

FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)

Affiliated to University of Kerala



6.3.3 Report 2017-18

IQAC INTERNAL QUALITY ASSURANCE CELL

'Sustainable Development Goals' on 4th July 2017

Sustainable Development Definitions

Normative definition

Development that meets the needs and aspirations of the current generation without compromising the ability to meet those of future generations.

(Brundtland's commission of the United Nations in 1987)



The simple definition

"Sustainability is improving the quality of human life while living within the carrying capacity of supporting ecosystems."







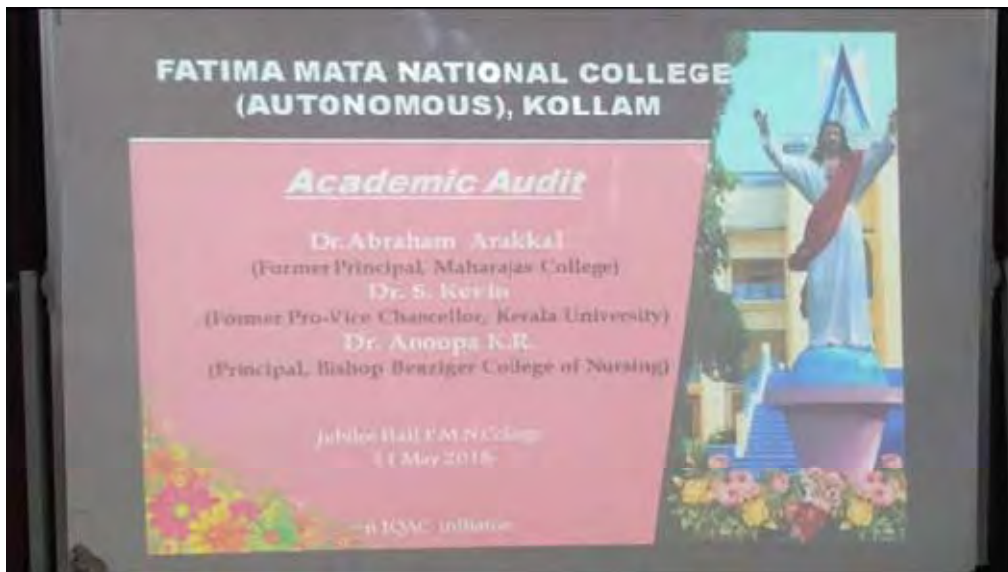








Seminar on “Academic Audit” : 11 th May 2018



Seminar on “Academic Audit” : 11 th May 2018

Resource persons: Dr. Abraham Arakkal, Former Principal, Maharajas College, Ernakulam, Dr. S. Kevin, Former Pro-Vice Chancellor, University of kerala

The theme of the seminar is **Academic Audit- A good educational practice**

The session was very interactive. Group discussions and analysis were carried out to elicit the factors which are to be given prime focus of teaching learning process in the coming years. The session foreseen that it is very urgent to - define quality in terms of the outcomes, promote student centric learning approaches, practice a blended learning and incorporate ICT tools. The consultants also gave an insight that there should be quality benchmarks for assessing the practices and strategies for improvements. There must be proper steps at the departmental level to encourage students’ teaching innovations. Team work must be promoted so that it will make everyone accountable for the success of students. Departments should have course evaluation and teaching evaluation by the students. All the assessment should be aligned with learning objectives. The resource persons also brought the attention of the participants in evolving best academic practices and adapt the best to their own circumstances. The session inspired the faculty members to share best practices and help raise the bar for their departments and make continuous improvement a priority.

Report of the One Day Hands on Training Programme on

Question Bank Software

21-03-2018

Organized by

Office of the Controller of Examinations

Fatima Mata National College, Kollam

In Association with

IPSR Solutions Pvt Ltd

Report of the One Day Hand on Training Programme

Question Bank Software

21-03-2018

Fatima Mata National College was established in the year 1951 by His Excellency Rt. Rev. Dr. Jerome M Fernandez with view to providing facilities for the higher education in the Diocese of Quilon. This year the college is celebrating its 66th year of committed service in the field of higher education. The College was granted autonomous status in the year 2014 by UGC, Government of India. Since then the office of the Controller of Examinations are conducting examinations to all programmes of UG and PG by collecting question papers from external examiners. To make the process of examination hassle free, the institution decided to implement the question bank software for conducting examinations wef 2019 admissions, subject to the ratifications of the Academic Council and the Governing Council.

A one day workshop on Question bank preparation was organized by Fatima Mata National (Autonomous) College, Kollam on 21st March 2018 in association with IPSR solutions Pvt Ltd. The meeting started at 9.30 a.m. with a very short inaugural function. Dr Manohar D. Mullassery (Assistant Controller of Examinations, Fatima Mata National College, Kollam) welcomed the gathering. Dr Vincent B. Netto (Principal, Fatima Mata National College, Kollam) presided over the function and gave a brief introduction on the challenges and difficulties on question paper preparation and emphasised the need of a question bank. The meeting came to an end by 9.45 a.m.

The workshop was attended by 100 teaching staff members including 85 from Fatima Mata National College and 15 from various government/aided colleges of Kerala. The workshop concluded by 4.30 pm.

Programme Schedule

Inaugural Function (9.45-10.15 am, 21-3-2018)

- Welcome Speech - Dr. Manohar D Mullassery
(Assistant Controller of Examinations)
- Presidential Address - Dr. Vincent B Netto
(Principal, FMNC, Kollam)

Technical Session 1

(10.30 am-12.00)

- Resource Person- Dr. Mendus Jacob
(MD & CEO, IPSR solutions Ltd, Director of MCA Programme, Marian College, Kuttikkanam & Former Director of The School of Applicable Mathematics, M G University)

Technical Session 2

(1.45-3.15 pm)

- Resource Person- Mr. Nibin sunny
(Manager, Operations, IPSR solutions Pvt Ltd)

Lunch Break (1.00 pm-1.45 pm)

Technical Session 3

- Resource Person- Mr. Nibin sunny
(Manager, Operations, IPSR solutions Pvt Ltd)
(1.45-4.00 pm)

Hands on Training

- Vote of Thanks- Prof. B Gopakumar
(Deputy Controller of Examinations)

The outcome of the programme:

The workshop was organized in two sessions. The first session dealt with the description of the software. It includes the various criteria to be considered for the preparation of questions for the (question) bank. In the afternoon sessions, a hands on training was given to teachers by an expert team.

QnSmart (Software) is an easy-to-use and efficient Question Paper Management Tool crafted from the expertise of Academicians and IT Professionals. It structures, standardizes and simplifies the tedious task of creating question papers. Really cost-effective, it facilitates an intelligent monitoring of question paper quality through the Bloom's Taxonomy Model, repetition control and incorporation of Best Practices recommended by accreditation agencies. The workshop was highly informative and beneficial to all.

Inaugural Function



Dr. Manohar D Mullassery, Assistant Controller of Examinations, welcoming the gathering

Session 1

Dr Mendus Jacob interacting with the audience on the structure of the *QnSmart* software. He also explained how the results can be linked to course, program specific and program outcomes.



Session 2

Mr Nibin Sunny is giving hands-on training to participants.



Session 3



**Training
Session**





**Training
Session**





Workshop on “Effective Documentation in
Accreditation process”- 19th march 2018

Resource Person : Dr. S. Kevin (Former Pro-Vice
Chancellor, University of Kerala)



Knack –Enlighten Skill Enhancement Programme, NSDC Partner Kollam conducted an orientation programme to introduce **Fisheries Integrated Resource Management Aquaculture &Technology (FIRMAT)** on 16/3/2018 .PG&UG students attended Resource person MR.Jithin Joy Tinu (Former BSc Zoology student).



WORKSHOP ON “BENCHMARKS IN REVISED ACCREDITATION PROCESS”

9th March, 2018

Internal Quality Assurance Cell (IQAC) organized a workshop on ‘Benchmarks in Revised Accreditation Process’ on 9th March, 2018. The programme was conducted at the Bishop Stanley Roman Hall. Dr. Kevin S., former PVC, University of Kerala, was the resource person. 118 teachers attended the programme.



08.03.2018: One Day Workshop on 'Nature Photography'

An one day workshop on 'Nature Photography' was conducted in collaboration with the Department of Botany On 8th March, 2018 at the Seminar Hall, Department of Botany. It was started by the prayer by Kumari Arya Babu. The gathering was welcomed by Dr. Merilyn V.J., Head, Department of Botany. The technical session then started with a student presentation by Kumari Reshma Benson, MSc Final year student on the topic 'Bird Watching-Contributions of Dr. Salim Ali and Induchoodan'. It was followed by the expert presentation by Shri. Basil Peter, Renowned Nature Photographer, Cochin Natural History Society on the topic 'Nature and Wildlife Photography- An Experience Sharing'. A documentary on 'Wetland and Mangrove Ecosystem'. Open discussions were conducted in the after noon session, in which the experts and students actively participated. The programme was interesting and brainstorming, which was successful in providing a sound platform for observing nature and technically egequipped them to take nature and wildlife photographs easily. The seminar came to an end with National Anthem.







ONE DAY WORKSHOP ON 'NATURE PHOTOGRAPHY'

Organized by

**Post Graduate and Research Department of Botany & Nature/ Eco
Club,**

Fatima Mata National College (Autonomous), Kollam

**On 08.03.2018 at Seminar Hall, Department of Botany, FMNC,
Kollam-1**

Programme

10.00 am :

Prayer : Kumari **Arya Babu**

Welcome : Dr. **Merilyn V.J.**, Associate Professor &
Head, Dept. of Botany

Student Presentation : Kumari **Reshma Benson**

“Bird Watching-Contributions of Dr. Salim Ali
and Induchoodan”

Expert Presentation : Shri. **Basil Peter**, Renowned Nature
Photographer, Cochin Natural History
Society

“Nature & Wildlife Photography-An Experience
Sharing”

Exhibition of Documentary “Mangroves-The Forests of Tides”

Vote of Thanks : Smt. **Nirmala Jeyarani**, Associate
Professor, Dept. of Botany


12.50 pm : National Anthem

LECTURE ON 'INDIAN FINANCIAL MARKETS'

5th March, 2018

Post Graduate and Research Department of Economics organized a lecture on 'Indian Financial Markets' on 5th March, 2018. The programme was conducted at the Bishop Stanley Roman Hall. Eight teachers and 125 students attended the programme.






NATIONAL SCIENCE DAY NSD-2018

28th February 2018



'Science and Technology for sustainable future'

Organized by



Department of Physics
Fatima Mata National College (Autonomous), Kollam, Kerala
Affiliated to the University of Kerala, Re-accredited with A- Grade by NAAC

Supported by

Sponsored by
Kerala State Council for Science, Technology and Environment

Supported by
Department of Science & Technology, Govt. of India

Programme

Inaugural Session
Venue : College Auditorium **Time**: 10.15 am
Prayer Song : Ms. Gayathri M.S. (III D.C. Physics)
Welcome : Prof. Vimala V.
HoD, Department of Physics.

Presidential Address : **Dr Vincent B Netto**
Principal, Fatima Mata National College, Kollam

Inauguration : **Lighting the Lamp**
Inaugural Speech : **Dr. Sibi K.S.**
Assistant Professor
Dept. of Physics
University of Kerala
Kariavattom

Vote of Thanks : **Dr Sheena Mary Y.**
Program Coordinator

Tea Break : 10.45 am
Invited Talk : 11.00 am
Topic : *"Accessing higher dimensions of nature through science"*

Resource Person : **Dr. Sibi K.S.**
Assistant Professor, Dept. of Physics
University of Kerala, Kariavattom

Lunch Break
Inter collegiate Science Quiz Competition

Venue : Chemistry Gallery **Time**: 2.00 pm
Quiz Master : **Dr Manohar D Mullassery**
Assoc. Professor, Dept. of Chemistry
F.M.N. College, Kollam

Prizes for Winners
I prize : Rs 1500/-
II prize : Rs 1000/-
III prize : Rs 750/-

Valedictory Session
For Further Details, Contact : Dr Sheena Mary Y. (Program Coordinator)
Mob : 9895471621, email : sheena@fatimacollege.net



REPORT

One Day Seminar on ‘Vectorborne Diseases’

An one day seminar on ‘Vectorborne Diseases’ was conducted by the Post Graduate and Research Department of Botany, and Nature/ Eco club, Fatima Mata National College, Kollam, on 7th February, 2018 at the Seminar Hall, Department of Botany. It was conducted with the financial assistance and technical collaboration with The District Vector Control Unit, Kollam. The seminar started at 11 am with the prayer by Kumari Arya Ramachandran. The gathering was welcomed by Dr. Shaiju P.N., Assistant Professor in Botany, and the Convenor of Eco/ Nature Club. Dr. Merilyn V.J., Head, Department of Botany, made the presidential address. The seminar was inaugurated by Dr. Sandhya, Deputy DMO, Kollam. She delivered a lecture on the status of vectorborne diseases in the state in general, and in the district of Kollam in particular. The inaugural session came to an end with the vote of thanks by Dr. Rubin Jose, Assistant Professor in Botany. The technical session began with a presentation by Kumari Nanditha R.S., MSc Final year student on the topic ‘Dengue Fever Outbreak: Kerala Scenario’. It was followed by two expert presentations. The first lecture was given by Shri. T. Suresh, District Malaria Officer, Kollam, on the topic ‘Vectorborne Surveillance and Control’, followed by the second lecture by Shri. Saju Third, Biologist, District Vector Control Unit, Kollam, on the topic ‘Medicinally Important Vectors’. The seminar came to an end with National Anthem. The seminar has a total of 134 participants.



Dr. Dandhya inaugurates the seminar



Dr. Sandhya delivers the lecture



Kumari Nandhitha R.S. makes the presentation



Shri. T. Suresh delivers the lecture



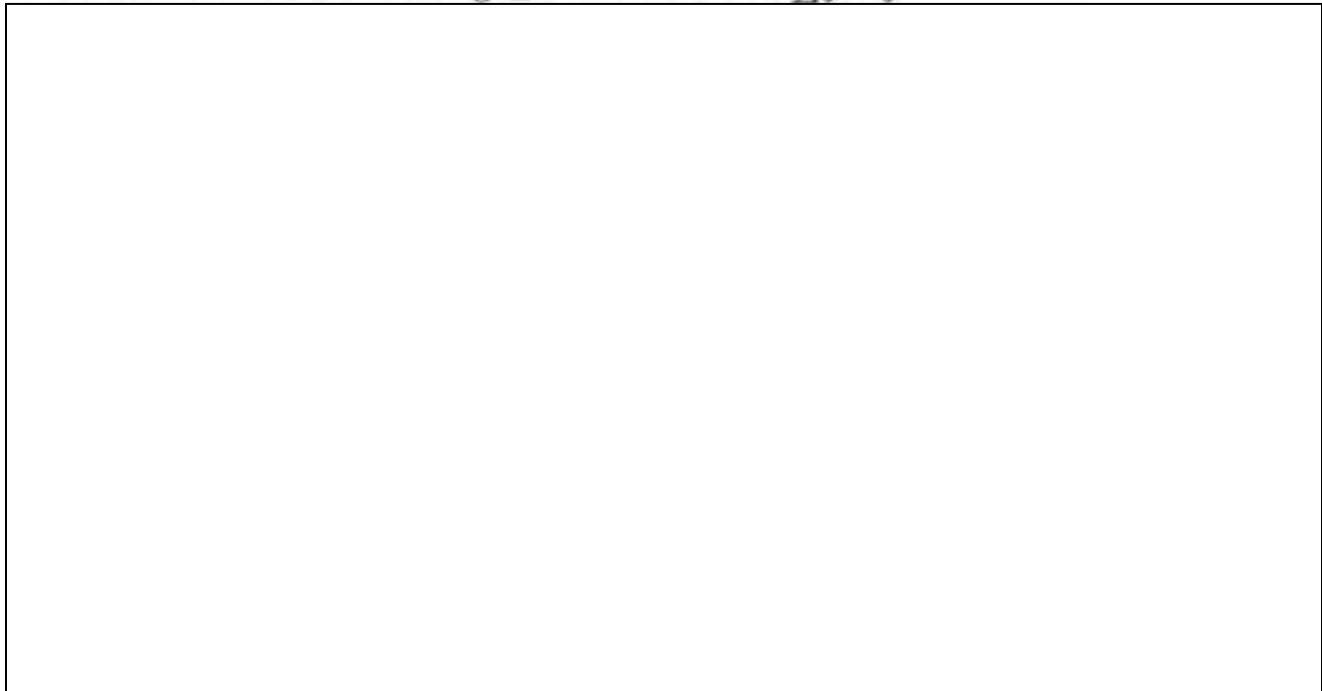
Shri. Saju Third makes the presentation



Gathering



കൊല്ലം ഫാത്തിമ മാതാ നാഷനൽ കോളജ് സസ്യശാസ്ത്ര വിഭാഗവും ഇക്കോ നേച്ചർ ക്ലബ്ബുമായി ചേർന്നു നടത്തിയ സെമിനാർ ഡോ. സന്ധ്യ ഉദ്ഘാടനം ചെയ്യുന്നു.



**SEMINAR ON 'QUALITY ENHANCEMENT AND SUSTENANCE IN HIGHER EDUCATION;
THE EMERGING TRENDS'**

7th February, 2018

Post Graduate and Research Department of Economics organized 'Union Budget Seminar' on 7th February, 2018, in collaboration with Malayala Manorama daily. The programme was conducted at the Bishop Jerome Hall. The resource person was Dr. Shyjuman, IISST, Thiruvananthapuram. Twelve teachers and 285 students attended the programme.



**Seminar on “Relevance of Self-Audit in Autonomy”
6th February 2018**

Resource Person: Shri Anil Xavier IAS (Vice Chancellor, Kerala
Veterinary and Animal Sciences, University)



Seminar on “Relevance of Self-Audit in Autonomy” - 6th February 2018

Resource Person: Shri Anil Xavier IAS (Vice Chancellor, Kerala Veterinary and Animal Sciences University)

The purpose of the seminar was to **initiate a standardized format for self assessment**. The resource person asserted that at the primary level, the various departments have to submit a self-study report describing the current state of their efforts to improve student learning and the academic quality of their programs, their strengths and weaknesses in the focal areas as specified by the institution, documentation supporting exemplary practices, initiatives to address practices that need improvement, describing implementation plans for improvement initiative. In line with that, at the institutional level IQAC should set up guidelines, in tune with the mission and vision of the institution, directives of the UGC and higher education council. The seminar unanimously concluded that there must be a baseline to measure growth and improvement, planning for the future, establishing goals and strategies to achieve objectives and to monitor change. The gathering viewed that all the stakeholders are to actively participate in evaluation, then it would become feasible to make decisions and take actions based on their evaluation data. The expert also expressed the view that the evaluation approach should aim to increase the probability of achieving program success in terms of Course outcome, Programme Specific outcome and Programme outcome. In the concluding session, the advisor also urged the participants to have dire attention in charting out methodologies and indicators to conduct Academic, Administrative, Examination, Library and Green audits.

ENVIRONMENTAL ACTIVITIES 2017-18



WORLD WETLAND DAY CELEBRATIONS - 2018

World wetlands day 2018 was celebrated in Fatima Mata National College, Kollam under the auspices of PG & Research Department of Zoology with the support of Kerala State Council for Science Technology and Environment (KSCSTE), Thiruvananthapuram. The KSCSTE funded the celebrations and issued the guidelines for the conduct of the day. The Day was organized in FMN College on **05th February 2018** at the Jubilee Hall and around the College Pond. Around 150 students including 10 students from 2 other Arts and Science Colleges of the district were assembled. Seminar Kits were distributed to 150 participants on a first come first served basis. Ceremonial Lighting of Lamp was carried out by the delegates and representatives of the staff and students. Convener of the WWD 18, FMNC, Dr. A. Akhila Thomas (HOD, PG & Research Department of Zoology) welcomed the participants and introduced the resource person, Mr AK SivaKumar (Sr. Educational Officer, WWF India). Students of Environmental Activities actively participated in all events. 15 faculty members participated in the programme

WORLD WETLAND DAY CELEBRATIONS





Organised a one day National Seminar on "Challenges to Indian Democracy in the 21st century" on January 28, 2018, funded by the Institute of Parliamentary Affairs, Thiruvananthapuram.









Fatima Mata National College, Kollam-691001
(Autonomous)
(NAAC Re accredited-'A' Grade)
State Level Seminar on
ADVANCED SPECTROSCOPIC TECHNIQUES
Date: 22-11-2017 (Wednesday)
Venue: **Chemistry Gallery**

Organized by
Post Graduate & Research Department of Chemistry
Sponsored by the
**Kerala State Council for Science, Technology
and Environment**
In Association with
Academy of Chemistry Teachers (ACT)



The Post graduate and Research Department of Chemistry organized a State Level Seminar on “Advanced Spectroscopic Techniques” sponsored by the Kerala State Council for Science ,Technology and Environment in association with Academy of Chemistry Teachers (ACT) . The seminar was on 22nd November 2017 at Chemistry Gallery. First session was the Invited talk by Dr S.Sugunan, Rtd Professor, Dept of Applied Chemistry, CUSAT, Kochi. The theme of his lecture was “Advanced Spectroscopic techniques”. He discussed

about advanced techniques used in the Spectroscopy and its application for sample analyzing purposes. Paper presentations were also done during the program. The program came to an end at 3.30pm

Programme

9.00am : Registration
9.30am : Inauguration
10.00am : Tea Break
10.15am : **Invited Talk-1**
Dr. S. Sugunan
(Professor (Rtd), Department of Applied Chemistry, CUSAT, Cochi)
11.30am : Paper Presentations
12.30pm : Lunch Break
1.30pm : **Invited Talk-2**
Dr. S. Sugunan
(Professor (Rtd), Department of Applied Chemistry, CUSAT, Cochi)
3.00pm : Paper Presentations
3.30pm : Valedictory Function

Call for Papers
The paper should be submitted as email attachment on or before 15-11-2017 to mdmullassery@gmail.com
The manuscript should be typed in Times New Roman with font size 12.
(Proceedings will be published)

Registration Fees:
Students Rs.50/-
Research Scholars Rs. 100/-
Faculty from Educational Institutions Rs.500/-

Dr. Vincent B. Netto
Principal

Dr. Manohar D. Mullassery
Organizing Secretary
Ph: 9447110857
email: mdmullassery@gmail.com

Dr. Sheeja Mathews
H.O.D

SEMINAR ON DOWRY PROHIBITION ACT 1961

21st November, 2017

This Act prohibits the practice of giving or taking of dowry. This law also punishes demanding and advertising dowry.. The payment of dowry has long been prohibited under specific Indian laws including the Dowry Prohibition Act, 1961 and subsequently by Sections 304B and 498A of the Indian Penal Code. An informative talk was organized in the College auditorium on **21-11 2017** as per direction of the Dowry Prohibition Officer, Social Justice Department. 200 students and 18 teachers participated in the programme.





FATIMA MATA NATIONAL COLLEGE, KOLLAM

(Autonomous)

Reaccredited with 'A' grade by NAAC

Kollam, Kerala – 691001

Email: mailbox@fatimacollege.net

Website: www.fatimamatanationalcollege.ac.in

Workshop on

“Quality Enhancement & Sustenance in Higher Education: The Emerging Trends”

20th November 2017

Venue: Seminar Hall (Golden Jubilee Block)

Organized by IQAC

About the College

As early as in the beginning of the 20th century, the Diocese of Quilon established religious and educational institutions. Fatima Mata National College was established with the ultimate aim of prioritizing the spread of education as the first step to the social uplift of the backward communities. Fatima Mata National College honours the name of Blessed Virgin Mary seen in apparition at Fatima, Portugal in 1917. The founder, Bishop Jerome Maria Fernandez, an ardent devotee of Our Lady of Fatima, wished and prayed for her maternal protection and care on every member of the college community. His patriotic spirit also envisioned every Fatimite imbued with a pan-Indian spirit and a genuine sense of dedication and service to the motherland. The Fatima motto, PER MATREM PRO PATRIA, reflects the idea of Marian devotion as a means to foster social responsibility. The pride of India's first Roman Catholic Diocese (Quilon), Fatima College crossed the significant milestone of her diamond jubilee in 2011-12, in service of the nation. This autonomous institution of higher learning is dedicated to the task of equipping young men and women for responsible roles in India's national life.

About the Seminar

Fatima Mata National College is gearing itself up for the 4th cycle of NAAC Accreditation process. NAAC has revised its Assessment and Accreditation methodology, in order to keep pace with the changing trends in higher education in the rapidly transforming global education scenario. The revised framework has a distinct focus on data capture for quantitative assessment as well as process details for qualitative assessment. In this context, the workshop is organized. Dr S. V. Sudheer, Director, UGC Human Resource Development Centre, University of Kerala, will be the resource person. The seminar focuses on the revised parameters and procedures adopted by NAAC accreditation procedure. The seminar intends to help the institution face the challenges related to Academic Excellence, Effective Documentation & Presentation and Assessment & Evaluation Methodology.

Your esteemed presence and active participation is solicited

Dr. Noeline B. Fernandez
Co-ordinator, IQAC

Dr. Vincent B. Netto
Principal

Programme

9.30 AM to 10.00 AM	: REGISTRATION
10.00 AM to 10.30 AM	: INAUGURATION
WELCOME	: Dr. Noeline B. Fernandez Co-ordinator, IQAC
Presidential Address	: Dr. Vincent B. Netto Principal
Inaugural address	: Dr. S.V. Sudheer Director, UGC Human Resource Development Centre, University of Kerala
Felicitations	: Rev. Fr. Anil Jose Manager
	: Rev. Dr. Rolden Jacob Pro-Manager
	: Dr. A.R. Titus Vice-Principal
Vote of Thanks	: Dr. S. Parvathy Secretary, IQAC
TEA BREAK	
11.00 AM to 1.00 PM	: Technical Session I
Topic	: NAAC Accreditation; Effective Documentation and Presentation
Resource Person	: Dr. S.V. Sudheer Director, UGC Human Resource Development Centre, University of Kerala
LUNCH BREAK	
1.30 PM to 2.45 PM	: Technical Session II
Topic	: NAAC Accreditation; Assessment and Evaluation Methodology.
Resource Person	: Dr. S.V. Sudheer Director, UGC Human Resource Development Centre, University of Kerala
3.00 PM – 3.30 PM	: VALEDICTORY SESSION

Workshop on “Quality Enhancement & Sustenance in Higher Education: The Emerging Trends“- 20th November 2017
Resource Person: Dr S.V. Sudheer S.V. (Director, Human Resource Development Centre, University of Kerala)





Seminar on “Quality Enhancement & Sustenance in Higher Education: The Emerging Trends“- 20th November 2017

Resource Person: Dr S.V. Sudheer S.V. (Director, Human Resource Development Centre, University of Kerala)

The theme of the seminar was **Continuous improvement and sustenance in Higher Education in terms of quality**. The Seminar focused on initiating strategies to adapt to recent trends in higher education - blending technology in knowledge delivery , incorporating transferable skills, providing platform for multifaceted learning. The seminar highlighted the role of an efficient system like IQAC in coordinating the audits and reports on time. The resource person also stated that there is a need to evolve certain practices in alignment with the overall Vision, Mission, and Goals of the institution, reflecting the uniqueness of the HEI and aiming the benefits of the student community at the departmental as well as at the institutional level which, over the years may develop into best practices. He addressed the participants about curriculum development in autonomous colleges and the opportunities and challenges of the autonomous system.He has given insights in building a bridge between institute and industry interface.

DESTINATION EMPOWERED: AN ATTEMPT TO EMPOWER THE SELF

A **motivational talk** on the topic “Destination Empowered: An Attempt to Empower the Self” was organized on 11th October 2017, at the Physics Seminar Hall. 120 students and 8 teachers participated in the programme.

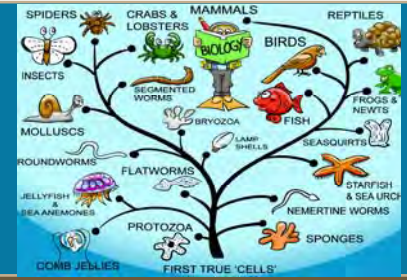


6 October 2017 – A one-day seminar on **Film Studies** by **Mr Sanju Surendran**, auteur. Mr Sanju Surendran, an Indian film director , screen writer and producer delivered a talk of Film studies, an academic discipline, that deals with various theoretical , historical and critical approaches to films. On the occasion, the chief guest released a manuscript magazine, “A Rivulet of Words” brought out by the II M.A. Literature students. The first copy was received by Dr Vincent B.Netto, Principal, F.M.N.College.



DEPARTMENT OF ZOOLOGY

ACTIVITIES 2017-18



TWO DAY NATIONAL SEMINAR ON “Blue Economy: Fostering Sustainable Development and Profitable Resource Utilization”, August 22-23, 2017 organized by PG and Research Department of Zoology on August 22- 23, 2017 at FMN College was inaugurated by Smt. J. Mercykuttyamma, Hon’ble Minister of Fisheries, Harbour Engineering and Cashew Industry. In her inaugural address, she stressed the need for conserving the ocean resources and curbing aquatic pollution. Mr.T.P. Sreenivasan, IFS, Former Vice-Chairman, Kerala Higher Education Council delivered the keynote address. He spoke on the need for incubating a blue diplomacy.



NATIONAL SEMINAR 2017

Call for Papers

Extended abstracts not more than 500 words may be sent in the following format.
Font: English – Times New Roman, Title: 12 point/single space, Text 10 points/1.5 space.
Name(s) and affiliation of author(s) in 10 point font, centrally aligned, single space with e-mail id of presenting author.
The papers of only those candidates who have registered before 20/07/2017 will be published in the ISBN Numbered Proceedings.

Submission

Abstract/ Fullpaper should be submitted online at the e-mail: seethalals@gmail.com. Information regarding acceptance of paper will be communicated through email on or before 15/7/2017.

Last Date for Abstract submission- 10/7/2017

Last Date for Full paper submission of Accepted candidates - 20/7/2017

Registration fee

Academicians/Teachers : Rs. 750 /-
Research Scholars/Students : Rs. 300 /-
Registration fee includes seminar kit, working lunch and tea

Mode of Payment

Registration fee can be NEFT/RTGS transferred to the following account: Convenor, Dr. Akhila Thomas Antony, Account No. 3620011824, IFSC Code: CBIN0 281172, Central Bank of India, Kadappakada Branch, Kollam.

Organizing Committee

Chief Patron

Most Rev. Dr. Stanley Roman
Bishop of Quilon

Patron

Rev. Fr. Anil Jose
Manager

Rev. Fr. Roldon Jacob Jose
Pro-Manager

Chair

Dr. Vincent B. Netto
Principal

Convenor

Dr. Antony Akhila Thomas
HOD, Zoology

Organizing Secretary
Dr. Mary Teresa P. Miranda
Former HOD, Zoology

Joint Convenor

Dr. Sherly Willama
Associate Professor Dept. of Zoology

Joint Organizing Secretaries

Mrs. Nisha Thomas
Dr. Sarin P.J

Executive Members :

Dr. Seethal Lal S
Dr. Vijayasree A S
Dr. Sreelakshmi G

Address for Communication

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Dept of Zoology,
Fatima Mata National College (Autonomous)
Kollam - 691001, Kerala, India
Ph. 9847275013
seethalals@gmail.com

TWO DAYS NATIONAL SEMINAR

On

Blue Economy: Fostering Sustainable Development and Profitable Resource Utilization

4 & 5 August 2017

Organized by



PG and Research Department of Zoology
Fatima Mata National College (Autonomous), Kollam, Kerala

Supported by



Kerala State Council for Science, Technology and Environment
Government of Kerala



Dear Sir/Madam,

The ocean has long been an economic force to reckon with. The term blue economy evolved to define a sustainable approach to the use of natural resources. Professionals connected with the oceans, including the negotiators of the UN Convention on the Law of the Sea (UNCLOS), defines blue economy as "marine-based economic development that leads to improved human wellbeing and social equity, while significantly reducing environmental risks and ecological scarcities". The developing world has been the driving force behind the blue economy, pioneered by small island developing states (SIDS), but the blue economy is also relevant to other coastal states and to countries with an interest in waters beyond their national jurisdiction. Thus, the blue economy goes beyond just the concept of ocean-based economies; it also identifies the oceans as development spaces where spatial planning integrates conservation, sustainable use, oil and mineral extraction, bio-prospecting, sustainable energy production and marine transport. Goal 14 of the UN's Sustainable Development Goals (SDGs) - "Conserve and sustainably use the oceans, seas and marine resources for sustainable development" - makes detailed references to the reduction of marine pollution, conservation of coastal and marine areas and regulated fish harvest. Disciplinary and interdisciplinary paper presentations on the relevant technological, economic, social and governance dimensions will go a long way in adopting underlying technology and behavioural change towards a Blue Economy, especially in urban and rural water systems concept. The dissemination and interactions at the seminar hopes to project the oceans as an alternate economic model for sustainable development.

Dr Mary Teresa P. Miranda
Assoc.Prof. & Former HOD
(Organizing Secretary)

Dr. Antony Akhila Thomas
Head of the Department
(Convenor)

Dr. Vincent B. Netto
(Principal)

Theme of the Seminar

The seminar aims to sensitize the delegates that a sustainable blue economy is one that provides not just economic, but social benefits for present and future generations. A blue economy recognizes marine ecosystems as its natural capital, and protects and maintains them accordingly. It also aspires for social and economic stability through the use of clean technology and renewable energy.

Objectives

- To use the sea and its resources for sustainable economic development.
- To achieve improved human well-being and social equity, while significantly reducing environmental risks and ecological scarcities.
- To endorse the principles of low carbon use, resource efficiency and social inclusion, while protecting needs of countries whose future depend on marine resources.
- To ensure that developing countries optimise the benefits received from the development of their marine environments (e.g., fishery agreements, bio-prospecting, oil and mineral extraction).

Discussion Themes

- Blue Economy as a ways and means of attaining Social and Economic stability.
- Aquatic Resources and its over exploitation.
- SIDS and SDGS.
- Entrepreneurship, Sustainability and the Blue Economy paradigm.
- Transition towards blue economy through novel economic, finance and business models.
- Water Conservation.

Expected Outcome

The Seminar hopes to address twin key themes viz the further development and refinement of the Institutional Frame work for Sustainable Development and the advancement of the green economy concept. The outcome of the seminar will reiterate India's reaffirmation on poverty eradication as its key challenge and focus on blue economy as a tool for humanity's quest for sustainable development.

Impact of GST on Kerala Economy - 9th August 2017



Dr Mary George (renowned economist and former Professor in the Department of economics of University College, Thiruvananthapuram)





FATIMA MATA NATIONAL COLLEGE
KOLLAPP
Invited Lecture:
THE IMPACT OF GST ON KERALA
By The Renowned Economist
Dr Mary George
Organized by
THE DEPARTMENT OF ECONOMICS
Date: 9-8-2017 | Time: 10 am














Invited talk on ‘Recent developments in Physics’

- An invited talk for the graduate and post graduate students of Physics on the topic "Recent developments in Physics" by Dr B.Premlet, (Former HoD,Retd Associate Professor in Physics, TKM College of Engineering, Kollam)on 9thAugust 2017.



Department of Physics
Fatima Mata National College
(Autonomous)
Kollam, Kerala
Affiliated to the University of Kerala
Re-accredited with A- Grade by NAAC

Morning Session

An invited talk on
"Recent Developments in Physics"
by Dr.B.Premlet

- Prayer Song : Ms.Deepa R. (II D.C. Physics)
- Welcome Speech : Prof.Ratheesh kumar R
- Presidential Address : Prof.Vimala V.,
H.O.D.
- Invited Talk : Prof.B.Premlet
- Vote of Thanks : Dr.Sheena Mary Y.
Convener

Afternoon Session

- Paper Presentation Competition
- Poster Presentation Competition
- Prize Distribution for the winners

Report of the Invited Talk

An invited talk on “**Recent Developments in Physics**” was taken by Dr B. Premlet, Rtd Prof. & Head of Physics department, T.K.M.College of Engineering, Karicode on 9th August 2017. The programme began at 10am. Ms. Amita Teresa of II DCPhysics hosted the program. Ms Deepa R. of IIDC Physics sung the prayer song. Mr Ratheeshkumar R. welcomed the gathering. Prof.Vimala V., Head of the Department presided over the programme. Dr B.Premlet, after inaugurating the programme delivered the talk. The morning session ended at 1.00 pm with vote of thanks proposed by the convener of the program Dr Sheena Mary Y, Asst. Prof., Dept. of Physics.

The afternoon session began at 2.00 pm. A paper presentation competition and poster presentation competition for graduate students were conducted. Six students participated in the powerpoint presentation on the topic “Hazards of Nuclear Weapons” while ten students presented a poster on the same topic.

Mr.Ignatius J. and Dr BenByju S. were the judges for the competitions. Prizes and certificates were awarded to the winners while all the participants were given certificates.

25 July 2017 – Workshop on “Practical Criticism” by Dr Koshy A.V., Assistant Professor, Jazan University, Saudi Arabia. Dr Koshy’s class was interactive where he expressed his views on the effect of poems on the readers. He focused on reader response criticism and suggested that the being of a poem exists only in the readers’ minds. Poetry is a form of words that organizes the attitudes of the reader. He talked at length about the close analysis of a text.



ONE DAY WORKSHOP
ON
RESEARCH
METHODOLOGY



Dr Anitha V. (Associate Professor, Department of Economics, University of Kerala) - Resource person of the programme



Workshop on
Research Methodology
Organized by
DEPARTMENT OF ECONOMICS
Fatma Mata Nainal College







PHYSICS ORIENTED CAREER

An invited talk on the topic "Physics Oriented Career Guidance" was organized at the Chemistry Gallery on 3rd February 2017. Dr. Jojo P.J. was the resource person. 150 students and 8 students participated

