

**NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE
KALIYAKKAVILAI**



REPORT

DEPARTMENT OF ZOOLOGY

Department of Zoology

Criterion 1 – Curricular Aspects

1.1 Curricular Planning and Implementation

Curricular Planning

- Department of Zoology follows predetermined syllabus set by the Manonmaniam Sundaranar University.
- Curriculum is framed based on Three Years Degree Course.
- To ensure that the University curriculum is followed in the best of the spirit, the college academic calendar is prepared.

Theory Classes:

- Our department prepares the departmental routine for allotment of classes among teachers.
- Academic processes are streamlined, with timetables, workloads and other supporting administrative tasks preplanned well in advance of teaching session.
- Department formulates its own action plan, course plan and also prepares teaching plan, teaching methods and discuss them among its faculty members.
- Preplanned to complete the syllabus within the prescribed time allotted by the university, if it is not possible extra classes will be conducted or the prescribed hours will be adjusted according to the content of the Unit.
- Special classes also planned for slow learners and advanced learners after the class hours.

Practical Classes:

- Each core and Allied subjects are having 2hrs practical classes.
- The practical classes are planned with Dissections, demonstrations, specimens, etc as per the University syllabus.
- We planned to conduct the Internal assessments and Model practical examinations.

Project:

- The final year students have project in the syllabus.

- Weekly 7hrs are allotted for the project.
- Student allocation is done by lot method.
- Project topics are selected by the students and are guided by the respective guides.

Online classes:

- During COVID Lockdown our department planned to conduct online classes.
- Separate time table for the online classes were prepared.
- Online is conducted through Google Classroom and Google meet.
- Online classes includes Live class, material uploading, Links, videos, etc.

Curriculum Delivery

- The curriculum delivery is effectively done through lectures, by supplying study materials.
- Different methodologies viz., ICT classes, lecture method, quiz, group discussion, verbal questions, seminars, demonstrations, subject oriented activities were adapted to make certain difficult topics easier and in this way enable the students to understand the topic easily.
- For making the classes lively and for active participation of students, practical classes are also conducted as per the curriculum with preplanned time table.
- Apart from regular classes, extra classes are taken for enhancing the knowledge of students.
- Apart from these educational tours, field trips, interdisciplinary competitions, national and international seminars are organized by the department where teachers as well as students can take part and present papers.

Documentation:

- All the above activities are recorded in the work diary, which is monitored by The Head of the Department and The principal.
- Attendance registers are maintained for practical as well as theory classes.
- Dissertation copies of the students were stored in the department library.

1.2 Academic calendar including for the conduct of CIE

Academic calendar

- Department along with teachers prepares an academic calendar includes information regarding the commencement of internal exams and Model examination
- In the academic calendar, departmental events (Association meeting, Seminars, Workshops, Exhibitions, Field trips) also mentioned.
- In case of any change in the schedule, the changes are communicated to the students well in advance.

Departmental Continuous Internal Evaluation:

- Course teachers conduct daily Class test, quiz, group discussion, assignments, weekly test, etc to assess the students.
- Our department conducts topic wise test weekly.
- Before the internal assessment our department conducts unit tests also.

Centralized continuous evaluation:

- Internal exam commencement date will be announced before 2 weeks of examination.
- A common time table is prepared by the Internal Exam cell and which is circulated to the students and displayed in the notice board.
- Seating arrangement also prepared by the Internal Exam cell, which also circulated to the students.

1.3 Curriculum Enrichment

Cross cutting issues

- Education is the best platform to bring changes in the society. As per the curriculum Part V namely Environmental Studies, value based education and Personality development deals with the social issues, professional ethics, human values, etc

Professional ethics:

- The course on Personality development is included in the curriculum of the final year students, which is used to develop professionally accepted standards of personal and business behaviour, values and guiding principles of professional ethics.
- It builds the emotional intelligence, socioeconomic responsibility, and to face the life challenges.

Gender equity and Human Values

- The gender equity and Human values is prescribed in the first year syllabus in the course, Value based education with one credit, designed to create awareness on cross cutting issues like gender sensitization, and environment and sustainability.
- These courses train the students to apply analytical thinking in solving issues. Inculcation of values which are the guiding principles of life, be it physical, mental or social well being is addressed by the Value Education course.

Environment and Sustainability

- The course on Environmental Studies is prescribed by UGC. So the university incorporated this into the first year curriculum as part V. It enables a holistic understanding of the environment and develops favourable attitude and habits to protect and preserve nature.
- Eco Club organizes a number of programmes like awareness campaigns, rallies, etc to involve students to work towards environmental sustainability. The constant effort of the NSS team in the Swachh Bharat Mission promotes cleanliness and hygiene in the campus.

Criteria 1

Curriculum

		Fisheries			
IV	Common	Value based education/Social harmony	1	2	2
Sub total			8	30	23
III	I	Language Tamil/Other Language	1	6	4
	II	Language English	1	6	4
	III	Core Cell and Molecular Biology	1	4	4
	III	Major Practical- III Cell and Molecular Biology	1	2	1
	III	Allied-III Cell Biology, Genetics and Bio-Technology	1	4	3
	III	Allied Practical- III Cell Biology, Genetics and Bio-Technology	1	2	1
	IV	Skilled based-core (Any one) 1.Home aquarium 2. Nutrition and Dietetics	1	4	4
IV	Non- Major Elective (Any one) 1. BeeKeeping 2. ClinicalBiology	1	2	2	
	Common YOGA*		2	2	
Sub total			8	30	25
IV	I	Language Tamil/Other Language	1	6	4
	II	Language English	1	6	4
	III	Core Genetics	1	4	4
	III	Major Practical- IV Genetics	1	2	1
	III	Allied-IV Developmental Zoology, Ecology, Animal Physiology and Evolution	1	4	3
	III	Allied Practical- IV Developmental Zoology, Ecology, Animal Physiology and Evolution	1	2	1
	III	Skilled based Biophysics and Bioinstrumentation OR Vermitechnology	1	4	4
	IV	Non- Major Elective (Any one) 1.Public Health and Hygiene 2. Community and Social preventive Medicine.	1	2	2
	V	Extension Activity NCC/NSS/YRC/YW/PE			1

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 Head & Assistant Professor
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 Nanji Catholic College of Arts and Science
 Kaliyakkavilai - 629 153
 Kanyakumari District, Tamilnadu.

Academic Calendar


SEPTEMBER 2019				
Date	Days	Particulars	Working Days	Day Order
1	Sunday			
2	Monday	Ganesh Chaturthi (Holiday)		
3	Tuesday		54	VI
4	Wednesday		55	I
5	Thursday		56	II
6	Friday		57	III
7	Saturday		58	IV
8	Sunday			
9	Monday			
10	Tuesday	Muharram (Holiday)		
11	Wednesday	Onam (Holiday)		
12	Thursday		59	V
13	Friday		60	VI
14	Saturday			
15	Sunday			
16	Monday		61	I
17	Tuesday		62	II
18	Wednesday		63	III
19	Thursday		64	IV
20	Friday		65	V
21	Saturday			
22	Sunday			
23	Monday	III Internal Test Ques. Paper Submission	66	VI
24	Tuesday		67	I
25	Wednesday		68	II
26	Thursday		69	III
27	Friday		70	IV
28	Saturday			
29	Sunday			
30	Monday		71	V

OCTOBER 2019				
Date	Days	Particulars	Working Days	Day Order
			72	VI
1	Tuesday			
2	Wednesday	Gandhi Jayanthi (Holiday)	73	I
3	Thursday		74	II
4	Friday		75	III
5	Saturday			
6	Sunday			
7	Monday	Ayutha Pooja (Holiday)		
8	Tuesday	Vijayadhasami (Holiday)		
9	Wednesday		76	IV
10	Thursday		77	V
11	Friday	Commencement of Internal Tests - III	78	VI
12	Saturday		79	I
13	Sunday			
14	Monday		80	II
15	Tuesday		81	III
16	Wednesday		82	IV
17	Thursday		83	V
18	Friday		84	VI
19	Saturday			
20	Sunday			
21	Monday	UGPG University Practical Exam	85	I
22	Tuesday		86	II
23	Wednesday		87	III
24	Thursday		88	IV
25	Friday		89	V
26	Saturday			
27	Sunday			
28	Monday	Diwali		
29	Tuesday		90	VI
30	Wednesday		91	I
31	Thursday	Last Working Day	92	II

Time table

NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE
DEPARTMENT OF ZOOLOGY
I.B.Sc Zoology - 2020 - 2021 EVEN SEMESTER

	I	II	III	IV	V
I Day	Invertebrata Dr.M.Sini Margret	English	Major II Dr. A. Ajitha Mol Mrs. C. Amutha Rani	Value Based Education Dr. M. Sini Margret Dr. M. Therasita Mary	Tamil
II Day	English	Invertebrata Dr. M. Sini Margret	Allied- Botany Dr. M. Therasita Mary	Major II Dr. A. Ajitha Mol	Tamil
III Day	English	Invertebrata Dr. M. Sini Margret	Value Based Education Dr. A. Ajitha Mol	Allied- Botany Dr. M. Therasita Mary	Tamil
IV Day	Tamil	English	Allied- Botany Dr. M. Therasita Mary	Major - Practical Dr. M. Sini Margret Dr. M. Therasita Mary	
V Day	Major II Mrs. C. Amutha Rani	English	Allied - Practical Dr. M. Sini Margret Dr. M. Therasita Mary		Tamil
VI Day	Tamil	Major II Dr. A. Ajitha Mol	English	Invertebrata Dr. M. Sini Margret	Allied- Botany Dr. M. Therasita Mary


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Work Diary

NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE

Kaliyakkavilai - 629 153, Tamil Nadu



WORK DIARY

Year : 2021 - 2022

Semester : Even

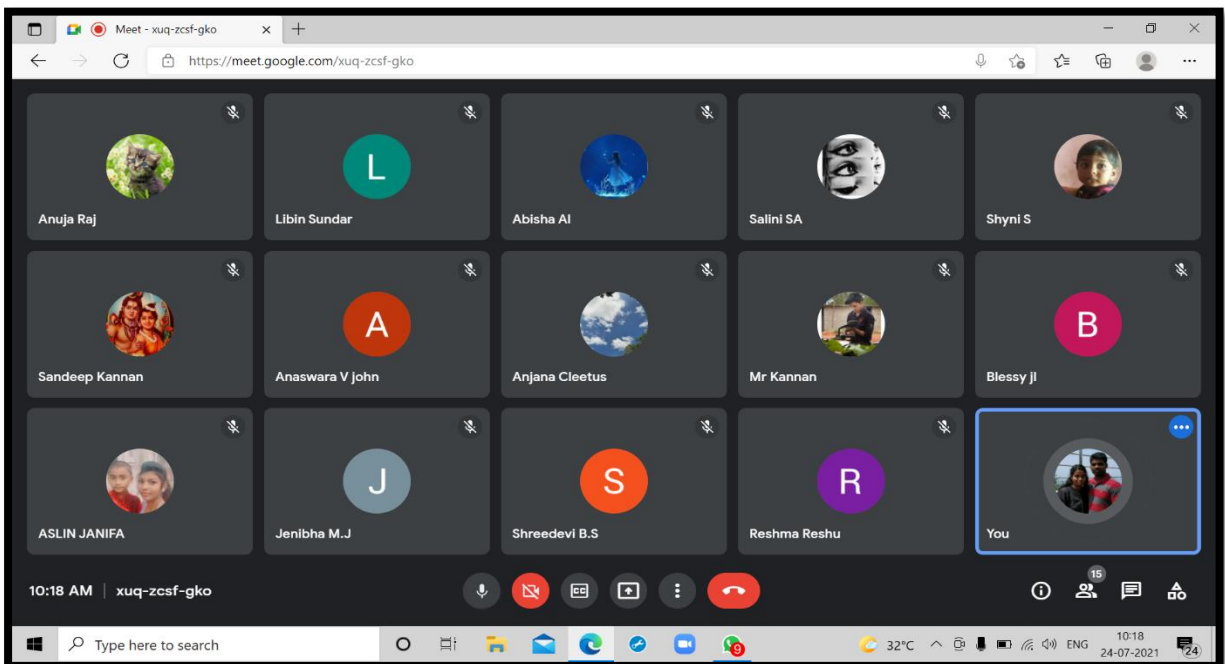
Name of the Teacher : Dr. M. Sini MARGARET

Department : Zoology

Practical Class



Online Class



Criteria 2- Teaching- Learning and Evaluation

Teaching

Our faculties follow various teaching methods such as lecture method, discussion method, practical method, study assignment method, seminars, demonstration method to teach the students.

Categorize the Student Diversity

Based on the bridge course, class test, unit test, quiz, 1st internal examination, the students are categorized into slow learners and Advanced learners.

Special program for Slow learners:

- Remedial classes conducted for slow learners regularly.
- Important questions are provided to the slow learners and supposed them to write during remedial classes.
- Before the model examination university model question papers will be provided to the students.
- The students are allowed to make group study with the advanced learners.
- For the slow learners mentors take special care. Contacting parents, sending SMS- Letters to bring to their notice the performance of their wards.
- By using these method all the slow learners were passed in the year end semester examination.

Special program for Advanced learners

- The advanced learners are given assignments and encouraged to take part in active items like debate, quiz, essay writing, presenting a paper in the seminars.
- They are encouraged to acquire new and advanced information through the internet to bring out their full potential. Their creative abilities through their department magazine and motivate to organise in various programmes conducted in our department. Which enrich their communication and subject skills.
- Advanced learners are instructed to refer the question bank and advanced books.

- Periodically mock test will be conducted to the advanced learners.
- The advanced learners are also motivated for higher goals and are encouraged to appear for various competitive examinations through career guidance, training programmes.
- Every year the advanced learners scored good marks and secured university ranks.

Learning Process

Learning is the process of acquiring new understanding, knowledge, behaviors, skills, values, attitudes, and preferences. We adapted the following method of learning.

Experiential learning

- The teachers of our departments adopt student-centric learning methodologies by focusing on application-based experiments.
- The students are engaged in activity learning viz., field visit and industrial visit,
- laboratory experiments are used for understanding the difficult subjects easily.
- Under group experiential learning system, a group of students are allotted to a faculty member who helps and guides them for project.

Participative learning

- Participative learning is encouraged through seminar presentations, project presentations, practicals, group work, field visit, industrial visits, debates, educational trips, Guest lecture programmes, conducting workshops and conferences etc. by students.
- Students give their views at the end of the lecture.
- Students can ask the question if they have any problem to understand the lecture.

Problem solving

- The important practicals are repeated by the faculties for easy understanding of the students.
- The difficult topics are explained with videos and practicals.

- Demonstration method is used for clear the doubts of the students.

Enhanced learning Outcome

- We achieved 100% result in the practical and internal exams.
- Our students are intellectual in both theory and practical.
- Our students won various competitions like sports, cultural events, etc
- Most of our students are progressed in to higher studies.
- Some of our students are appointed in various organisations.

ICT enabled tools

- ICT tools helps extremely developing in quality education and personality of students by motivating all individuals connected with education.
- For each course the department allots weekly one hour for the ICT classes.
- For the practicals ICT tools are used for the demonstrations as per the convenience of the concerned course teacher.
- Audio-Video tools like Google classroom, Whatsapp, video clips, different online class apps like Google meet, and zoom, etc. are used during COVID Lockdown.
- During COVID Period the webinars and FDPs were conducted only through the ICT tools.

Evaluation Process and Reforms

Mode:

- Internal assessment is communicated with the students well in time.
- Unit tests are conducted regularly as per the schedule given in academic calendar for 20 minute.
- Students are asked to submit assignments of the concerned subject.
- During COVID lockdown online mode is used for unit tests.

Frequency

- For the internal assessment our department conduct daily class tests, unit test.
- Monthly Internal examinations for the theory and practical was conducted in every semester, each semester consists of 3 internal Tests.
- Before the semester exam, students should appear for the model exam both theory and practical.

Transparency:

- The answer sheets are evaluated by the teachers and results are prepared within stipulated time period.
- The evaluated answer sheets are given to the students in classes for on the spot discussion of their performance.
- The teachers discuss the paper in detail with the students and give them tips to attempt the paper in a more effective manner.
- The mark was updated in university Exam-portal and the college automation System. Results of the internal Tests are intimated to the students within a week after the completion of exams consolidated mark was published in final mark statement.

Internal examination related grievances

- After the completion of the examination, the scripts are examined by the teachers of the department and the evaluated answer scripts are shown to the students to maintain the transparency. If there is any grievance with reference to evaluation, it is redressed on the spot.
- And finally, the result is displayed by the departmental Heads within the stipulated time as resolved by the Department.
- Through the College automation System the internal marks are sending to their Parents.

External examination related grievances

- Once the result is published by the university, if the students have any grievance (Reappear, Withheld and low marks) regarding the marks obtained in the end semester final examination, they can apply for rechecking their answer scripts (Recounting and revaluation) as per rules. Thus in this manner, the department tries to maintain the transparency and efficiency.

- If the final semester students failed in one subject are advised to appear the supplementary examination conducted by the University.

Student Performance and Learning Outcomes

Programme outcome

- B.Sc Zoology Programme of our department help the students to understand the animal diversity, ecological relationship of animals, developmental zoology, cell structure, genetic structure of organisms, application of biotechnology, immune response of animals, physical activities of animals and evolution.

year wise programme outcome

year	Number of students appeared in the final year examination	Number of students passed in final year examination	Percentage
2017-2018	44	36	81.8%
2018-2019	39	38	97.4%
2019-2020	18	17	94.4%
2020-2021	33	31	93.3%

During the academic year of 2017-2018 , 44 students are appeared in final year examination among them 36 students were passed. In the year of 2018-2019, 38 have passed. During 2019-2020, 17 students were passed. 31 students were awarded in 2020-2021.

Paper wise Course outcome

During 2017-2020 , the pass percentage of the course invertebrata is about 72%,91.8% and 77% respectively.The course chordata has a pass percentage 74% in 2017-2018, 94.55 in 2018-2019 and 66% during 2019-2020. During 2017-2018,2018-2019,2019-2020,2020 pass

percentage of the following courses such as Developmental zoology (70%, 80%,100%), ecology and toxicology (57%,85%), Cell biology (95%,90.47%, 100%), Nutrition and Dietetics (96%,100%), Genetics (85%,65%,100%), Vermitechnology (98%,95%,100%), Animal physiology(85%,95%,90%) ,AnimalBiotechnology (78%,95%,90%), Sericulture (87%,87%,95%), Apiculture (90%97%95%), Evolution(85%,100%,100%), Immunology and microbiology (97%,95%,100%), Biostatistics (87%,62%,100%) are recorded in our department.

During the academic years 2020-2021, 2021-2022 centum result produced for all courses.

Name of the course	2017-2018	2018-2019	2019-2020	2020-2021	2021-20220
Invertebrata	72%	91.8%	77%	100%	100%
Chordata	74%	94.5%	66%	100%	
Developmental Zoology	70%	80%	100%	100%	100%
Ecology and Toxicology	57%	85%	-	100%	
Cell Biology	95%	90.47%	100%	100%	
Nutrition and Dietetics	96%	81%	100%	100%	
Genetics	85%	65%	100%	100%	
Vermitechnology	98%	95%	100%	100%	
Animal Physiology	85%	95%	90%	100%	100%
Animal Biotechnology	78%	95%	90%	100%	100%
Sericulture	87%	87%	95%	100%	100%
Apiculture	90%	97%	95%	100%	100%
Evolution	85%	100%	100%	100%	
Immunology	97%	95	100%	100%	

and Microbiology					
Biostatistics, Computer Application and bioinformatics	87%	62	100%	100%	
Aquaculture	95%	-	-	-	-

Every year we produce 100% result for practical examinations.

Year wise course outcome (Practical) of our department are listed below

Name of the course	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Invertebrata	100%	100%	100%	100%	100%
Chordata	100%	100%	100%	100%	
Developmental Zoology	100%	100%	100%	100%	
Ecology and Toxicology	100%	100%	100%	100%	
Cell Biology	100%	100%	100%	100%	100%
Genetics	100%	100%	100%	100%	
Animal Physiology	100%	100%	100%	100%	100%
Animal Biotechnology	100%	100%	100%	100%	100%
Elective	100%	100%	100%	100%	100%
Evolution	100%	100%	100%	100%	
Immunology and	100%	100%	100%	100%	

Microbiology					
Biostatistics, Computer Application and bioinformatics	100%	100%	100%	100%	

Achievements

University Rank Details

Academic Year	Number of Ranks
2018-2019	4
2019-2020	3

- During 2018-2019, our students secured 4th,5th,7th and 8th university ranks. In the next academic year we produce three ranks(5th,8th,11th)
- After the completion of course, the students can recognize their own ability to improve in the current trends and practices in biology and status of animals. They will be ready to meet the demand of various competitive examinations and are inculcated the temperament of research on recent development

Evaluation of programme outcomes and course outcomes

- The department's teachers regularly track student feedback related to curriculum objectives and the learning process and make sure that course milestones are effortlessly achieved.
- The results of Internal, Semester end examinations as well as the problems and difficulties faced by the students are discussed and solved by the department.
- Course Outcomes are measured by the department on the basis of performances of the students both in curricular and co curricular activities and also on the basis of the students' performance in the class activities, laboratory work, assignments, in different examinations (Internal and External) and their role in departmental activities.

- Students' performance is noted continuously on their regularity, receptiveness, participation in class discussions and the overall behavior.
- Their performance in the internal examinations provides the initial clue of their learning outcome.
- The semester results were discussed and recorded in the department and take necessary steps to improve their overall outcomes.
- At the end of the every semester the various levels of result (pass percentage, distinction, first class, rank holders etc.) were analysed in the presence of secretary and principal
- All these endeavours ensure that our students emerge as best graduates with adequate knowledge of Zoology

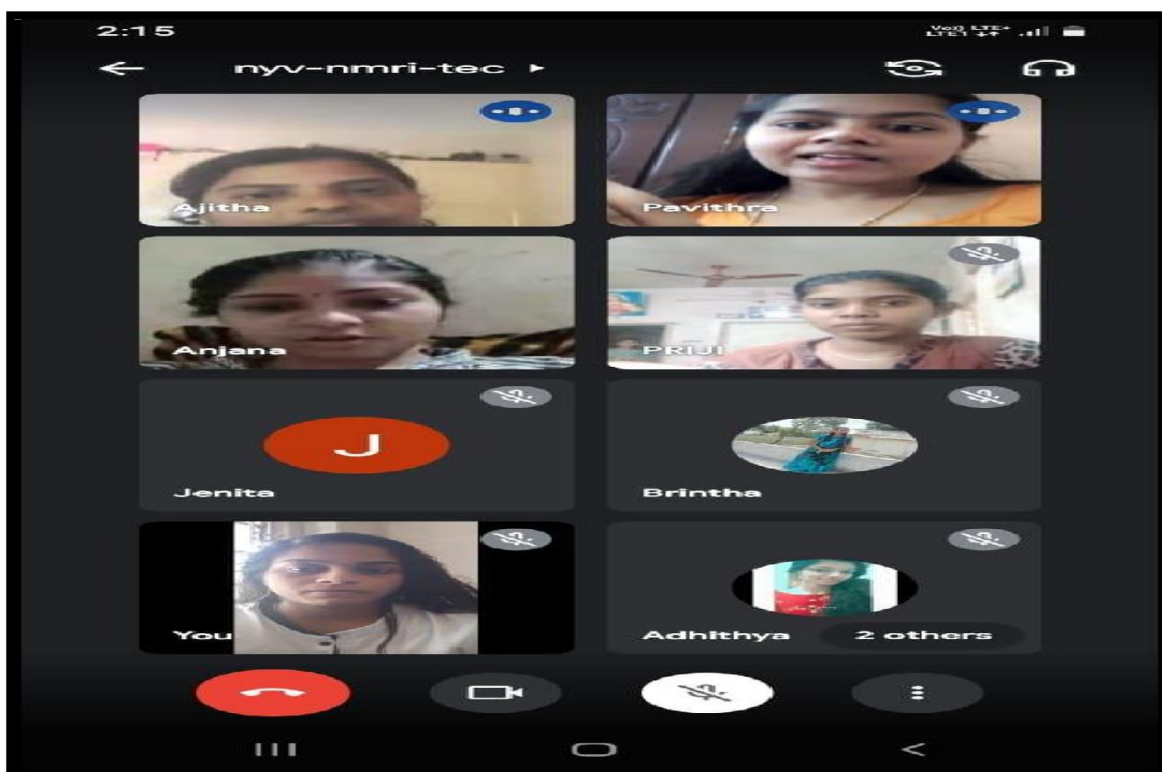
INDUSTRIAL VISIT



QUEST LECTURE



ONLINE CLASSES



FIELD TRIP



SLOW LEARNERS

Remedial for Slow Learners
III Zoology. also of Even.

Sl. No	Name of the Student	7/1/2021	15/1/2021	22/1/2021	29/1/2021	10/2/2021	18/2/2021	25/2/2021	3/3/2021	10/3/2021	17/3/2021
1.	Shanika	/	/	/	/	/	/	/	/	/	/
2.	Athira.M.S	/	/	/	/	/	/	/	/	/	/
3.	Jenita	/	/	/	/	/	/	/	/	/	/
4.	Abisha.S.P	/	/	/	/	/	/	/	/	/	/
5.	Anisha	/	/	/	/	/	/	/	/	/	/
6.	Anantha Dominic	/	/	/	/	/	/	/	/	/	/
7.	Jenisha	/	/	/	/	/	/	/	/	/	/
8.	Abisha.R	/	/	/	/	/	/	/	/	/	/
9.	Asha	/	/	/	/	/	/	/	/	/	/
10.	Sheeja Mol	/	/	/	/	/	/	/	/	/	/
11.	Vinshiya	/	/	/	/	/	/	/	/	/	/
12.	Vijisha.v Raj	/	/	/	/	/	/	/	/	/	/

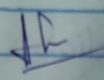

Subject	Handled by	Signature
Evolution	Dr. Theresita Mary	
Immunology	Dr. Amutha Rani	


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 Department of Zoology
 Maril Catholic College of Arts and Science

ADVANCE LEARNER

Advanced Learners Register 29
 Ist Zoology 2020-21 (Even Sem)

Name Of Students	5/1/2021	21/1/2021	29/1/2021	8/2/2021	21/2/2021	14/2/2021	29/2/2021
1. Hafsa Faysath	/	/	/	/	/	/	/
2. Kijam	/	/	/	/	/	/	/
3. Thamiya Allen	/	/	/	/	/	/	/
4. Ashmiya	/	/	/	/	/	/	/
5. Namithana	/	/	/	/	/	/	/
6. Anjama	/	/	/	/	/	/	/
7. Sejin	/	/	/	/	/	/	/

Subject	Handled By	Signature
Development Zoology	Dr. Ajitha mol	
Ecology	Dr. Sini Margaret	

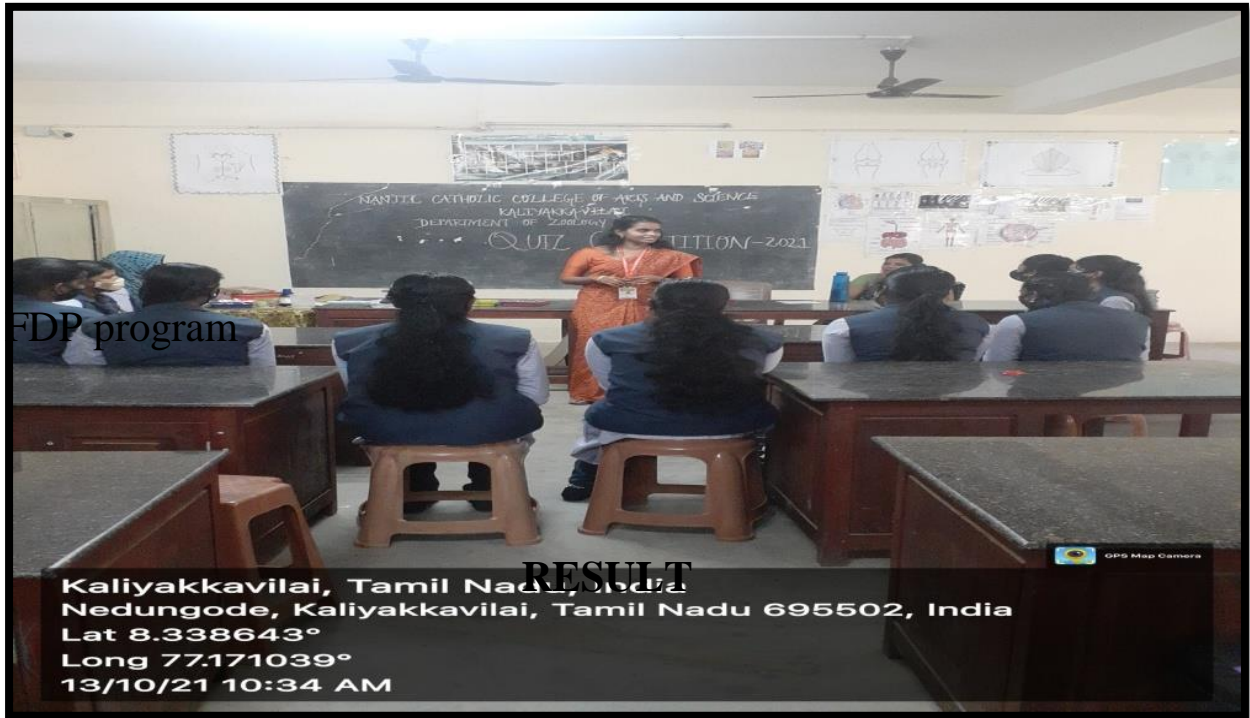
WALL MAGAZINE
 Dr. M. SINT



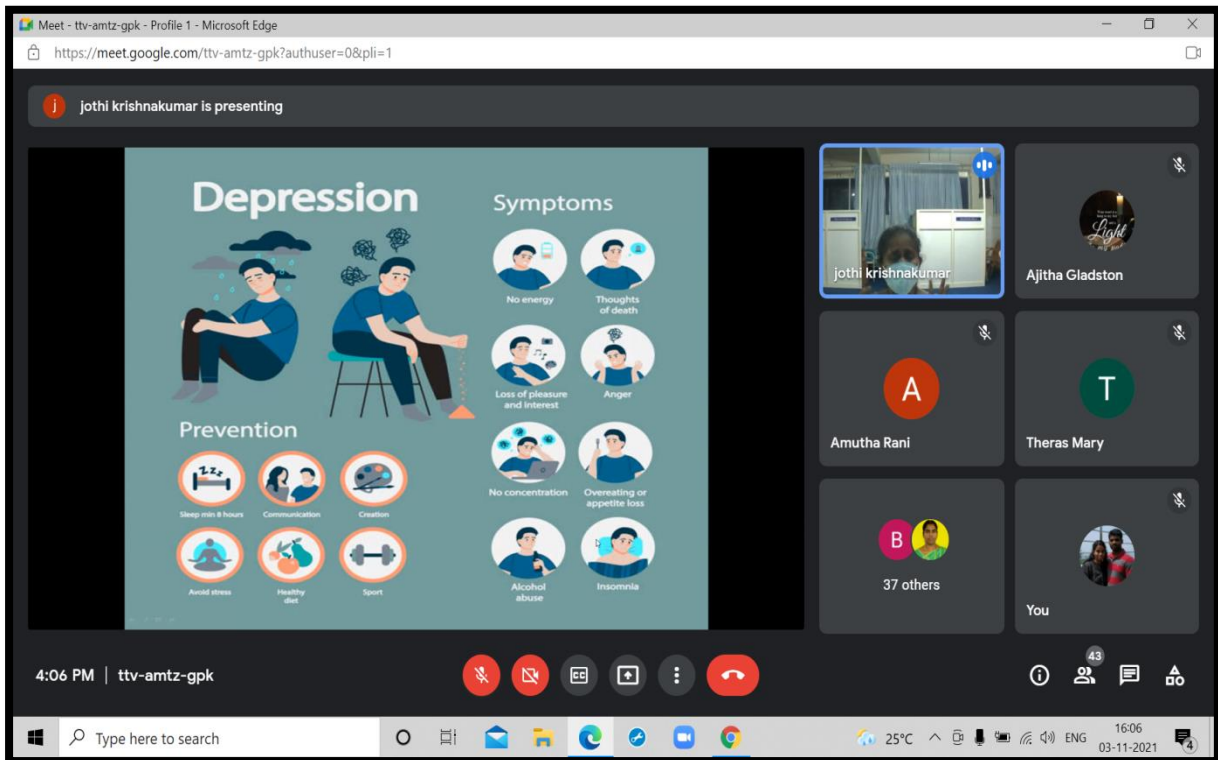
DEBATE



QUIZ PROGRAM



ONLINE FACULTY DEVELOPMENT PROGRAM





MANONMANIAM SUNDARANAR UNIVERSITY TIRUNELVELI - 627012



Result Gally Sheet For NOVEMBER-2021 Examinations

College Code and Name : 310 - NANJIL CATHOLIC COLLEGE OF ARTS & SCIENCE

Degree and Year : UG Second Year Students

Course Code and Name : 06Z - B.Sc. ZOOLOGY

Sub Code	Grade	Result	Sub Code	Grade	Result	Sub Code	Grade	Result	Sub Code	Grade	Result
19 20203101527221 NISHA K J											
AACH11	A+	PASS	ANCH31	O	PASS	A1TL31	A-	PASS	AYOG31	A+	PASS
A2EN31	A	PASS	AMZO31	O	PASS	ASZO32	A	PASS	AACHP1	O	PASS
AMZOP3	O	PASS									

Total Paper(s) : 9

20 20203101527222 NITHIYA MOL A S											
AACH11	A+	PASS	A1TL31	A	PASS	AMZO31	O	PASS	ANCH31	O	PASS
A2EN31	A+	PASS	AYOG31	A+	PASS	ASZO32	A	PASS	AACHP1	O	PASS
AMZOP3	O	PASS									

Total Paper(s) : 9

21 20203101527223 REMYA R											
AACH11	A+	PASS	AMZO31	O	PASS	A1MY31	A	PASS	AYOG31	O	PASS
A2EN31	A	PASS	ANL31	O	PASS	ASZO32	A	PASS	AACHP1	O	PASS
AMZOP3	O	PASS									

Total Paper(s) : 9

22 20203101527224 SOBHA M											
AACH11	A+	PASS	ANCH31	O	PASS	A1TL31	A+	PASS	AYOG31	A	PASS
A2EN31	A	PASS	AMZO31	O	PASS	ASZO32	A+	PASS	AACHP1	A+	PASS
AMZOP3	A+	PASS									

Total Paper(s) : 9

23 20203101527225 SUJITHA S V											
AACH11	A+	PASS	AYOG31	A+	PASS	ANCH31	A	PASS	A1TL31	A	PASS
AMZO31	A+	PASS	A2EN31	A	PASS	ASZO32	A+	PASS	AACHP1	O	PASS
AMZOP3	A	PASS									

Total Paper(s) : 9

24 20203101527227 THANYA ALLEN P S											
AACH11	A+	PASS	A1TL31	A+	PASS	A2EN31	A+	PASS	AMZO31	O	PASS
ANCH31	A	PASS	AYOG31	A+	PASS	ASZO32	A	PASS	AACHP1	O	PASS
AMZOP3	O	PASS									

Total Paper(s) : 9

-- End of the Statement --

Note : O+: Outstanding O: Excellent A+ : Very Good A : Good B+: Above Average
B: Pass RA: Reappear AA: Absent

Dr. A. Suresh

RANK HOLDERS



Arya A S,
B.Sc Zoology
9th Rank



Gopika G. S
B.Sc Zoology
10th Rank



Gopika G.S
B.Sc Zoology,
5th Rank

Criteria 3- Research, Innovations and Extension

Research:

Our department is not a research department, our final year students are having group projects. The students are allotted to the faculties using lottery method. The faculties motivated the students to select a topic related to subject. The guides explained the methodology to the students for collecting the data or sample. The experimental works were carried out in the laboratory. Then the findings were recorded in the dissertation. A copy of dissertation is kept in the department library for further reference. Totally 13 projects were completed on various areas such as, diversity, microbial contamination in water bodies, Dairy Farm, Aquaculture, etc

Innovations:

- Most of the findings were attempted to analyse the diversity of insects, fishes, mammals, birds, etc to assess the environmental stability of the study areas.
- The faecal contamination of water was analysed to maintain the proper sanitation and restoration to improve the environmental health.
- The physicochemical parameters of drinking water were analysed, if it is contaminated a suggestion is given to the concerned panchayat to take effective measure.

Transfer of knowledge

On the basis of the important major findings of various 13 projects were:

- Based on the biodiversity studies our students got the awareness on the conservation of flora and Fauna.
- Our students are attempted to protect the water bodies by prevent the dumping of waste along with the panchayat.
- Our students gained the knowledge to prepare artificial feed for the ornamental fishes.

3.4 Extension Activities

Extension activities in the neighborhood community

The project findings were useful to the neighbourhood villages by conducting various awareness programs like:

- Our department conducted an awareness program on sanitation and personal hygiene to the community workers of Maruthancode Panchayat.
- The department conducted a program on motivation to preserve the water bodies to the students of Abraham Memorial School, Maruthancode.

Holistic development

- In order to maintain the floral diversity, our students are involved in maintaining gardens in their home.
- Most of our students maintaining aquarium in their homes using the feed prepared by them.
- Our students rearing cattle and pet animals.
- Our students convert the waste in to wealth by vermicomposting and using them for home gardening.
- All these activities ensure that our students emerge as good human beings with holistic development.

CRITERIA III
PROJECT REPORTS

**FAMILARIZATION OF EXOTIC BREEDS
OF CATTLE AND INDIGENOUS BREEDS
OF CATTLES IN KERALA**

Project Report
Submitted to

*Manonmaniam Sundaranar university in partial fulfilment of the
requirement for the degree of*

Bachelor of Science in Zoology

Submitted by

ANANTHU DOMINIC	20173101527203
S K RAHEENA	20183101527221
M SHEEJA MOL	20183101527229
D H VINSHIYA	20183101527236

Under the guidance of

Mrs.C.AMUTHARANI,M.Sc.,B.Ed.,M.Phil.,Ph.D.



**DEPARTMENT OF ZOOLOGY
NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE
KALIYAKKAVILA-695 153,**

MARCH-2021

USABILITY TRIAL OF AZOLLA ON
GROWTH PERFORMANCE OF GUPPY

A THESIS

Submitted by

A.B. VISHNU PRIYA

G.J. ATHIRA

S. SHERLY

V. VIDHYA MOL

in partial fulfillment for the award of the degree of
BACHELOR OF SCIENCE



DEPARTMENT OF ZOOLOGY
NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE
MANONMANIAM SUNDARANAR UNIVERSITY
THIRUNEL VELI – 627012
MARCH 2021

EXTENSION ACTIVITY AT MARUTHENCODE
PANCHAYAT



PRACTICAL CLASS FOR SCHOOL STUDENTS



**EXTENSION ACTIVITY AT ABRAHAM MEMORIAL
HIGER SECONDARY SCHOOL , MARUTHENCODE**



Criterion 4 -Infrastructure and Learning Resources

In our department have adequate facilities like well aerated classroom with ICT, restrooms, laboratory with well equipped instruments, good ventilated and spacious department with restroom.

Physical facilities

Classrooms

- The department has spacious, well-ventilated 3 classrooms with electricity facilities, a good number of benches for students, blackboards and other necessary facilities to impart knowledge of students.
- The classrooms with projector for ICT based learning

Department

- The department have well ventilated staff room with electricity and toilet facility.
- Our department possesses a well maintained library with more than 147 books. The books are arranged in rack. The list of reference textbooks stored in desktop. The library books are utilized by our students and faculties for subject related references.
- In front of our department, there is a notice board where students display their notifications, creative writings, attractive paintings which bring forth the hidden talents of the students.
- Additionally our department library have book bank. It consists of 45 books which are useful for students.
- One computer with Internet facility and LAN connection is available in the department.

Laboratory

Facility

- Our department has well equipped science laboratory for Zoology catering to the needs of the students.
- Lab is under the surveillance of CCTV camera.

Usage

- Our lab has sophisticated equipment to provide practical knowledge of the student.
- In our lab, moreover, charts, models, specimens, Compound and Dissection microscopes for examine the cell structure of animals, Autoclave, Incubator, pressure cooker for sterilization process, pH Metre to examine the hydrogen ion concentration, glassware are used to estimate the various water parameters which are helpful for practical learning of students.

Computing equipments

Facility

- One computer with Internet facility and LAN connection is available in the department.

Usage

Computer is used for store the student databases, list of library books, mark entry, project works and references.

Facilities for cultural activities

- The department uses spacious auditorium and seminar hall, with excellent and massive seating capacity.

Usage

- The women's day and college day celebration, 8 students of our department participated in group dance was held in auditorium.
- The majority of our students talented their different activities like dance, singing, drama etc.. was conducted on Fine arts day in seminar hall.
- The celebrations like Onam, pongal, all the students performed well their activities takes place in the college ground. In Christmas celebration, 14 students participated in carol song.
- Programs are planned to impart professional ethics, societal service, environmental protection and patriotism.

Facilities for sports

- The students of our department are active in participating in various sports activities
- The students are encouraged and provided with all necessary facilities to participate in various sports tournaments . They are practice well in large spacious, good atmosphere college ground.

Usage.

- In college sports day competition, 1 student participate in badminton, 2 students in volleyball, 1 student in cricket, 8 students in kho-kho , 1 student in Table Tennis.
- This facilities are being raised to a satisfactory level for the students and to helping the participants to attain all round development primarily from the point of mind and body.
- The students of our department have also participated in college level sports competitions

Yoga

Facility for the theory and practical classes

- Yoga paper as a part VI for the second year students.
- Every year we conduct theory classes in classroom and distribute the notes.
- The practical classes are conducted in the auditorium by physical director.

Usage

- Yoga exercise is practice for our student in auditorium every year with great enthusiasm.
- It provide a safe and healthy atmosphere for students.

Library as a learning Resource

Integrated Library Management System

- Our department has a good library for the reference of students and faculties. All the details of books listed in desktop and maintain entry register.

Details of library books

S.No	Book Name	Author Name	Qty
1	Sericulture	Johnson	5
2	Genetics	Gupta	4
3	Apiculture	Pushpa raj	6
4	Public Health and Hygiene	Sorna Raj	8
5	Ecology Toxicology and Evolution	Arumugam	5
6	Genetics and Genetics Engineering	John Jothi Prakash	7
7	Value based Education - English	Arumugam	4
8	Value based Education - Tamil	Arumugam	4
9	Developmental Zoology Animal Physiology Ecology and Evolution	Arumugam	4
10	Modern UGC NET Life Science	Kumar	1
11	Developmental Zoology	Arumugam	7
12	Principales of genetics and genetic engineering	John Jothi Prakash	2
13	Genetics and Biostatistics	John Jothi Prakash	3
14	Bee Keeping	TharaDevi	1
15	Nutrition &Dietetics		4
16	Animal Diversity, Invertebrata& Chordata	Arumugam	1
17	Cell Biology Genetics and Biotechnology	Arumugam	4
18	Cell Biology	Arumugam	3
19	The Invertebrata & Chordata	Arumugam	2
20	Mycology Lichenology and Plant Pathology	Arumugam	2
21	Animal Physiology and Biochemistry	Arumugam	6
22	Developmental Zoology	Arumugam	7
23	Immunology & Microbiology	Arumugam	6
24	Organic Evolution	Arumugam	2
25	English language Teaching	Bharath guides	1
26	Chinu Achebe Things fall Apart	Bharath guides	1
27	A Midsummer Night's Dream	William Shakespeare	1
28	Salman Rusdie Midnights	Bharat Guides	1

	Children		
29	The battle of the Books	Bharat Guides	1
30	The serpent and the Rope	Bharat Guides	1
31	The Grapes of Wrath	Bharat Guides	1
32	Tess of the Durbervilles	Bharat Guides	1
33	The Power and the Glory	Bharat Guides	1
34	Mycology Plant Pathology & Lichendogy	Annie Ragland	2
35	Plant Anatomy and Microtechniques	Annie Ragland	2
36	Environmental Studies	Dharmaraj	2
37	Medical laboratory technology	Rajan	1
38	Immunology	Arumugam	2
39	Ecology Toxicology Evolution	Arumugam	2
40	Vermitechnology	Arumugam	4
41	Nanotechnology	Mohan Kumar	2
42	General microbiology	Rajesvar Reti	2
43	Biotechnology	Ignacimuthy	2
44	Introduction to Biochemistry	Campbell	2
45	UGC NET & SET	Narayanan	2
46	Animal Diversity Chordata	Arumugam	9
47	Animal Diversity Invertebrata	Arumugam	4
48	Animal Biotechnology	Arumugam	5
49	PattuPulu Valarpu	Sanmukam	6
50	Ecology	Subrmanyam	1
		Total	147

IT Infrastructure

IT facilities

- The department has adequate facilities of the information technologies including Wi – Fi and the internet connections that strengthens the student's learning and experience.
- It is more useful for conducting live classes, conducting and attending webinars through Google Meet, Zoom platform for both students and staff members during COVID lockdown.
- The desktop in the department is provided with LAN facility.

- Students databases also stored in the desktop
- The department IT facilities have been updated regularly each year with computers and LAN
- In our department, desktop is used to prepare power point presentations, ICT materials, download videos and references.
- In addition to that the desktop is used for uploading marks in the college automation system and exam pro portal of M.S.University.

Maintenance of department Infrastructure

Classroom

- The classroom cleanliness is maintained by the sweepers and which is monitored by Head of the department.
- The rest rooms near the classrooms are regularly cleaned three times by the sweepers. After cleaning they get signature from the concerned teaching faculty.
- Every morning and evening, the classrooms have been open and close regularly by the concerned non teaching staff.

Laboratory

- Laboratory maintenance such as general repairs, painting, electrical, masonry and plumbing work periodically and the status will be reported to Head of the department. The regular maintenance of CCTV cameras also carried out every semester.
- The attendance of the students is maintained.
- Stock register is maintained in laboratory and audits are conducted by the department. Stock verification committee to check the availability and working of the equipments in every year.
- The regular checking of intercom lines is being carried out.
- Breakage register is also maintained in our department for the broken items.

- Students are given instruction in handling the equipment before conducting of experiment during their lab sessions. The proper functioning of equipments in lab is ensured in every semester by the lab technician recorded in our maintenance register.
- First aid kit is kept in department laboratory to meet out any eventuality.
- Fire extinguishers ISI mark is also present in laboratory. Fire extinguishers are well maintained and checked periodically and refilling it.
- Cleaning and mopping of laboratory of the department by housekeeping team of the college.

DEPARTMENT OF ZOOLOGY

I B.SC Zoology Room No:54



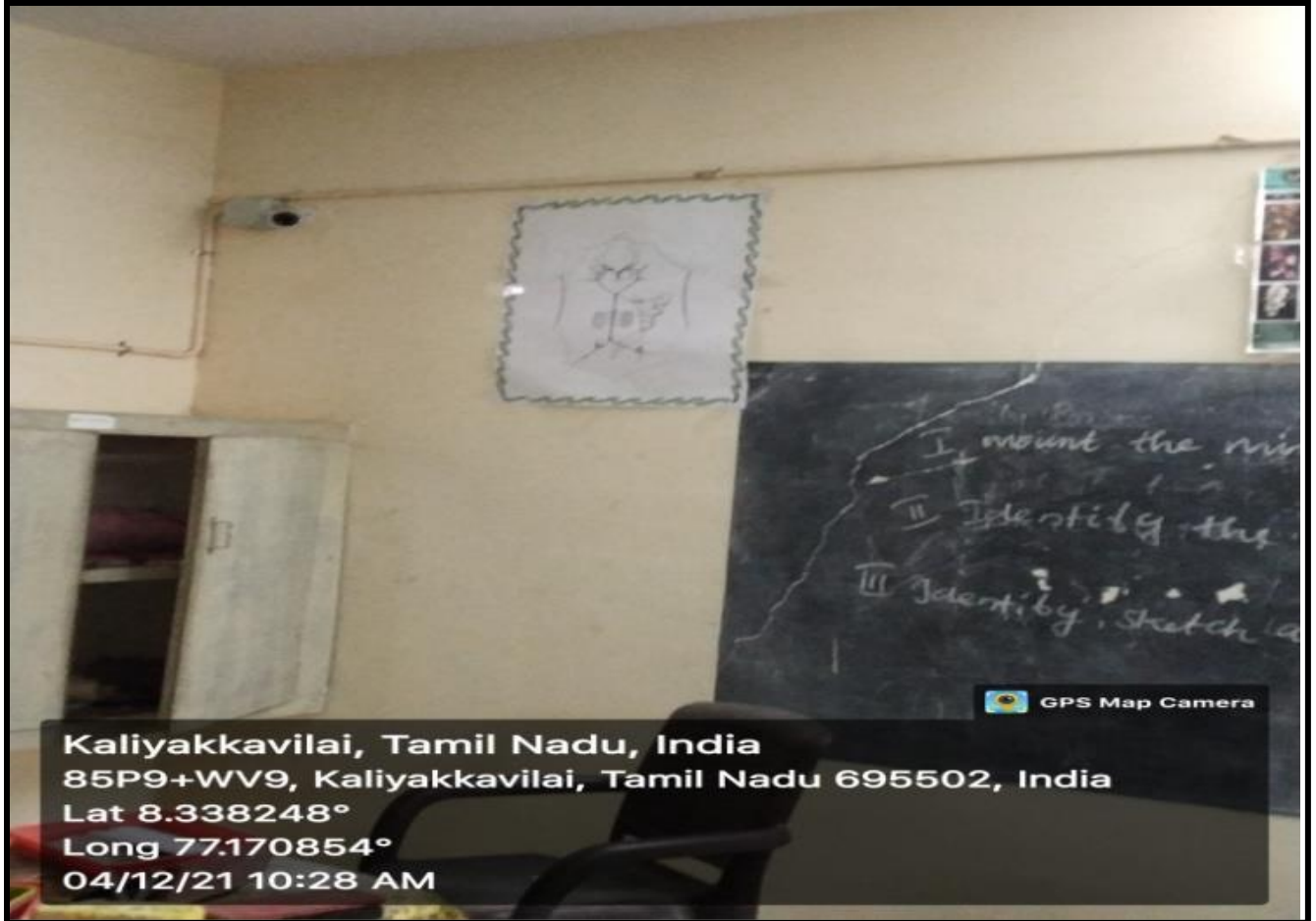
Zoology Lab Room-111



Practical class – zoology lab



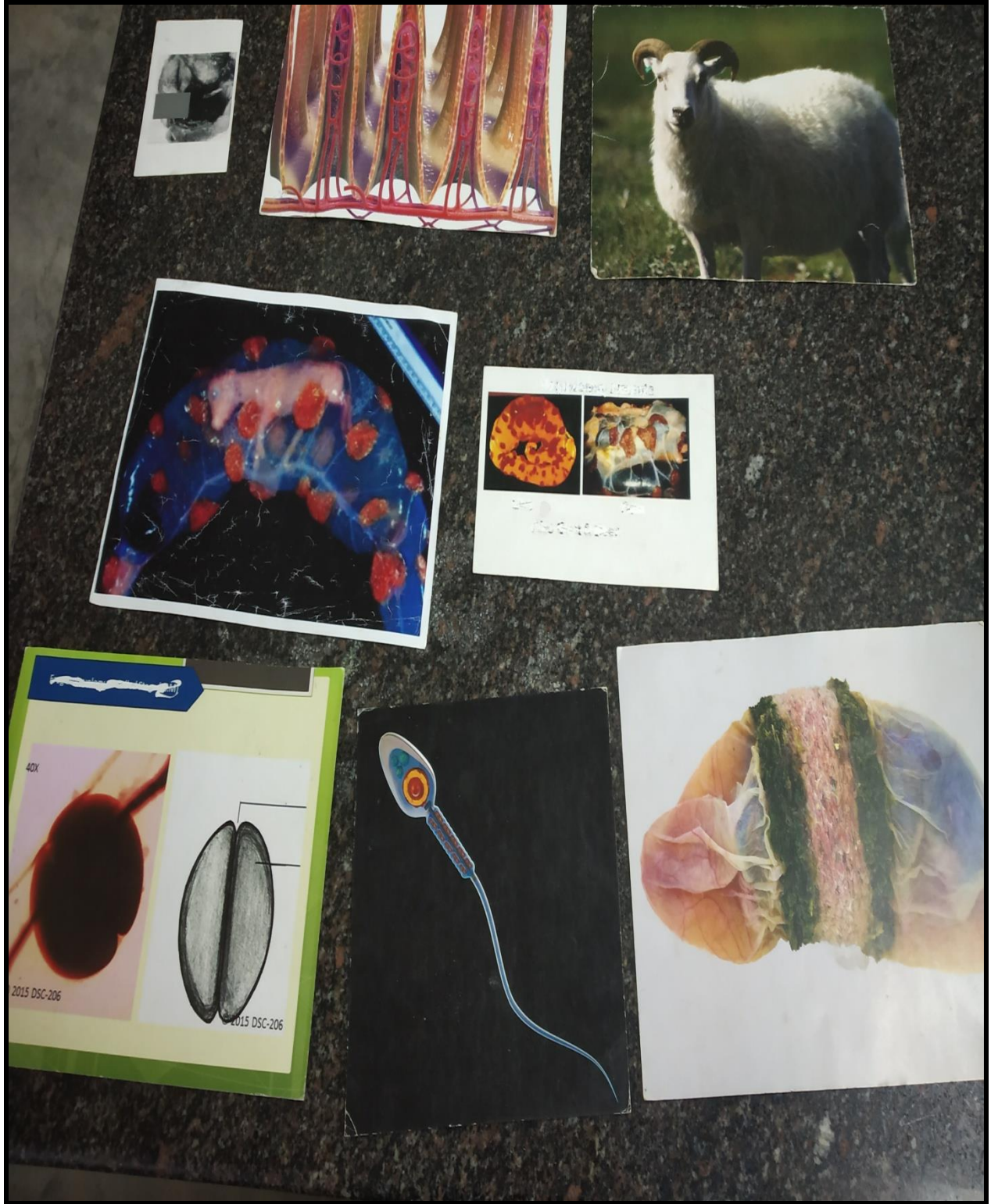
Zoology lab - camera



Wall magazine



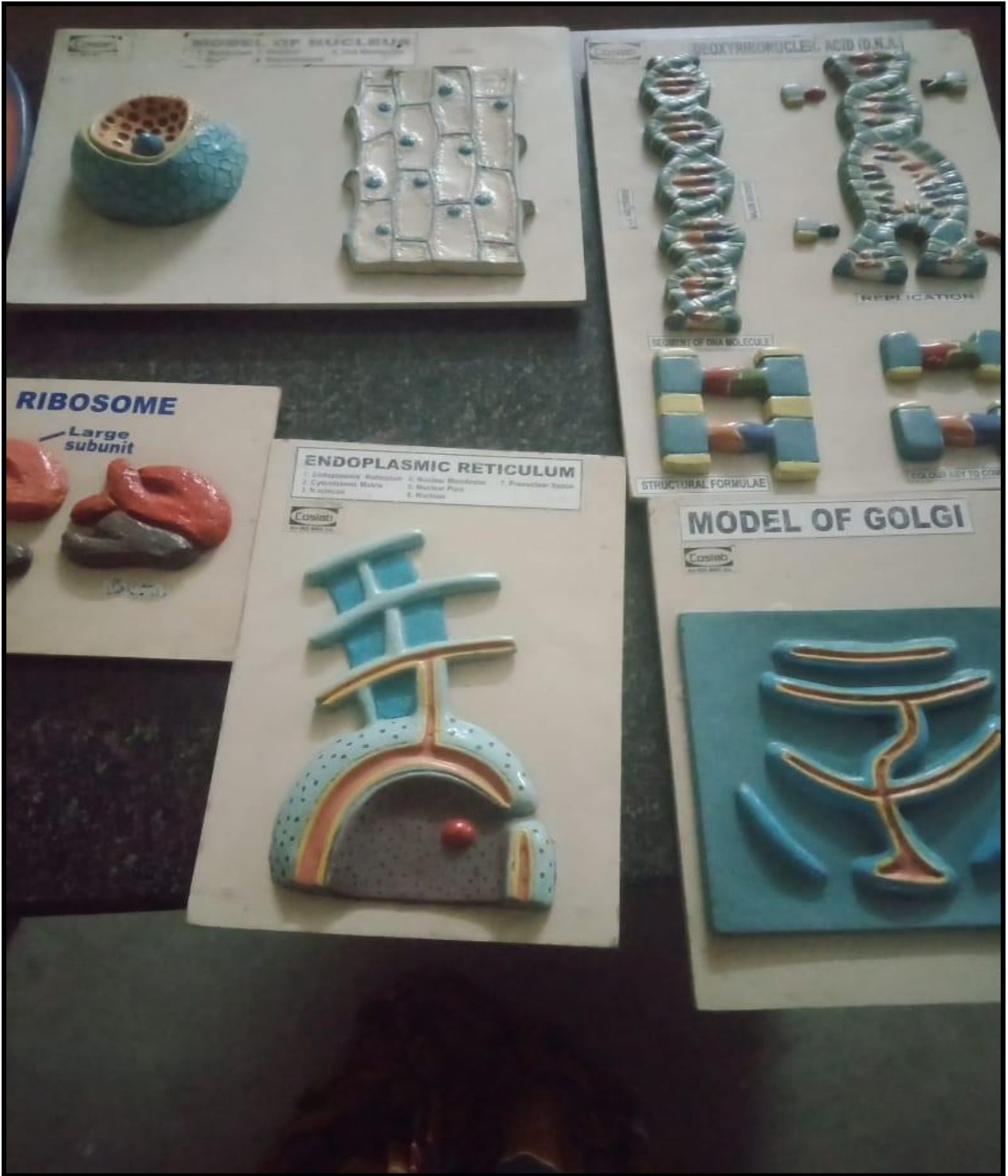
Charts



Spotters



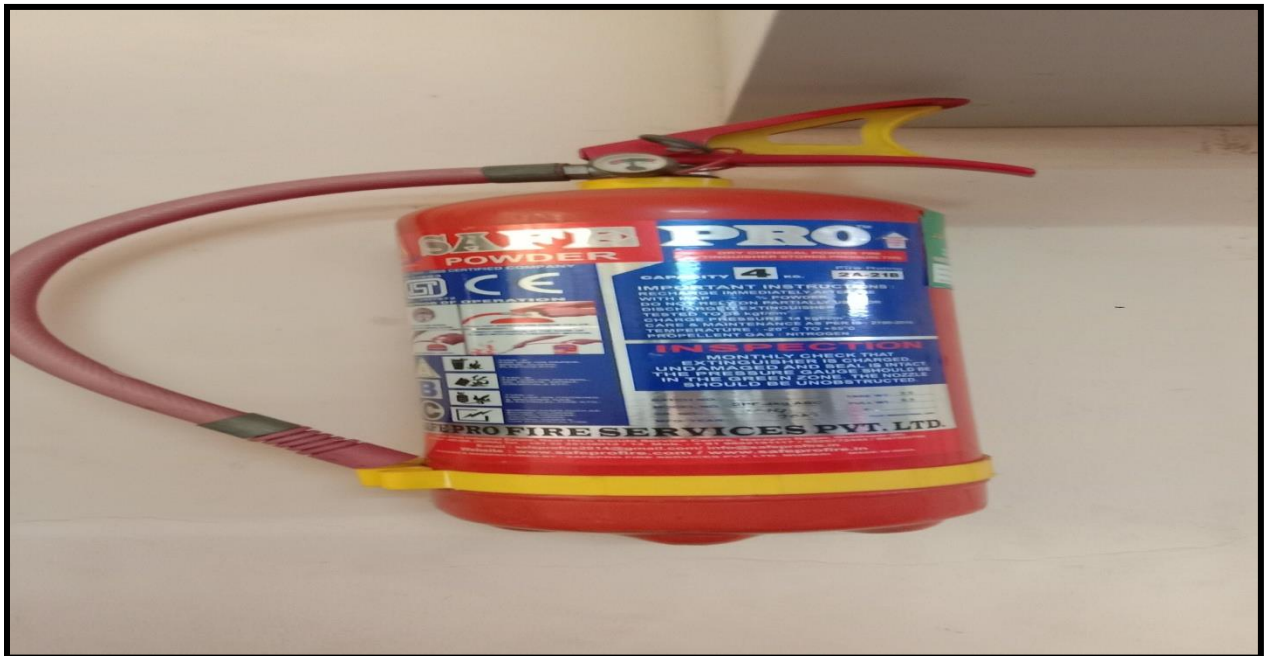
Models



First aid kit in lab



Fire extinguisher



Intercom of department



Desktop



Autoclave



pH metre



Distillation unit



Incubator



Digital Calorimetre



Maintenance-Zoology Lab
Ledger Account

1-Apr-2021 to 21-Jan-2022

Page 1

Date	Particulars	Vch Type	Vch No.	Debit	Credit
23-9-2021	Cr Cash	Payment	924	475	
19-11-2021	Cr Cash	Payment	1318	2,000	
23-12-2021	Cr Cash	Payment	1647	550	
29-12-2021	Cr Cash	Payment	1665	1,130	
				4,155	
Dr	Closing Balance				4,155
				4,155	4,155



Dr. M. SINI MARGRET
Head & Assistant Professor
Department of Zoology
Mangal Catholic College of Arts and Science
Kaliyakkavilal - 629 153
Kanyakumari District, Tamilnadu.

CREDIT INVOICE

GSTIN : 33AARFM1030F1ZO



MADRAS SCIENTIFIC SUPPLIES (TNY)

Old No. 7, New No. 19, First Floor,
Sripuram, Tirunelveli - 627 001,
0462 - 2330099, 2323099, 94421-40099

Email : sales@madrasScientificsupplies.com msstirunelveli@gmail.com
madrasScientific_tny@yahoo.co.in www.madrasScientificsupplies.com

Buyer (Bill to)

THE PRINCIPAL,
NANJIL CATHOLIC COLLEGE OF ARTS AND SCIENCE,
NEDUMCODE, KALIYAKAVILAI,
KANYAKUMARI - 629153.
State Name : Tamil Nadu, Code : 33

Invoice No.	Dated
92G/2021-22	21-Dec-21
Delivery Note	Mode/Terms of Payment
Reference No. & Date.	Other References
Buyer's Order No.	Dated
Dispatch Doc No.	Delivery Note Date
Dispatched through	Destination
Terms of Delivery	

Sl No.	Description of Goods	HSN/SAC	GST Rate	Quantity	Rate	per	Amount
1	SPARE MOTOR FOR INCUBATOR	8413	18 %	1.0 Nos	2,800.00	Nos	2,800.00
						9 %	252.00
	Output CGST @ 9%					9 %	252.00
	Output SGST @ 9%						
				Total			₹ 3,304.00

Amount Chargeable (in words)

INR Three Thousand Three Hundred Four Only

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8413	2,800.00	9%	252.00	9%	252.00	504.00
Total	2,800.00		252.00		252.00	504.00

Tax Amount (in words) : **INR Five Hundred Four Only**

Company's GSTIN/UIN : 33AARFM1030F1ZO

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature

Company's Bank Details

A/c Holder's Name : MADRAS SCIENTIFIC SUPPLIES

Bank Name : CITY UNION BANK LIMITED

A/c No. : 510909010041235

Branch & IFS Code : TIRUNELVELI & CIUB0000524

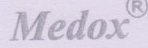
for Madras Scientific Supplies(TNY)

S.P.
Authorised Signatory

SUBJECT TO TIRUNELVELI JURISDICTION

This is a Computer Generated Invoice

Authorised Stockist For :



GST No: 33AAP01M1030F1Z0

TIN : 332766411



MADRAS SCIENTIFIC SUPPLIES (TNY)

Old No. 7 New No. 19, 1st Floor, Sriparam, Thiruvellai-627 0
Ph : 0462-2330099, 2323099, Mobile: 94421-40
e-mail : madrasscientific_tny@yahoo.co.in, msstnytruvellai@gmail.com

Ref: MSS/NCC/CQ-249/2021-22

14/11/2021

To,
The Principal
Nanjil Catholic College of Arts & Science,
Kaliyakkayilai

Sub: Quotation for the..... Reg.

Dear Sir,
We are pleased to submit our lowest quotation for the following items

S.No	Description	Unit	Price / Unit	GST Value	Total Amount
1	Spare Motor for Incubator	Each	2800.00	504.00	3304.00

We hope you will find our offer most competitive and inline with your requirements
Assuring you of our best services always.

Thanking you.

Yours Truly,
For Madras Scientific Supplies(TNY),
Thiruvellai.

SIGMA-ALDRICH

Authorized Distributor For



MERCK

NICE
LABORATORY

LOBAL
Chemicals

SYSTRONICS

Specialists in - All Reputed Brand Laboratory Instrumentation, Reagents & Glass Ware etc.
THANK YOU FOR YOUR PATRONAGE.

Criterion 5- Student Support and Progression

Students' representation in various administration

- The student secretary of our department and class representatives are selected on the basis of discipline, leadership quality and merit.
- Under the supervision of our department secretary and class representatives all the activities such as seminars, workshop, association meeting ,cultural programmes and field visits were conducted in a well planned manner.
- We have student representatives in various academic bodies such as sports committee, cultural committee, canteen committee, fine arts committee etc., which gives opportunity to students in supporting the co-curricular and extracurricular activities
- The students are included as members in the clubs and committee and their views and suggestions are taken into consideration while framing activities.

Co-curricular activities

- The class In charge and five student representatives, from both boys and girls meets at regular intervals discusses the teaching learning process that happens within the classroom and the issues of discipline to enrich the classroom experience.
- Students of our department attend national conference, workshop and seminars inside and outside of the college.

Extracurricular activities

- our department student players take the lead role in organizing various sports and games competitions such as Kho Kho, Kabadi, Volley Ball, etc
- Our students participated in various competition like clay modelling, pencil drawing , art from waste, etc inside and outside of the college(NMCC,Mrthandam).
- student representatives to look into all cultural aspects of the campus and to organise all cultural programmes and events like fine arts Day, women's Day, , and Annual Day etc. in the college.

- The students' participation is not only restricted to activities within the campus but also extends to outside the campus.

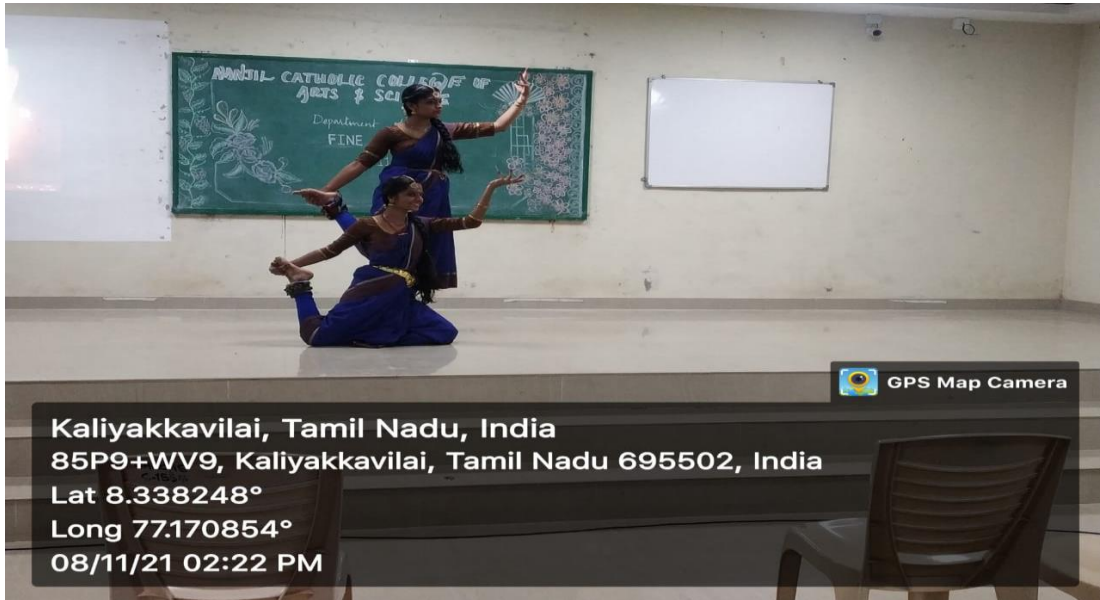
Alumni Engagement

Alumini contribution and support

- Alumni Association is a powerful link between the college and Alumni. Alumni contribute to the development of the college and department in many ways.
- Our alumni donated their old books to the department to form a book bank and we have totally 53 books which are used for the needy students
- Members of the Alumni, individually take time to be with the students to encourage, empower and enlighten them with the recent developments in their own domain. Face to Face programmes facilitate the same and form an integral part of the Alumni Association activities.
- Though the Alumni get together and interaction with the current students have been a part of the department for a long time it became a registered association. The Whatsapp group of the Alumni Association keeps its members linked.
- Every Graduation Day is a day of celebration for the Alumni as they have a separate Alumni get together in our department.



FINE ARTS DAY CELEBRATION



Criterion 6- Governance, Leadership and Management

Departmental Vision and Mission

Vision

To strive to be a world class department in transforming lives of students through an innovative, professional, compassionate and lifelong learning approach to education

Mission

To provide innovative educational opportunities environment and experiences that enable students to learn grow, prosper and transform the world.

Measures for the implementation of vision and mission

- The Head of the Department monitor all the departmental activities with focus on development to achieve the vision and mission.
- Furthermore the heads conducts meeting with their staff to communicate the decisions.
- Initiatives are taken to organize the discussion, seminar, debate, cultural presentation, so that students can feel themselves to be active participants in shaping up social issues.
- The department Regular meetings with the Principal provide opportunity for the faculty members to be involved in setting goals of the department, analyzing the SWOC, introducing innovative ideas and practices in the department. They are involved in clubs and associations as Conveners, Members, and Coordinators to guide the students to become socially responsible citizens.

Effective leadership

Decentralization

- The faculties of our department are the members of various committees like Examination Committee, Academic Committee, Discipline Committee, Ant ragging etc.

- The work of the committee is decentralized at the beginning of the academic year.
- The Head/ Head in Charge of the departments are responsible for the day to day administration of the Departments.
- If any faculty is on leave the students engaged with other works or send to library for references.
- The HOD transfer the messages to the department which are taken by the management.

Participative management

- As per the instruction to the management our department staffs are acitively involved in admission process.
- Students discipline is maintained by our staff.
- For the internal, model and practical examination the HOD allots the internal examiners.
- The question papers are prepared by the faculties.
- Our department conducting parents meeting in every semester, which is informed 1week prior to the meeting.

Strategy Development and Deployment

Perspective plan

- To upgrade the qualification of all the faculty in the department
- To establish recognized Master degree in the department.
- To increase the number of rank holders.
- To transform all the students into graduates
- To introduce certificate courses in our department

Deployment

- All the faculties of our department are qualified
- Two UGC certificate programmes (Medical laboratory, Dairy Technology) were introduced in our department.
- Establishment of Master degree in Zoology is postponed.

- Every year, our department produces rank holders and we aimed to increase the number of the rank holders.
- One of the prime goals of our department is to produce 100% results, which is achieved in last two years.

Functioning of the institutional bodies

Administrative setup

- The department administration focuses on the vision and mission of the department thereby to provide quality education of the students.
- The Head of the Department monitor all the departmental activities with focus on development.

Appointment

- If any leave vacancy in the department it will be immediately informed to the management by HOD.

Effective welfare measures

- For the family functions, the faculties and students are honoured with gift.

Performance Appraisal System

- Students Evaluation Reports and attendance is maintained in the department. The HOD regularly checks the neatness of the departments, classrooms, labs and other facilities.
- Student feedback , staff Feedback from parents at Parent-Teacher Meet, from alumni at Alumni Meet, is collected in every semester to review the performance of faculty and necessary appraisal is completed.
- The appraisal reports are analyzed and discussed with individual staff members in the department.

Financial Management and Resource Mobilization

External audits

- The department account register is maintained and the account detail is rechecked by an approved auditor of the college appointed by the Management.

Utilisation

- Funds are allocated to conduct seminars, FDPs, workshops and conferences
- Fund is also utilized to purchase specimen for practical and also maintain lab equipments.

Internal Quality Assurance Cell

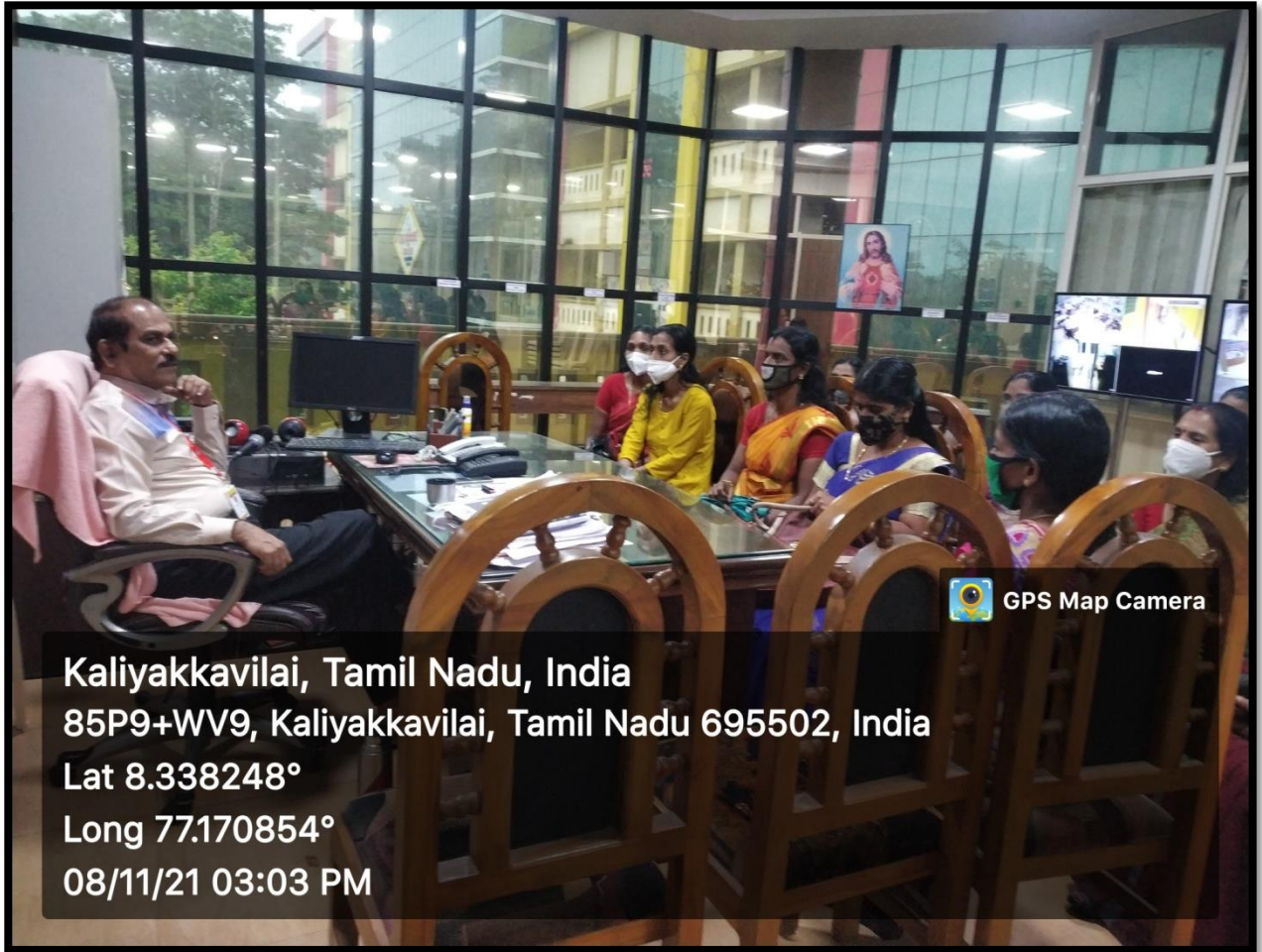
Quality assurance strategies and processes

- The Internal Quality Assurance Cell (IQAC) monitors the efforts of the department towards excellence in different areas. The department works out an action plan for every year and ensure by the IQAC and reviews the efforts are made by the college.
- The academic calendar is an integral part of this action plan which is prepared before the commencement of the academic session. IQAC instruct to the department to review the syllabus and send it to the university.
- IQAC conducts academic audit of the department to review the academic achievements. The IQAC direct the faculties to conduct and participate in various faculty development programs to update the skill and knowledge.
- IQAC motivate to conduct various programmes such as seminar, conference, workshop and cultural events which are documented in the department. It also collects and analyses feedback from the students and parents. Students' responses are analysed by the IQAC Committee and feedback is discussed in the meeting of IQAC with Head of the Department.
- The IQAC is taking initiatives in quality sustenance, improve teaching-learning methods, creates a healthy communication between the students and the teachers, develops the skill of evaluation, helps the department administration to improve services and facilities in diverse areas like library, drinking water, cleanliness , ICT enabled classrooms, hygienic food services by canteen etc.

Reviewing of teaching learning process by IQAC

- IQAC recommended academic audits to have a clear overview of the teaching learning and evaluation process in the departments and emphasized on the increased use of ICT tools.
- The curricular aspects, teaching and learning process, research, infrastructural facilities and student support and progression are reviewed.
- The IQAC assess the lessons planned, ICT tools used, innovative teaching methodologies adopted, the mode of delivery, topic covered beyond the syllabus, learning resources, syllabus completion. Course Objectives, Learning Outcomes and Course Outcomes are also audited.
- The IQAC highlights the best practices of the departments and also helps the departments to evaluate their academic standard to move further
- Visual presentations, individual participation and interactive method of learning keep the classroom alive. Google classroom connects students with teachers during pandemic period. Online learning portals like Swayam, NPTEL and Mooc Academy introduce the habit of lifelong learning.

PARENTS MEETING



Kaliyakkavilai, Tamil Nadu, India
85P9+WV9, Kaliyakkavilai, Tamil Nadu 695502, India
Lat 8.338248°
Long 77.170854°
08/11/21 03:03 PM

PARENTS FEEDBACK

நாளுக்குள் சுத்தோலிக்க கலை மற்றும் அறிவியல் கல்லூரி
கனியக்காவிலை.

INTERNAL QUALITY ASSURANCE CELL

PARENTS FEEDBACK FORM

கல்வியாண்டு 20 - 20

பெற்றோர் பெயர் : லக்ஷ்மி . ஆர்
தொழில் : House wife
முகவரி : இக்காடு திட்டம் , கொத்தியேறு புத்தன்கலை , மாற சி-நகர P.O
மாணவர் பெயர் : ஜெனி. ஜெனி
துறை : BSC BSC Zoology வகுப்பு : III year

- பெற்றோர் ஆசிரியர் கூட்டம் நடத்தப்பட்டதா? ஆம் / இல்லை
- நீங்கள் கல்லூரி செயலர் / முதல்வரை சந்திக்க முடிகிறதா? ஆம் / இல்லை
- கல்வித்தரம் உங்களுக்கு திருப்தி அளிக்கிறதா? ஆம் / இல்லை
- தேர்வு முடிவுகள் உங்களுக்கு திருப்தி அளிக்கிறதா? ஆம் / இல்லை

Please rate the facilities in 1 to 5 point scale. (1 Minimum 5 Maximum)

எண்	அளவீடுகள்	1	2	3	4	5
1.	வளாகத்தில் சுற்றுப்புற தூய்மை	✓				
2.	நிர்வாக உறுதியர்களின் ஒத்துழைப்பு		✓			
3.	கற்பிக்கும் ஆசிரியர்களிடமுள்ள தொடர்பு		✓			
4.	நூலக வசதிகள்			✓		
5.	ஆய்வக வசதிகள்		✓			
6.	மருத்துவ வசதிகள்	✓				
7.	விளையாட்டு வசதிகள்		✓			
8.	வேலை வாய்ப்பு சம்பந்தமான பயிற்சிகள்			✓		
9.	பாதுகாப்பு ஏற்பாடுகள்			✓		
10.	உணவக வசதி		✓			

Any other suggestions:

Date: 11/11/22

Lakshmi Sanjay
Signature

Alumni Feedback



Nanjil Catholic College of Arts and Science
Nedumcode, Kaliyakkavilai - 629 153

☎ : 04651 - 244788

✉ : nanjilccas@gmail.com

☎ : 8903013368

ALUMNI FEEDBACK FORM

Dear Alumni

We are glad that you have spent 3/2/1 valuable years for B.A., B. Sc., B. Com / M. A., M. Sc., M. Com., M. S. W., M. Phil. You will be pleased to know that your Institution has, in a short period of time, grown to be one of the leading and sought - after Institutions.

We would like to place on record that your co-operation and support has contributed in no small measure for this achievement.

We shall very much appreciate and be thankful if you can spare some of your valuable time to fill up this feedback form and give us your valuable suggestions for further improvement of the Institute.

Alumni Feedback Form

Please Tick

Attributes	Excellent	V. Good	Good	Average	Poor
Environment		✓			
Infrastructure		✓			
Laboratory Facilities		✓			
Sports and Game Facilities			✓		
Faculty		✓			
Fee structure			✓		
Quality of support material		✓			
Training & Placement	✓				
Library		✓			
Canteen		✓			
Co - curricular Activities			✓		
Comments & Suggestions					

Name : K. Lingsha
Year : 2015 - 2018
Subject Studied : B.Sc Zoology
Reg. No : 1540H436

K. Lingsha
Signature of Aluminus

S.No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
19	Nandhika R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
20	Nirfin S V Shajin	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
21	Niljan S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
22	Pavithra S (PH)	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
23	Prajith R P	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
24	Pravin S	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
25	Preetha R P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
26	Reema Raj K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
27	Remya V G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
28	Reshma R G (PH)	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
29	Revathy B (PH)	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
30	Shalu D B (PH)	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
31	Shanu S M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
32	Sheela C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	
33	Sree Ragh M	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
34	Subitha S (PH)	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
Staff Signature																															

- 35 Arjana Krishna a a a a a a a a a a a a a a a a a a
- 36 Baijithra Govindhan a a a a a a a a a a a a a a a a a a
- 37 Vinshya a a a a a a a a a a a a a a a a a a
- 38 C-S. Teava a a a a a a a a a a a a a a a a a a

Programme Co-ordinator

Date: _____

Page No: _____

Nanjil Catholic College of Arts & Science
Nedumcode, Kalliyakkavilal - 629 153
NSQF - UGC sponsored Certificate Programme
CERTIFICATE IN MEDICAL LABORATORY TECHNOLOGY

Attendance Sheet for the month of _____ 2021

S.No	Name of the Student	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	Abisha R								/	/	/					/	/	/	/				/	/								
2	Abisha S P								/	/	/					/	/	/	/				/	/								
3	Adithya L								/	/	/					/	/	/	/				/	/								
4	Ajeesha King C								/	/	/					/	/	/	/				/	/								
5	Ajina W S								/	/	/					/	/	/	/				/	/								
6	Albert P								/	/	/					/	/	/	/				/	/								
7	Amirtha K M								/	/	/					/	/	/	/				/	/								
8	Amritheswary M								/	/	/					/	/	/	/				/	/								
9	Ananthu Dominic								/	/	/					/	/	/	/				/	/								
10	Anchu Vincent								/	/	/					/	/	/	/				/	/								
11	Ancy S R								/	/	/					/	/	/	/				/	/								
12	Angel Benesha S								/	/	/					/	/	/	/				/	/								
13	Angel Blessy R S								/	/	/					/	/	/	/				/	/								
14	Angel Jefferin F N								/	/	/					/	/	/	/				/	/								
15	Angelin Arthi V								/	/	/					/	/	/	/				/	/								
16	Anie Mol S S								/	/	/					/	/	/	/				/	/								
17	Anisha J								/	/	/					/	/	/	/				/	/								
18	Athithya A V								/	/	/					/	/	/	/				/	/								
19	Bancy Linta B L								/	/	/					/	/	/	/				/	/								
20	Bernisha S								/	/	/					/	/	/	/				/	/								
21	Bisma B								/	/	/					/	/	/	/				/	/								
22	Dora Abraham								/	/	/					/	/	/	/				/	/								
23	Fathima Steni S								/	/	/					/	/	/	/				/	/								
24	Gopika S R								/	/	/					/	/	/	/				/	/								
25	Jebisha J								/	/	/					/	/	/	/				/	/								

Siny Mol. J

B. Weleda

Students Grievance Redressal Cell
Nanjil Catholic College of Arts & Science
Kalliyakkavilal

DR. M. SINI MARGRET
Head & Assistant Professor
Department of Zoology
Nanjil Catholic College of Arts & Science
Kalliyakkavilal - 629 153
Kanyakumari District, Tamilnadu

Criterion VII – Departmental Values and Best Practices

The department provide an opportunity for both genders and their role in various activities. All the students have their own values and responsibilities.

Departmental Values and Social Responsibilities

Gender equity

- The department offers support services through mentoring and counselling to ensure the physical and mental well being of the students. Mentors mentoring both the genders academically and personally till their course completion.
- Both the genders of our department students equally participated in various activities like cultural, group discussion, debate, quiz etc..
- Every year the students of our department have tours, Industrial visit, Field trips, festival celebrations without any gender discrimination
- To take part in workshops, seminars, competitions, awareness programmes and various activities every year which promote the gender equity for both genders to realize their potential. It facilitates informal interaction and strengthens the understanding between male and female students.

Environmental Consciousness and Sustainability

- The students give awareness to the public to reduce usage of plastic items like bottle, tiffin boxes, pens, disposable cutlery and carry bags and also supports this initiative encouraging use of glass or stainless steel in their living environment.
- A green campus is maintained by planting of trees in their surrounding areas.
- The use of plastic is strictly banned in their living community .

Cultural and Regional harmony

- Students exhibit cultural values through events to create an understanding of different cultures during renowned regional or cultural festivals.
- Regional festivals (onam, pongal) and religious festivals (Christmas, Diwali) give an opportunity for the students to come together without any bias or disparity.

Linguistic harmony

- Our department has student diversity with various languages (Tamil, Malayalam, Hindi), religious and caste.

Communal socioeconomic harmony

- The department organises awareness program on Urban sprawl in collaboration with Eco club, Science club collaborated with zoology department conducted a programme on Science and Humanity. Online awareness programme on COVID-19 was conducted by our department.
- This programme manifest among students knowledge, creation, Humanity and developing a socially responsible citizens.

Constitutional obligations

Our department organises 1 hr awareness programme on Indian Constitution for students. The guest lecture was addressed by Mr. Krishnaprasad, gave valuable information about the rights and duties of Indian Constitution.

Values, Rights, Duties and Responsibilities of citizen

- The knowledge of Indian constitution empowers the society. It will reform the society by get an idea of rights and duties.
- All laws are framed. Ignorance of law is not excused
- Morethan 5 lakh laws and it was framed by legislative assembly
- It consists of preamble and parts
- Parts contain the fundamental rights, directive principles and fundamental duties
- The 6 fundamental rights are Right to equality, freedom. Exploitation, religion, education and property
- There are 11 fundamental duties
- This programme sensitize the students about rights of citizens empowers them with knowledge they can use far beyond the classrooms. It also creates a healthy campus culture.
- Our students are trained to Abide the Constitution and respect national flag & National Anthem, trained with Sprit of common brotherhood.

National and international commemorative days, events and festivals

- The students of our department participated the birthday celebration of Bharathiyar on 17th September and Bahadsingh on 27th September
- The college celebrates teacher's day every year on 5th September.
- As part of this, the NSS unit of the college organises awareness programme for Swachh Bharat.
- The science departments of our college celebrates National Science Day collaborated with science club on 12th June every year.
- Independence Day is celebrated every year in the college on 15th August with solemnity.
- Republic day is celebrated every year with flag hoisting and talks on national integration, importance of constitution etc.
- The college celebrates national festivals like Onam, Diwali, Christmas, pongal etc...

Best Practices

In our department practices the best practices of vermiculture, Aquarium and Organic Vegetable gardening in Home

1. Vermiculture

- Our department practices the vermiculture in the campus and to maintain the aquarium in zoology lab.
- In order to make waste into wealth, our department practices vermiculture technology.
- The programme was initiated by conducting the workshop on vermiculture and the steps to make the process of compost was explained by the guest.
- Students get a knowledge and awareness of the economical benefit of vermiculture.
- Students understood the vermicompost practices and well experienced.
- It was continue in their home by making vegetable garden.

2. Aquarium

- The student of our department also maintains the lab aquarium and practice well by introducing the fish species. After the fishes attain the growth, they are used for experimental purposes.
- Aquarium provides the additional availability of fishes at any circumstances for experimental purposes in zoology lab.

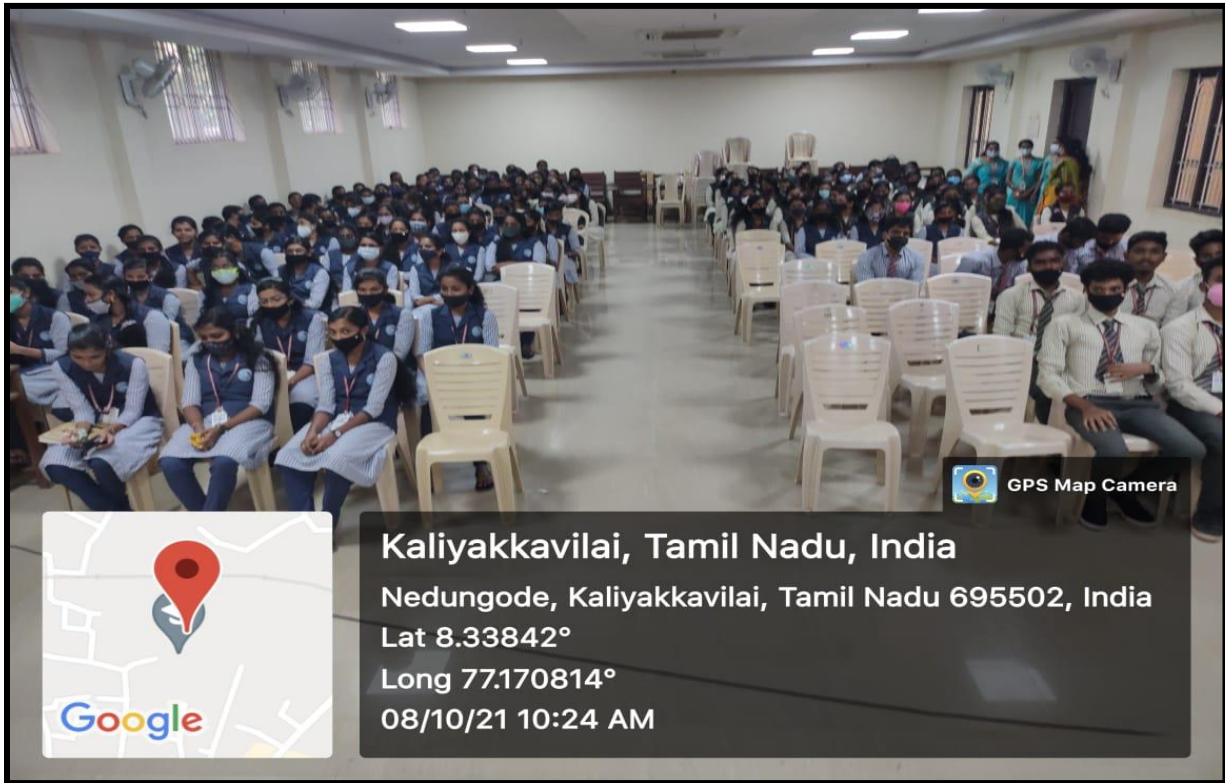
3. Organic Vegetable gardening in Home

- The students of our department do some kind of gardening work, planting flowers, growing vegetables and fresh fruit in their home.
- The students also practicing the gardening using organic fertilizer.
- They highly committed to the work are getting ready to plant various vegetation includes peas, brinjal, chilly, cabbage, lady's finger and tomatoes.
- They are interest and interact with the home – green Practises.
- It might become awareness for them to protect the nature.
- The practice was highly appreciated by the department and parents.

Institutional Distinctiveness

The college shapes the learners into better citizens enriched with self-confidence, perseverance, patriotism, and humanity. The college focuses on honing the technical skills along with the transfer of subject knowledge. Special courses like ICT, Tally, Banking, UGC courses are offered to the students during the period of study in the specialized areas. Experts from the industry or corporate sector train the students and provide a certificate for these courses. All the students are trained by Centre for Training, Internship, and Placement. Along with excellence in education students are thoroughly equipped with the knowledge of social perseverance and environmental sustainability.

Awareness programme on Environment protection



Vegetable garden in home of students





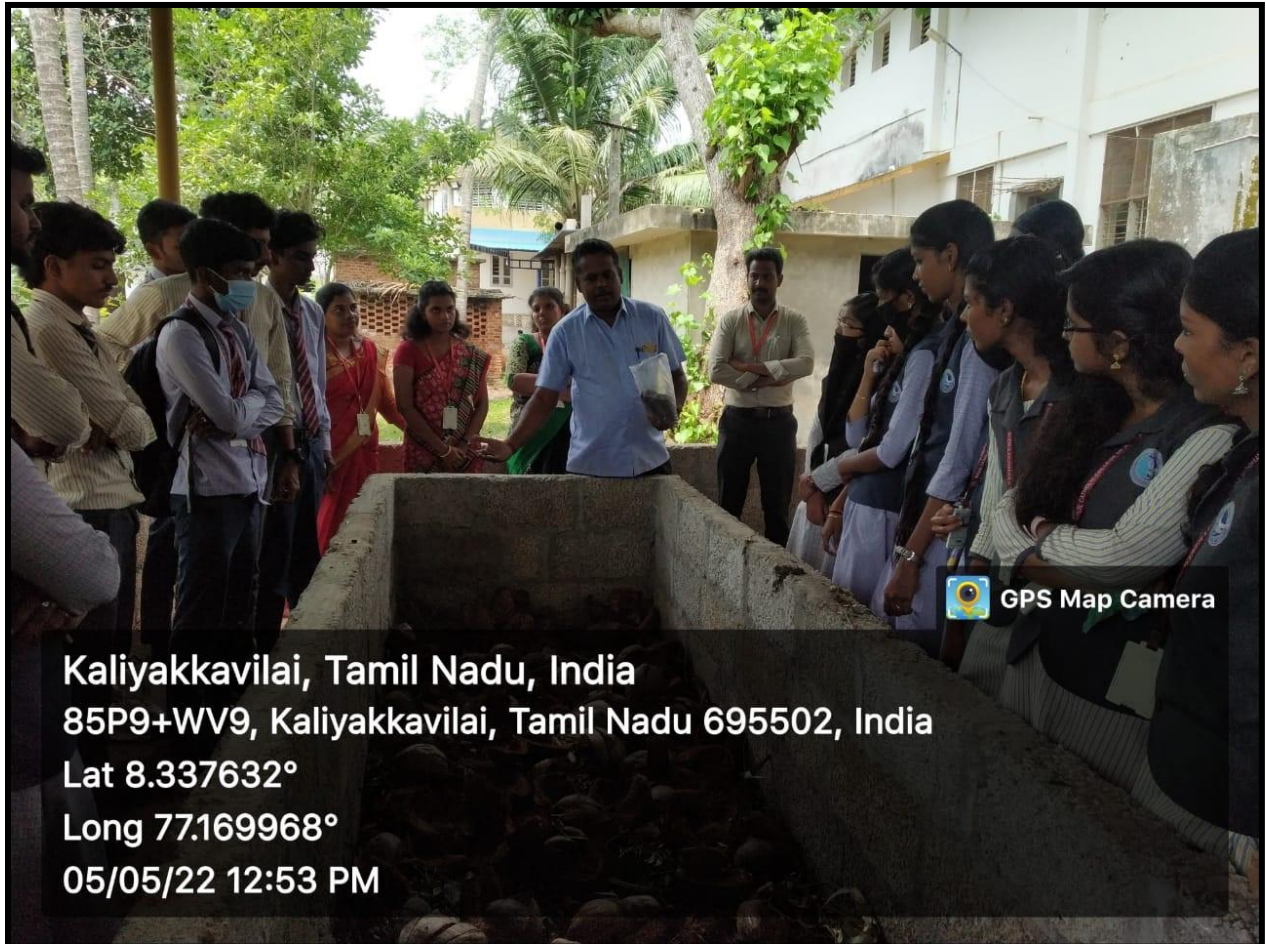
Christmas celebration



Pongal celebration



Vermiculture



Kaliyakkavilai, Tamil Nadu, India

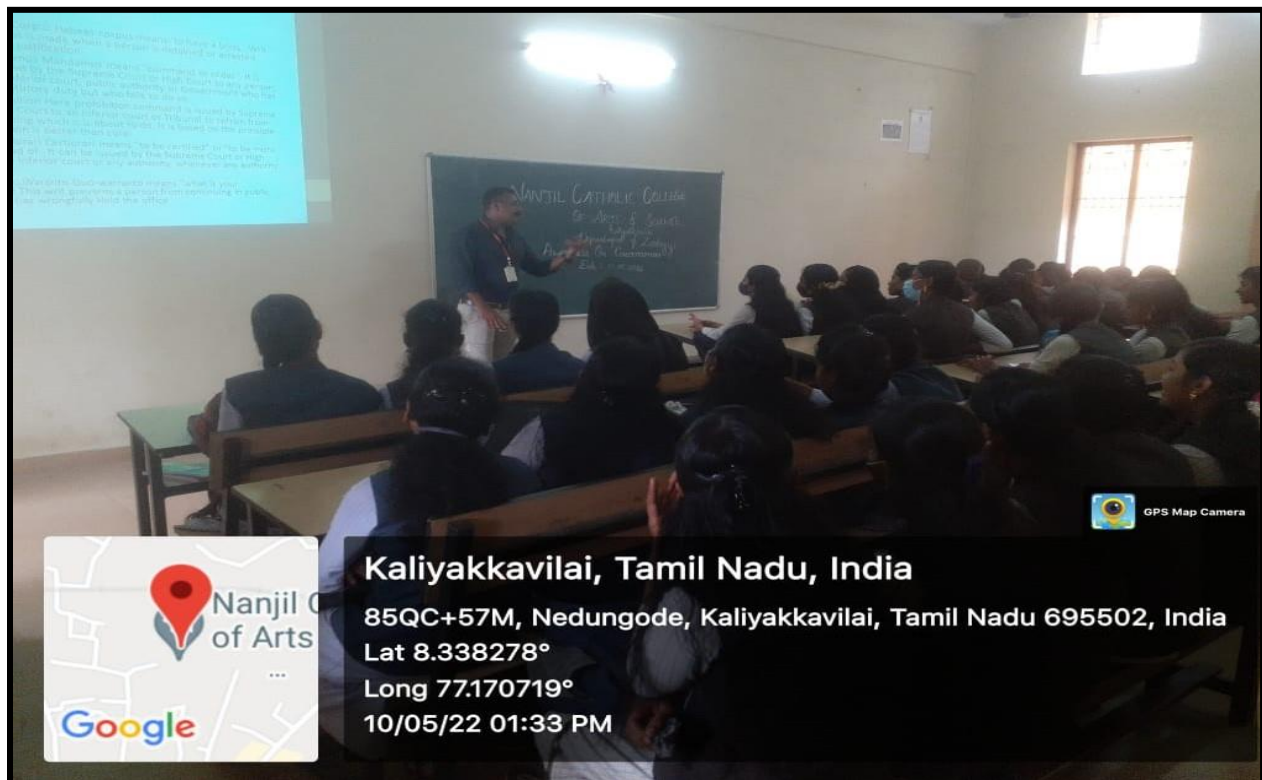
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Lat 8.337632°

Long 77.169968°

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Awareness programme on Indian Constitution



GREENARY DAY

