



Estd. 1946

EXPRESSIONS

The Albertian Newsletter

St. Albert's College (Autonomous)

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Editorial



Dr. Ajitha H

As a professional or a college student, balancing responsibilities at your home and work or college is not easy. But the fact is, no matter what, you're always left with the same 24 hours in a day to complete all your works and to unwind. By planning in advance and using your time wisely, you will be able to achieve more and relish added free time. It can be done by planning ahead, by creating a to-do list.

It is usually good to start with shorter, simpler to-do items and then move on to larger projects or activities. You have to pay attention to what magnets your focus away from your work or studies and indispensable activities. Hence it becomes very important to identify time wasters and deliberately avoid it. You should also identify what you need to do, and then prioritize the task based on when it has to be completed.

If you are trying to juggle multiple tasks at a time, you will most likely be less productive. It is better to focus on doing one thing at a time. Setting a routine is a better way that can also help you to accomplish the things you need to do. Wisely using breaks also helps in time management and improves the efficiency of your work. You need to give your mind a rest and take time for yourself.

The Department of Chemistry and Research Centre

Rasajalakam

The Department of Chemistry and Research Centre is running an Academic Extension Programme known as "Rasajalakam", opening a window to the wonderful world of Chemistry and its importance in daily life especially for the budding young minds of nearby institutions. In the Academic Year 2021-2022, Rasajalakam was conducted on 12 February, 2022 in collaboration with Holy Cross Convent, Ernakulam. The programme coordinator, Dr. Nisha V S visited the girls rehabilitated by the government of Kerala at the Holy Cross Convent. In the first session, Dr. Nisha V S introduced the wonderful world of Chemistry to the young minds. Then she explained the chemistry and production procedure of soaps and detergents. A batch of soaps and detergents were made with the support of students. An interaction session was also held after the demonstration. They asked various queries and these revealed their enthusiasm and scientific temperament.



Industry Institute Interaction

The Department of Chemistry and Research Centre organized an Industry-Institute interaction (I I I – 2022) on 25 February, 2022. This was an interactive session with eminent personalities from collaborative industries, aimed at facilitating mutual benefit and growth of the institution as well as industries. The Institute Interaction of this academic year was held at ISF Chitin and Marine Products LLP, Kochi. Mr. B M Joseph, CEO, ISF, Mr. Sreejith V S, Director, Science Centre, Kodungallur, Dr. Vijay John Gerson, Head, Department of Chemistry and Research Centre, Dr. Krishnakumar K S, Mr. Alex Kuriakose V J, Dr. Nisha V S, and the Executive members of ISF were also present. Mr. B M Joseph, CEO, ISF welcomed and highlighted the importance of the interaction. He pointed out the main objectives of this meeting and noted it to be the beginning of a new journey for the development of product-oriented research in a collaborative manner. It was decided to sign a new tri party MoU for this new venture. A fruitful discussion was held and it highlighted the initial hiccups and the different initiatives for the new project. The enthusiastic participation of all members made it

National Science Day Celebrations 2022

The Department of Chemistry and Research Centre conducted National Science Day Celebrations on 28 February, 2022. Dr. Rajesh Kunjanpillai, Dean, Research, St Albert's College (Autonomous) and the programme coordinator of National Science Day Celebrations welcomed the gathering. The resource person for the programme was Mr. Sreejith V S, Hon. Director, Science Centre, Kodungallur. The highlight of the event was " വീട്ടിലൊരു പരീക്ഷണശാല " a science popularization programme. The purpose of this event was to create awareness on the importance of Science Day and demonstrate simple chemistry experiments using materials from day today life. He demonstrated 4 different experiments and explained its chemistry. Students thoroughly enjoyed the session and were highly inspired. The student coordinator of this programme was Ms. Fathima Thasleem.



The Department of Renewable Energy

Industrial Visit - CIAL

The Students of MVoc Renewable Energy Management, under the guidance of Dr. Jerin Mohan N D visited the 40MW Solar Power Plant at CIAL (Cochin International Airport Limited) on 18 February, 2022. The aim of the visit was to study the working of the CIAL Power Plant. The site visit commenced at 10.00am and concluded at 03.30pm.



Faculty Achievement

Jerin Mohan N D, Assistant Professor and Head-in-charge received his Doctorate from Cochin University of Science & Technology under the guidance of Prof. Titus K Mathew on 15,February, 2022.



Hands-on Training – PSIM

A two-day Hands-on Training on PSIM Software was organized by the Department of Renewable Energy. The resource person for the same was Mr. Alex Jose, Assistant Professor, the Department of Renewable Energy, St Albert's College (Autonomous), Ernakulam.

Mr. Alex Jose conducted the training program on 21 and 22 February, 2022. Dr. Jerin Mohan N D, Head-in-charge, the Department of Renewable Energy, inaugurated the Hands on Training. 7 students from MVoc Renewable Energy Management participated in the sessions. The goal of the session was to improve the technical skills of faculty and students of the department in a short period of time. The session concluded with an interactive feedback session with the participants. Mr. Anoop A of II MVoc REM was the student coordinator of the event.



Industrial Visit – Energy Management Centre (EMC)

The Department of Renewable Energy arranged an industrial visit on 23 February, 2022 to the Energy Management Centre located at Sreekariyam, Thiruvananthapuram for the students of Semester IV MVoc. Energy Management Centre (EMC Kerala) is the State Designated Agency to coordinate, regulate and enforce the provision of the EC Act 2001 in the state of Kerala with the concurrence of BEE, Ministry of Power, Govt. of India and for implementing various schemes under the Act. The Centre is devoted to the improvement of energy efficiency in the State, promotion of energy conservation and encouraging development of technologies related to energy through research, training, demonstration programmes and awareness.



Mr. Alex Jose was the faculty coordinator of the industrial visit.

The visit included interactive sessions, lab visits and a demonstration. From this visit the students learned about the different programmes conducted by EMC, its Mini Hydro Power project, Electricity meter calibration, LED light efficiency testing, Energy efficient building and Electric vehicles.

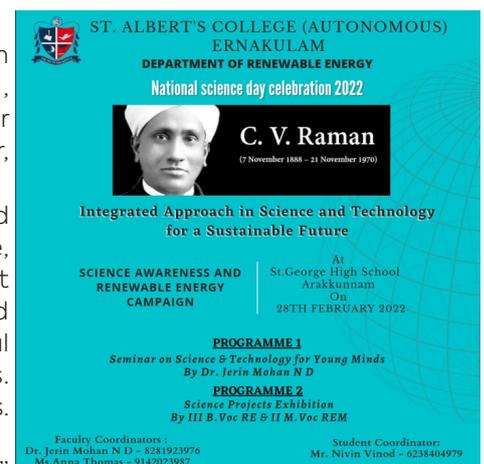
National Science Day Celebration

The Department of Renewable Energy and Grameen Library, Aarakkunnam celebrated National Science Day 2022 at St. George's High School, Aarakkunnam on 28 February, 2022. Mr. P M Kuriachen, Associate Professor (Rtd), U C College, Aluva inaugurated the event. Mr. C K Reji, School Manager, presided over the function.

Ms. Preetha Jose, Head Mistress, Dr. Jerin Mohan N D, Assistant Professor and Head-in-Charge, the Department of Renewable Energy, Mr. Jinu George, President of the Library, Ms. Anna Thomas, Assistant Professor, the Department of Renewable Energy, Mr. Akarsh Sajikumar M, Faculty, St. George's HS and Ms. Beena P Nair, PTA President presented their views in celebrating National Science Day and felicitated the event. Library and school officials – Ms. Daisy Varghese, Ms. Mereena Abraham, Ms. Innu V Johny, Ms. Jincy Paul, Ms. Annamma Chacko and Ms. Dona Jose participated in the event.

Dr. Jerin Mohan N D also conducted a seminar on the topic "Man and Science." After the seminar, a science exhibition was organized under the guidance of Dr. Jerin Mohan N D, Ms. Anna Thomas and Mr. Akarsh Sajikumar M.

BVoc and MVoc students of the Department of Renewable Energy exhibited and demonstrated their projects for the high school students.



The Department of Zoology

MoU Signing

An MoU was signed between St. Albert's College (Autonomous) in association with the Department of Zoology and OmicsGen LifeSciences Pvt. Ltd.

Entrepreneurial Talk

An entrepreneurial talk on "Emergence of an Entrepreneur - From Speak to Success" was organized by Department of Zoology in association with the Albertian Incubation Centre, Institution Innovation Council and Innovation and Entrepreneurship Development Centre on 26 February, 2022. The resource person for the session was Dr. Jikku Jose, Founder and CEO, Scire Science Group, Kinfra HiTech Park, Kalamassery. The talk was inspirational and motivating. Dr. Jikku explained the steps of beginning an entrepreneurial journey, driving it to success and about the qualities which are essential for an entrepreneur. After the talk there was an interactive session with the resource person.

The faculty coordinator of the webinar was Dr. Jissa G. Krishna, Assistant Professor, the Department of Zoology and the student coordinator was Ms. Ann Maria Anu of II BSc Zoology.

The poster for the "Emergence of an Entrepreneur: From Spark to Success" talk features the St. Albert's College logo and logos for the Albertian Incubation Centre (AIC), Institution's Innovation Council (IIC), and Innovation and Entrepreneurship Development Centre (IEDC). It includes a photo of Dr. Jikku Jose and provides the date (26 February 2022) and time (10:30 AM) via a clock icon. A Google Meet link is provided at the bottom. The faculty coordinator is Dr. Jissa G. Krishna (9620617132) and the student coordinator is Ms. Ann Maria Anu (773696988). A link to join the webinar is also present.

The Department of Botany

REVIVE: Revival for Survival

The Department of Botany, St. Albert's College (Autonomous), Ernakulam and the Department of Biosciences, MES College, Marampally in association with SEED, Mathrubhumi organized a webinar on the theme "Integrated Approach in Science and Technology for Sustainable Future", the focal theme of this year's National Science Day celebrations.

The resource person for the webinar was Dr. Anu Gopinath, Assistant Professor, the Department of Aquatic Environment Management, KUFOS, and District Coordinator, Haritha Kerala Mission. The welcome address was delivered by Dr. Umesh B T, Head of the Department of Biosciences, MES College, Marampally.

Dr. Anu Gopinath gave a highly informative and interesting talk on "Green Methodology in Environmental Bioremediation" in which she gave a clear picture of how nanoparticles are synthesised and their significance in nanotechnology.

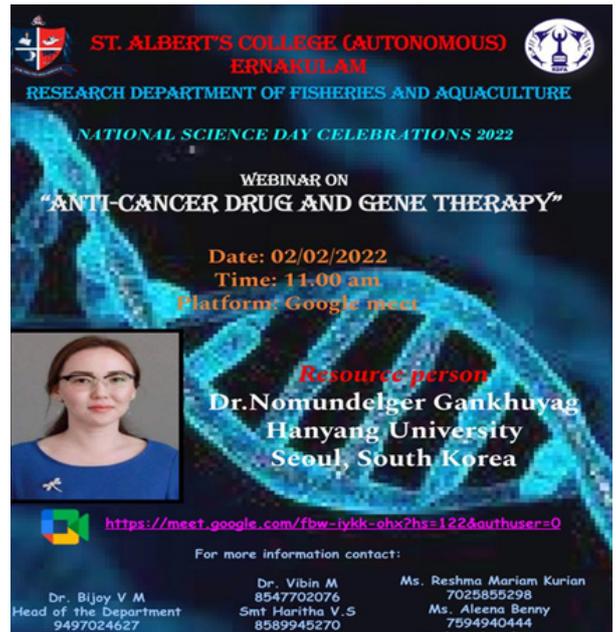
The webinar was attended by around 100 participants. The coordinators of the webinar were Dr. Mini K. Paul, Assistant Professor, MES College, Marampally and Ms. Mary Joseph, Assistant Professor, St. Albert's College (Autonomous). The webinar formally ended with the vote of thanks proposed by Ms. Drishya K. Reghuvaran.

The poster for the "REVIVE: Revival for Survival" webinar features logos for MES College Marampally, St. Albert's College (Autonomous), and SEED. It highlights the National Science Day Celebrations with the focal theme "Integrated Approach in SAT for Sustainable Future". The event is scheduled for 28 Feb 2022 at 10:30 AM. The resource person is Dr. Anu Gopinath, Assistant Professor, Dept. of Aquatic Environment Management, KUFOS. A Google Meet link (meet.google.com/cyo-fpck-aab) is provided. Coordinators are Dr. Mini K. Paul (9743623677) and Ms. Mary Joseph (9895237258). Student coordinator is Ms. Anagha Suresh Kumar.

Research Department of Fisheries and Aquaculture

Webinar on Anti-Cancer Drug and Gene Therapy

The Research Department of Fisheries and Aquaculture organized a Webinar on Anti-Cancer Drug and Gene Therapy on 2 February, 2022. Dr. Bijoy V M, Head of the Research Department of Fisheries and Aquaculture welcomed the gathering and also added a few words about the relevance of the topic. The webinar was then taken over by the resource person, Dr. Nomundelger Gankhuyag, Post-Doctoral Research Fellow, Hanyng University, Seoul, South Korea. She began the talk with an introduction on the different types of cancer, which is a slowly progressing disease of various organs or tissues. She explained in detail, the various stages of cancer. She also explained the role of Anti-cancer therapeutic strategy using non-viral carrier for gene and drug delivery in target cancer. The talk was followed by an interactive session where the platform was open for discussion. The webinar was marked with a participation of around 100 participants.



The poster for the webinar features a blue DNA double helix background. At the top, it reads 'ST. ALBERT'S COLLEGE (AUTONOMOUS) ERNAKULAM' and 'RESEARCH DEPARTMENT OF FISHERIES AND AQUACULTURE'. Below that, it says 'NATIONAL SCIENCE DAY CELEBRATIONS 2022' and 'WEBINAR ON "ANTI-CANCER DRUG AND GENE THERAPY"'. The date is '02/02/2022', time is '11:00 am', and platform is 'Google meet'. A portrait of Dr. Nomundelger Gankhuyag is shown, with her name and affiliation: 'Resource person Dr. Nomundelger Gankhuyag, Hanyng University, Seoul, South Korea'. A Google Meet link is provided: 'https://meet.google.com/fbw-lykk-ohx?hs=122&authuser=0'. Contact information for Dr. Bijoy V M, Dr. Vibin M, and Ms. Reshma Mariam Kurian is listed at the bottom.

The Department of Journalism

Faculty Achievement

Ms. Nikitha Shaji Thomas, Assistant Professor of the Department of Journalism published a paper titled "Impact of Offline Classes in Improvement of English Skills Among College Students" in Vidya Bharati International Interdisciplinary Research Journal.

Ms. Greeshma M S, Assistant Professor of the Department of Journalism published a paper titled "Displacement and Identity Crisis in Post Colonial Novel" in the International Journal of Research and Analytical Reviews (IJRAR).

Ms. Carol Savio Fernandez, Assistant Professor of the Department of Journalism published a paper titled "Death in Feminist Theatre: A Post-Truth Analysis" in the International Journal of Research and Analytical Reviews (IJRAR).

Mr. Francis Adarsh Albert, Assistant Professor of the Department of Journalism published a paper titled "Transhumanism and its Gender Undertones" in the International Journal of Research and Analytical Reviews (IJRAR).

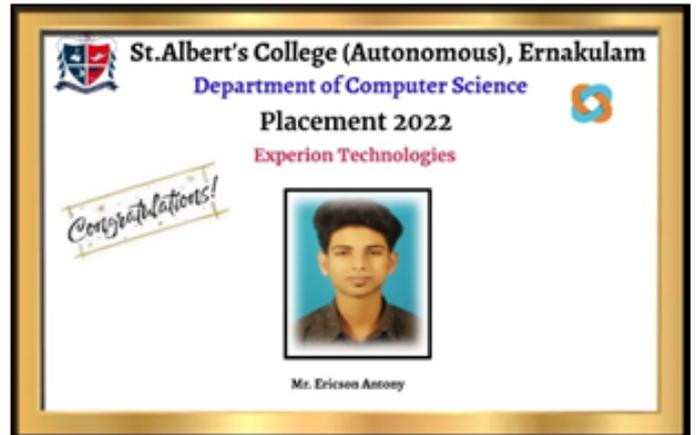
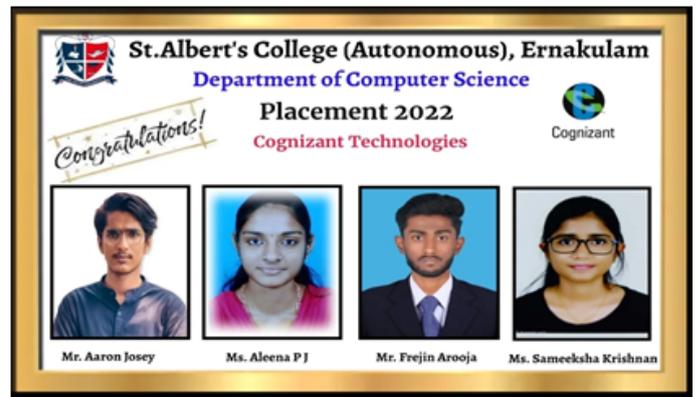
The Department of Computer Science

Placement News

Ms. Sameeksha Krishnan, Mr. Aadhil Muhsin and Ms. Sreelekshmi S, students of BSc Computer Science (Batch 2019-22) got placed with TCS in the month of February, 2022.



Ms. Sameeksha Krishnan, Mr. Frejin Arooja, Ms. Aleena P J, Mr. Aaron Josey, students of BSc Computer Science (Batch 2019-22) got placed with Cognizant in the month of February, 2022.



Mr. Ericson Antony, student of BSc Computer Science (Batch 2019-22) got placed with TCS in the month of February, 2022.

Mr. Ericson Antony, student of BSc Computer Science (Batch 2019-22) got placed with Experion Technologies in the month of February, 2022.

Student Achievements

Ms. Sreelakshmi P S, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “Blockchain Cryptography Resistant to Quantum Computing Attacks” in the International Journal for Modern Trends in Science and Technology (IJMTST).



Ms. Muhsiena K H, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “An Exploration into Artificial intelligence of Security threat, Crime and Forensics” in the International Journal for Modern Trends in Science and Technology (IJMTST).



Ms. Greeshma Theresa, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “An IoT Solution for Smart Farming” in the International Journal for Modern Trends in Science and Technology (IJMTST).

Ms. Sameeksha Krishnan, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “An Exploration into Artificial intelligence of Security threat, Crime and Forensics” in the International Journal for Modern Trends in Science and Technology (IJMTST).



Ms. Anjana, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “Secure Authentication using 3D password” in the International Journal for Modern Trends in Science and Technology (IJMTST).



Ms. Josna Mary, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “Block chain in smart health care” in the International Journal for Modern Trends in Science and Technology (IJMTST).



Mr. Immanuel Antony, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “Role of Artificial Intelligence in AI” in the International Journal for Modern Trends in Science and Technology (IJMTST).

Mr Ericson Antony, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “Robotics as an educational tool” in the International Journal for Modern Trends in Science and Technology (IJMTST).



Mr. John Shaize, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “Scrutinizing the Implementation of Super-Resolution Techniques in Photo-Editors using Artificial Intelligence in Photography” in the International Journal for Modern Trends in Science and Technology (IJMTST).



Mr. Astel Mathew K J, student of BSc. Computer Science (Batch 2019-22) published a research paper titled “Artificial Intelligence: Pertinence in Supply Chain and Logistics Management” in the International Journal for Modern Trends in Science and Technology (IJMTST).

Faculty Achievement



Ms. Amrutha N published research papers titled “Blockchain Cryptography Resistant to Quantum Computing Attacks” and “An Exploration into Artificial intelligence of Security threat, Crime and Forensics” in the International Journal for Modern Trends in Science and Technology (IJMTST) in the month of February, 2022.

Ms. Neenu Kuriakose published a research paper titled “Block chain in smart health care” in the International Journal for Modern Trends in Science and Technology (IJMTST) in the month of February, 2022.



Ms. Sangeetha J, Head of the Department, was the resource person for the value addition programme as part of the Industry Integrated Programme (IIP) organised by Syllabox in association with Sree Pashmi Institute of Management and Science held in the month of February, 2022.



Ms. Sangeetha J published papers titled “Secure Authentication Using 3D Password”, “Scrutinizing the Implementation of Super-Resolution Techniques in Photo-Editors using Artificial Intelligence in Photography” and “Sentiment Analysis of Covid-19 Tweets by using Deep Learning and Artificial Intelligence: Pertinence in Supply Chain and Logistics Management” in the International Journal for Modern Trends in Science and Technology in the month of February, 2022.



Ms. Agnes Neenu N T published a research papers titled “Robotics as an educational tool”, “Role of Artificial Intelligence in AI” and “An IoT Solution for Smart Farming” in the International Journal for Modern Trends in Science and Technology (IJMTST) in the month of February, 2022.