



CENTRE FOR PROFESSIONAL AND ADVANCED STUDIES

SCHOOL OF APPLIED LIFE SCIENCES (SALS)

ADMISSION PROSPECTUS 2019-20

CENTRE FOR PROFESSIONAL AND ADVANCED STUDIES
School of Applied Life Sciences
Pathanamthitta-689645

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The Institute

Prelude

The state of Kerala is endowed with a vast expanse of open inland waters in the form of rivers, canals, estuaries, natural and man-made lakes, backwaters, brackish water impoundments and mangrove wetlands. Fishes inhabiting these water bodies are a treasured resource both in terms of their utility as food and as a material for scientific study. For harnessing these aquatic resource, a scientific understanding of the fish species with respect to their morphological, biological, ecological and adaptive characters along with their natural distribution is imperative to back up their optimum utilization as candidate species for aquaculture and aquaculture practices

Pathanamthitta is an inland district of Kerala with a variety of water resources consisting of Pamba, Manimala, Achankovil, and Kllada rivers, reservoirs, streams, ponds, quarries etc. All these water bodies harbor a good diversity of fresh water fishes including several endemic taxa. Located in close proximity with these water bodies, the present Institution, School of Applied Life Sciences, the only one of its kind under the Centre for Professional and Advanced Studies devoted to the study of fisheries and Aquaculture, is in an advantageous position to take up any study relating to the life of the fishes of this region.

This institution of CPAS, affiliated to M.G. University, was established in 1995 to meet the increasing manpower demands in Aquaculture and other aspects of Fishery Science. The School undertakes teaching, research and consultancy services in Aquaculture and related areas of aquatic biology. Aquaculture is identified by specialists as an area which will have very bright employment potential. The institution is part of a fast developing Regional Centre (among other centres at other places) at Pathanamthitta (about 60 kms from the main campus of CPAS). This Regional Centre comprises of three Departments of which this institution is the only one under CPAS which undertakes programmes in the broad area of Fishery Science

The Academic Programme

The academic programme going on in this institution is M.Sc. Fishery Biology and Aquaculture. The programme has employment opportunities. The trained students serve as human resources to cater to the needs of food security through eradication of protein malnutrition by providing the knowledge of Aquaculture.

Courses offered

| Faculty | Level of Course offered | Name of Programme | Course Duration | Type | Intake of Students | Examination system |
|---------|-------------------------|---------------------------------------|-----------------|----------------|--------------------|--------------------|
| Science | PG | M.Sc. Fishery Biology and Aquaculture | 2 years | Self Financing | 25 | Semester |

| No. | Name of course | No. of seats | No. of semesters | Qualificaton | Semester fee | Mode of selection |
|-----|--|--------------|------------------|---|--------------|---|
| 1 | M.Sc.(Fishery Biology and Aquaculture) | 25 seats | 4 semesters | Degree in Zoology or degree in Botany /Chemistry with Zoology as a subsidiary subject/B.F.Sc./B.Sc. Aquaculture or any other equivalent degree recognized by MG University with 55% marks in the optional subjects.SC/ST candidates are allowed 5% relaxation in marks. | Rs.22,500/- | Based on the marks of qualifying exam,entrance test and interview |

Fees

| No. | Items | Fees in Rupees | |
|-----|-----------------------------|----------------|----------|
| | | 1st Year | 2nd Year |
| 1 | Caution Deposit | 1000 | |
| 2 | Amenities Fund | 1575 | |
| 3 | Institution Development Fee | 1000 | |
| 4 | Student Affiliation Fee | 750 | |
| 5 | Sports Affiliation Fee | 300 | 300 |
| 6 | University Union Fund | 100 | |

| | | | |
|----|---------------------------------------|--------------|--------------|
| 7 | College UnionFund | 400 | |
| 8 | General Accident and Insurance Policy | 23 | |
| 9 | Identity card | 50 | |
| 10 | Medical Inspection Fee | 100 | |
| 11 | Annual Administration Fee | 1000 | 1000 |
| | Total Special fee | 6298 | 1300 |
| 12 | Tuition fee | 22500 | 22500 |
| | Grand Total | 28798 | 23800 |

Fee once remitted shall not be refunded under any circumstances. However, the amount shall be refunded to those who discontinue after getting admission, but before the closure of admission. Those who discontinue after closure of admission shall have to pay the tuition fee for the remaining years of study as liquidated damages as per Rules in force. To those who get admission under Government quota, Government rules will be applicable in this regard.

SCHEDULE OF REMITTANCE: Fee for the I semester of all the courses are to be remitted at the time of admission. For all subsequent semesters, fee should be remitted without fine within the Fifth working day of the month of June for the Even semesters and the fifth working day of January for the Odd semesters; and there after within ten days with a fine of Rs. 100/-. A fine of Rs.10/- per day including holidays will be levied from the last day of remittance of the fine of Rs.100/-. This is applicable for online payment done at prior date but submitted after the last day of remittance without fine. However, the students are required to remit the fee within the cutoff date mentioned by CPAS.

HOW TO APPLY

1. Candidates applying for admission to all courses under School of Applied Life Sciences should apply online and send a printout to the Deputy Director, School of Applied Life Sciences, Chuttippara, Pathanamthitta – 689645 on or before the last date mentioned.
2. Online submission of Application may be made by accessing the website – www.cpas.ac.in or www.sme.edu.in .
3. Copy of the printout of the Application form must be retained for future reference.
4. The applicant is fully responsible for the details and marks entered in the application form. Any disparity in marks or claims noticed at the time of admission will result in the application being summarily rejected.

5. Applicant should ensure the following before sending the printout of the application form:
 - i. All certificates furnished are properly filled in and signed by the competent authority and affixed office seal at specified place.
 - ii. The photograph uploaded online and the photograph pasted in the printout of application form should be identical and properly self-attested.
 - iii. The applicant should select the course/courses which he/she desires to study while applying online.
 - iv. The candidate should maintain confidentiality of the password created at the time of registration for submission of online application and keep it in safe custody till the end of allotment process.
6. No memo will be sent by post from this office in the case of defective applications. The defects, if any, should be rectified before the cut-off date by the candidate. In that case hardcopy of the corrected application should be sent to the college.
7. Candidates should send only one application for admission.

Application fee: The applicant has to remit **Rs. 500/-** as application Fee by online payment through the payment gateway. **(for SC/ST candidates Rs. 250/-)**.

Last date to apply online and receive the printouts of courses under SALS

| Courses | Apply Online | Receive print out at the college |
|-----------|--------------|----------------------------------|
| PG course | 06.06.2019 | 15.06.2019 |

M.Sc.(Fishery Biology and Aquaculture)

The inland fishes, especially those inhabiting the rivers and streams of Western Ghats , comprise a vivid spectrum of Ichthyofauna offering challenging avenues of taxonomical ecomorphological and biological pursuits .Although many courses have been introduced in some of the fisheries institutions in Kerala none of them seem to have given much importance in the study of Inland fishes of Kerala. This clearly felt need led to the establishment of SALS in the inland district of Pathanamthitta.Initially a Post graduate programme was started incorporating such relevant studies in fisheries as systematics,AquaticEcology,FisheryTechnology,Fisheryeconomics,Extension and Management,Finfishculture,shell fish culture,ornamentalfisheries,Pathology in Aquaculture,Fish genetics and Immunology. The course gives adequate consideration for academic, employment and research aspects. The curriculum is designed in such a way as to enable students to acquire enough know-how to start self employmentprogrammes in the field of Fishery Science. With regard to the academic side the curriculum has incorporated appropriate topics considering the

latest global demands especially in food processing and quality control as well as maintaining disease-resistant strains. This gives much opportunity for students to take up a Teaching profession in Colleges.

On-Job Training

OJT programme was implemented, and the training is given to students of all batches since 1998. As far as the vision of the Institute is concerned this is a Best Practice adopted to achieve the main objective of the Institute namely, to provide well trained personnel in the field of Aquaculture.

This training is given to students during the second semester of the course in well known national fisheries institutes like NIFPHAAT, CIFT, Dept. of Fisheries, Govt. of Kerala etc. The main programmes of the training include:

1. Fish processing Technology
2. Post Harvest Technology
3. Fish Microbiology
4. Hazard Analysis and Critical Control Point (HACCP)
5. Fish Hatchery Management

Students who successfully complete the training programme always get better placements in reputed fish processing companies from where they are sent for Export Inspection Certification. Once they get the approval from the Export Inspection Agency (EIA) they are eligible for getting better placements in reputed fish/food processing companies as quality control inspectors, Food safety managers etc., both within and outside India. A good number of students from the Institute have succeeded in procuring such placements.

Place:

Date:

DIRECTOR