



TKM COLLEGE OF ARTS & SCIENCE

KOLLAM, KERALA - 691 005

(Aided by Government of Kerala & Affiliated to University of Kerala)
Re-accredited by NAAC with **A++** Grade



Best Practice I

BEST PRACTICE I

Academic Interventions Initiatives (AII) “Educate to Empower”

Epitomises the vision and mission of the institution

Centralised initiative to streamline the efficacy of various academic activities and reforms

Objectives

- 100 per cent ICT infiltration in classrooms
- Reforms to facilitate student progression into higher education/research
- Orienting classroom learning towards skill and employability enhancement
- Additional support for underprivileged students – monetary, educational resources, IT facilities access etc.

Context

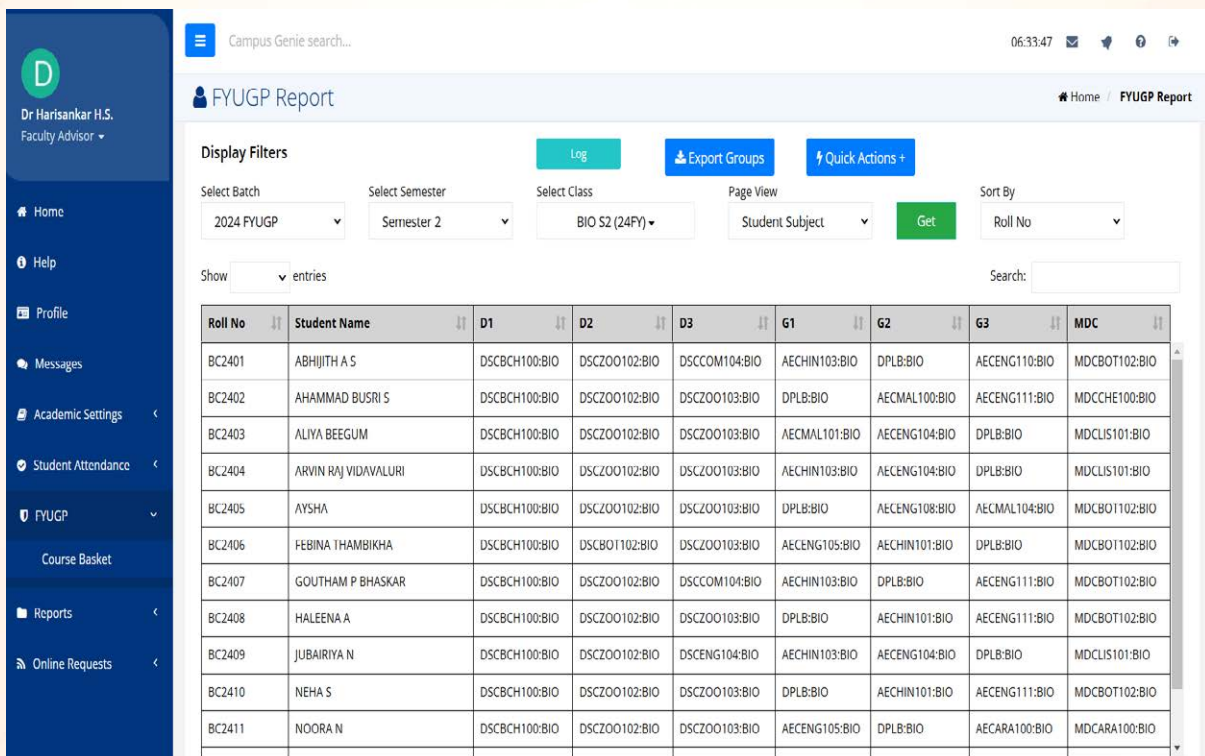
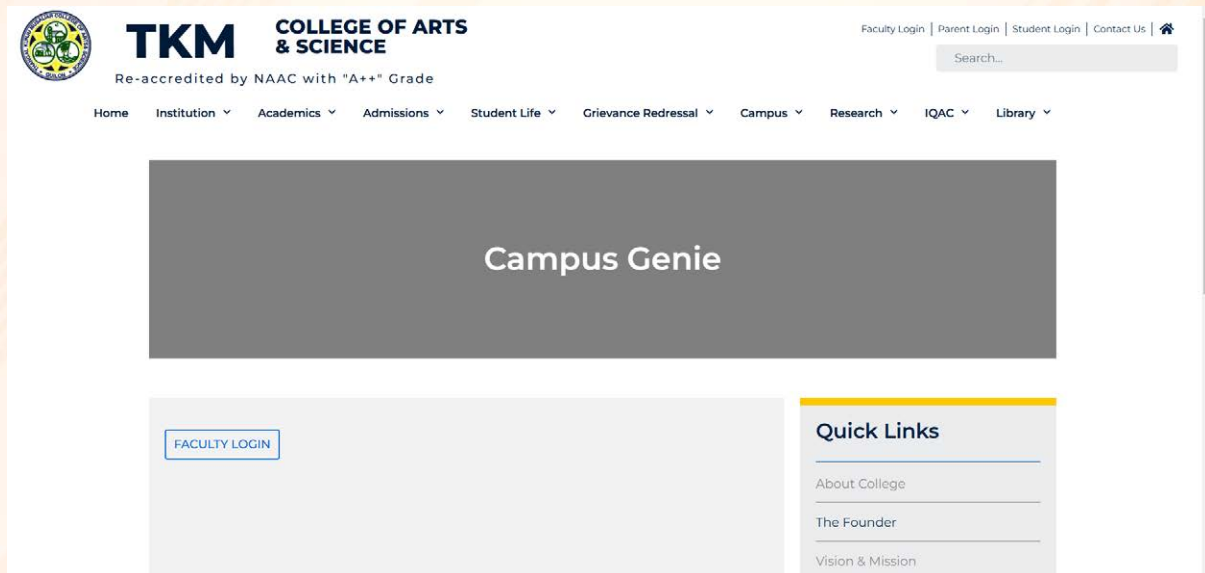
As a nation, India is moving towards a knowledge economy and society. Since 2014, the Government of India and MHRD has focused on moving the higher education sector towards a more multidisciplinary orientation while guaranteeing increased access, equity and inclusion. T. K. M. College of Arts and Science envisaged the aims and objectives of the **Academic Interventions Initiatives** taking this vision of the Central Government into account.

Practice

Academic Interventions Initiative (AII) – includes strategies and measures instituted to enhance the efficacy of the teaching-learning process and faculty empowerment programmes. The institution adheres to the UGC/NAAC/University stipulated outcome-based blended learning. Even before the onset of the pandemic, the college, under the aegis of the IQAC, had taken steps to supplement regular classroom teaching with ICT tools. The steps include:

Best Practice I

- **Upgradation of LMS from Campus Technology to Campus Genie which provides the facilities for timetable generation, hosting live classes, online examination, add-on courses, access to additional educational resources**



- **Certificate Courses specifically designed to enhance student employability**
- **Organization of faculty training programmes to educate faculties about various online educational resources and platforms.**

Faculty Training Programmes

- **Academic Enhancement Programmes (AEP)**

Academic Enhancement Programmes (AEP)

Date	Time	Session	Topic	Speaker
04/07/2023	07:30 pm - 09:30 pm	Session 1	Re-Energising Research in the Context of HEP	Prof. Dr. C.M. Nair, Director, C.T. Centre for Higher Education, University of Kerala
04/07/2023	09:30 pm - 11:30 pm	Session 2	How to Write a Compelling Proposal for the AEC of Higher Education Training	Dr. Chithra Gopinath, Director, C.T. Centre for Higher Education, University of Kerala
04/07/2023	07:30 pm - 09:30 pm	Session 3	Facilitating Innovation	Dr. S. Nair, Director, C.T. Centre for Higher Education, University of Kerala
04/07/2023	09:30 pm - 11:30 pm	Session 4	Designing Learning Pathways for Higher Education	Dr. S. Nair, Director, C.T. Centre for Higher Education, University of Kerala
07/07/2023	07:30 pm - 09:30 pm	Session 5	Recent Regulatory Frameworks in the Area of HEP Comprehensive Overview of HEP, KSHCE	Dr. S. Nair, Director, C.T. Centre for Higher Education, University of Kerala
07/07/2023	09:30 pm - 11:30 pm	Session 6	Local Deployment of Knowledge in the Area of Science, Writing	Dr. S. Nair, Director, C.T. Centre for Higher Education, University of Kerala
10/07/2023	07:30 pm - 09:30 pm	Session 7	Building Evidence-Based Learning Pathways	Dr. S. Nair, Director, C.T. Centre for Higher Education, University of Kerala
10/07/2023	09:30 pm - 11:30 pm	Session 8	HEP Learning Lab	Dr. S. Nair, Director, C.T. Centre for Higher Education, University of Kerala

• IQAC-led Research Initiatives (IRIS)

IQAC-led Research Initiatives (IRIS)

T.K.M. COLLEGE OF ARTS & SCIENCE
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One day National Level Workshop on
"Fundamentals and Applications of Spectroscopy"
Organized by
Department of Biochemistry
In association with
IQAC and Research Cell, TKMCAS.

Date: 11th August 2023
Time: 10.30am
Venue: Seminar Hall, T.K.M.C.A.S

REGISTRATION
Registration fees: For Students/ Research scholars: Rs. 100/-
Scientists/ Faculty: Rs. 150/-
(Registration fee includes: Notepad, Pen and Refreshments. No lunch will be provided)
Registration Link: <https://forms.gle/377ABX0V5h6u6e1F06>
Payment Mode: G-pay Number: 9895349187
UPI ID: harsankar@tkmcas

PROGRAM SCHEDULE
Friday 11th August 2023
MORNING SESSION - I
9.30am: Welcome by Dr. Harisankar, H.S., Assistant Professor, Department of Biochemistry
Presidential Address by Dr. Chitra Gopalethy, Principal, T.K.M. College of Arts and Science
Felicitation by Dr. Anas, S., Coordinator, Research Cell, TKMCAS
Dr. Latha, B., Head, Department of Biochemistry
10.30am: Technical Session - I: "Characterizing visible and invisible proteins using solution NMR spectroscopy"
Speaker: Dr. Ajith Kumar, A., Wellcome Trust Early Career Research Fellow, Molecular Biophysics Unit, Indian Institute of Science (IISc), Bangalore, 12, India
11.30am: Technical Session - II: "Unravelling Molecular Secrets: An Expedition of UV and Infrared Spectroscopy"
Speaker: Dr. Rujith, S., Associate Professor in Chemistry, Sree Narayana College, Kollam, Kerala, India
12.30 pm: Demonstration of FT-IR
Resource Person: Ms. Swathy U.S., Research Scholar, Dept. of Chemistry, T.K.M.C.A.S
12.45 pm: Lunch Break
2.30pm: Demonstration UV-Vis Near IR Spectroscopy
Resource Person: Ms. Reetha Mariyam Jacob, Research Scholar, Dept. of Chemistry, T.K.M.C.A.S
2.45pm: Valedictory Function
3.45pm: Vote of Thanks
Resource Person: Ms. Ajitha, A., Assistant Professor, Department of Biochemistry

ORGANIZING COMMITTEE
Dr. Latha, B., HOD, Department of Biochemistry
Dr. Anas, S., Coordinator, Research Cell and RCI, Department of Chemistry, TKMCAS
Dr. Harisankar, H. S., Assistant Professor, Department of Biochemistry
Dr. Anil, P. H., Assistant Professor, Department of Biochemistry
Dr. Sanku, S., Assistant Professor, Department of Biochemistry
Dr. Sunitha, A.S., Assistant Professor, Department of Biochemistry
Dr. Sridharsathy, S., Assistant Professor, Department of Biochemistry

T.K.M. COLLEGE OF ARTS & SCIENCE
Kollam, Kerala, India, Ph: 0474-270240, 271887
Email: tkmcas@tkmcas.com, www.tkmcas.ac.in

മിസ്റ്റർ ഇടവെടൽ ദക്ഷിണ റെസിൻഡൻ്റ്
8/11/23 10:42 AM
Peroor
Kottamkara
Kerala
Altitude:-44.5m

Reinventing Research in the Context of NEP

GPS Map Camera

Kollam, KL, India
Karicode, Kollam, 691005, KL, India
Lat 8.915035, Long 76.634791
07/04/2023 02:03 PM GMT+05:30
Note : Captured by GPS Map Camera

How to Write a Compelling Proposal: the ABCs of Procuring Research Funding



COUNSELLING ASSISTANCE AND RESOURCES FOR EDUCATION (CARE)

Counselling Assistance and Resources for Education (CARE) exclusively caters to the needs of slow learners by providing them assistance with lab sessions, mock tests, and additional learning materials. The CARE project embodies a thoughtful and inclusive approach to student development. Addressing different academic and personal growth aspects fosters a learning environment where all students can thrive.

➤ **Mentor-Mentee Coaching**

This strategy is pivotal in building meaningful relationships between mentors and mentees. It can include regular check-ins, goal-setting sessions, and life skills coaching. Effective mentor-mentee coaching helps students navigate academic challenges and provides emotional support, encouraging personal growth and resilience.

➤ **Remedial Classes**

These sessions can be tailored to focus on specific subjects or skills where students face difficulties. Incorporating varied teaching methodologies, such as interactive lessons, practice exercises, and peer learning, can enhance the effectiveness of remedial classes. Frequent assessments can help track progress and adjust strategies as needed.

➤ **Support for Slow Learners**

Personalised learning plans are crucial here. These include one-on-one tutoring, adaptive learning tools, and access to learning aids like videos and interactive modules. Encouraging a growth mindset and recognizing small achievements can significantly boost confidence and motivation.

➤ **Workshops and Skill Development:** Adding workshops on study skills, time management, and stress management can help students build holistic abilities.

JEEVANI PROGRAMME: AIM AND FUNCTIONING

Jeevani – a preventive and promotional Mental Health and wellbeing has started in our college on January 1. The objective of Project Jeevani is to improve awareness and promote mental health along with ensuring early identification of psychological issues among students. As a part of this Jeevani conducted programmes for creating awareness about Mental Health and provided counselling for students having psychological issues.

JEEVANI SITE:

<https://www.governmentcollegeattungal.in/index.php/studentcorner/jeevani>

- **JEEVANI COMMITTEE MEMBERS**

College level Jeevani Committee consisting of chairman (Principal- Dr Chithra Gopinath) Jeevani coordinator (Dr Rohini krishna M V, Assistant Professor, Department of Zoology), and Mental health Professional (Jija Mol J, Psychology Apprentice).

- **JEEVANI COUNSELLING ROOM**

The counselling room is spacious and consists of one chair (for counsellor), two chair (for clients) and one table

- **JEEVANI SERVICES**

As part of the programme the services offering to the students are

1. Counselling for students having psychological issues.
2. Conducting of programmes for creating awareness about mental health.
3. Early detection of student's problems.
4. Development of Social Skills among students.
5. Development of life skills among students.
6. Development of mental health.
7. Individual and group counseling sessions.
8. Psych education to both students and parents.

Best Practice I

A. Number of Sessions

- Total Number of students who availed counselling services: 26
- Number of New Cases: 26
- Number of Follow-up sessions: 43
- Number of Referral: 1
- Number of various categories:
 - Male- 8
 - Female-18
 - UG-26
 - PG-0
 - PhD students-0

B. Nature of Stressors reported by the student:

- Academic: 13
- Financial: 2
- Family Related: 3
- Relationship issues: 3
- Career-related: 2
- Crisis: 1
- Active Suicidal Ideation: 1
- Not Specific: 0

C. Type of Referral:

- Self-Reference: 20
- Teachers: 3
- Friends, peer group etc.: 3
- Family: 0

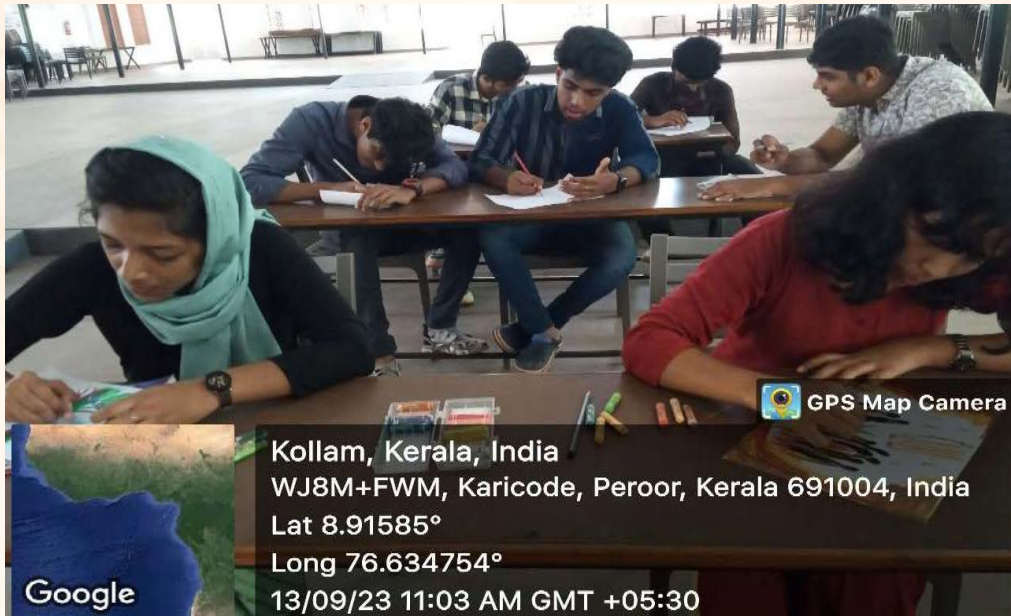
D. Nature of Intervention:

- Individual / Family counselling: 15
- College level intervention: 3
- Others: 0

E. Provisional Diagnoses:

1. Family Related Issues.
2. Relationship Issues.
3. Anxiety Issues.
4. Study Related Issues.
5. Social Anxiety.
6. Peer group Issues.
7. Over thinking.
8. Phone over usage
9. Sleep disturbances.
10. Career Related issues.





Best Practice I

Under the guidance of CACEE (Centre for Adult Continuing Education and Extension), Microsoft Office Programmes are provided to students to develop valuable skills and knowledge. These programmes help students become proficient in using Microsoft Office tools such as Word, Excel, PowerPoint, and Outlook. Such programmes can be incredibly beneficial for both personal and professional development.

Sl. No.	Name	Reg. No.	Department	Semester 3	Semester 4
1.	Fathima A.	24522142025	Botany	20	20
2.	Fathima K.	24522142026	Botany	20	20
3.	Shibina B.	24522142034	Botany	20	20
4.	Safeer Muhammad	15922142106	B.Com C.A.	20	20
5.	Hana J. Pampalil	24522142030	Botany	20	20
6.	Aisha N.	14122142034	Islamic History	20	20
7.	Amina S.	14122142038	Islamic History	20	20
8.	Muhammed Ali Jouhar	14122142047	Islamic History	20	20
9.	Muhammad Sajad S.	24522142006	Botany	20	20
10.	Gayathry S.	24522142029	Botany	20	20
11.	Jayalekshmi B.	24522142031	Botany	20	20
12.	Anshad S.	14922142014	Economics & Mathematics	20	20

COACHING/ASSISTANCE AT THE DEPARTMENT LEVEL FOR QUALIFYING/ENTRANCE EXAMINATIONS

Students are given coaching/assistance for cracking qualifying examinations (like NET, SET, SLET, GATE) as well as entrance tests for admission into various state research departments as well central universities.

CAREER GUIDANCE COUNSELLING AT DEPARTMENT LEVEL AND IQAC-LEVEL

National Workshop on Fundamentals and Applications of Spectroscopy

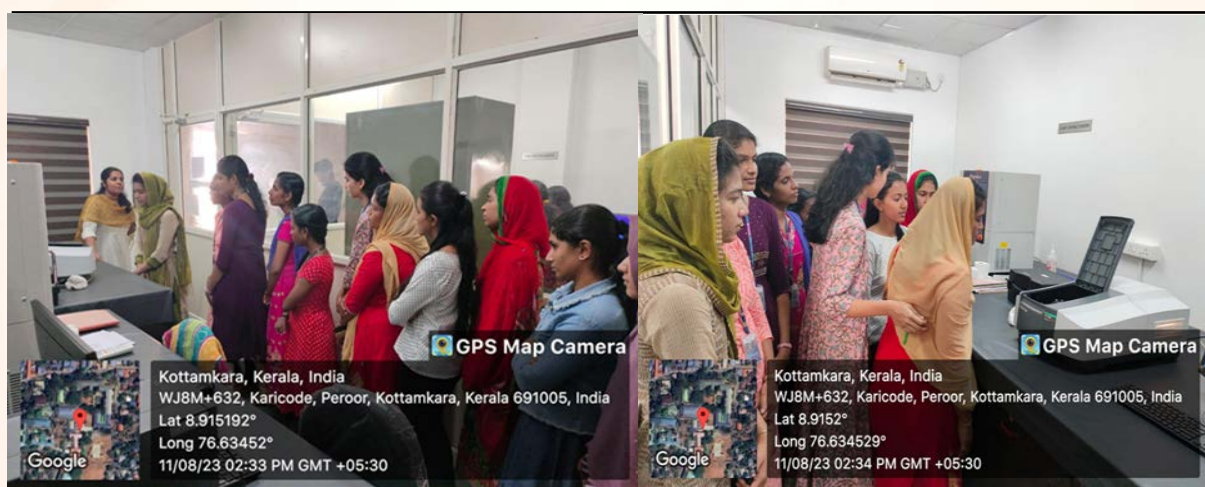
The Department of Biochemistry in collaboration with the Research Cell and IQAC of TKM College of Arts and Science, Kollam, Kerala, India, organized a National Level One- Day Workshop on “Fundamentals and Applications of Spectroscopy.” on August 11, 2023. The primary objective of the workshop was to provide participants with a comprehensive understanding of the principles and practical applications of spectroscopy across diverse fields. The workshop aimed to enhance attendees’ knowledge and ensure they remain abreast of the latest advancements in spectroscopic techniques. Dr. Ajith Kumar A. from the Indian Institute of Science (IISc), Bangalore, delivered an enlightening presentation on “Characterizing Visible and Invisible Proteins Using Solution NMR Spectroscopy.”



Moments from the Fundamentals and Applications of Spectroscopy Workshop



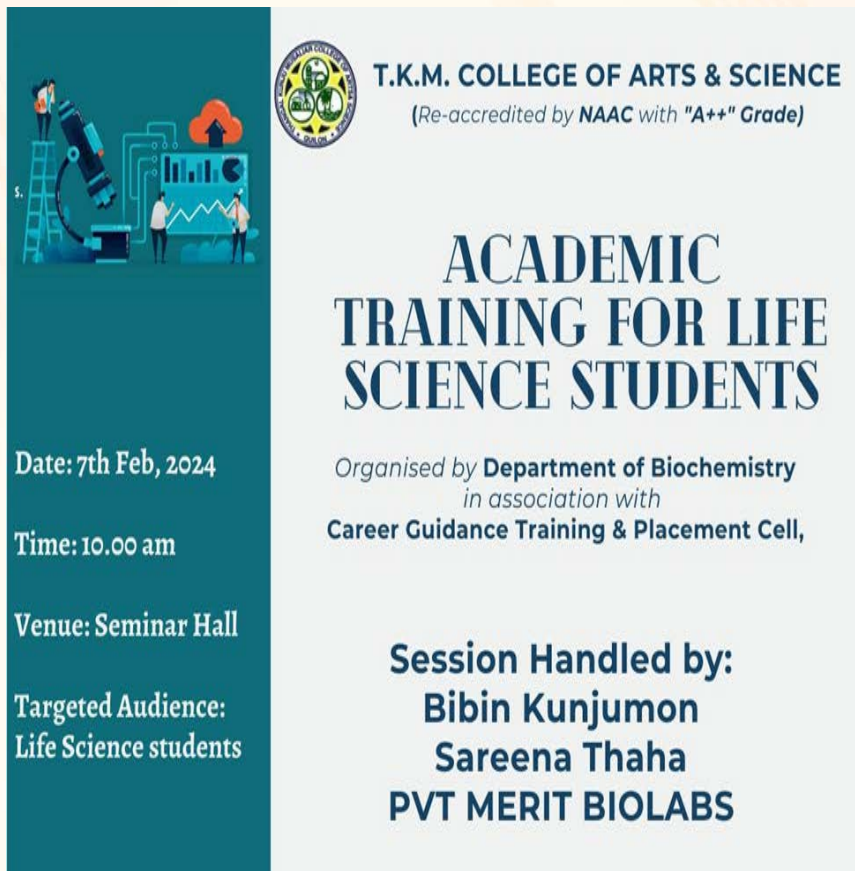
Captures from the Spectroscopy Workshop



Hands-on demonstrations of various spectroscopic instruments

The event succeeded in its mission to impart valuable insights into the principles and practical applications of spectroscopy, equipping attendees with the knowledge and skills to remain at the forefront of advancements in this field.

Academic Training for Life Science Students



The poster is divided into two main sections. The left section has a dark teal background and contains event details in white text. The right section has a light blue background and contains the college name, accreditation, and session details in dark blue text. At the top left of the poster is an illustration of a person using a microscope, a person at a computer, and a person at a presentation board. At the top center is the college logo.

T.K.M. COLLEGE OF ARTS & SCIENCE
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ACADEMIC TRAINING FOR LIFE SCIENCE STUDENTS

Organised by **Department of Biochemistry**
in association with
Career Guidance Training & Placement Cell,

Session Handled by:
Bibin Kunjumon
Sareena Thaha
PVT MERIT BIOLABS

Date: 7th Feb, 2024
Time: 10.00 am
Venue: Seminar Hall
Targeted Audience:
Life Science students

The Departments of Biochemistry and Zoology, in collaboration with the Placement Cell of T.K.M. College of Arts and Science, organized an **Academic Orientation Programme** for students of Biochemistry and Zoology on **7th February 2024**. Held at the Zoology Laboratory, the event was conducted in association with **Merit Biolabs Pvt Ltd** and **Seto International Training and Consultancy**, aiming to highlight the importance of the **HACCP course** and the career opportunities it offers. **Mrs. Sereena Thaha (Seto International Training and Consultancy)** emphasized how this internationally recognized certification can open doors to high-quality, well-paid jobs in India and abroad.





Orientation Program for Life Science Students

The event also featured an engaging **interactive session**, where students posed their queries to the resource persons. This open dialogue helped clarify various aspects of the training and career opportunities discussed.

This orientation programme successfully provided students with a comprehensive understanding of career prospects in life sciences, inspiring them to strive for excellence and make informed decisions for their future endeavors.

JOB ORIENTATION PROGRAMME ON “INTRODUCTION TO PATENTS AND CAREER OPPORTUNITIES”

The “Job Orientation Programme on Introduction to Patents and Career Opportunities” was organized on the 31st of July 2023, 12.00 PM at the Multimedia Lab of T.K.M. College of Arts and Science in Kollam, Kerala, India. The event was organized by the Department of Biochemistry in collaboration with the Career Guidance Training and Placement Cell.

The Controller General of Patents, Designs, and Trade Marks (CGPDTM) has recently announced the CGPDTM Patent Examiner Recruitment 2023, offering a remarkable opportunity to recruit 553 Patents & Designs Examiners. Recognizing the significance of this opportunity, the Department of Biochemistry, in collaboration with the Career Guidance Training and Placement Cell of T.K.M College of Arts and Sciences, organized a Job Orientation Programme to empower prospective candidates to make the most of this exceptional career opportunity. The program was specifically designed to assist Biochemistry, Chemistry, and Physics postgraduate students in their preparation for the CGPDTM Patent Examiner Recruitment.




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**JOB ORIENTATION
PROGRAMME ON
"INTRODUCTION TO PATENTS
AND CAREER OPPORTUNITIES"**

Organised by **Department of Biochemistry**
in association with
Career Guidance Training & Placement Cell,

Date: 31 st July 2023

Time: 12.00 pm

via **GOOGLE MEET**

Talk by
SMT. PARVATHY S,
**ASSISTANT CONTROLLER OF
PATENTS AND DESIGN,
INDIAN PATENT OFFICE,
KOLKATA.**




Registration Link:

<https://forms.gle/TUnFkU3Usdggmup38>

Google Meet Link:

<https://meet.google.com/ahm-rqwy-teo>

ORGANIZING COMMITTEE

Dr. Latha.B, HoD, Department of Biochemistry
Smt. Ajinza. A, Programme Co-ordinator
Smt. Soumya. S, Department of Biochemistry
Dr. Ansil.P. N, Department of Biochemistry
Dr. Sumayya. A.S, Department of Biochemistry
Dr. Harisankar. H. S, Department of Biochemistry
Dr. Jeena R, Co-ordinator, Career Guidance Training & Placement Cell

Welcome note:

SMT. AJINZA A

Assistant Professor, Dept
of Biochemistry

Presidential Address:

DR. CHITHRA GOPINATH,

Principal, T.K.M. College of Arts
and Science.

Inaugural Address:

SMT. PARVATHY S

Felicitation:

DR. LATHA. B,

Head, Department of Biochemistry

Vote of Thanks:

DR. JEENA R,


Co-ordinator, Career Guidance
& Placement Cell, TKMCAS

NATIONAL SCIENCE DAY OBSERVANCE


MOVING TOWARDS A KNOWLEDGE SOCIETY

CHANGING PARADIGMS IN KNOWLEDGE
MANAGEMENT, SCIENCE EDUCATION, RESEARCH
AND ASSOCIATED CAREER PROSPECTS

FRIDAY
10.00 AM
1 MARCH 2024



SPEAKER
Dr. JOSHY JOSEPH
PRINCIPAL SCIENTIST
NIIST, TRIVANDRUM



VENUE

SEMINAR HALL
**TKM COLLEGE OF ARTS
AND SCIENCE, KOLLAM.**

TKM COLLEGE OF ARTS AND SCIENCE, KOLLAM

MOVING TOWARDS A KNOWLEDGE SOCIETY

WELCOME	Dr. S. Anas <small>(Asst. Professor & HoD, Department of Chemistry, TKMCAS)</small>
PRESIDENTIAL ADDRESS	Dr. Chithra Gopinath <small>(Principal, TKMCAS)</small>
INAUGURATION, TOPIC PRESENTATION & AWARD DISTRIBUTION	Dr. Joshy Joseph <small>(PRINCIPAL SCIENTIST, NIIST, TRIVANDRUM)</small>
FELICITATION	Dr. Sumalekshmy. S <small>(Asst. Professor & IQAC Coordinator, TKMCAS)</small>
VOTE OF THANKS	Dr. Siyad. M. A <small>(Asst. Professor, TKMCAS)</small>
ORGANIZING COMMITTEE	Mrs. Sherifa Rahim Dr. Abdul Rahim. M. K. Dr. Tharun. A. Rauf Dr. Simimole. H. Dr. Divesh Kumar. K. V. Mrs. Irfana Mrs. Vrinda Raj



Career guidance moving towards knowledge society

On March 01 2024, Dr. Joshy Joseph, Principal Scientist and Associate Professor at NIIST, Trivandrum delivered an insightful seminar to college students on the topic of “Science Education and Career Advancement”. The event, organized by the Dept. of Chemistry aimed to provide students with a comprehensive understanding of how science education can shape their future career paths and the various strategies they can employ to succeed in a competitive job market.

INTERNATIONAL CONCLAVE ON US TAX CAREERS

Initial meeting with ASAP Kerala by the faculties of Department of Commerce on 9th February, 2024 for organizing the event



Best Practice I

In continuation of the visit of the Honourable Chief Minister of Kerala to the US in June 2023, during which he engaged with leaders of industry in the fields of finance and taxation, TKM Group of Institutions and Additional Skill Acquisition Programme, Kerala (ASAP, Kerala), a Government of Kerala Company under the Department of Higher Education, were jointly organized an International Industry-Academia Conclave on opportunities in US Taxation. The Conclave was held on 17th February 2024. This program was chaired by Dr. Usha Titus IAS (Retd), Chairperson & Managing Director, ASAP Kerala.





Valedictory Function at TKM College of Arts and Science



Student interaction with representatives from top US accounting firms such as H&R Block, KPMG, Ernst & Young, GR8 Affinity, Nexdigm, and GT

CAREER GUIDANCE SESSIONS CONDUCTED WITH MOU PARTNERS -LOGIC SCHOOL OF MANAGEMENT AND ISDC



IMPLEMENTATION OF DIGICOL (GOK INITIATIVE)

1/9/25, 11:29 PM

Course: PHYSICS IN ARTS AND SPORTS

PHYSICS IN ARTS AND SPORTS

[Dashboard](#) / [Courses](#) / [FYUGP Physics](#) / [SEM1](#) / [UK1MDCPHY103](#)Course Overview

Course Teachers

1. Teacher1 : Mohammed Salim. M
2. Teacher2: Aparna L R

[Announcements](#)[Test1](#)[Mark as done](#)Notice Board [Syllabus](#)https://www.duk.ac.in/digital_tkm/course/view.php?id=54

1/2

1/9/25, 11:29 PM

Course: PHYSICS IN ARTS AND SPORTS

Mark as done

INTRODUCTION

PHYSICS OF PAINTING & PHOTOGRAPHY

PHYSICS OF MUSIC

PHYSICS IN SPORTS – I

Watch this Video

Mark as done

 Units

Mark as done

 Physics in Sports: part 1

Mark as done

PHYSICS IN SPORTS – II

You are logged in as admin admin (Log out)

Home

 Help and documentation

Data retention summary

Get the mobile app

EVIDENCE OF SUCCESS

1. The details of Faculty Training Programmes organized by IQAC are given below:

Year	No. of programmes
2019-20	14
2020-21	10
2021-22	04
2022-23	05
2023-24	07

2. College is one among ten institutions shortlisted for Let's Go Digital DigiCol initiative of the Government of Kerala. Under this scheme, the college can avail MOODLE server space and LMS sponsored by the government.
3. The number of certificate courses offered by various departments have risen progressively in the last five years. The details are given below:

Year	No. of certificate courses
2018-19	14
2019-20	26
2020-21	32
2021-22	33
2022-23	30
2023-24	29

4. The college has registered for G-Suite account and user IDs created for all faculty members and students. Every faculty member has a dedicated online platform (Google Classroom, Moodle, College LMS account) for sharing study materials, PowerPoint presentations and video lectures with students.

Best Practice I

- The student community uses NList services provided by the college library to access resources for preparation of assignments, projects.

Problems Encountered and Resources Needed

Sl No.	Problems Encountered	Resources Needed
1	Hesitation among students to adopt a blended learning system	Teachers organized informal online sessions to familiarize the students with various online educational resources; peer assisted learning was also encouraged. Resources needed: 100 percent digital access for all students
2	Digital literacy among teaching and non-teaching staff	Technical assistance from support staff
3	Teachers find it difficult to attend Faculty Empowerment Strategies due to the hectic CBCS academic calendar	Schedule to ensure all faculty members get equal opportunities to attend seminars/workshops/Faculty Development Programmes on a rotation basis



Web: www.tkmcas.ac.in | Email: tkmarts@gmail.com





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COMMUNITY OUT REACH PROGRAMMES (COP)

LEND A HAND
NURTURE
THE SOCIETY



Best Practice II

BEST PRACTICE -II

Lend a Hand Nurture the Society

Aims and Objectives

The aims and objectives of COPS are listed below:

Community outreach programs at our college aims to foster a strong connection between the institution and the surrounding community while promoting holistic development.

1. **Fostering Community Connections:** Building strong relationships between the college and the local community through various outreach initiatives.
2. **Promoting Inclusive Education:** Providing educational resources and support to underprivileged and marginalized groups.
3. **Cultivating Leadership Skills:** Encouraging students to develop leadership and communication skills through collaborative projects and leadership opportunities.
4. **Enhancing Social Wellness:** Organizing health-awareness programs, check-up camps, and campaigns to promote overall well-being.
5. **Environmental Stewardship:** Raising awareness about environmental sustainability through activities like tree-plantation drives and water-conservation campaigns.
6. **Addressing Social Issues:** Tackling social issues such as child trafficking, human rights, and child marriage through awareness campaigns and support programs.
7. **Cultural Enrichment:** Encouraging participation in cultural and artistic activities to enrich community life.
8. **Empowering Students:** Helping students become proactive leaders who understand the importance of giving back to society.

These programs aim to create a positive impact on individuals, communities, and society at large by promoting social responsibility and civic engagement.

THE CONTEXT

T.K.M. College of Arts and Science has always regarded community engagement as essential to a well-rounded education. The founder's vision was to shape generations of students who would prioritize societal upliftment over individual gain and success. In 2018, the college formalized and organized its various longstanding community engagements under a single initiative called Community Outreach Programmes (COPS). This initiative is well-coordinated with several central and state government schemes, such as Unnat Bharat Abhiyan, Poshan Pakwada, Swachh Pakwada, and Swachhata hi Seva, NSS, NCC and around 15 clubs, aiming to facilitate community development through the active involvement of both teachers and students.

THE PRACTICE

The college has organized various kinds of initiatives ranging from awareness programmes to relief work during natural disasters. The specifics of the various initiatives are given below.

BLOOD DONATION CAMP

A blood donation camp was conducted at College Auditorium on November 10, 2023, from 9:00

AM to 12:30 PM. The camp aimed to encourage voluntary blood donation and support the needs of patients in government hospitals. The event was organized by the Department of Biochemistry, Health Club, NCC, HDFC and All Kerala Blood Donors Society (KEBS). The blood was collected by the blood bank wing of the Government Medical College, Kollam.

T.K.M. College of Arts and Science, Kollam
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www.tkmcas.ac.in

VOLUNTARY



BLOOD DONATION CAMP

Jointly Organized by
 Department of Biochemistry, Health Club & 9(K)Bn. NCC

In association with
 All Kerala Blood Donors Society (KEBS), Govt. Medical College, Kollam & HDFC Bank



10th (Friday) November, 2023
9:00 AM - 12:30 PM



Auditorium

BLOOD DONORS ARE LIFE-SAVERS
GIVE BLOOD, SAVE LIFE

FOR MORE DETAILS*CONTACT:
Dr. Ansil P. N.
 9495794967; ansil@tkmcas.ac.in






Best Practice I



RECOGNITION FOR EXCELLENCE IN VOLUNTARY BLOOD DONATION INITIATIVES

On March 8th, 2024, the Department of Biochemistry, T.K.M. College of Arts and Science, Kollam, was honored by the Kerala Blood Donors Society (KEBS) for organizing numerous successful voluntary blood donation drives. The award ceremony took place at 10:30 AM at the YMCA Hall in Thiruvananthapuram, as part of the 21st anniversary celebration of KEBS.

Dr. Latha B., the Head of the Department of Biochemistry, received the award on behalf of the department. The event was marked by a presidential address delivered by Smt. Lida Jacob, IAS (Retd.). The inauguration and award distribution were conducted by Sri. Sudhir K. IAS, Director of Collegiate Education, Government of Kerala. The specific award received was the Dr. Ruchi Sharma Memorial Blood Donation Award, recognizing outstanding contributions to voluntary blood donation initiatives. The recognition from KEBS highlights the commitment and efforts of the Department of Biochemistry in promoting and organizing blood donation drives, demonstrating a strong sense of social responsibility and community service.




ALL KERALA BLOOD DONORS' SOCIETY (KEBS)

21ST ANNIVERSARY CELEBRATION

INTERNATIONAL WOMEN'S DAY 2024

Dr. RUCHI SHARMA MEMORIAL BLOOD DONATION AWARD DISTRIBUTION

 **08th March 2024**
 **10:30 AM**
 **YMCA HALL, STATUE, TRIVANDRUM**

In The Memories Of




Sri. U Suresh (Late) Sri. Baiju Nellimoodu (Late)



On the occasion of International Women’s day, March 8, 2024, All Kerala Blood Donors Society (KEBS) honored Dr. Latha B, Department of Biochemistry for her exceptional contributions to organizing multiple blood donation camps in the college in a function organized at YMCA hall, Thiruvananthapuram



SNEHAPANKU - NOURISH WITH LOVE

Food is a basic necessity for human life; without it, survival is impossible. However, there are many individuals who struggle to afford even a single meal a day. In recognition of this, our NSS unit decided to launch a new initiative called 'SNEHAPANKU,' aimed at providing food to those in need. The program commenced on 9th August 2023 and continued throughout the year. This year-long initiative involved collecting food packets from the homes of volunteers and distributing them to people in need. The smiles that appeared on the faces of those we helped brought immense satisfaction to all of us. It also served as a powerful reminder of the value of food and how fortunate we are to have access to it.



VILLAGE ADOPTION

Onam is the national festival of Kerala. It is the celebration of harvesting and harmony. These are the days of enjoyment and celebration in each houses of Kerala. But still there are houses where they won't be able to celebrate as others due to certain reasons. In reality they may also have the longing to celebrate Onam as others. It our responsibility as the fellow beings to understand and help them with the necessary requirements. Taking this into consideration the NSS unit of our college had decided to help such needful people around us in our adopted village. On visiting their homes we were so satisfied with the fact that we had not only considered us during this great time of festivity but others too.



GANDHI BHAVAN ONAM VISIT

NSS unit of our college had decided to spend our onam with the residents of Gandhibhavan, Kottamkara, Kollam. We went to see them with gifts that we could provide them. We had spent a lot of time with the people there. The mothers and fathers present there shared their Onam memories and how they used to celebrate in olden days. They were overwhelmed with emotions which can be identified from their words and their eyes. It shared their emotion. How they missed their family it was clearly evident from their stuttering voice.



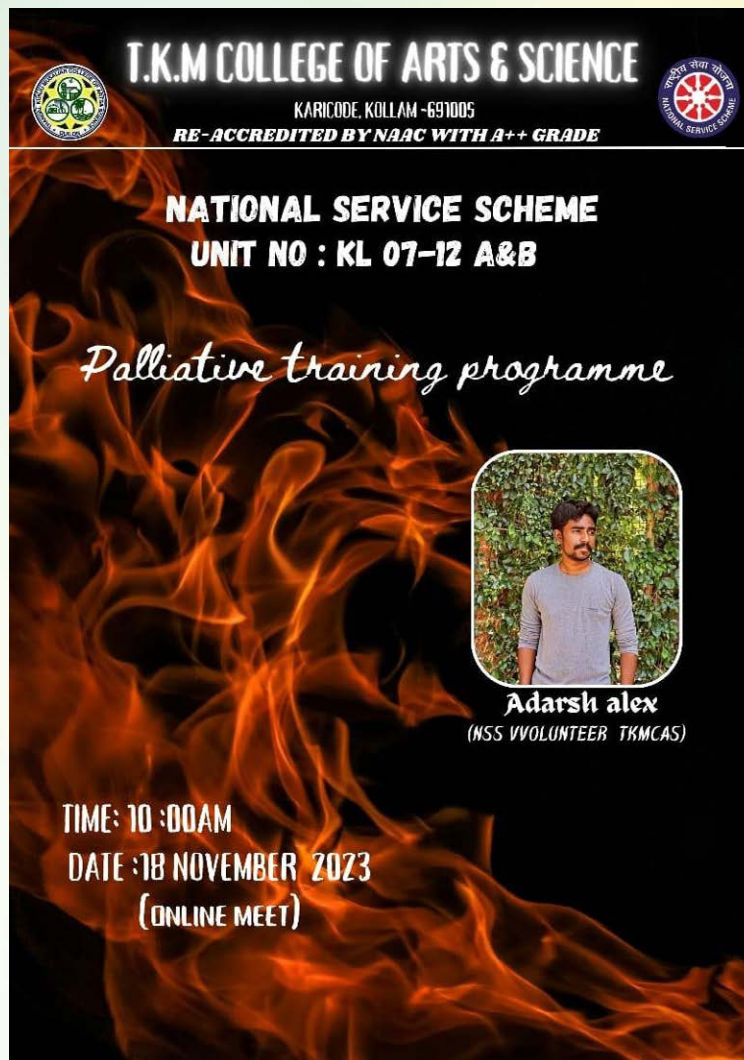
ARTIFICIAL LIMP FITTING CAMP

Our NSS unit in association with Rotary club, Thangasherry and Kims Health Centre had organized a free artificial limb fitting camp at our college. The entire necessities required for the smooth running of camp was arranged by the volunteers of our college. It was a free limb fitment camp for about 60 patients, who are really needful. The first phase camp was to do a medical checkup for the beneficiaries by expert doctors from Kim's and to take the measurement of their limb that is to be casted. The official inauguration of the camp was done by our principal Dr. Gopinath. Our program officer Dr. Sulfiya Samad, the official of rotary club and the doctors from Kim's hospital delivered the felicitation. The satisfaction that all our volunteers gained through such an activity was really filling our hearts. Eagerly watching forward for more such actions.



PALLIATIVE CARE TRAINING, VISIT AND GROCERIES SUPPLY

Palliative care has always been the major area of activity of NSS. Proper training always make us enable to act wisely and accurately in perfect time. Our senior volunteer Adarsh Alex, who got an intensive training by participating in state level Palliative training camp. It was an online training program which was led by volunteer Adarsh.



There are a lot of people around us who are even being neglected by the authorities but are really needed to be given concern. Several such persons are around us and do need our help. Through the survey on Palliative day we came across certain people in our adopted village who really needs our help even to meet the daily necessities.

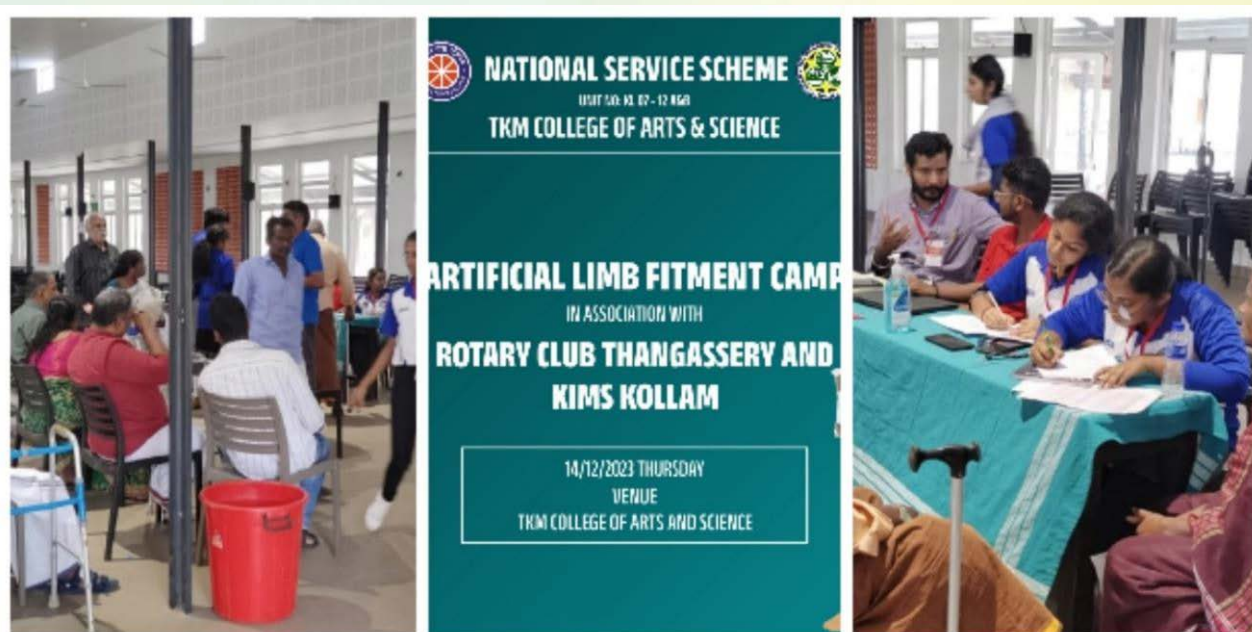
WHEEL CHAIR DONNATION

As per the needs put forward by the needful ones on our last home visit, we had arranged a wheelchair. At 4 pm we visited the house of the beneficiary along with our principal. Principal Dr. Chitra Gopinath had done the handing over of the wheelchair.



ARTIFICIAL LIMB FITTING CAMP

Humanity at its peak is always a peace to all humans to believe and appreciate the existence of kindness. As the humans consider others too, the arising of selfless service occurs. Selfless services and impactful activities are two way gifts, which provides happiness to ones who does service as well as to the ones who receive it. Moreover it will also be a encouragement for others to get involved in such activities.



The second phase of Artificial Limb Camp organized by our NSS unit in association with Rotary club, Thangasherry and Kim's health care was conducted on 14th December. Followed by the welcome speech delivered by the chairman of Rotary club Listing Fernandez. The presidential address was rendered by Georgy Philip, President rotary club Thangasherry. The chief guest of the function was Dr. Mubarak Pasha, Vice - chancellor, SN open university. He inaugurated the event and rendered inaugural address. The keynote address were delivered by Alex Koshy, District secretary General rotary club, Dr. Chitra Gopinath, principal, TKM College of Arts and Science and Dr. Aneena Fatima, consultant Kim's limp Centre. Then the other dignitaries on the dias delivered felicitation speech. Then the meeting came to an end with the vote of thanks.

CAGE CULTURE FARMING FIRST STUDENT START UP SC-ST STUDENT PROJECT



T.K.M. College of Arts & Science, Kollam

DEPARTMENT OF ZOOLOGY

In collaboration with

VIZHINJAM REGIONAL CENTRE OF CMFRI

2nd Stage seeding of cage culture

Location: Vellimon sector of Ashtamudy Lake

Time: 10.30 am

The department of Zoology, TKM College of Arts and Science, in collaboration with ICAR-Central Marine Fisheries Research Institute (CMFRI), has been carrying out Cage Culture of Pearl Spot (*Etroplussuratensis*) in the Vellimon sector of Ashtamudy Lake from 18-2-2022 onwards. This is the first Student Project of CMFRI. This Cage Culture farming is the first student Start Up of our college was effectuated by seven SC students of the department of Zoology. 23-12-2022 marked the harvesting and sale of fishes from the cage, and the inauguration of the next batch of integrated multitrophic level aquaculture involving fishes, mussels and edible oysters. On 14-2-2023 the second stage seeding of the cage was carried out. New members of the group Zooaqua TKMCAS were given training by Aparna J.S, former president of the group. As the final year students from the group were passing out from the college, new members from 1st year were added. The new members and their designations are the following Arjun krishna (II BSc Zoology, President), Akhil. C (II BSc Zoology, Secretary), Yedhu Krishnan (I BSc Zoology, treasurer), VichuVilochanan (I BSc Zoology Member), Abhjith (I BSc Zoology, Member) and Athulya Narayanan (I BSc Zoology Member). Interested students from the I BSc Zoology were also included. The programme started at 10.30 am and 1500 seeds of *Etroplus* were transported from a fish trader and deposited in the cage. The fishes were transported in a syntax tank and were transported to the cage from the shore in transparent buckets at the rate of 100 fishes per bucket.



Eetroplus seeds for deposition



New members of Zooaqua at the Cage



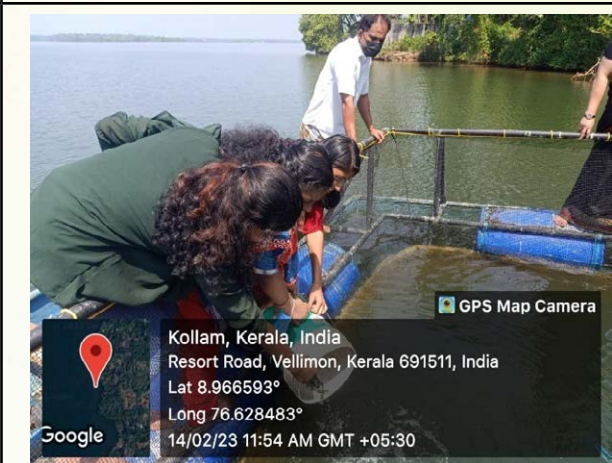
Faculty members at the Cage



Fish deposition by, Dr. Sumalekshmi and Dr. Rohini Krishna.



Fish deposition by Dr. Jasin Rahman, Dr Mumthas. Y and Dr. Mustafa



Fish deposition by Dr. Salini and students

Mathrubhumi 15/02/2023

Malayala manorama 15/02/2023

T.K.M. COLLEGE OF ARTS AND SCIENCE, KOLLAM

(Accredited by NAAC at A++ level)
(Affiliated to the University of Kerala)
TKMCE P.O. Kollam - 691 005, Kerala

ICAR-CENTRAL MARINE FISHERIES RESEARCH INSTITUTE

VIZHINJAM REGIONAL CENTRE OF CMFRI, THIRUVANANTHAPURAM

CERTIFICATE

This is to certify that **Sri. Arjunkturishna M** is a member of the Cage Fish Culture Group 'Zooaqua TKMCAS' formed by the Department of Zoology, TKM College of Arts and Science, Kollam in association with **ICAR- Vizhinjam Regional Centre of Centre Marine Fisheries Research Institute** and he has actively participated in the cage fish culture at Vellimon Sector of Ashtamudi lake, Kollam
(Awarded on 21.12.2022)

Dr. Rohini Krishna M. V
Assistant Professor
Department of Zoology
(Programme Co-ordinator)
TKMCAS, Kollam

Dr. Jasin Rahman V. K
Assistant Professor & Head
Department of Zoology
(Programme convener)
TKMCAS, Kollam

Dr. M. K. Anil
Principal Scientist & Head
(Programme Co-ordinator)
VRC of CMFRI

Dr. Chithra Gopinath
Principal
TKMCAS Kollam

www.tkmcas.ac.in

HAPPY KOLLAM PROJECT'

The 'Happy Kollam Project' at our College is an initiative aimed at promoting mental health and well-being among students. Launched in collaboration with the Nila Foundation. The primary goal of the project is to prevent suicides by providing mental health support and counseling to students. It also aims to create a supportive campus environment where students can openly discuss their mental health issues without fear of stigma. The project involves selected student volunteers and NCC cadets who will lead various activities and programs.

T.K.M. COLLEGE OF ARTS & SCIENCE
KOLLAM, KERALA - 691 005
Re-accredited by NAAC with "A++" Grade
(Aided by Government of Kerala & Affiliated to University of Kerala)

in association with
Nila Foundation
kindling smile across globe

Launches
HAPPY KOLLAM
Our Journey to Hope & Resilience
on 10th October 2023 at College Auditorium

On the occasion of
WORLD MENTAL HEALTH DAY
October 10

THE FOUNDER
JANAB A. THANGAL KUNJU MUSALIAR

nila

रा के को
NCC

Best Practice I

3 Kerala Girls Bn NCC in collaboration with NILA foundation launched Happy Kollam Project on October 2023. This team envisage suicide free campus building the vision of happier and more resilient Kollam. 20 cadets of 3 Kerala girls participated in the program.





Nila Foundation
kindling smile across globe

Nila Foundation

TO WHOM IT MAY CONCERN

This is to formally acknowledge and express our heartfelt gratitude to TKM Arts & Science College, Karikkodu, Kollam, for its strategic association and collaboration with Nila Foundation in the Social and Community Development Program conducted at Govt. Rosemala UPS, Achankovil, from October 2023 to October 2024.

Govt. Rosemala UPS is a marginalized school situated in one of the most remote and underserved areas of Kollam District Panchayat. Located far from the mainstream centers, the school serves children from a marginalized community that faces significant challenges due to its remote and outfitted location. Operated under the Government of Kerala Public Education System, the institution plays a vital role in providing foundational education and support to these children.

Your institution's remarkable contributions have profoundly impacted the lives of these children, fostering socio-emotional growth and significantly enhancing their educational progress. Through the dedicated involvement of your faculty, NSS, and NCC wings, the socio-emotional learning activities nurtured resilience and empathy, while the English development sessions boosted the children's confidence and communication skills, empowering them for a brighter future.

This initiative not only transformed the lives of the children but also fostered a positive influence within the larger community, demonstrating the true spirit of social responsibility and shared commitment to meaningful change.

Enclosed is a detailed report outlining the outcomes and impact of this program for your reference. We deeply value this association and look forward to future opportunities to collaborate in uplifting and empowering underprivileged communities.

With sincere appreciation,



+91 9961432303

nilafoundationtvm@gmail.com

Reg. Office :- TC 100/3479, PO BOX 25 ,Pallinada, Kazhakuttam

EXHIBITION ON SUSTAINABLE EDUCATION

“Students from the Department of Zoology took part in the ‘Exhibition on Sustainable Education’ at the Quilon Knowledge Festival on February 27, 2024. The festival highlighted the department’s extensive specimen collections, covering various aspects of animal life. First-year students engaged with visitors, explaining the diversity and complexity of the specimens on display.”







BEST NSS VOLUNTEERS AWARD

The **BEST NSS Volunteers Award** recognizes outstanding performance in social extension and community outreach programs. This award is given to volunteers who have demonstrated exceptional dedication and impact in their community service efforts.





SREENARAYANAGURU OPEN UNIVERSITY

The State University for Education, Training and Research in Blended Format, Kerala



SREENARAYANAGURU
OPEN UNIVERSITY

No.Ac B1/92/SGOU/2025/C-1

16/01/2025

CERTIFICATE

This is to certify that TKM College of Arts and Science, Karikkode, Kollam - 691005 has been functioning as a recognized Learner Support Centre of this University, providing all Academic Counselling activities to the learners of Sreenarayanaguru Open University, Kollam, since November 2023.



REGISTRAR

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