



भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
पशु कल्याण प्रभाग
पशुओं पर परीक्षण के नियंत्रण एवं पर्यवेक्षण के प्रयोजनार्थ समिति (सीपीसीएसईए)
Government of India
Ministry of Environment, Forest and Climate Change
Animal Welfare Division



Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)

F. No. 25/537/2010-AWD

Date: 05/Dec/2018

To,

Ms. S. Kanitha, Chairperson, IAEC
J.J. College of Arts and Science,
J.J. Nagar, Namanasamudram Post,
Pudukkottai- 622 404, Tamil Nadu
Email: kanithaathavan@gmail.com
Mobile: 9976474774

Subject: Renewal of Registration and Reconstitution of Institutional Animals Ethics Committee (IAEC)-regarding

Madam,

The registration of Animal House Facility of your establishment with CPCSEA has been renewed for a period of five years from the date of issue of this letter.

2. The new registration number of Animal House Facility of your establishment is **687/PO/Re/S/02/CPCSEA** for Research for Education purpose on small animals. Henceforth, the new registration number may kindly be quoted in all your future correspondence with this office.

3. The CPCSEA has accepted the following members recommended by the establishment.

Name of the IAEC Members	Designation in IAEC
1) Mr. G. Manigandan	Scientist from different biological discipline
2) Ms. S.Kanitha	Scientist Incharge of Animal House Facility, Chairperson
3) Dr. R. Ramesh	Scientist from different biological discipline
4) Dr. K. Ramakrishnan	Veterinarian
5) Dr. P. Jeevan	Biological Scientist, Member Secretary

4. CPCSEA hereby nominates the following members to the Institutional Animals Ethics Committee (IAEC) of your establishment:

Details of Nominee(s)	Nominated as
1) Dr. P. Rameshkumar Scientist, Central Marine Fisheries Research Institute, Mandapam Regional Centre, Marine Fisheries P.O Mandapam Camp-623 520, Tamil Nadu Contact No :9659384485 Email :prkvvet@rediffmail.com	Main Nominee
2) Dr. K. Arunjunai Rajan Assistant Professor, Department of Zoology, Government Arts College, Melur-625106 Madurai Dist., Tamil Nadu Contact No :09047540097 Email :karunjunai@yahoo.co.in	Link Nominee

Contd.....

5वां तल, वायु ब्लॉक, इंदिरा पर्यावरण भवन, जोर बाग रोड, नई दिल्ली-110003
टेलीफेक्स : 011-24695424 ईमेल : cpcsea-mef@gov.in, वेबसाइट : <http://cpcsea.nic.in>

5th Floor, Vayu Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
Telefax : 011-24695424, Email : cpcsea-mef@gov.in, Website: <http://cpcsea.nic.in>



भारत सरकार
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय
पशु कल्याण प्रभाग
पशुओं पर परीक्षण के नियंत्रण एवं पर्यवेक्षण के प्रयोजनार्थ समिति (सीपीसीएसईए)
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Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)

-2-

3) Dr. Vijayan C. S/o K. Chakarapani, No. 27, Subbu Street, Periyagaram, Ginaee, Villupuram – 604202, Tamil Nadu Contact No : 9159626472 Email :vjync26@gmail.com	Scientist from outside the Institute
4) Dr. B. Shanthi No. 9, North Madavilagam, Thiruvaiyaru – 613204, Thanjavur, Tamil Nadu Contact No :9443181788 Email :b.shanthi@sastra.edu	Socially Aware Nominee

(Please note that any change in IAEC members can be made only with prior approval of CPCSEA.)

5. The IAEC is valid for a period of five years and is coterminous with renewed period of registration. IAEC is required to be reconstituted at the time of renewal of registration as per CPCSEA guidelines.

6. You are requested to convene the meeting of the re-constituted IAEC within a period of 30 days and upload the same on the website of the CPCSEA.

7. It is stated that only above approved IAEC members shall sign, with date, on the attendance sheet of the IAEC meetings, and decisions will be taken only in meetings where quorum is complete. The quorum for holding IAEC meeting is six (6), and CPCSEA Nominees must be present in such meetings. Link Nominee can attend in case main nominee conveys his unavailability in writing to the chairman IAEC. Socially aware member's presence is compulsory in cases referred to CPCSEA and at least in one meeting in a calendar year. Any decision taken in the meetings of IAEC without quorum shall be considered invalid.

8. It is also to inform you that before commencing any research on large animals you are required to send research protocols with due recommendation of IAEC to CPCSEA for further approval (procedure for submission of Research Protocols is available on the website of CPCSEA).

9. Further, it is also to state that no in-house breeding shall be undertaken by the establishment without prior permission from CPCSEA

Yours faithfully,

(Depome Minz)
Deputy Secretary (AW) & Member Secretary (CPCSEA)

Copy for necessary action to: Nominees of CPCSEA.

The Main Nominee is requested to ensure that the IAEC meetings are held regularly as stipulated in the SOP of CPCSEA and submit the Annual Inspection Reports of the Animal House Facility regularly on the Website of CPCSEA.

The Main Nominee is requested to conduct the Inspection of Animal House Facility within a period of 30 days and verify the compliances made by earlier nominee.

5वां तल, वायु ब्लॉक, इंदिरा पर्यावरण भवन, जोर बाग रोड, नई दिल्ली-110003
टेलीफेक्स : 011-24695424 ईमेल : cpcsea-mef@gov.in, वेबसाइट : http://cpcsea.nic.in

5th Floor, Vayu Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003
Telefax : 011-24695424, Email : cpcsea-mef@gov.in, Website: http://cpcsea.nic.in



Government of India
Ministry of Environment, Forest and Climate Change
Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA)
5th Floor, Vayu Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi

CERTIFICATE

This is to certify that the registration of Animal House Facility of J. J. College of Arts and Science, Pudukkotta, Tamil Nadu with CPCSEA has been renewed for Research for Education purpose on Small Animals bearing registration number 687/PO/Re/S/02/CPCSEA.

The registration is valid for five years from 05/12/2018 to 04/12/2023.


(Jerome Minz)

Deputy Secretary (AW) & Member Secretary (CPCSEA)

JEROME MINZ
Member Secretary (CPCSEA)
Min. of Environment, Forest & Climate Change
Government of India
Jor Bagh Road, New Delhi

Minutes of 7th IAEC Meeting

(Minutes of IAEC meetings should be uploaded on the website of CPCSEA within 15 days after conducting the meeting)

Name and address of establishment : J. J College of Arts and Science, Pudukkottai, Tamilnadu.
Registration number of establishment : 687/PO/Re/S/02/CPCSEA
Date and Time of the IAEC Meeting : 23/12/2022; 11.00 a.m.
Venue : Department of Biochemistry, J. J College of Arts and Science, Pudukkottai, Tamilnadu

Minutes of the Meeting:

Item No. 1: As per the agenda of the meeting approval of animals for experimental purpose for 7 proposals were discussed

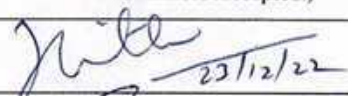
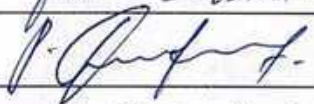
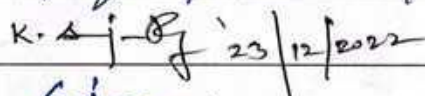
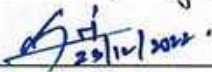
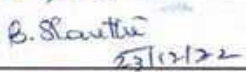
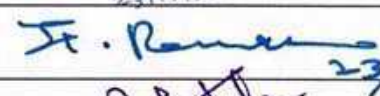
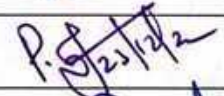
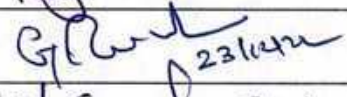
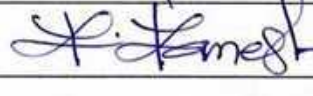
Item No. 2: Animal House facility was inspected by the IAEC Members.

Item No. 3: All the Stock Registers were verified by the IAEC Members.

Decision/Recommendation of IAEC on New Research Protocols:

S. No.	Title of the Protocol	Protocol No.	Species proposed	Total Hosts using capacity for Species proposed	Number of animals proposed	Number of animals recommended by IAEC	Approved/Rejected/Deferred/Any other remark/observation of IAEC
1	Nano-immuno engineered dendrimer-based phase changing material for enhanced sonodynamic and theranostics application against breast cancer	JJC/BC/AH/011/2022	Mice	30	30	30	Approved
2	Self adjuvanting adenoviral nanovaccine for effective T-Cell mediated immunity and long-lasting memory cell activation against tuberculosis	JJC/BC/AH/012/2022	Mice	36	36	36	Approved
3	Nano-immunoengineered influenza virus like particles composed of hemagglutinin mimetic lipopeptide vaccine against pneumonia.	JJC/BC/AH/013/2022	Mice	36	36	24	Approved
4	Lymphatic targeting MXene nanosphere for immuno induction by delivery of TLR agonist and BCG against breast cancer.	JJC/BC/AH/014/2022	Mice	35	35	30	Approved
5	Preparation Characterization and Evaluation of plant and marine based Composites.	JJC/BC/AH/015/2022	Albino Rat	30	30	24	Approved
6	Preparation, Characterization and Evaluation of Modified Biopolymer Composites for Drug Delivery and Wound Healing Application.	JJC/BC/AH/016/2022	Albino Rat	60	60	48	Approved
7	Seaweed Polysaccharide as Potential Intestinal Wound Healing Agent in C57BL/6 Mice	JJC/BC/AH/017/2022	Mice	25	25	25	Approved

Attendance Sheet of the IAEC Members present in the meeting:

S.No.	Name	Designation in IAEC	Signature with Date (The Minutes should be signed with ink. Scanned signature and date shall not be accepted.)
1	Dr.S. Kanitha	Chairperson	 23/12/22
2	Dr. P.Rameshkumar	CPCSEA Main Nominee	 23/12/2022
3	Dr.K.ArunjunaiRajan	CPCSEA Link Nominee	 23/12/2022
4	Dr.C.Vijayan	Scientist (From outside the institution)	 23/12/2022
5	Dr.B.Shanthi	Socially Aware Nominee	 23/12/22
6	Dr.K.Ramakrishnan	Veterinarian	 23/12/22
7	Dr.P.Jeevan	Biological Scientist (Member Secretary)	 23/12/22
8	Dr.G.Manigandan	Scientist (From different Biological discipline)	 23/12/22
9	Dr.R.Ramesh	Scientist (From different Biological discipline)	 23/12/2022

Minutes of 6th IAEC Meeting

Name and address of establishment : J. J College of Arts and Science, Pudukkottai, Tamilnadu
Registration number of establishment : 687/PO/Re/S/02/CPCSEA
Date and Time of the IAEC Meeting : 08/07.2022; 12.00pm
Venue : Online mode through Google meet
 (https://meet.google.com/kde-vksv-frv)

Minutes of the Meeting:

Item No. 1: As per the agenda of the meeting approval of animals for experimental purpose for 4 proposals were discussed

Item No.2: Decision/ Recommendation of IAEC on New Research Protocols:

S.No	Title of the Protocol	Protocol No.	Species proposed	Total Housing capacity for Species proposed	Number of animals proposed	Number of animals recommended by IAEC	Approved/ Rejected/ Deferred/ Any other remark/ observation of IAEC
1.	Antiobesity and antioxidant activity of <i>Gracilaria edulis</i> on high fructose fed male albino rats	JJC/BC/AH/007/2022	Wistar strain Male Albino Rat	60	60	30	Approved
2.	Hypoglycemic, hypolipidemic and antioxidant activities of <i>avicennia marina</i> in streptozotocin induced albino rats	JJC/BC/AH/008/2022	Wistar strain Male Albino Rat	50	50	30	Approved
3.	Hepatoprotective and Antioxidant activity of Manila tamarind (<i>Pithecellobium dulce</i>) fruit pulp extract against Carbon tetra chloride induced hepatotoxicity in adult mice	JJC/BC/AH/009/2022	Wistar strain Male Albino Rat	36	36	36	Approved
4.	The Effect of a Hydrogel and Herbal Ointment Formulations on the Excision and Burn Wound Healing activities in Albino rats	JJC/BC/AH/010/2022	Wistar strain Male Albino Rat	72	72	36	Approved

approval of animals by IAEC-reg

Ramesh kumar <prkvet@gmail.com>

Tue, Jul 12, 2022 at 2:17 PM

To: selvarathinam kanitha <kanithaathavan@gmail.com>

Dear mam, i state to inform you that, the Online IAEC meeting held on 8-7-2022 at 12 pm. There four proposals has been presented.

The experimental design, methods of experiment, study protocols, usage of animals to the respective studies has been seriously discussed. Based on the presenters need for the study and justification, the following animals has been recommended and approved judiciously by IAEC.

S.No.	Title of the Protocol	Protocol No.	Number of animals proposed	Number of animals recommended by IAEC
1	Antiobesity and antioxidant activity of <i>Gracilaria edulis</i> on high fructose fed male albino rats	JJC/BC/AH/007/2022	60	30
2	Hypoglycemic, hypolipidemic and antioxidant activities of <i>avicennia marina</i> in streptozotocin induced albino rats	JJC/BC/AH/008/2022	50	30
3	Hepatoprotective and Antioxidant activity of Manila tamarind (<i>Pithecellobium dulce</i>) fruit pulp extract against Carbon tetra chloride induced hepatotoxicity in adult mice	JJC/BC/AH/009/2022	36	36
4	The Effect of a Hydrogel and Herbal Ointment Formulations on the Excision and Burn Wound Healing activities in Albino rats	JJC/BC/AH/010/2022	72	36

--Thank you.

Dr.P.Rameshkumar MVSc Ph.D ARS (Vet.Pathology)
 Senior Scientist,
 Mandapam Regional Centre of CMFRI
 Indian Council of Agricultural Research,
 (DARE, Ministry of Agriculture & Farmers welfare, Govt. of India)
 Marine Fisheries P.O,
 Ramanathapuram District, Tamil Nadu-623520
 Ph: 04573-241973, Fax: 04573-241502
 Mob: Mobile: 9952385821. web: www.cmfri.org.in
<https://orcid.org/0000-0001-5948-9419>

IAEC meeting minutes

b.shanthi <b.shanthi@sastra.edu>

Wed, Jul 13, 2022 at 10:05 AM

To: kanithaathavan <kanithaathavan@gmail.com>

Dear mam,

I state to inform you that, the Online IAEC meeting held on 8-7-2022 at 12 pm.

There four proposals has been presented.

The experimental design, methods of experiment, study protocols, usage of animals to the respective studies has been seriously discussed. Based on the presenters need for the study and justification, the following animals has been recommended and approved judiciously by IAEC.

S.No.	Title of the Protocol	Protocol No.	Number of animals proposed	Number of animals recommended by IAEC
1	Antiobesity and antioxidant activity of <i>Gracilaria edulis</i> on high fructose fed male albino rats	JJC/BC/AH/007/2022	60	30
2	Hypoglycemic, hypolipidemic and antioxidant activities of <i>avicennia marina</i> in streptozotocin induced albino rats	JJC/BC/AH/008/2022	50	30
3	Hepatoprotective and Antioxidant activity of Manila tamarind (<i>Pithecellobium dulce</i>) fruit pulp extract against Carbon tetra chloride induced hepatotoxicity in adult mice	JJC/BC/AH/009/2022	36	36
4	The Effect of a Hydrogel and Herbal Ointment Formulations on the Excision and Burn Wound Healing activities in Albino rats	JJC/BC/AH/010/2022	72	36

--Thank you.

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Dr.B.SHANTHI
STUDENT COUNSELOR,
LADIES HOSTEL IN-CHARGE

approval of animals by IAEC - reg

vijayan c <vjync26@gmail.com>

Fri, Jul 15, 2022 at 4:27 PM

To: selvarathinam kanitha <kanithaathavan@gmail.com>

Dear mam, I state to inform you that, the Online IAEC meeting held on 8-7-2022 at 12 pm. These four proposals have been presented.

The experimental design, methods of experiment, study protocols, and usage of animals in the respective studies have been seriously discussed. Based on the presenter's need for the study and justification, the following animals have been recommended and approved judiciously by IAEC.

S.No.	Title of the Protocol	Protocol No.	Number of animals proposed	Number of animals recommended by IAEC
1	Antiobesity and antioxidant activity of <i>Gracilaria edulis</i> on high fructose fed male albino rats	JJC/BC/AH/007/2022	60	30
2	Hypoglycemic, hypolipidemic and antioxidant activities of <i>avicennia marina</i> in streptozotocin induced albino rats	JJC/BC/AH/008/2022	50	30
3	Hepatoprotective and Antioxidant activity of Manila tamarind (<i>Pithecellobium dulce</i>) fruit pulp extract against Carbon tetra chloride induced hepatotoxicity in adult mice	JJC/BC/AH/009/2022	36	36
4	The Effect of a Hydrogel and Herbal Ointment Formulations on the Excision and Burn Wound Healing activities in Albino rats	JJC/BC/AH/010/2022	72	36

--Thank you.

Minutes of IAEC Meeting

Dr.P.Jeevan <pjjeevanmicro@gmail.com>

Wed, Jul 13, 2022 at 12:43 PM

To: selvarathinam kanitha <kanithaathavan@gmail.com>

Dear mam,

I state to inform you that, the Online IAEC meeting held on 8-7-2022 at 12 pm. Four proposals has been presented. The experimental design, methods of experiment, study protocols, usage of animals to the respective studies has been seriously discussed. Based on the presenters need for the study and justification, the following animals has been recommended and approved judiciously by IAEC.

S.No.	Title of the Protocol	Protocol No.	Number of animals proposed	Number of animals recommended by IAEC
1	Antiobesity and antioxidant activity of <i>Gracilaria edulis</i> on high fructose fed male albino rats	JJC/BC/AH/007/2022	60	30
2	Hypoglycemic, hypolipidemic and antioxidant activities of <i>avicennia marina</i> in streptozotocin induced albino rats	JJC/BC/AH/008/2022	50	30
3	Hepatoprotective and Antioxidant activity of Manila tamarind (<i>Pithecellobium dulce</i>) fruit pulp extract against Carbon tetra chloride induced hepatotoxicity in adult mice	JJC/BC/AH/009/2022	36	36
4	The Effect of a Hydrogel and Herbal Ointment Formulations on the Excision and Burn Wound Healing activities in Albino rats	JJC/BC/AH/010/2022	72	36

Thanking you.

With Regards

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Dr.P.Jeevan
Co-ordinator and Head
Department of Microbiology
J.J. College of Arts and Science (Autonomous)
Sivapuram Post
Pudukkottai - 622 422

Online IAEC meeting held

Manigandan Krishnan <manijc1978@gmail.com>
To: selvarathinam kanitha <kanithaathavan@gmail.com>

Wed, Jul 13, 2022 at 11:10 PM

Dear mam, i state to inform you that, the Online IAEC meeting held on 8-7-2022 at 12 pm. There four proposals has been presented.

The experimental design, methods of experiment, study protocols, usage of animals to the respective studies has been seriously discussed. Based on the presenters need for the study and justification, the following animals has been recommended and approved judiciously by IAEC.

S.No.	Title of the Protocol	Protocol No.	Number of animals proposed	Number of animals recommended by IAEC
1	Antiobesity and antioxidant activity of <i>Gracilaria edulis</i> on high fructose fed male albino rats	JJC/BC/AH/007/2022	60	30
2	Hypoglycemic, hypolipidemic and antioxidant activities of <i>avicennia marina</i> in streptozotocin induced albino rats	JJC/BC/AH/008/2022	50	30
3	Hepatoprotective and Antioxidant activity of Manila tamarind (<i>Pithecellobium dulce</i>) fruit pulp extract against Carbon tetra chloride induced hepatotoxicity in adult mice	JJC/BC/AH/009/2022	36	36
4	The Effect of a Hydrogel and Herbal Ointment Formulations on the Excision and Burn Wound Healing activities in Albino rats	JJC/BC/AH/010/2022	72	36

—Thank you.

Dr.G.Manigandan
Assistant Professor and Head
Dept of Biotechnology

Approval of animals

rama krishnan <kramki1952@gmail.com>

Fri, Jul 15, 2022 at 11:10 AM

To: Selvarathinam Kanitha <kanithaathavan@gmail.com>

Dear mam, i state to inform you that, the Online IAEC meeting held on 8-7-2022 at 12 pm. There four proposals has been presented.

The experimental design, methods of experiment, study protocols, usage of animals to the respective studies has been seriously discussed. Based on the presenters need for the study and justification, the following animals has been recommended and approved judiciously by IAEC.

S.No.	Title of the Protocol	Protocol No.	Number of animals proposed	Number of animals recommended by IAEC
1	Antiobesity and antioxidant activity of <i>Gracilaria edulis</i> on high fructose fed male albino rats	JJC/BC/AH/007/2022	60	30
2	Hypoglycemic, hypolipidemic and antioxidant activities of <i>avicennia marina</i> in streptozotocin induced albino rats	JJC/BC/AH/008/2022	50	30
3	Hepatoprotective and Antioxidant activity of Manila tamarind (<i>Pithecellobium dulce</i>) fruit pulp extract against Carbon tetrachloride induced hepatotoxicity in adult mice	JJC/BC/AH/009/2022	36	36
4	The Effect of a Hydrogel and Herbal Ointment Formulations on the Excision and Burn Wound Healing activities in Albino rats	JJC/BC/AH/010/2022	72	36

Thanks & Regards

Dr.k.Ramaakrishnan BVSc.,

Registered veterinary practitioner,

Assistant director of animal husbandry (Retd)

Govt of Tamilnadu,

Mobile 9966546589

Approval of Animals by IAEC-reg

RAMAR RAMESH <nanoramesh2016@gmail.com>
To: Selvarathinam Kanitha <kanithaathavan@gmail.com>

Thu, Jul 21, 2022 at 7:56 PM

Dear mam, i state to inform you that, the Online IAEC meeting held on 8-7-2022 at 12 pm. There four proposals has been presented.

The experimental design, methods of experiment, study protocols, usage of animals to the respective studies has been seriously discussed. Based on the presenters need for the study and justification, the following animals has been recommended and approved judiciously by IAEC.

S.No.	Title of the Protocol	Protocol No.	Number of animals proposed	Number of animals recommended by IAEC
1	Antiobesity and antioxidant activity of <i>Gracilaria edulis</i> on high fructose fed male albino rats	JJC/BC/AH/007/2022	60	30
2	Hypoglycemic, hypolipidemic and antioxidant activities of <i>avicennia marina</i> in streptozotocin induced albino rats	JJC/BC/AH/008/2022	50	30
3	Hepatoprotective and Antioxidant activity of Manila tamarind (<i>Pithecellobium dulce</i>) fruit pulp extract against Carbon tetra chloride induced hepatotoxicity in adult mice	JJC/BC/AH/009/2022	36	36
4	The Effect of a Hydrogel and Herbal Ointment Formulations on the Excision and Burn Wound Healing activities in Albino rats	JJC/BC/AH/010/2022	72	36

Thank you Madam

Yours Sincerely
Dr.R.Ramesh

Assistant Professor
Department of Biochemistry
J.J.College of Arts and Science
Pudukkottai-622 422
Tamilnadu, India.

J.J.COLLEGE OF ARTS AND SCIENCE (Autonomous)

(A Silver Jubilee Institution)

(Re-Accredited by NAAC with 'A' Grade)

(Affiliated to Bharathidasan University, Tiruchirappalli)



Date :

Dr. S. Kanitha,
Chairperson, IAEC

Ref :

04.07.2022

To

Dr. P. Ramesh Kumar
Scientist, Central Marine Fisheries Research Institute (CMFRI)
Mandapam Regional Centre
Marine Fisheries P.O
Mandapam Camp-623 520
Tamil Nadu

Dear Sir,

Sub: Institutional Animal Ethics Committee (IAEC) meeting-reg.

....

I am pleased to inform you that the Institutional Animal Ethics Committee (IAEC) meeting has been proposed to be conducted on 8th July, 2022 at 11.00 am through online mode (Google Meet). I shall be happy if you participate in this meeting.

Thanking you,

Yours truly

(S.Kanitha)

Dr. S. KANITHA, M.Sc., M.Phil., Ph.D., SET.,
ASSISTANT PROFESSOR AND HEAD,
DEPARTMENT OF BIOCHEMISTRY,
J.J. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
PUDUKKOTTAI - 622 422.



GPS Map Camera



Google

Pudukkottai, Tamil Nadu, India

Department of biochemistry

Lat 10.521665°

Long 78.765367°

23/12/22 11:45 AM