committee (IREC)" for Research

Dear Sir

The following members are appointed as member of "Institutional Research Ethical Committee (IREC)" for Research for the period of one year or till further orders.

Dr. Santosh kumar Verma, Dean, QSHS

Dr. Gaurav Aggarwal, Head, QSAS

Dr. Vipin, Associate Prof. (G.K.V., Haridwar)

Dr. Kshitiz Agarwal, Principal, Hari College, SRE

Dr. Shivani Tyagi, Faculty, QSAS

Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science

Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science

Dr. A. K. Seth, Faculty, Deptt. of Sciences

Dr. Himanshu Chaurasia, Faculty, Deptt. of Pharmacy

Chairman

Member secretary

External Expert

External Expert

Convener

Member

Member

Member

Member

The purposes of the committee as laid down in the policy for University Research and Advisory Board (URAB) are as follows-

1. To ensure research ethics and plagiarism free submission of research/ Project reports for partial fulfillment of various degrees as per the policy.
2. To ensure and certify ethical (Chemical, Animal, Bio-ethics) clearance for ongoing projects and research work
3. To review the syllabus of Ph.D. Course work and inclusion of research ethics in the Ph.D. Course work

Forwarded for your necessary action in this matter

Uinck Kumar
Vice Chancellor 08/07/22
Vice Chancellor
Quantum University
Roorkee, India

[Signature]
Registrar
Quantum University

Quantum University, Roorkee

Office of Dean Research

Minutes of Meeting of Institutional Research Ethics Committee

The meeting of Institutional Research Ethics Committee was held on 11th October 2021 at 02:00 PM in the office of Prof. (Dr.) Vivek Kumar, Vice-Chancellor, Quantum University.

Following members were present in the meeting:

1. Pro. (Dr.) Vivek Kumar, Vice-Chancellor, QU	Chairman
2. Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
3. Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	External Expert
4. Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
5. Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
6. Dr. Shivani Tyagi, Faculty, QSAS	Member
7. Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
8. Mr. Vaibhav Rathi, Faculty, Deptt. of Pharmacy	Member

The following members could not make it to attend due to unavoidable circumstances:

1. Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science **Member**

The Honorable Chairman and the members, after detailed discussion resolved to decide as under:

Agenda 1: The following Thesis of M. Tech. (final year) have been approved by the Committee for Plagiarism check after reviewing each Thesis with remarks as under:

S. No.	Topics	Year	Name of Scholar	Supervisor and Co-	Similarity (%)	Remarks
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The minutes of IREC dated 11th October 2021

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				Supervisor		
1.	CFD Numerical Investigation of Thermal Performance of Diamond Shape Micro Rectangular Heat Exchanger	June 2021	Jaideep	Mr. Pritosh Tomar	6%	The Plagiarism report is passed in plagiarism check. So the candidate can submit the thesis without any objection.
2.	Analysis of Performance of Diesel Engine using Hemp Biodiesel, Butanol and Diesel Fuel Blends	June 2021	Vijay Chauhan	Mr. Harikrishna Nagwan	8%	The Plagiarism report is passed in plagiarism check. So the candidate can submit the thesis without any objection.
3.	Analysis of Performance of Diesel Engine using Calophyllum Oil, Biodiesel-Butanol & Diesel Fuel Blends	June 2021	Anjali Burman	Mr. Harikrishna Nagwan	10%	The Plagiarism report is passed in plagiarism check. So the candidate can submit the thesis without any objection.

Agenda 2: The following Synopsis of M.Sc. Nutrition and Dietetics have been approved by the Committee for Ethical Clearance after reviewing each Synopsis with remarks as under:

S. No.	Topics	Name of Scholar	Supervisor	Remarks
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Registrar
Quantum University

	Impact of Nutritional Intervention on Management of Type 2 Diabetes Mellitus Patients	Afifa Naaz	Ms. Saloni Arora	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
2.	To Assess Protein Energy Malnutrition in Preschool Children of Age Group 2-5 Years in a Rural Population of Kamrup District	Anushmita Medhi	Ms. Renu Bala Sharma	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
3.	Nutritional Interventions of Working Women's	Chetna Chowjar	Ms. Saloni Arora And Ms. Shradha Singh	No unethical findings observe by the committee.
4.	Nutrition During Lockdown and After Lockdown in Women	Km. Ramandeep Kaur	Ms. Saloni Arora And Ms. Shradha Singh	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
5.	Assessment of Growth and Nutritional Deficiency for School Children Aged 2-5 Years	Km. Noureen	Ms. Nikita Tyagi	No unethical findings observe by the committee.
6.	Differences in Snacking Patterns and Health Status among Female Students	Lakshaya Saini	Ms. Saloni Arora	Since the data obtained is survey based, the committee approved the

The minutes of IREC dated 11th October 2021

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Registrar
Quantum University

	Staying with Family and Staying Away from Their Family (Paying Guest/ Hostel) 18-25 Years of Age of Punjab Agricultural University, Ludhiana			synopsis. The ethical clearance has been given to the scholar.
7.	Community Survey to Study the Effect of Cinnamon And Basil Tea on People Suffering from Obesity (20-30 Age Group)	Tridisha Borah	Ms. Saloni Arora	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.
8.	Nutritional Status and Assessment of Male	Urvashi Singh	Ms. Nikita Tyagi	Since the data obtained is survey based, the committee approved the synopsis. The ethical clearance has been given to the scholar.

Agenda 3: The following Synopsis of Ph.D. have been approved by the Committee after reviewing each Synopsis with remarks as under:

S. No.	Topics	Name of Scholar	Supervisor	Remarks
1.	Efficacy of dietary counseling along with nutritious laddoo intervention in management of gestational diabetes.	Sonam Chauhan	Dr. Rajvinder Kaur	Since a value added product is developed which will be useful for the society, the committee approved the synopsis. Ethical findings were observed by the committee, so the candidate is advised to take

The minutes of IREC dated 11th October 2021

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Registrar
Quantum University

				ethical clearance from the workplace also for further work.
2.	Promotion of Healthy Eating Habits among 6-12 Yrs Overweight Children through Implementation of Strategic School Based Program	Saloni Arora	Dr. Rajvinder Kaur	Since the data obtained is survey based, the committee approved the synopsis. Ethical findings were observed by the committee, so the candidate is advised to take ethical clearance from the workplace also for further work.
3.	Study of Nutritional Status and Impact of Dietary Intervention on Anemic Adolescent Girls in Roorkee, Uttarakhand	Nikita Tyagi	Dr. Rajvinder Kaur	Since the data obtained is survey based involving human trial, the committee approved the synopsis. Ethical findings were observed by the committee, so the candidate is advised to take ethical clearance from the supervisor of the schools and medical hospital where the work will be done for further.
4.	To Study the Correlation Between Depression & Nutritional Status of the Patients in Age Group of 25-45 Years in S.M.M.H. Medical College Saharanpur U.P.	Priyanka Sharma	Dr. Praveen Kumar	The research work is survey based involving human trial, the committee approved the synopsis. Ethical findings were observed by the committee, so the candidate is advised to take ethical clearance from the supervisor of medical hospital where the work will be done.
5.	Impact of Nutrition Intervention on Body Composition and Hand Grip Strength During the Treatment of Cancer	Edwina Raj	Dr. Rajvinder Kaur	The research is survey based and involve the cancer patients, the committee approved the synopsis. Ethical findings were observed by the committee, so the candidate is advised to take ethical clearance from the workplace also for further work.
6.	Vegetarian Versus Non-Vegetarian, Which Diet Is More Effective on Outcomes of PCOs	Harmanjeet kaur	Dr. Rajvinder Kaur	Since the data obtained is survey based, the committee approved the synopsis. Ethical findings were observed by the committee, so the candidate is advised to take ethical

The minutes of IREC dated 11th October 2021

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Roorkee

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Quantum University

				clearance from the workplace also for further work.
7.	A Study on The Effect of Vegetarian Diet on Obesity	Shubha Dhyani	Dr. Praveen Kumar	Since the data obtained is survey based, the committee approved the synopsis. Ethical findings were observed by the committee, so the candidate is advised to take ethical clearance from the workplace also for further work.

Agenda 4: The NOC were issued for Final Manuscripts submitted to Examination Department in order to ensure the Academic Integrity and Prevention of Plagiarism.

The Chairman presented the list of the project and their Plagiarism Report on which the NOC is issued.

S. No.	List of students undertaking field projects /research projects / internships	Area of field projects /research projects / internships	Plagiarism %
1	Kamble Ronak Namdev	A Study on Inventory Management in Unik Petal Cold Storage, Navi Mumbai	8
2	Sakshi Saini	Study of Recruitment and selection Process	10
3	Bharat Saini	A Study on Marketing Strategy at Rirupati Balaji, Ludhiana	6
4	Mohit Bansawal	Performance Analysis of Logistics Sector: With Specific Reference to TCI Express Ltd.	6
5	Bhanu Sharma	Sale Strategy and Market Development Plan	4
6	Himanshu Jhunhunwala	A Study of Financial Statement Analysis	6
7	Yogesh Kumar	A Study on Degital marketing and its impact on revenue generation	10

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 Registrar
 Quantum University

8	Danish Qureshi	Digital Marketing Practices at Ennoia Softech Pvt. Ltd, Dehradun	8
9	Shivam Singla	A Study of Implications of Digital Marketing on E-learning in the Context of Shine Projects	5
10	Km. Khushi Jain	Customer-Buying Behaviour in Life Insurance Industry	7
11	Anyaraj	A Study of Financial Analysis	8
12	Km. Pooja Mehra	A Study of Financial Analysis and working experience	5
13	Garima Kumari	Human Resource Practises	8
14	Manish Kumar	Sales & Business Development Program	9
15	Ankita Mukherjee	Analysis of Marketing strategies of Aastha Reality	8
16	Ajay Kumar Goswami	To Study Product Awareness and Its Acceptance by the Costomers for Pure-It.	10

The members after detailed conversation decided that a summary of Research Proposals should be sent to all the members in the agenda of the meeting.

The meeting ended with Vote of thanks.

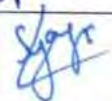
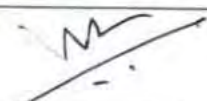


S. No.	Name & Designation	Signature
1.	Pro. (Dr.) Vivek Kumar, Vice-Chancellor, QU <i>Special Invitee</i>	<i>Vivek Kumar</i>
2.	Dr. Amit Dixit, Dean Research	<i>Amit Dixit</i>
3.	Dr. Gaurav Aggarwal, Head, QSAS	<i>Gaurav Aggarwal</i>

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	Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	
5.	Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	
6.	Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	
7.	Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science	
8.	Dr. Shivani Tyagi, Faculty, QSAS	
9.	Dr. A. K. Seth, Faculty, Deptt. of Sciences	
10.	Mr. Vaibhav Rathi, Faculty, Deptt. of Pharmacy	




Registrar
Quantum University







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Quantum
UNIVERSITY
ROORKEE, INDIA

Date: 09/10/2021

Notice

Meeting on 11th October 2021 at 2:00 PM

To,

All the Members

Institutional Research Ethical Committee (IREC)

Quantum University, Roorkee

A meeting of Ethical Committee will be held on 11th October 2021 (Monday) at 2:00 PM in the office of Prof. (Dr.) Vivek Kumar, Vice-Chancellor, Quantum University.

You are all requested to make it convenient to attend the same.

Thanks & Regards
Dr. Amit Dixit
Dean Research
Quantum University




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Quantum University



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ROORKEE, INDIA

Ref: Ref: QU/IREC/2021/001

Dated: 26th August 2021

OFFICE ORDER

The Vice-Chancellor is pleased to reconstitute the "Institutional Research Ethical Committee for Research (IREC)" as under:

- | | |
|--|------------------|
| 1. Pro. (Dr.) Vivek Kumar, Vice-Chancellor, QU | Chairman |
| 2. Dr. Gaurav Aggarwal, Head, QSAS | Member secretary |
| 3. Dr. Vipin, Associate Prof. (G.K.V., Haridwar) | External Expert |
| 4. Dr. Ksitiz Aggarwal, Principal, Hari College, SRE | External Expert |
| 5. Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science | Member |
| 6. Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science | Member |
| 7. Dr. Shivani Tyagi, Faculty, QSAS | Member |
| 8. Dr. A. K. Seth, Faculty, Deptt. of Sciences | Member |
| 9. Mr. Vaibhav Rathi, Faculty, Deptt. of Pharmacy | Member |

Copy to-

1. All the Members of the Committee for information and necessary action as per URAB policy.
2. Office of Dean Research




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ROORKEE, INDIA

Date: 28th July 2021

To

The Registrar

Quantum University, Roorkee

Subject: The Re-constitution of the "Institutional Research Ethical Committee (IREC)" for Research

Dear Sir

The following members are appointed as member of "Institutional Research Ethical Committee (IREC)" for Research for the period of one year or till further orders.

1. Pro. (Dr.) Vivek Kumar, Vice-Chancellor, QU	Chairman
2. Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
3. Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	External Expert
4. Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
5. Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
6. Ms. Dexsha Chandel, Faculty, Deptt. of Para-medical Medical Science	Member
7. Dr. Shivani Tyagi, Faculty, QSAS	Member
8. Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
9. Mr. Vaibhav Rathi, Faculty, Deptt. of Pharmacy	Member

The purposes of the committee as laid down in the policy for University Research and Advisory Board (URAB) are as follows-

1. To ensure research ethics and plagiarism free submission of research/ Project reports for partial fulfillment of various degrees as per the policy.
2. To ensure and certify ethical (Chemical, Animal, Bio-ethics) clearance for ongoing projects and research work
3. To review the syllabus of Ph.D. Course work and inclusion of research ethics in the Ph.D. Course work

Forwarded for your necessary action in this matter.

Vivek Kumar
Vice Chancellor 28/7/21

Vice Chancellor
Quantum University
Roorkee, India

[Signature]
Registrar
Quantum University

Quantum University, Roorkee

Office of Dean Research

Minutes of Meeting of Institutional Research Ethics Committee

The meeting of Institutional Research Ethics Committee was held on 22nd December 2020 at 12:00-1:00 PM in the ONLINE MODE.

The Google Meet Link was

Dec 22, 2020 12pm – 1pm India Standard Time - Kolkata
meet.google.com/syt-bvot-hpn
Join by phone
(US) +1 251-262-9734 (PIN: 520890575)

Following persons attended the meeting:

Following persons attended the meeting:

Dr. Praveen Kumar, Dean, QSIS	Chairman
Dr. Amit Dixit	Dean Research
Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	External Expert
Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
Ms. Yogita Singh, Faculty, Deptt. of Para-medical Medical Science	Member
Dr. Anjay Singh Bisht, Faculty, QSAS	Member
Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
Mr. Vaibhav Rathi, Faculty, Deptt. of Pharmacy	Member

The Honorable Chairman and the members, after detailed discussion resolved to decide as under:

Agenda 1: The following Synopsis of M.Sc. Nutrition and Dietetics have been approved by the Committee for Ethical Clearance after reviewing each Synopsis with remarks as under:

The minutes of IREC dated 22nd December 2020

Page 1 of 5

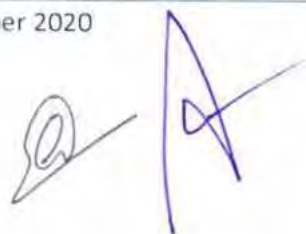
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S. No.	Topics	Name of Scholar	Supervisor	Remarks
1	Impact of Nutritional Intervention on Management of Type 2 Diabetes Mellitus Patients	Alifa Naaz	July, 2021 Ms. Saloni Arora	There is no use of Hazard chemicals and Test on Animals. In case of Human Clinical Trials, The candidate has to submit NOC from Medical Committee of the medical hospitals and from Supervisors before the submission of final Manuscripts. The committee extended its NOC for conducting Diet surveys of children of various schools and Patients of Type 2 Diabetes
	To Assess Protein Energy Malnutrition in Preschool Children of Age Group 2-5 Years in a Rural Population of Kamrup District	Anushmita Medhi	Ms. Renu Bala Sharma	There is no use of Hazard chemicals and Test on Animals. In case of Human Clinical Trials, The candidate has to submit NOC from Medical Committee of the medical hospitals and from Supervisors before the submission of final Manuscripts. The committee extended its NOC for conducting Diet



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				surveys of children of various schools
2	Nutritional Interventions of Working Women's	Chetna Chowjar	Ms. Saloni Arora And Ms. Shradha Singh	No unethical findings observe by the committee.
3	Nutrition During Lockdown and After Lockdown in Women	Km. Ramandeep Kaur	Ms. Saloni Arora And Ms. Shradha Singh	Since the data obtained is survey based, the committee approved the synopsis.
4	Assessment of Growth and Nutritional Deficiency for School Children Aged 2-5 Years	Km. Noureen	Ms. Nikita Tyagi	Since the data obtained is survey based, the committee approved the synopsis.
5	Differences in Snacking Patterns and Health Status among Female Students Staying with Family and Staying Away from Their Family (Paying Guest/ Hostel) 18-25 Years of Age of Punjab	Lakshaya Saini	Ms. Saloni Arora	Since the data obtained is survey based, the committee approved the synopsis.





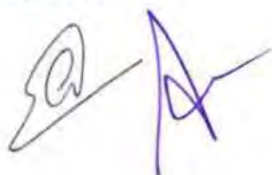
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	Agricultural University, Ludhiana			
6	Community Survey to Study the Effect of Cinnamon And Basil Tea on People Suffering from Obesity (20-30 Age Group)	Tridisha Borah	Ms. Saloni Arora	Since the data obtained is survey based, the committee approved the synopsis.
7	Nutritional Status and Assessment of Male	Urvashi Singh	Ms. Nikita Tyagi	Since the data obtained is survey based, the committee approved the synopsis.

Agenda 2: The NOC were issued for Final Manuscripts submitted to Examination Department in order to ensure the Academic Integrity And Prevention Of Plagiarism.

The Chairman presented the list of the project and their Plagiarism Report on which the NOC is issued

S.No.	List of students undertaking field projects /research projects / internships	Area of field projects /research projects / internships	Plagiarism %
1	RAUNAK SHRIVASTAVA	Study on Credit Control	4

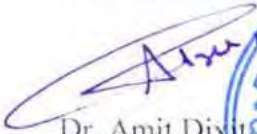



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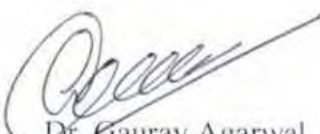
2	DEEPAK BHANDARI	Study on Credit Control Department	7
3	VINEET SITORY	A Comparative study of Cash Management Operations of Makino Automotive Ltd.	9
4	SHRUTI PRIYA	Study of Credit Control	8
5	ILA GUPTA	Study of Credit Control	8
6	AMIT KUMAR	Market Startegy of OM Logistics Ltd.	9
7	BIDISHA BAIDYA	A Study on Advertisement on Sales promotion techniques with reference to fortune marketing pvt. Ltd	7
8	KM RIYA GAUTAM	Impact of Recuritment on the Performance of the organisation	10
9	SAUMAY SHARMA	A Study on induction & orientation (end to end process & effectiveness)	10
10	HIMANI SAINI	Training & Development	10
11	KRISHAN KUMAR	Study of Training & Development	9
12	KALPANA ROHELA	Employee life cycle-impact on employee satisfaction	4
13	SHUBHAM KUMAR	A Study on Advertisement on Sales promotion techniques with reference to fortune marketing pvt. Ltd	4
14	KUMARI RICHA	Study of Recruitment & Selection Process	6

The members appreciated the efforts and insisted to implement the SOP for Plagiarism and Report Submissions. The chairperson assured to draft a one SOP for the same.

The meeting ended with Vote of thanks.


Dr. Amit Dixit
Dean Research




Dr. Gaurav Agarwal
Member secretary





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ROORKEE, INDIA

Date: 11/12/2020

Quantum University, Roorkee

Office of Dean Research

Minutes of Meeting of Institutional Research Ethics Committee

Meeting on 22nd December 2020 at 12:00-1:00 PM

To,

All the Members

Institutional Research Ethical Committee

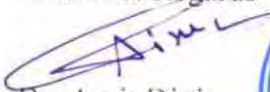
A meeting of Ethical Committee will be held on Dec 22, 2020 12pm – 1pm in the online mode due to COVID-19 protocols as the meeting credential.

Dec 22, 2020 12pm – 1pm India Standard Time - Kolkata
meet.google.com/syt-bvot-hpn
Join by phone
(US) +1 251-262-9734 (PIN: 520890575)

You are requested to compile all data related to following agenda points. You are all requested to make it convenient to attend the same.

Agenda 1: **The review of the NOC for issued related to the manuscript submission of final year reports related to the University Ordinance for Promotion of Academic Integrity And Prevention Of Plagiarism**

Thanks & Regards


Dr. Amit Dixit
Dean Research
Quantum University




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Office of Dean Research

Minutes of Meeting of Institutional Research Ethics Committee

The meeting of Institutional Research Ethics Committee was held on **Tue Sep 1, 2020**
3pm – 4pm in the ONLINE MODE.

Join with Google Meet
meet.google.com/atk-boyu-wvz
Join by phone
(US) +1 484-531-2588 (PIN: 824777335)

Following persons attended the meeting:

1. Dr. Praveen Kumar, Dean, QSHS	Chairman
2. Dr. Amit Dixit	Dean Research
3. Dr. Gaurav Aggarwal, Head, QSAS	Member secretary
4. Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	External Expert
5. Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
6. Ms. Yogita Singh, Faculty, Deptt. of Para-medical Medical Science	Member
7. Dr. Anjay Singh Bisht, Faculty, QSAS	Member

The following members could not attend due to unavoidable circumstances:

1. Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
2. Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
3. Mr. Vaibhav Rathi, Faculty, Deptt. of Pharmacy	Member

The following Agenda Points were discussed:

Agenda 1: The following Thesis of M. Tech. (final year) were discussed in the meeting whose thesis were screened through plagiarism check by the committee members. The No Objection Certificate was given as per the UNIVERSITY ORDINANCE FOR PROMOTION OF ACADEMIC INTEGRITY AND PREVENTION OF PLAGIARISM

The minutes of Institutional Research Ethics Committee dated 01/09/2020


Registrar
Quantum University






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S. No.	Topics	Year	Name of Scholar	Supervisor and Co-Supervisor	Similarity (%)
1.	Analysis of Various Image Segmentation Methods Based on Different Image Parameters	June 2020	Shobhit Prajapati	Mr. Chunnu Lal and Mr. Satender Kumar	8%
2.	Use of Waste Solar Panel in M30 Grade Concrete with Partial Replacement with Fine Aggregate	May 2020	Paras Negi	Er. Karan Babbar	5%
3.	A Study on Compressive and Flexural Strength of Concrete using Steel Scrap Fiber (Mild Steel Waste of Lathe Machine)	June 2020	Nitin Tomar	Er. Amardeep Sharma and Dr. Prabhat Kumar	10%
4.	Maximization of Solar Energy Gain by Optimizing Slope Angle for Photovoltaic Panel	May 2020	Ankur Jain	Mr. Ravi Kumar Goel	13%
5.	Study the Performance Characteristics of CI Engine using different Waste Cooking Oil Biodiesel-Butanol-Diesel Blends	May 2020	Naveen rana	Mr. Harikrishna Nagwan	6%
6.	CFD Investigation of Heat Transfer Enhancement in Heat Exchanger Tube with Different Roughness	May 2020	Surinder	Mr. Pritosh Tomar	4%

The committee approved the reports.

Agenda 2: To discuss the cases of following Ph.D. scholars of Nutrition and Dietetics Department for issue of NOC:

S. No.	Research Scholar	Date & Time
1.	Ms. Sonam Chauhan, QU/ PhD/02	27/08/2020 02:00 PM
2.	Ms. Saloni Arora, QU/ PhD/022	27/08/2020 2:00 PM

1. Ms. Sonam Chauhan: Efficacy of dietary counseling along with nutritious laddoo intervention in management of gestational diabetes.

On examining the request and research work undertaken by presentation mode given by the research scholar as indicated above, it was resolved that ethical approval may be granted as the research scholar has obtained consent of subject parents and recorded the assessment session under her supervisor prior to conduct of research study.

The minutes of Institutional Research Ethics Committee dated 01/09/2020

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2. **Ms. Saloni Arora:** The candidate wanted to perform a study titled **“Promotion of Healthy Eating Habits Among 6-12 Yrs Overweight Children through Implementation of Strategic School Based Program”** on healthy subjects. She is yet to finalize her Ph.D. topic and Synopsis writing is also pending. **It was suggested that it is not required to take Ethical clearance for Research Paper writing and the candidate should reapply for ethical clearance once the topic and synopsis is finalized.**

Agenda 3: The NOC were issued for MBA (Final year) Manuscripts submitted to Examination Department in order to ensure the Academic Integrity and Prevention of Plagiarism.

The Chairman presented the list of the project and their Plagiarism Report on which the NOC is issued.

S. No.	Name of Student	Topic of Dissertation	Name of Supervisor	Similarity %
1.	Amit kumar	Marketing strategies of Amazon	Mr. Ankur Kashyap	10
2.	Ankit Lakra	Ratio analysis of Hindustan Unilever Ltd. (HUL)	Dr. Sachin Chauhan	5
3.	Deepak Bhandari	A study on ratio analysis of Axis bank	Dr. Sachin Chauhan	8
4.	Ila Gupta	Study on risk management in Indian banking industry with reference to case study credit risk management in SBI	Mr. Mahesh Mishra	9
5.	Bidisha Baidya	Customer Perception towards Credits Cards	Dr. Arun Kant Painoli	4
6.	Himani Saini	The impact of employees motivation on organizational effectiveness	Dr. Ram Singh	7
7.	Kalpana Rohela	Employee life cycle-impact on employee satisfaction Everest	Dr. A.k Painoli	6
8.	Kumari Richa	Impact of performance appraisal on employee motivation in sam	Mr Kamal Kant Tyagi	8

The minutes of Institutional Research Ethics Committee dated 01/09/2020

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		manpower & career services LLP		
9.	Krishan Kumar	Training and development conducted in Asahi India glass company	Mr Kamal Kant Tyagi	10
10.	Riya Gautam	A Study on impact of Training and Development activities on Employee performance and Productivity at Amazon, Bangalore	Mr. Mahesh Mishra	8

The meeting ended with a note of thanks to the chair and members.



Dr. Naveen Kumar
Chairman



Dr. Gaurav Aggarwal
Member secretary



Dr. Vipin
External Expert



Dr. Darshika Nigam
Member



Dr. Anjay Singh Bisht
Member



Ms. Yogita Singh
Member




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ROORKEE, INDIA

Date: 25/08/2020

Notice

Institutional Research Ethical Committee (IREC)

Meeting on Tue Sep 1, 2020 3pm - 4pm

To,

All the Members

Institutional Research Ethical Committee (IREC)
Quantum University, Roorkee

A meeting of Academic Review and Ethical Committee will be held on Tue Sep 1, 2020 3pm - 4pm in the online mode.

Join with Google Meet
meet.google.com/atk-boyu-wvz
Join by phone
+1 484-531-2588

You are all requested to make it convenient to attend the same.

Thanks & Regards

Dr. Amit Dixit

Dean Research

Quantum University



Registrar
Quantum University

Minutes of Institutional Research Ethics Committee, Sep 1, 2020



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ROORKEE, INDIA

Growth
Unbound!

Ref: QU/IREC/2020/001

Dated: 03 August, 2020

OFFICE ORDER

The Competent Authority is pleased to constitute the "Institutional Research Ethical Committee (IREC)" for Research as under:-

1. Dr. Praveen Kumar, Dean, QSHS	Chairman
2. Dr. N. Murugalatha, Head, QSAS	Member secretary
3. Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	External Expert
4. Dr. Ksitiz Aggarwal, Principal, Hari College, SRE	External Expert
5. Dr. Darshika Nigam, Faculty, Deptt. of Applied Medical Science	Member
6. Ms. Yogita Singh, Faculty, Deptt. of Para-medical Medical Science	Member
7. Dr. Anoop Badoni, Faculty, QSAS	Member
8. Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
9. Mr. Vaibhav Rathi, Faculty, Deptt. of Pharmacy	Member



Copy to

1. All the Members of the Committee for necessary action as per the URAB Policy
2. Office of Dean Research


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ROORKEE, INDIA

To

The Registrar

Quantum University, Roorkee

Subject: The Constitution of the "Institutional Research Ethical Committee (IREC)" for Research

Dear Sir

The following members are appointed as member of "Institutional Research Ethical Committee (IREC)" for Research for the period of one year or till further orders.

1. Dr. Praveen Kumar, Dean, QSHS	Chairman
2. Dr. N. Murugalatha, Head, QSAS	Member secretary
3. Dr. Vipin, Associate Prof. (G.K.V., Haridwar)	External Expert
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7. Dr. Anoop Badoni, Faculty, QSAS	Member
8. Dr. A. K. Seth, Faculty, Deptt. of Sciences	Member
9. Mr. Vaibhav Rathi, Faculty, Deptt. of Pharmacy	Member

The purposes of the committee as laid down in the policy for University Research and Advisory Board (URAB) are as follows

1. To ensure research ethics and plagiarism free submission of research/ Project reports for partial fulfillment of various degrees as per the policy.
2. To ensure and certify ethical (Chemical, Animal, Bio-ethics) clearance for ongoing projects and research work
3. To review the syllabus of Ph.D. Course work and inclusion of research ethics in the Ph.D. Course work

Forwarded for your necessary action in this matter


Vice Chancellor 18/07/20

Vice Chancellor
Quantum University
Roorkee, India


Registrar
Quantum University