

3.4.1

2. Presence of Institutional Ethics Committees

(Animal, Chemical, Bio-ethics etc.,)

- a. Ethical Committee (2011-2020)
- b. Proceedings of Animal Ethics Committee
- c. CPCSEA Certificat

Galgotias University

Plot No. 2, Yamuna Expressway,
Opposite, Buddha International Circuit,
Sector 17A, Greater Noida,
Uttar Pradesh 203201, India

F-3/GUUP/Planning/University Research Ethics Committee /2011

10.08.2011.

ORDER

**SUBJECT: CONSTITUTION OF UNIVERSITY RESEARCH ETHICS
COMMITTEE**

The Vice Chancellor has constituted the University Research Ethics Committee comprising of the following with immediate effect:

1. Dr. A.K. Jain, Professor of Chemistry - Chairperson
2. Dr. Avadhesh Kumar, Professor of Computer Science, Member
3. Dr. D.K. Jha, Professor of Electrical Engineering
4. Dr. PKS Nain, Professor of Mechanical Engineering - Member Secretary

The tenure of the Members of the Committee shall be three years.



To: All Committee Members

Copy to:

1. Secretary to Chancellor
2. Secretary to Vice Chancellor
3. Pro-Vice Chancellor



F-3/GUUP/Planning/University Research Ethics Committee /2011-14

11.08.2014

ORDER

**SUBJECT: RE-CONSTITUTION OF UNIVERSITY RESEARCH ETHICS
COMMITTEE**

The Vice Chancellor has re-constituted the University Research Ethics Committee comprising of the following with immediate effect:

1. Dr. P.K. Sharma, Professor of Pharmacy, Chairperson
2. Dr. Avadhesh Kumar, Professor of Computer Science, Member
3. Dr. D.K. Jha, Professor of Electrical Engineering
4. Dr. PKS Nain, Professor of Mechanical Engineering - Member
5. Dean School of Law, Member
6. Dean R&D, Member Secretary

The tenure of the Members of the Committee shall be three years.

To: All Committee Members

Copy to:

1. Secretary to Chancellor
2. Secretary to Vice Chancellor
3. Pro-Vice Chancellor



F-3/GUUP/Planning/University Research Ethics Committee /2011-17

12.08.2017

ORDER

**SUBJECT: RE-CONSTITUTION OF UNIVERSITY RESEARCH ETHICS
COMMITTEE**

The Vice Chancellor has re-constituted the University Research Ethics Committee comprising of the following with immediate effect:

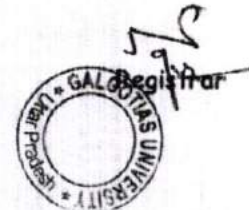
1. Dr. P.K. Sharma, Professor of Pharmacy, Chairperson
2. Dr. A.K. Jain, Professor of Chemistry , Member
3. Dr. Shikha Shrivastav, Professor of Psychology, Member
4. Dr. S. Mythily, Expert of Bio-Chemistry, Member
5. Dr. Avadhesh Kumar, Professor of Computer Science, Member
6. Dean School of Law, Member
7. Dean R&D, Member Secretary

The tenure of the Members of the Committee shall be three years.

To: All Committee Members

Copy to:

1. Secretary to Chancellor
2. Secretary to Vice Chancellor
3. Pro-Vice Chancellor



F-3/GUUP/Planning/University Research Ethics Committee /2011-20

13.08.2020

ORDER

**SUBJECT: RE-CONSTITUTION OF UNIVERSITY RESEARCH ETHICS
COMMITTEE**

The Vice Chancellor has re-constituted the University Research Ethics Committee comprising of the following with immediate effect:

1. Dr. P.K. Sharma, Professor of Pharmacy, Chairperson
2. Dr. A.K. Jain, Professor of Chemistry, Member
3. Dr. Shikha Shrivastav, Professor of Psychology, Member
4. Dr. S. Mythily, Expert of Bio-Chemistry, Member
5. Dr. Avadhesh Kumar, Professor of Computer Science, Member
6. Dean School of Law, Member
7. Dean PG & Ph. D, Member
8. Dr. Meenakshi Sharma, Dean UCRD, Member Secretary

The tenure of the Members of the Committee shall be three years.

To: All Committee Members

Copy to:

1. Secretary to Chancellor
2. Secretary to Vice Chancellor
3. Pro-Vice Chancellor



Minutes of the Meeting of
1st "Institutional Animals Ethics Committee" (IAEC)
Held on 24th January, 2020 in the Institute

Galgotias University

Plot No. 02, Sector-17A, Yamuna Expressway, G.B. Nagar, Greater Noida, Pin-201310
(CPCSEA Registration No. - 2087/PO/ReR&Ei/S/19/CPCSEA)

Meeting of Institutional Animals Ethics Committee was held on 24th January, 2020 at 09:30 AM in the VC office of Galgotias University.

Following members of the IAEC were present:

S. No.	Name	Designation
1.	Prof (Dr.) P. K. Sharma	Chairperson (Biological Scientist)
2.	Dr. Shikha Yadav	Main Nominee (CPCSEA)
3.	Dr. Jagannath Sahoo	Link Nominee (CPCSEA)
4.	Dr. Babita Kumar	Scientist from Outside the Institute (CPCSEA)
5.	Mrs. Smita Srivastava	Socially Aware Nominee Member (CPCSEA)
6.	Mr. Ramji Gupta	Member Secretary cum Scientist In-charge of Animal
7.	Dr. Aditi Tiwari	Veterinarian, Involved in the Care of Animals.
8.	Mr. Mukesh Kumar	Scientist from Different Biological Disciplines.
9.	Dr. Amit Singh	Scientist from Different Biological Disciplines

Points which were discussed in the meeting:

1. Prof P. K. Sharma, Chairperson welcomed all the IAEC members & put forth the objectives of the Institute.
2. The member secretary Mr. Ramji Gupta informed the committee regarding proposal of 12 M. Pharm students, 01 Ph.D. scholar and 02 Commercial projects for the consideration of approval as mentioned below.

Research proposals for M. Pharm. and Ph.D. students:

1 | Page

PKS
AD

Ramji
BS

Aditi

Shikha



S. No.	Topic of Research Proposal	Researcher	Guide	No. of animals approved by IAEC member
1.	Formulation and evaluation of silver nitrate nanoparticles against antidiabetic and wound healing activity.	Geetanjali	Prof. P. K. Sharma	60
2.	Formulation and evaluation of polymeric nanoparticles against arthritis.	Akanksha Sharma	Prof. P. K. Sharma	36
3.	Formulation and evaluation of emulgel for anti-inflammatory activity.	Ritika Gupta	Dr. Amrish Kumar	24
4.	Formulation and evaluation of Ethosomal Gel for Rheumatoid Arthritis.	Alok Debnath	Prof. P. K. Sharma	24
5.	Formulation and evaluation of artesunate loaded PLGA nanoparticles for anti-Malarial activity.	Guru Dayal Yadav	Prof. P. K. Sharma	24
6.	Formulation and evaluation of film forming hydrogel containing Minocycline for wound healing activity.	Ahswani Kumar Singh	Prof. P. K. Sharma	24
7.	Biodegradable Polymer based formulation of <i>Foeniculum vulgare</i> for antianxiety activity	Rizwana Khatoon	Prof. P. K. Sharma	24
8.	Formulation and evaluation of Liposomal Aloe vera extract for inflammatory activity.	Shamsul Huda	Dr. Md. Aftab Alam	24
9.	Aim of present study is to effect of flavonoid loaded niosomes for anti-arthritis activity	Rakesh Kumar Chauhan	Prof. P. K. Sharma	30
10.	Formulation and evaluation of essential oil based microemulsion for Rheumatoid Arthritis	Vishal Tyagi	Prof. P. K. Sharma	24
11.	Graphene based smart platform for combined cancer therapy to overcome drug resistance.	Roopali Jha	Prof. P. K. Sharma	50+65= 115
12.	To evaluate the effect of extract and nanoparticles for anti-inflammatory and wound healing activity	Dharmendra Kumar	Prof. P. K. Sharma	108








Research proposals for commercial projects:

S. No.	Topic of Research Proposal	Researcher	Principal Investigator	No. of animals approved by IAEC member
1.	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	Ramji Gupta	Dr. Amit Singh	96
2.	Single Dose IV/PO pharmacokinetic study of test item compound-I in Balb-C mice.	Ramji Gupta	Dr. Amit Singh	24

- The IAEC committee members discussed in detailed, the proposals mentioned above with students and their PI's.
- It was discussed that name of the students should be included in the list of authorized personnel.
- In some protocols, it was found that the PI's had not kept the induction rate of animal model and negative control groups in mind while deciding sample size. The IAEC members discussed with students and PI and the PI's agreed to submit the revised protocols.
- In protocols where blood collection is required from retro orbital route, the PI's were asked to perform the same under appropriate anesthesia.
- In all protocols involving induction of inflammation/arthritis, CPCSA nominee wanted to know if inflammation would be induced in all paws. The PI's clarified that it would be induced only in one paw. They were asked to prepare detailed score sheets for evaluating level of arthritis and observe the animals at least twice daily for signs of pain, feed and water intake and body weight and document the same so that these records may be seen during review of protocols in next meeting. CPCSEA nominee also asked PI's to consider humane end points to avoid unnecessary suffering in the animals.
- In the commercial project at S. No 2 for PK study in mice, CPCSEA nominee said that the PI has to make sure that they do not take more than 7-10% of the blood volume (200-250 ul) of blood from a single mouse on a single day and plan the study accordingly. As the PI has 4 time points in a day they should not collect more than 50-60 ul of blood from each animal at each time point.



 Ramji Gupta
 Aditi



 Dr. Amit Singh




9. After due deliberations, the committee approved the above mentioned protocols with suggestions that the researcher & PI will take care of all around welfare, nutrition and health issues of experimental animals under close supervision of veterinarian.
10. The committee was informed that the university has also got approval for in house breeding from CPCSEA and therefore would like to seek approval to procure breeders as mentioned below from CPCSEA registered Animal Facilities.

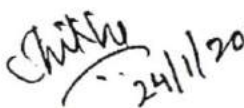
S. No	Animals	Male	Female	Total no. of Animals
1.	Balb c mice	05	15	20
2.	ICR mice	03	06	09
3.	Albino wistar Rat	05	10	15
		Total		44

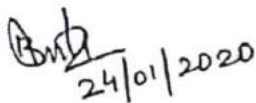
The same was approved by the committee.

11. The member secretary had informed the committee members that last inspection of the facility was done on 20/8/19 so the Committee decided to visit the Animal Facility as per the latest guidelines from CPCSEA. There were no animals in the facility at the time of visit. The facility has been designed well with gowning area, quarantine room, separate rooms to house different animal species, procedure room and store. It was however advised that separate space may be created for sterilization of cages/bottles etc and for their storage. The Committee members saw that CCTV cameras were installed and the member secretary was told to sign certificates fortnightly for no untoward incidence reported once the animals are brought in the facility. The animal house in-charge was also asked to maintain all records required as per the CPCSEA regulations i.e Form B's, Form C, Form D, Daily stock records for breeding as well as experimental animals, sick record, temperature humidity record of all rooms, health record of personnel etc once the animals are brought inside the animal house.

The meeting ended with the vote of thanks made by Member Secretary, Ramji Gupta.


 (Prof. (Dr) P. K. Sharma)
 Chairperson (Biological Scientist)


 (Dr. Shikha Yadav)
 Main Nominee (CPCSEA)


 (Dr. Babita Kumar)
 Scientist from Outside the Institute
 (CPCSEA)



(Dr. Jagannath Sahoo)
Link Nominee (CPCSEA)

(Dr. Aditi Tiwari)
Veterinarian

(Dr. Amit Singh)
Scientist from Different Biological Disciplines

(Mrs. Smita Srivastava)
Socially Aware Member (CPCSEA)

(M. K. Kumar)
Scientist from Different Biological Disciplines

(Ramji Gupta)
Member Secretary cum Scientist
In-charge of Animal





Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying
Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)
New Delhi

CERTIFICATE

This is to certify that the Animal House Facility of Galgotias University, Greater Noida, Uttar Pradesh has been registered with CPCSEA for Research for Education purpose, Research for Commercial purpose and Breeding for in-house use of Small Animals bearing registration number 2087/PO/ReRcBi/S/19/CPCSEA.

The registration is valid for five years from 26.11.2019 to 25.11.2024.


(Dr. S. K. Dutta)

Member Secretary (CPCSEA)

Dr. S. K. DUTTA
Member Secretary
CPCSEA

Min. of Fisheries, Animal Husbandry & Dairying
Deptt. of Animal Husbandry & Dairying