



Estd. 1946



EXPRESSIONS

The Albertian Newsletter

St. Albert's College (Autonomous)

Established and Administered by Archdiocese of Verapoly
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• Banerji Road, Ernakulam, Kochi - 682 018, Kerala, India • www.alberts.edu.in • newsletter@alberts.edu.in • Ph : 0484 239 245 •

Editorial



Ms. Alane Albert

“What a man can be, he must be” – Abraham H. Maslow
Inner Peace comes through knowing who you are. Our every experience mostly makes us gain a close perspective of life. In each experience the true nature of being is gained by us as we recognize a peace of our soul. Believe in yourself, your abilities, skills and passion. When all the pieces fit together, combining your passion with your strengths, you can achieve things you never imagined. No one can shatter us once we realize our capabilities. Allow yourself to decide what you can and cannot do. Create a path where we choose ourselves to think and to feel the passion and pursue our dreams. Realize your dreams.

On the Path of Excellence

Walking Alone

The hardest walk is walking alone. And it will make you the strongest. 75 years down memory lane, St. Albert's College had a humble beginning. The Most Rev. Dr. Joseph Attipetty, the first Indian Archbishop of the Archdiocese of Verapoly had a noble mission to make the rightful opportunity of quality higher education available and accessible to everyone in the irrespective of their economic and social background.



The journey was paved with roadblocks, but the vision and faith that powered his mission was stronger. From then to now, St. Albert's College has stood high and proud, and walked alone, along a path not taken by most. The college holds a history of having taken a series of very powerful, timely decisions, to ensure the best quality education, and a safe, joyful and undisturbed campus experience for all its members. The college, aiming to cultivate an 'earn while you learn' culture, took the revolutionary decision to change its timings to facilitate the possibility of working while studying, for the student community. And treading this path in determination has never been easy, nor is it now. But the values that underlie the college and its functioning form the solid base on which this stellar institution has grown and continue to do so, proudly.

This is the legacy built by St. Albert's College (Autonomous), Ernakulam.

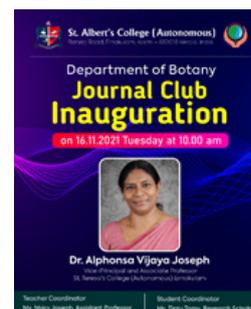
As our motto says – For truth, and service.

Rev. Fr. John Christopher Vadassery
Registrar

The Department of Botany and Research Centre

Inauguration of Journal Club

The inauguration of the Journal Club of the Department of Botany was conducted on 16 November, 2021 in the Botany UG Laboratory. Dr. Alphonsa Vijaya Joseph, Vice Principal and Associate Professor, St. Teresa's College (Autonomous), Ernakulam was the guest of honour. The meeting was presided over by Dr. M A Solomon, the Principal, St. Albert's College (Autonomous), Ernakulam. The Head of the Department Dr. Siju M. Varghese welcomed the gathering, and Ms. Tintu Tomy, Research Scholar, delivered the vote of thanks. The final year UG students, first year PG students, research scholars and staff members of the Department attended the same. Dr. Vijaya stressed on the importance of extra reading and in-depth reference during her inaugural address. Further activities under the auspices of the Journal Club have been planned with an aim to improve the research and presentation skills of the students.



Webinar on Conservation of Ecosystem – 'Revive' Revival for Survival

An exclusive webinar session on the topic 'Conservation of Ecosystem – Revive: Revival for Survival' was organized by Department of Biosciences, MES College, Marampally and the Department of Botany and Research Centre, St. Albert's College (Autonomous), Ernakulam in association with Student Empowerment for Environmental Development (SEED), Mathrubhumi on 28 November, 2021.

The session was presided over by Dr. Siju M Varghese, Head, Department of Botany and Research Centre, Ernakulam. Dr. Umesh.B T, Head of the Department of Bioscience, MES College, welcomed Dr. T V Sajeev, Senior Principal Scientist, Kerala Forest Research Institute (KFRI), Peechi, the chief speaker for the session. He gave a vivid outlook on the reasons for ecosystem degradation which affects the integrity and functionality of vital natural assets like forest, lakes, rivers, lands and so on. He further emphasized on the steps for conservation of the ecosystem in order to protect and enhance the quality of life on the planet. He also clarified the doubts put forward by the student and faculty.

Ms. Anjana of I MSc Botany, St. Albert's College (Autonomous) recited the poem "Bhoomikkoru Charamageetham" written by O N V Kurup. Dr. Madhusudhanan K and Ms. Mary Fabina Mendez of I MSc Botany expressed gratitude to the resource person for his valuable inputs on this informative session and to the authorities for their exemplary effort in providing such knowledgeable and enriching sessions.

The coordinators of the program were Dr. Madhusudhanan K, Assistant Professor, St. Albert's College (Autonomous), Ms. Sajeena.K A and Ms. Shalet Varghese, Assistant Professors in Biosciences, MES College, Marampally and Mary Fabina Mendez, Student coordinator, St. Albert's College (Autonomous), Ernakulam. 98 participants attended the programme.



The Department of Computer Science

Workshop on Office Automation Tools

The Department of Computer Science organized a three-day workshop on Office Automation Tools from 17 to 22 November, 2021 with the objective of giving a basic idea regarding data processing tools for the students of Semester I, BSc Computer Science.

Day 1 - 17 November, 2021

Day 2 - 18 November, 2021

Day 3 - 22 November, 2021

Day 1

The first day was titled 'Data Processing using MS Word.' The session was delivered by Ms. Dhanya G S, Assistant Professor, Department of Computer Science. She shared the elementary concepts regarding the tools available in MS Word and also made the students work using MS Word.

Day 2

The second day was titled 'Data Analysis using MS Excel.' The session was delivered by Ms. Sangeetha J, Head of the Department of Computer Science. The resource person shared a basic ideas on how to work with data using MS Excel and also made the students work using MS Excel.

Day 3

The third day was titled 'Corporate PowerPoint using MS PowerPoint.' The session was handled by Ms. Neenu Kuriakose, Assistant Professor, the Department of Computer Science. The resource person demonstrated how to develop slides using MS PowerPoint.

Webinar on IPR (Copyright)

The Department of Computer Science, St Albert's College (Autonomous) organised a webinar on IPR (Copyright) in association with AIC, IIC and IEDC on 24 November, 2021. This crucial session was handled by Dr. Sheenu Jain, Associate Professor, IIHMR University. She gave an introduction to Copyright. She also talked about license agreement and showed examples of copyright. It was a very informative session. The session became more interesting as videos and examples were shown.



St. Albert's College (Autonomous), Ernakulam
Department of Computer Science

**WORKSHOP ON
Office Automation Tools**

DATA PROCESSING USING MS WORD  **17/11/2021 @ 11.30am**
Resource Person : Ms. Dhanya G S
Asst. Professor, Department of Computer Science
St. Albert's College (Autonomous)

DATA ANALYSIS USING MS EXCEL  **18/11/2021 @ 11.30am**
Resource Person : Ms. Sangeetha J
HoD, Department of Computer Science
St. Albert's College (Autonomous)

CORPORATE SLIDES USING MS POWERPOINT  **22/11/2021 @ 11.30am**
Resource Person : Ms. Neenu Kuriakose
Asst. Professor, Department of Computer Science
St. Albert's College (Autonomous) **Venue : Room No 214**

Student Co-Ordinators : Ms. Akhila Roby, Ms. Lena Xavier,
Mr. Shimeson Sebastian, Sem-I B.Sc CS 2021-24 Batch



St. Albert's College (Autonomous), Ernakulam
Department of Computer Science
Banerjee Road, Ernakulam, Kerala 682018 | computerscience@alberts.edu.in
in Association with

**WEBINAR ON
IPR (Copyright)**

Resource Person :
Dr. Sheenu Jain
Co-founder IIHMR Startups
Chair - CIIR
Associate Professor, IIHMR University, Jaipur

 **Copyright**
All rights reserved

24 November 2021
11.30 AM - 12.30 PM

Platform : Google Meet

Faculty Co-Ordinator : Ms. Neenu Kuriakose, Asst. Professor
Student Co-Ordinators : Ms. Jyoti P.A, Sem-1 M.Sc CS 2021 Batch
Ms. Sameeksha Krishnan, Sem-6 B.Sc CS 2019 Batch

Faculty Achievements

Ms. Sangeetha J, Head of the Department of Computer attended a virtual “e-Workshop on Machine Learning and Data Science” (e-WMLDS-2021) jointly organised by the Department of Mathematics and the Department of Data Science and Business Systems, SRMIST, Kattankulathur on 11 and 12 November, 2021.



Ms. Dhanya G S, Assistant Professor, Department of Computer Science attended the National level Intercollegiate Online Faculty Development Program on Outcome Based Education organized by the Internal Quality Assurance Cell of Auxilium College (Autonomous), Vellore in association with IPSR solutions limited from 22 to 27 November, 2021



Ms. Neenu Kuriakose, Assistant Professor, the Department of Computer Science attended a virtual e-Conference on Cyber security on 27 and 28 November, 2021 organised by IASR (International Association of Scientist & Researchers).

She also attended the National level Intercollegiate Online Faculty Development Program on Outcome Based Education organized by the Internal Quality Assurance Cell of Auxilium College (Autonomous), Vellore in association with IPSR solutions limited from 22 to 27 November, 2021.

She also published a Research paper titled “IoT Based Smart garbage system for a Clean City” in the International Journal for Modern Trends in Science and Technology (IJMTST).

Student Achievements



Ms. Greeshma M Shajan and Ms. Niveena K J of Semester IV MSc Computer Science published a Research paper titled “IoT Based Smart garbage system for a Clean City” in the International Journal for Modern Trends in Science and Technology (IJMTST).

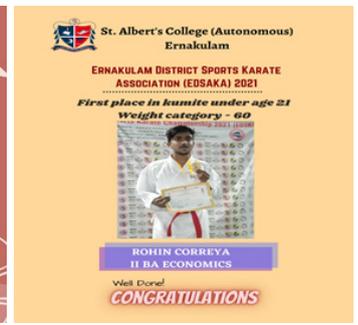
The Department of Economics

Student Achievements

Ms. Celestina Antoniette Rebello of I MA Economics secured the Bronze Medal for the Junior Powerlifting Competition, Gold Medal for Equipped Bench Press and Silver Medal for Classic Bench Press Championship 2021. Celestina has also qualified to take part in the National Bench Press Championship which will be held this year at Goa.



Rohin Correya of II BA Economics participated in the MG University Fencing Championship 2021 held at Chinmaya College, Thripunithara on 9 November, 2021 and secured two Bronze Medals for Sabre Men's team and Epee Men's team. He then took part in EDSAKA 2021 (Ernakulam District Sports Karate Association Championship) held at Kakkanad on 13 November, 2021 and secured the I Prize in Kumite, Under Age 21 weight category-60. Rohin Correya also qualified to take part in the State Karate Tournament which will be held at Thiruvananthapuram on 13 December, 2021.



The Research Department of Fisheries and Aquaculture

Webinar on Testing of Hypothesis – A Statistical Tool

The Research Department of Fisheries and Aquaculture, St. Albert's College (Autonomous), Ernakulam organized a webinar on 'Testing of Hypothesis – A Statistical Tool' on 7 November, 2021. The resource person for the webinar was Mr. Mohammed Mehroof, Research Scholar, Fisheries Extension, Economics and Statistics division, ICAR – Central Institute of Fisheries Education, Mumbai. The session was organised in the presence of 90 participants including students and faculties. The welcome note was by Dr. Bijoy V M, the Head of the Department. The speaker started with an introduction on Statistics, Hypothesis and the Degree of Freedom. He explained types of tests (Z-test, T-test, Chi square test, F-test) and how it can be applied in the fishery field with various examples. He talked about the usage of each test and where it can be applied.



Webinar on Food Packaging and Labelling

The Research Department of Fisheries and Aquaculture, St. Albert's College (Autonomous), Ernakulam organized a webinar on 'Food Packaging and Labelling' on 8 November, 2021. The resource person for the webinar was Ms. Ancy Thomas, Research Scholar, Fish Processing Technology Division, KUFOS – Kerala University of Fisheries and Ocean Studies, Panangad. The speaker gave an introduction on food packaging, trends of food packaging and composition of a package. She explained various types of packaging, testing of packaging materials, labelling and printing methods. She cleared the doubts of participants and the lecture was very enlightening to the participants especially the students. The session was organised in the presence of 50 participants including both students and faculties.



Webinar on Hi-Tech Fish Farming

A National webinar on 'Hi-Tech Fish Farming Methods' was organized by the Research Department of Fisheries and Aquaculture. The welcome address was delivered by the Head of the Department, Dr. Bijoy V M. The integral part of the event was the key note address by Dr. Vinu Jacob, Assistant Fisheries Extension Officer, the Department of Fisheries, the Government of Kerala, on Hi-Tech Fish Farming Methods. In the session, he talked about fish farming methods like Recirculatory Aquaculture system, Aquaponics and Biofloc System. He gave an insight into food and feeding, stocking density, selection of fish, water quality parameters and other technical aspects of the above systems. He also explained the maintenance and setup of the RAS. He elaborated the advantages and disadvantages of Biofloc and RAS. The presentation was followed by a discussion, where several questions were raised by the students. The session was organized by Ms. Sislave K S, Head-in-Charge and Programme coordinator, proposed the vote of thanks. A total of 92 students participated in the webinar.

Webinar on Live Fish Transportation

The Research Department of Fisheries and Aquaculture, St. Albert's College (Autonomous), Ernakulam organized a webinar on 'Live Fish Transportation' on 4 November, 2021. Mr. Vishnu R Nair, Research Scholar, ICAR – Central Institute of Fisheries Technology, Cochin was the resource person for the webinar. The speaker started the session with an introduction to the importance of live fish transportation and its future prospectus. He has explained the different methods of live fish transportation methods and also emphasized on the problems associated with the transport of live fishes. The speaker explained the different methods adopted by various countries in transporting live fishes and the impact of additives. In the concluding remarks the speaker stressed on the importance of developing new technologies in live feed transportation by the country and the scientific studies undertaken by ICAR organizations such as the Central Institute of Fisheries Technology (CIFT) is promising.

The session was opened for discussion and the several participants raised questions on the subject. The explanations given by the resource person was quite satisfactory and was appreciated by the participants. 82 people were present for the webinar.



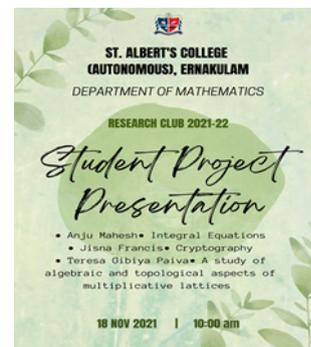
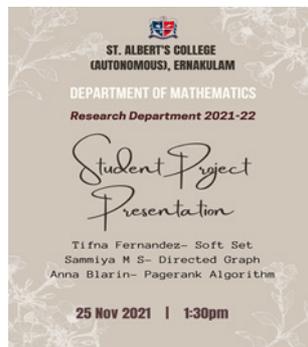
The Department of Mathematics

Research Club

As a part of the activities of Research Club 2021, The UG Student Project Presentations continued in the months of October and November. The presentations for the second meeting of Research Club 2021 was done in the presence of the tutor Ms. Divya Mary Daise S. 28 students of III BSc Mathematics and MSc Mathematics attended the programme. The first presentation was done by Aswin Sareesh on the topic 'Mathematics in Nature', the next was by Merin Rose P R on the topic 'Lattice Matrices' and the last one was by Aleena A Joshy on the topic 'Convex Sets'. The third meeting of Research Club 2021 was done in the presence of the tutor Ms. Andriya Tojo. 18 students of III BSc Mathematics attended the programme. The presentation was done by Mary Glanceya Dcoutho on the topic 'Quaternion Algebra.' The fourth meeting of Research Club 2021 was conducted online. The project presentation was in the presence of Dr. Sabu M C and Ms. Andriya Tojo. 10 students of III BSc Mathematics attended the programme. The first presentation was done by Don Shabu on the topic 'Data Mining', followed by Anciya Paul on the topic 'Matrix and its Applications' and the last one by Roshna Roland on the topic 'Commutative Algebra.'



The fifth meeting of Research Club 2021 was conducted on 18 November, 2021. The project presentation was in the presence of the tutor Ms. Divya Mary Daise S. 23 Students of III BSc Mathematics attended the programme. The first presentation was done by Anju Mahesh on the topic 'Integral Equations', the next was by Jisna Francis on the topic 'Cryptography' and the last one was by Teresa Gibiya on the topic 'A Study of Algebraic and Topological Aspects of Multiplicative Lattices.' The sixth meeting of Research Club 2021 was conducted on 25 November, 2021. The project presentation was in the presence of the tutor Ms. Divya Mary Daise S. 18 Students of III BSc Mathematics attended the programme. The first presentation was done by Tifna Fernandez on the topic 'Soft Set', the next was by Anna Blarin on the topic 'Pagerank Algorithm' and the last one was by Sammiya on the topic 'Directed Graphs'.



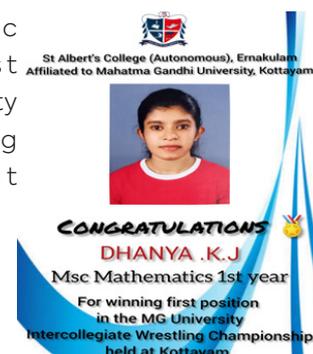
Each of the presentations included abstract, importance and novelty of the topic, preliminaries, chapter-wise summary and conclusion. After each presentation the tutors gave suggestions to improve their presentation skills.

Career Guidance – Talk on Resume Preparation

On 26 November, 2021, the Department of Mathematics, St. Albert's College (Autonomous), Ernakulam arranged an interactive session with Ms. Riya Joseph, Employee of Paypal, and an alumnus of the Department. The talk was on Resume Preparation. Ms. Riya Joseph began the session with a game. She shared her experience of resume preparation during her college days and gave the students tips and guidance on how to prepare a resume. She also told them about the sites which can be used for resume preparation. A few students asked their concerns about the topic and she cleared them.

Student Achievements

Ms. Dhanya K J of I MSc Mathematics won first position in the MG University Intercollegiate Wrestling Championship held at Kottayam.



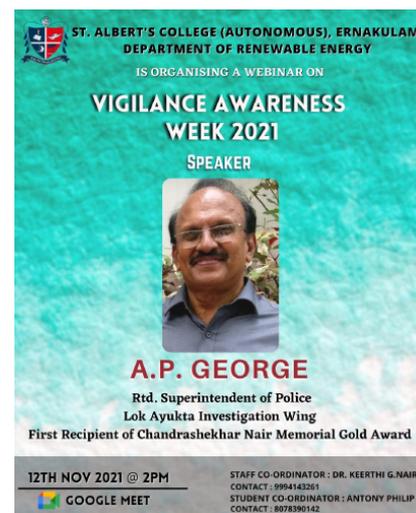
The Department of Renewable Energy

Webinar for Vigilance Awareness Week

The Department of Renewable Energy organised a webinar in connection with Vigilance Awareness Week on 12 November, 2021 to create awareness on vigilance and the corruption going around.

The resource person for the session was Mr. Arakal Paily George, Retired Superintendent of Police, Lok Ayukta Investigation Wing, Thiruvananthapuram. He was the first recipient of the Chandrasekharan Nair Memorial Gold Award and cash prize from Shri.K K Nayanar for the Best Investigation Officer of 1994 and for the contribution in crime detection and successful prosecution. He was also an alumnus of St. Albert's College (Autonomous), Ernakulam having studied in the Department of Botany from 1967 to 1970. He shared his experiences with the Police Department and advised the participants to be vigilant towards all crimes and act efficiently. Students and teachers of the department actively participated and raised questions in the interactive session.

Dr. Keerthi G Nair, Assistant Professor of the Department of Renewable Energy was the staff coordinator for the same. There was a total of 37 participants, out of which 30 were the students of Department of Renewable Energy and 7 were faculties of the department.



Book Release

Ms. Jibi K B, Assistant Professor of the Department of Hindi, St. Albert's College (Autonomous), Ernakulam published a book titled 'भीष्म साहनी की कहानियो में बदलते जीवन मूल्य.' The event was organized at Bernard Hall. The inaugural talk was delivered by Shri. V D Satheeshan MLA, the honourable Leader of Opposition. The keynote address was delivered by Shri. Vinod T J MLA, Member, Ernakulam Assembly Constituency. The Presidential Address was delivered by Rev. Dr. Antony Thoppil, Chairman and Manager, St. Albert's College (Autonomous), Ernakulam. Dr. M A Solomon, Principal, St. Albert's College (Autonomous), Ernakulam delivered the Principal's address. The book and its contents were introduced by Dr. Sajith S J Sasi, Assistant Professor, the Department of Hindi, SN College, Sivagiri, Varkala. Ms. Jibi K B and Mr. Shine Antony, Dean, Training and Development, St. Albert's College (Autonomous), Ernakulam also addressed the gathering.

FDP on Outcome Based Syllabus Framing Methodology

The Office of the Dean, Academics and the Office of the Dean, Training and Development, St. Albert's College (Autonomous), Ernakulam in association with the Office of the Controller of Examinations and the Internal Quality Assurance Cell organized two sets of a two-day offline Faculty Development Programme on 'Outcome Based Syllabus Framing Methodology.' Separate two-day sessions were organized, with the first set for the teachers of the Arts, Commerce, Management and Vocational Departments and the second set for the teachers of the Science Departments.

The resource person for both the FDPs were Dr. Rosamma Philip, Principal, Mount Tabor Training College, Pathanapuram, Kollam. The first set of sessions was inaugurated by Rev. Dr. Antony Thoppil, Chairman and Manager, St. Albert's College (Autonomous), Ernakulam. The second set of sessions was inaugurated by Dr. P G Sankaran, Professor and Pro Vice Chancellor, Department of Statistics, CUSAT.

Dr. Rosamma Philip's session was divided into specific sections, with practical activities on writing outcomes based on the syllabi of each Department. Activities were organized in groups, ensuring the active participation and involvement of all teachers. The live feedback sessions proved how effective the FDP was for all participants.



St. Albert's College (Autonomous)
Banerji Road, Ernakulam, Kochi - 682018, Kerala, India

Two Day Faculty Development Programme
'Outcome Based Syllabus Framing Methodology'

Organized by, Office of the Dean Academics,
Office of the Dean Training and Development
in association with Office of the CoE & IQAC

Venue : Mellano Hall
19th & 20th November 2021



Key Resource Person
Dr. Rosamma Philip
Principal
Mount Tabor Training College,
Pathanapuram, Kollam