



Estd. 1946

EXPRESSIONS

The Albertian Newsletter

St. Albert's College (Autonomous)

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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. Anuvindha Shaji

Kurt Vonnegut says “We are what we pretend to be, so we must be careful about what we pretend to be”. Being careful about what we pretend to be doesn’t mean being flawless or a perfectionist. It is the ability to dust off and drape ourselves graciously even in our darkest times. Isn’t it a quality, a quality which demands perseverance. To be able to feed and nurture our mind with hope and zeal. Gazing into our destiny and promising ourselves to give the best to make the journey eventful. Life is too unpredictable and beauty lies in how we handle situations. Pretending to be someone who is not our true self and projecting a face for social appeal is the worse thing one can do to the self. The fragrance and slow spilling joy of being true to ourselves and our thoughts is the unfathomable. Give ourselves chances to err, but be careful about what we want to be or how we want to be remembered.

The Department of BBM

Baker's Meet

As a part of the Albertian Christmas Celebration “Feliz Natal” conducted by the college in association with IEDC and the Office of the Dean, Training and Development, the Department of BBM participated in the Baker's Meet held on 16 December 2022 at Baccinelli Hall. The students of the Department put up a stall which sold cakes, cupcakes, box cakes, chocolate balls, jars cakes etc.

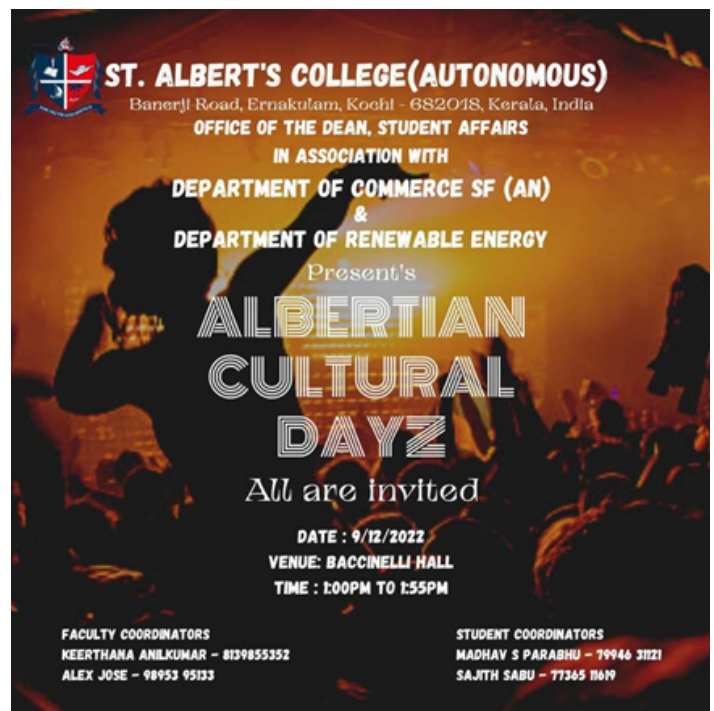




The Department of Commerce (SF)

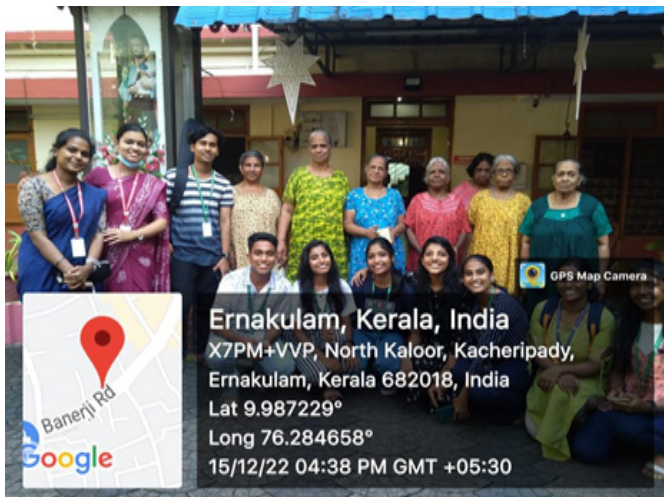
Albertian Cultural Days

The Department of Commerce SF (AN) and the Department of Renewable Energy jointly hosted the Albertian Cultural Days held on 9 December, 2022. The events of the day were music, dance, action song and mimicry by the students. In addition to these programmes, prizes for the essay writing competition conducted by the Department were distributed by Rev. Dr. Antony Thoppil, the Chairman and Manager. The event was coordinated by Ms. Keerthana Anilkumar of the Department of Commerce SF (AN) and Mr. Alex Jose of the Department of Renewable Energy.



Social Outreach Programme

The students and teachers of the Department of Commerce SF (AN) visited St. Teresa's Mercy Home at Kacheripady on 15 December, 2022. It is an old age home solely for women. The group from the college consisted of 10 students and two teachers. All members in the old age home assembled in the main hall and interacted with the students. Students distributed food boxes, visited all the rooms and talked to them. Some of them sang songs for students and talked about their lives. Students conducted various interactive games for them as well. The students thanked all the sisters and staff of the home for giving an opportunity and for their service for those in need.



St. Albert's College (Autonomous), Ernakulam

CARITAS
Touch of Love

Department of Commerce SF-AN

Organising a visit to
St. Teresa's Mercy Home
As part of Social Outreach

15TH DECEMBER 2022

Time: 3:00 PM

Faculty Coordinators:	Student Coordinators:
<i>Rajani Jayapalan</i>	<i>Madhav S Prabhu</i>
<i>Fousteena George</i>	<i>Devaki KJ</i>

Albertine 2022

As a part of Albertine 2022-2023, the Department conducted the Film Review competition for all the students of the college, on 20 December, 2022. 42 students registered for the competition. The faculty coordinators were Ms. Dayana Xavier and Ms. Keerthana Anilkumar. The student coordinators were Mila Nixon and Anaswar R. The programme was judged by Ms. Krishnendhu R. The first prize was bagged by Aiswarya Harish Sinji of II MA English. The second prize was bagged by Joby T Roy of I BA English and the third prize was bagged by Ajay K Biju of III B. Com Taxation (Aided).

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

Department of Commerce

ALBERTINE 2022-2023

FILM REVIEW

GUIDELINES TO BE FOLLOWED

- The review is to be written on a film screened before the competitors.
- Time allowed for review writing is One hour.
- The review can be written in English or Malayalam.

REGISTER BEFORE 3pm on DECEMBER 16TH, 2022

December 20, 2022
11am at Emmanuel Hall

REGISTER HERE -
<https://forms.gle/qQXAp4sm7oQyApKq9>

FACULTY COORDINATORS	STUDENT COORDINATORS
Dayana Xavier-9521886025 Keerthana Anilkumar-9139855552	Mila Nixon-9495777984 Anaswar R-9129154769

The mime competition was held on 22 December, 2022. The judges were Ms. Aswani B and Ms. Anna Thomas of the Department of Renewable Energy. Swandriya and team of B. Com Taxation (Aided) won the first prize, Devapriya and team of BBA bagged the second prize and Hruday Santhosh and team of the Research Department of Fisheries and Aquaculture won the third prize.



Christmas Celebrations

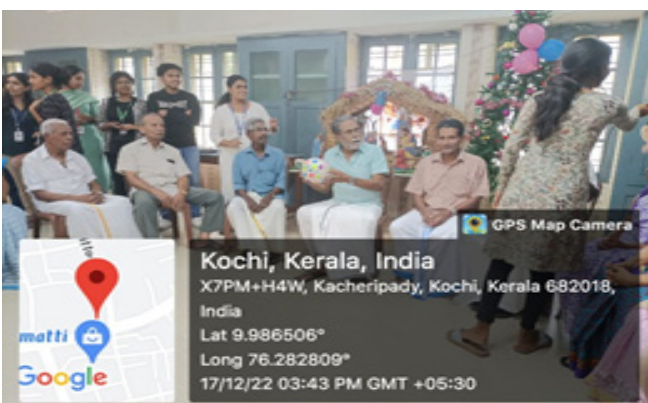
The Department of Commerce SF (AN) celebrated Christmas on 23 December, 2022. The students from B. Com Taxation, B. Com Co-operation, B. Voc Professional Accounting and Taxation and M. Com Finance participated in the programme. Various competitions such as Carol singing, dance and music were organized. Following this, Christmas cakes and gifts were exchanged.

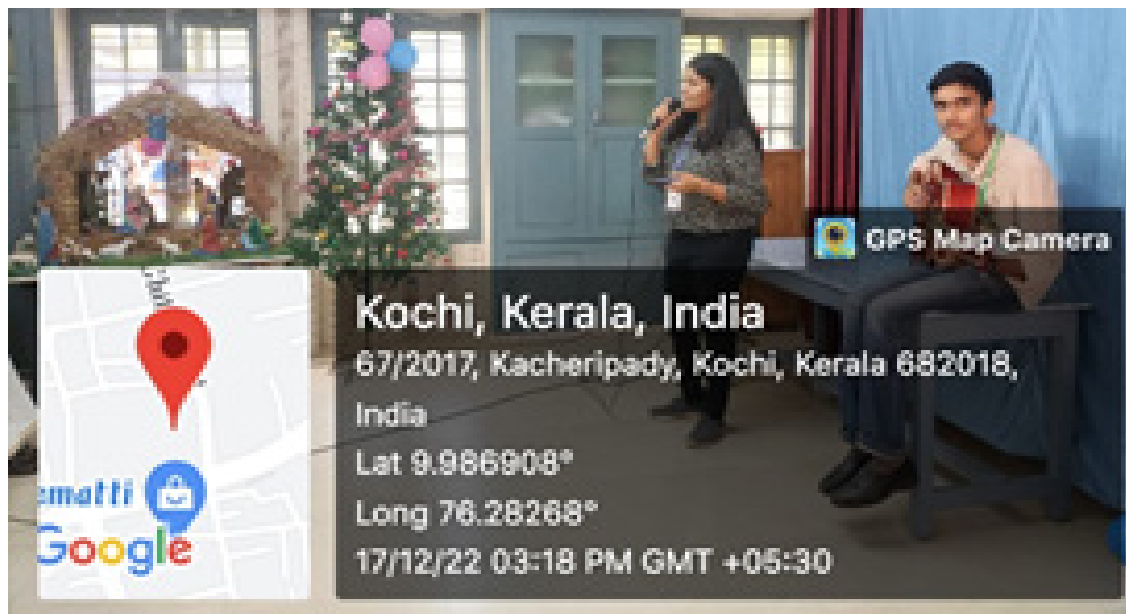
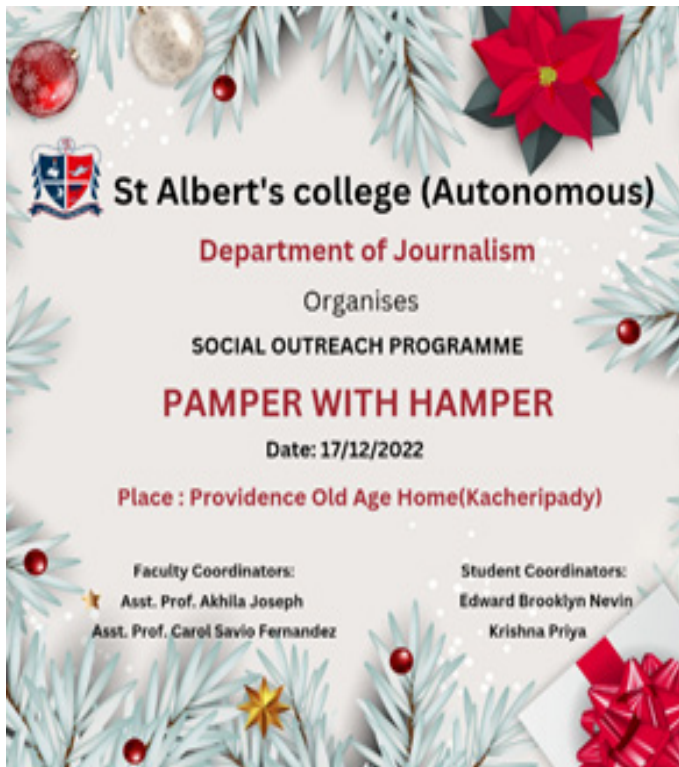


The Department of Journalism & Mass Communication

Yuletide 2022

The Department of Journalism celebrated Christmas with the members of Providence Old Age Home on 17 December, 2022 under the title "Pamper with Hamper." A team of teachers along with students added colour to the celebration by conducting various programmes and providing gifts to everyone. The event was filled with music, dance and enthusiastic rounds of games.





The Department of Zoology


Universal Health Coverage Day

In order to spread awareness on the importance of Universal Health Coverage Day, the students of M. Sc Zoology organized a flash mob on 12 December, 2022 at Baccinelli Hall. Dr. Deepthi Augustine, HoD-in-Charge was the faculty coordinator and Greeshma Thomas of II M. Sc Zoology was the student coordinator.



Advent Wreath Making

On the occasion of Christmas celebrations of the college, an advent wreath making competition was jointly organized by the Departments of Zoology and Botany on 20 December, 2022. The event was coordinated by Ms. Celin Nimisha and Dr. Vidhu Vijayan, Assistant Professors of the Department of Zoology and Ms. Drishya K Reghuvaran, Assistant Professor of the Department of Botany. The student coordinators were Kate Treesa, Parvathy and Sarun Peter. Three teams of two students from the departments of Space Science, Zoology and Botany participated in this competition. They made beautiful wreaths using natural flowers and other natural products. The competition was judged by Ms. Mary Joseph, Assistant Professor, Department of Botany and Mr. Lynn Paul, Assistant Professor, the Department of Logistics. Sameera Ahmed and Arron Augustine of I M. Sc Space Science secured the first prize. Megha Andrews and Ananthan K U of I M. Sc Zoology secured the second. Mary Asheena A A and Felicita Mathew of I M. Sc Botany secured the third prize.



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

Feliz Natal
Albertian Christmas Celebration

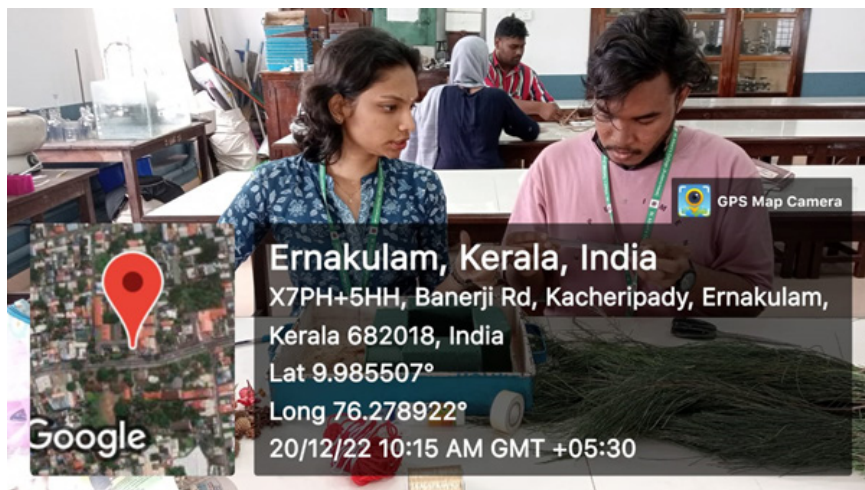
Advent Wreath Making
Organized by Department of Zoology and Department of Botany

- Group of two students can participate.
- Natural greens and flowers must be used for wreath making.
- Size of wreath should be between 20-30cms.
- Time limit – 1.30 hrs.
- Date: 20/12/2022
- Venue : Baccinelli Hall
- Last date of registration : 19/12/2022

Faculty Co-ordinators
Ms. Celin Nimisha Vijayan - 7025432017
Dr. Vidhu VV, - 9605936145
Ms. Drishya K Reghuvaran - 9895625477

Student Co-ordinators
Kate Treesa - 8136884293
Parvathi - 9633038739
Sarun Peter - 6235702622

Register here :
<https://docs.google.com/forms/d/1D-16X1EgmgKMTqUuLDg-GdWmNECA3vYtLlmi8/edit?usp=sharing>



Christmas Celebration

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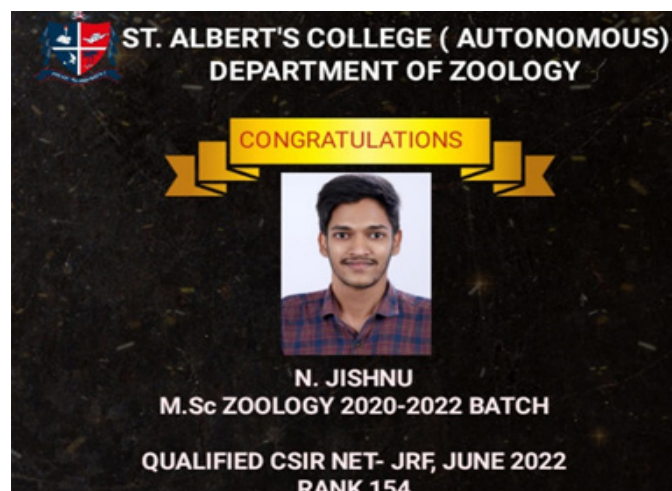
Achievements

PhD Open Defense

The PhD Open Defense of Sr. Reena Michael (Reg. No. 302/2015), a doctoral student of the Research Department of Zoology was held at Mahatma Gandhi University, Kottayam on 16 December, 2022. Three faculties and 27 MSc Zoology students attended the open defense. Her thesis title is “Genotoxic and Biochemical effects of Phorate on Oreochromis mossambicus” and the work was carried out under the guidance of Dr. M L Joseph, former Principal (2016–2020). She is the 4th PhD awardee from the department.



Mr. Jishnu of M. Sc Zoology Batch 2020–2022 and Ms. Anju of M. Sc Zoology Batch 2016–2018 cleared CSIR NET JRF in June, 2022.



The Research Department of Fisheries & Aquaculture

MoU Signing

The Research Department of Fisheries and Aquaculture and INDOCERT, Ernakulam, the first indigenous organic certification body in India, signed MoU for future collaboration in food safety training and certification and to hold/ conduct the events, joint workshops, conferences, and seminars. The signing event was held on 2 December, 2022.

Rev. Dr. Antony Thoppil, Chairman and Manager, St. Albert's College (Autonomous) Ernakulam and Mr. Mathew Sebastain, Executive Director, INDOCERT, Aluva, Ernakulam signed the MoU in the presence of Dr. Bijoy V M, Principal, Dr. Vibin M, Head of the Department, Mr. Shine Antony, Academic Coordinator, Chris George Mathew and Ms. Anusha Resmi, Staff, INDOCERT, Joby Varghese IS Coordinator – Office of International Affairs, Industry Relations and faculty members.



Skill Development Programme

The Research Department of Fisheries and Aquaculture organized a Skill Development Programme on SCUBA entitled “Scuba Refresher & Skill Workshop” in collaboration with Aqua Leo, Kochi and Conservation Research Group (CRG), Kerala, India. The programme was held on 6 December, 2022. The inaugural speech was delivered by Rev. Fr. Vincent Naduvilaparambil, Vice Chairman and Bursar, St. Albert's College (Autonomous). Dr. Retina I Cleetus, Vice Principal, felicitated the gathering. Mr. Joseph Deleesh, Manager, Aqua Leo was the chief guest of the function. He introduced SCUBA diving and its importance. Mr. Sorenson Instructor, Aqua Leo and Ms. Athulya, Dive Master led the session with an audio-visual presentation. The demonstration session was also held at the same hall. Ms. Athulya demonstrated the SCUBA diving equipment to participants and displayed the techniques and procedures for handling each equipment. He also explained the course structure, importance and scope of SCUBA training.



**ST. ALBERT'S COLLEGE (AUTONOMOUS)**
RESEARCH DEPARTMENT OF FISHERIES & AQUACULTURE, ERNAKULAM, KERALA 682018

IN ASSOCIATION WITH



SCUBA REFRESHER & SKILL WORKSHOP
a story about SCUBA diving potential
6th December 2022 | Kochi | KERALA | INDIA

AWARENESS DEMONSTRATION DISCUSSIONS

RESOURCE PERSONS

Mr. Joseph Deleesh
Manager, PADI No. 1201AV6356

Mr. Sorenson
Instructor, PADI No. 409760

Ms. Athulya
Dive Master, PADI No. 516534

aquaculture@alberts.edu.in

Bernard Hall, St. Albert's College
(Autonomous), Ernakulam

11am - 1pm
6th December, 2022

Head of the Department
Dr. Vibin M., BPhA

Faculty Coordinators
Mr. Jayachandran P.B., Assistant Professor, Aquaculture, BPhA
Ms. June Mary, Assistant Professor, Industrial Fish & Fisheries, BPhA

Resource Persons
Asst. Prof. Srinivasan G., SF (FNS), BPhA
Asst. Prof. Chiray Mathie P.J., SF (ANO), BPhA
Mr. Elmo Francis T.J., BSc. Aquaculture, BPhA
Mr. Abhinav M., BSc. Industrial Fish & Fisheries, BPhA
Mr. Abhishek K., B.Voc. Commercial Aquaculture, BPhA

Study Tour

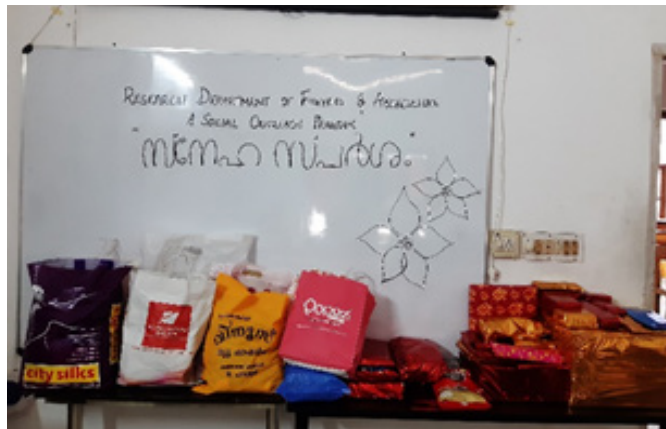
The Research Department of Fisheries and Aquaculture organized a study tour to key academic institutions, including Mangalore Fisheries College, National Institute of Oceanography, National Centre for Polar & Ocean Research as a part of the curriculum. A group of 27 students were accompanied by two faculty members, Mr. Sayeed Mohamed and Ms. Junemary Josy. The students visited Mangalore Fisheries College, a premier Fisheries Education and Research Institute aided with explanation on various extension activities and on-going research projects by Dr. Kumar Naik. They also visited the Department of Aquatic Animal Health Management, Aquaculture, Fisheries Resource Management and Library. On 14 December, the students visited CSIR – National Institute of Oceanography (NIO), Dona Paula Goa. Mr. Kavlekar Devanand, Senior Technical Officer (NIO), gave a detailed explanation on the activities of NIO through a video presentation followed by a museum visit. Later, a visit to the National Centre for Ocean & Polar Research (NCPOR), Vasco da Gama (Goa), was conducted and Dr. Swati Nagar provided a comprehensive explanation of the NCPOR activities followed by a presentation on Fisheries by Dr. Baban S Ingole, Scientist, NCPOR. The next day, the students visited Calangute fish market and Baga Beach fish landing center. The team also visited Dandeli and Coorg including Nisargadhama Forest, Coorg.





Social Outreach Programme

The faculties and students of the Research Department of Fisheries and Aquaculture visited and donated clothes, toys, stationery items, hygiene products, gifts and other useful products to Nirmala Shishu Bhavan, Kaloor, Ernakulam, on 22 December, 2022. The programme was coordinated by Ms. Sneha R Pai, Ms. June Mary Josey and the Social Outreach Coordinator, Mr. Saeed Mohamed P K.



Christmas Speech Competition

The Research Department of Fisheries and Aquaculture organized a Christmas Speech competition on 19 December, 2022, as a part of Christmas Celebrations 2022. The competition was conducted separately for English and Malayalam. The judging panel comprised of Dr. Renjith Kumar, Research Department of Fisheries and Aquaculture and Mr. Julian Tom Job, Department of Journalism and Mass Communication.



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

Research Department of Fisheries and Aquaculture

Feliz Natal
Albertian Christmas Celebration

'Inter-Departmental Christmas Speech Competition'

Guidelines

- Students (UG/PG) from all the departments can participate
- Competition will be in Malayalam and English languages and will be judged separately
- Students should speak on the given particular topic for at least 5 minutes.
- Judging will be based on: • Content • Creativity • Voice modulation • Fluency • Gestures and postures
- During the speech no student is allowed to carry any kind of paper material or electronic gadget.
- Date & Time: 19 December 2022, 12:30 pm
- Interested groups should register by 19 December 2022, 10:00 am
- Late registrations will not be entertained

Faculty Coordinator :- Raghi Rappal - 9778018070
Student Coordinator :- Amanda Mary Jude- 94004 06970


Register here : <https://forms.gle/ErLYN4D6S4ZnmIqP6>

In the English speech competition, the first place was secured by Y Chandrakant Singha, II M. Sc Applied Fisheries and Aquaculture. The second place was secured by Anokh Sajeev Marathara, II B. Sc Aquaculture. In Malayalam, Nandana Bose of I B. Sc Industrial Fisheries won the first prize and Fathima Khalzami of I B. Sc Aquaculture won the second prize.



Service Milestone

The Research Department of Fisheries and Aquaculture honored Mr. M F Joseph, Laboratory Assistant, who completed 40 years of service at St. Albert's College on 20 December, 2022. Dr. Bijoy V M, the Principal, the various Heads-in-Charge and Mr. M F Joseph shared their experiences during the event.



ST. ALBERT'S COLLEGE (AUTONOMOUS)
RESEARCH DEPARTMENT OF FISHERIES & AQUACULTURE

Honouring
M F Joseph

For completing 40 years of dedicated service in St. Albert's College (Autonomous)

Tuesday, Dec 20th 2022
Venue: Staff Room, RDFA
Time: 10:30 AM



Beach Cleaning

The Research Department of Fisheries and Aquaculture, in association with 7th Kerala Naval Unit NCC Organised a Beach Cleanup Programme “Puneet Sagar Abhiyan” at Fort Kochi beach on 10 December, 2022. The programme was inaugurated by the Fort Kochi Councilor. Dr. Vibin M, Head of the Department and Dr. Jayachandran P R, the programme coordinator was present. Students and NCC cadets of Navy Unit of St. Albert’s College actively engaged in the cleanup and removed the plastic debris from the beach. A total of 20 students of the Department participated in the programme.



**St. ALBERT'S COLLEGE (AUTONOMOUS)**
RESEARCH DEPARTMENT OF FISHERIES & AQUACULTURE, ERNAKULAM, KERALA 682018

**7th Kerala Naval Unit NCC
NATIONAL CADET CORPS**

IN ASSOCIATION WITH

Organising a Beach Cleanup Programme
in connection with National Youth Day

PUNEET SAGAR ABHIYAN

to clean coastal areas, sea shores and water bodies

**Fort Kochi Beach**

aquaculture@alberts.edu.in

**SCAN QR Code for Registration**

**10th January, 2023**



Head of the Department Dr. Vibin M. (RDFA)	Faculty Coordinator Dr. Jayachandran P.R., Assistant Professor, RDFA
Head in Charges Asst. Prof. Sivakumar G. (SF-FN, RDFA) Asst. Prof. Cicily Mable P.J. (SF-AN, RDFA)	Student Coordinators Mr. Samson Paulose (NCC Cadet) Mr. Anokh Sajeev Marathara (B.Sc. Aquaculture)

Study Tour

The Research Department of Fisheries and Aquaculture organized a study tour for the students of III B. Voc Fish Post Harvest Technology and Management from 14 December, to major academic institutes, Fish Meal Processing Plant, Udupi and Goa etc. as a part of curriculum. A group of 25 students were accompanied by Mr. Vishnu R and Dr. Sree Renjima G. The students visited Janatha Fish Meal Processing Plant, Udupi where the session started with a brief explanation about the company’s activities and products processed, by Mr. Ravi Kiran, Marketing Manager of Janatha Fish Meal. Following this, they visited the Malpe Harbor and observed the fish landings. Later, they visited CSIR – National Institute of Oceanography (NIO), Dona Paula, Goa which



started with visiting the museum at NIO, Headquarters followed by explanation of activities of NIO by Mr. Kavlekar Devanand, Senior Technical Officer (NIO) followed by a short film projection to showcase NIO actives. They also visited the Calangute fish market, Baga Beach fish landing center and fishing net maintenance unit at Goa and collected specimens including seaweeds and fish.

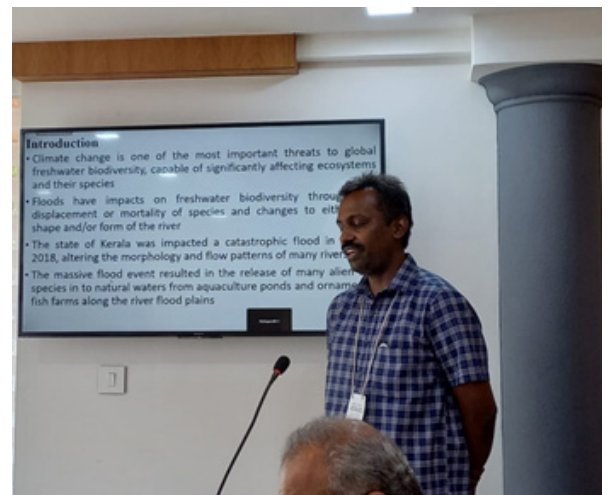


Faculty Achievement

Paper Publication and Presentation

Dr. Renjithkumar C R, Assistant Professor, Research Department of Fisheries and Aquaculture, St. Albert's College (Autonomous) published an international paper entitled "Length-weight relationships of 12 dominant fish species from a Ramsar Wetland in India: Vembanad Lake" in Lakes & Reservoirs: Science, Policy and Management for Sustainable use. (Wiley Journal)

He also presented a paper titled "Population characteristic of an alien fish red bellied pacu (*Piaractus brachipomus*) (Characiformes; Serrasalminidae) from Chalakudy river, Western Ghats, India" in the National Conference on Bio invasions – Trends, Threats and Management organized by Kerala State Biodiversity Board on 3 and 4 December, 2022 at Kerala Arts and Crafts Village, Kovalam, Thiruvananthapuram.



Scuba Refresher and Skill Workshop

Dr. Jayachandran P R, Assistant Professor, Research Department of Fisheries and Aquaculture acted as an Expert Faculty in the 3-day lecture and hands-on demonstration programme on “Methodological Approach on Benthos in Inland Open Waters” organized by ICAR – Central Inland Fisheries Research Institute (ICAR-CIFRI), Barrackpore, West Bengal from 27 to 29 December, 2022. The training programme was intended to gain expertise on the advancement of methodology on Benthos study in Inland open waters to the researchers. Dr. Jayachandran delivered a theoretical lecture and hands-on demonstration on title “Advance Methodological Approach on Taxonomic Evaluation, Identification and Enumeration of Macroinvertebrates.”



Publication

An article entitled “Note on Impact of Aquaculture on Environment and Vice Versa” authored by Gouri S Mydhili of III B. Sc Aquaculture, Dr. Bindhi S Kumar, Assistant Professor and Dr. Jayachandran P R, Assistant Professor was published in JNU ENVIS Newsletter – Pollution, in January 2023 issue of Volume 27(2).



The fisheries and aquaculture sector play a significant role in the Indian economy with a contribution of 1.07 % to GDP (NFDB, 2020). India has contributed 14,141 thousand tonnes to world fisheries (2020-2021) and surpassed China as the top inland fish producer (1.8 million tonnes, 2020). The Blue Revolution in India has significantly supported this sector, as a result, India has emerged as the second largest aquaculture producing nation in the world (86413 thousand tonnes, including seaweeds). Even so, India has fallen to the sixth position, when it comes to marine capture fisheries (3.71 million tonnes, SOFIA, 2022). India's per capita fish consumption is estimated as 5 to 6 kg per annum for the entire population, 8 to 9 kg per annum for fish eating population, while the Indian Council of Medical Research (ICMR) resulted in the extreme impacts on natural wild stocks due to overfishing and exploitation. Studies suggest that, wild population of fish will be down 90% by the year 2050, if overfishing is continued at the current rate. Apart from limiting the fish supply, overfishing leads to reduced fish genetic diversity, extinction of species and imbalance in the ecosystems. Studies imply that more than 70% of the world's fish species are either endangered or extinct. As a viable solution for overfishing or increased fishing efforts/pressure on the wild stock and to meet the increasing demand for fish, aquaculture is considered as the way forward and is promoted in most countries (FAO, 2020). A shift from capture to culture-based fisheries (aquaculture) has also paved the way for a sustained blue economy. According to recent reports, 50% of the fish consumed classified as closed and open systems, open aquaculture systems are often involving a large cage installed in an aquatic ecosystem where fish are reared, fed, then caught for usage. Closed aquaculture systems are land based and utilize filtration and recirculation systems. Aquaculture is strongly related to environmental conditions prevailing in the aquatic ecosystem. The overall production can be affected by changes in the environment, at the same time aquaculture activities can influence the overall health of aquatic ecosystems (Fig. 1).²³ cases, it can be either positive or negative. Hence, one can say, the fate of aquaculture and the environment is intertwined, variation in one creates impact on the other. The environmental degradation has a direct impact on both capture and culture fishery.



The Department of Computer Science

Workshop on Python for Machine Learning

The workshop on “Python for Machine Learning” organized by the Department of Computer Science on 14 December, 2022. Ms. Neenu Kuriakose was the faculty coordinator for the programme. The resource person was Ms. Fathima K, Head of the Department of Computer Application, Cochin Arts and Science College. The objective of the workshop was to acquaint the students with the basic developments and trends in the field of Machine Learning. Students learned about Machine Learning models, libraries and more. It provided knowledge on how to create a Machine Learning project, steps to follow etc. The workshop covered the perfect combination of theory and practical sessions.



The poster is for a workshop titled "Python for Machine Learning" held on 14-12-2022 at St. Albert's College (Autonomous), Ernakulam. It features a portrait of Ms. Fathima K, Head of the Department of Computer Application at Cochin Arts and Science College, who is the expert speaker. The event is an "Expert Talk" and is scheduled for 09:00 AM to 11:00 AM at Bernard Hall. The faculty coordinator is Ms. Neenu Kuriakose, and the student coordinator is Ms. Julin P A.

St. Albert's College(Autonomous), Ernakulam
Department of Computer Science
14-12-2022

Expert Talk
'PYTHON FOR MACHINE LEARNING'

Ms.Fathima K
Head of the Department
Department of Computer Application
Cochin Arts and Science College

Time : 09:00 AM - 11:00 AM
Venue: BERNARD HALL

Faculty Co-ordinator
Ms. Neenu kuriakose

Student Co-ordinator
Ms. Julin P A

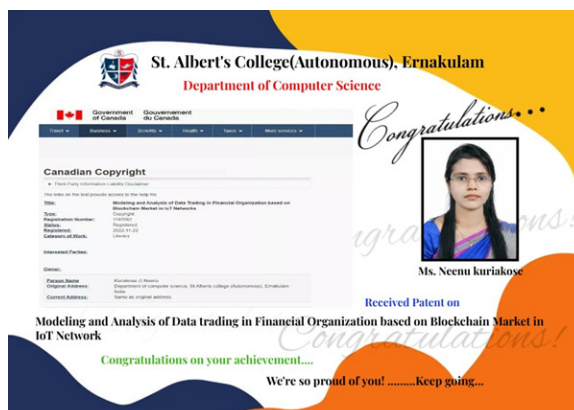
Social Outreach Programme

The teachers and students of the Department visited Nirmala Sisubhavan on 21 December, 2022.



Faculty Achievements

Ms. Neenu Kuriakose, the Head of the Department of Computer Science received an International Patent on “Modeling and Analysis of Data Trading in Financial Organization based on Blockchain Market in IoT Network” in the month of December, 2022.



The Department of English

Student Achievement

Gopu Krishnah from the Department of English secured the second prize in the ‘Star Jam – Best Actor’ competition on 2 December, 2022 organized by Rajagiri School of Social Sciences (Autonomous), Kalamassery.



Epifano 2022

The Department of Logistics Management organised Epifano 2022 as a part of the Christmas celebration on 23 December at Papali hall. This intra collegiate exhibition cum sale programme was initiated by the department to enhance the entrepreneurship, personality and marketing skills of the students. The programme was inaugurated by Rev. Dr. Antony Thoppil, Chairman and Manager, St. Albert's college (Autonomous). He inaugurated and made the first purchase from the stall. Rev. Fr. John Christopher, Registrar felicitated the gathering. Students from the Department of Logistics presented dance performances and solo musical performances on the stage.





The Department of Renewable Energy

Presentation & Discussion

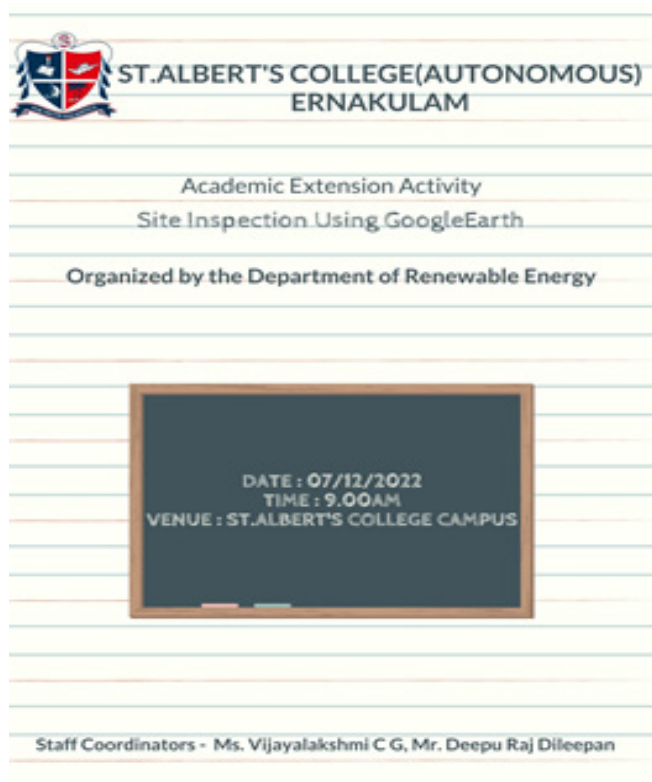
St. Albert's College (Autonomous) applied for the Kerala State Energy Conservation Awards 2022 in the 'Institutions & Organizations' category through the Department of Renewable Energy on 12 November, 2022. The Government of Kerala instituted the Kerala State Energy Conservation Awards through the Energy Management Centre, to encourage energy conservation activities in Kerala. Based on the proforma and supporting documents which substantiated the energy conservation efforts of St. Albert's College (Autonomous) and the Department of Renewable Energy, the Energy Management Centre, Thiruvananthapuram called the Department for a 10-minute presentation and further discussion at EMC on 2 December, 2022.

Ms. Vijayalakshmi C G, Assistant Professor and Head-in-Charge and Ms. Anju A, Assistant Professor of the Department of Renewable Energy reported at EMC for the presentation. Ms. Vijayalakshmi C G presented the contributions and energy management efforts taken by the college during the year 2021-22 in front of the judging committee and clarified the queries from the judging panel regarding the various energy conservation measures of the college. Ms. Vijayalakshmi C G and Ms. Anju A submitted the copy of the presentation, a Word document containing the energy conservation efforts made by the college along with the supporting photographs at EMC.



Academic Extension Activity

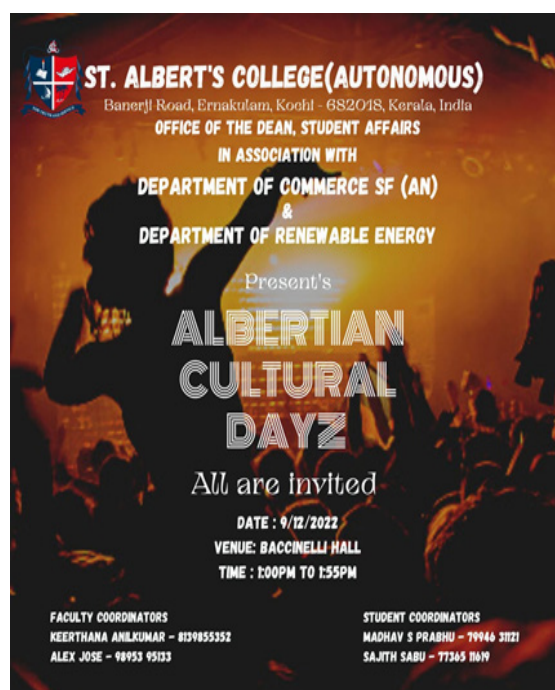
The students of B. Voc Renewable Energy of Batch 2020-23 were assigned an academic extension activity in connection with the roof top panel installation of the college. The college already has a 40kW roof top installation. Ms. Vijayalakshmi C G and Mr. Deepu Raj Dileepan guided the students to the roof top installation area on 7 December, 2022. The students inspected the site manually and by using the Google application in their mobile phones. The students made a feasibility study in upgrading the total power capacity and also in choosing the new panel installation sites. Mr. Arun, Supervisor of the maintenance and contract works helped the students in accessing the grid connection and electricity bill details. The report of the site inspection has submitted to the teachers concerned by the students.



Albertian Cultural Days

The Department of Renewable Energy organized Albertian Cultural Days in collaboration with the Department of Commerce SF (AN) on 9 December, 2022 at Baccinelli Hall. The arts coordinator of the department, Mr. Alex Jose and the student coordinator Sajith Sabu of II B. Voc Renewable Energy successfully coordinated the event. The students of the Department of Renewable Energy performed a group song, mimicry, action song and a group dance for the event.

The participation certificates for KREEPA – Green Power Expo, the volunteer and student coordinator certificates for the Comprehensive eye checkup camp and certificates for the various events conducted by the Department of Mathematics and Statistics were handed over by Rev. Dr. Antony Thoppil, Chairman and Manager,



Talk on Sustainable Transport – Water Metro Perspective

On 12 December, 2022, a talk titled Sustainable Transport –Water Metro Perspective was conducted in association with IEDC, St. Albert's College (Autonomous), Ernakulam. The event was presided over by Rev. Dr. Antony Thoppil, Chairman and Manager, St. Albert's College (Autonomous), Ernakulam.

The resource person for the session was Mr. Sajan P John, Chief Operating Officer, Kochi Water Metro. The session was about sustainable transport based on the water metro perspective. Mr. Sajan pointed out the effect of climate change and GHG emissions on sustainability, and thereby on the need for energy conservation. He also covered global energy end use and remedial methods to minimize carbon footprints. He familiarized the future aspects of water metro by incorporating renewable energy sources for navigation. The session about highly energy-efficient boats with low carbon footprint was very informative.

Dr. Jithin Benedict, Dean, Training and Development handed over the memento to Mr. Sajan P John as a token of gratitude and appreciation. The event was coordinated by Mr. Deepu Raj Dileepan and the student coordinator Sajith Sabu.



ST. ALBERT'S COLLEGE(AUTONOMOUS)
Banerji Road, Ernakulam, Kochi - 682018, Kerala, India
DEPARTMENT OF RENEWABLE ENERGY
In connection with
NATIONAL ENERGY CONSERVATION DAY

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE
aic
INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiatives)

A talk on
"Sustainable Transport –Water metro perspective"

Resource Person

ON 12-12-2022 AT 11:00 AM

Faculty coordinator
Mr. Deepu Raj Dileepan
+91 88910 90201

VENUE: BERNARD HALL

Student coordinator
Mr. Sajith Sabu
+91 77365 11619

Mr. Sajan P John
Chief Operating Officer
Kochi Water Metro, &
General Manager (Water Metro Operations)
Kochi Metro Rail Ltd, Kochi, Kerala.

Workshop on HelioScope Software

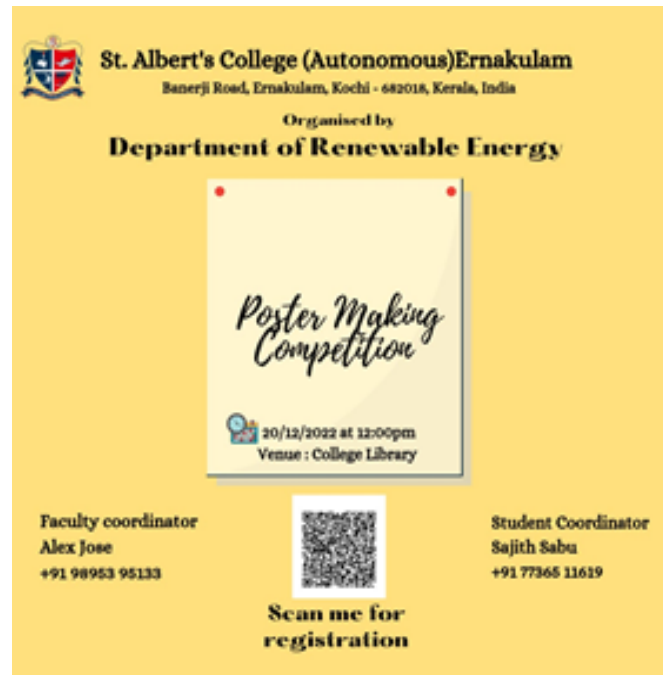
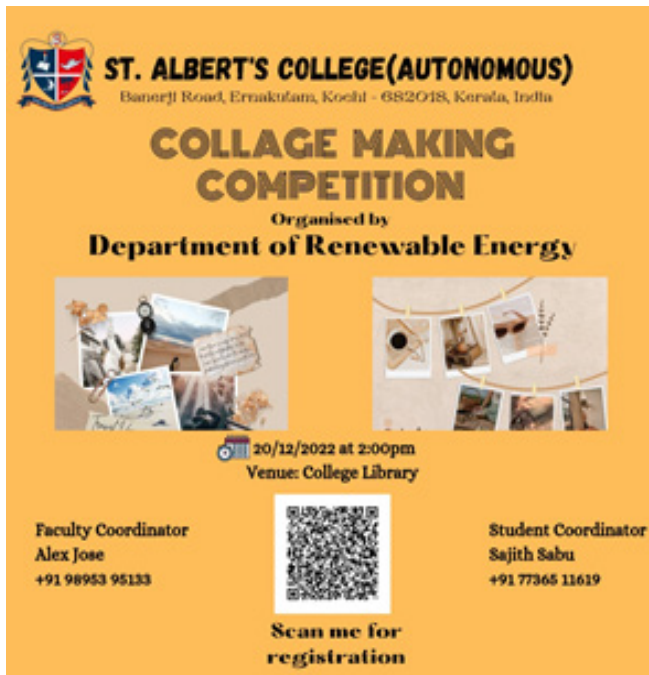
A workshop on HelioScope, a web-based PV design software was organized for the students of B. Voc Renewable Energy Batch 2021-24 on 17 December, 2022. The session was handled by Mr. Antony K L, Accredited Solar Power Plant Inspector, ANERT, Govt. of Kerala and Fr. Robinson P A, Alumnus of the Department. The session dealt with the familiarization of photovoltaic sizing software programmes for grid connected systems. Hands-on training and individual interactive sessions were also provided by the resource persons. Ms. Vijayalakshmi assisted by Arnel Ben Varghese and Jahana Sherin of II B. Voc Renewable Energy coordinated the event.



Poster & Collage making competitions – Interdepartmental Arts Fest

As part of the inter departmental arts fest, the Department of Renewable Energy organized a poster designing competition and a collage competition on 20 December, 2022. Mr. Alex Jose, assisted by the students Sajith Sabu, Anirudh K A and Mathew Sunil coordinated both the events.

14 students from various departments participated in the poster designing competition. Four students participated for the collage making competition. Both were judged by Ms. Anna Thomas, Assistant Professor of the Department of Renewable Energy.



Achievements

Kerala State Energy Conservation Award Ceremony

St. Albert's College (Autonomous), Ernakulam received the Kerala State Energy Conservation Award 2022 – Commendation Certificate and Plaque in the Institutions & Organizations category from the Kerala State Electricity Minister K Krishankutty on 14 December, 2022. The award ceremony took place at Mahatma Ayyankali Hall, Thiruvananthapuram. Rev. Fr. John Christopher Vadassery, Registrar, Ms. Vijayalakshmi C G, Head-in-Charge of the Department of Renewable Energy, Ms. Anju A, Assistant Professor of the Department of Renewable Energy, Ms. Haritha Venkatesh of II M. Voc Renewable Energy Management and Mr. Vedang D Naik of II B. Voc Renewable Energy attended the award ceremony.





ഊർജസംരക്ഷണ പുരസ്കാരങ്ങൾ പ്രഖ്യാപിച്ചു

തിരുവനന്തപുരം: സംസ്ഥാന ഊർജസംരക്ഷണ പുരസ്കാരങ്ങൾ പ്രഖ്യാപിച്ചു. ദേശീയ ഊർജസംരക്ഷണ ദിനമായ 14-ന് താലിൻ അയ്യങ്കാളി ഹാളിൽ മുഖ്യമന്ത്രി പണയായി വിജയൻ 2022-ലെ പുരസ്കാരങ്ങൾ വിതരണം ചെയ്തു.

പുരസ്കാരങ്ങൾ ചുവടെ:

വിഭാഗം-വൻകിട ഊർജ ഉപയോക്താക്കൾ: ഒരു ലക്ഷം രൂപ സമ്മാനം, കാർബോറേഷൻ യൂണിവേഴ്സിറ്റി ലിമിറ്റഡ്, ഇലക്ട്രോ മിനറൽ ഡിവിഷൻ, എറണാകുളം പ്രശസ്തിപത്രം-അപ്പോളോ ടയേഴ്സ് ലിമിറ്റഡ്, കളമശ്ശേരി, സെയിന്റ് ഗോബെയിൻ ഇന്ത്യ പ്രൈവറ്റ് ലിമിറ്റഡ്, പാലക്കാട്. ഇടത്തറ: ഊർജ ഉപയോക്താക്കൾ: ഒരു ലക്ഷം രൂപ, ഐ.എൻ.ഇ.എൽ ഇന്ത്യ ലിമിറ്റഡ്, എറണാകുളം പ്രശസ്തിപത്രം-മലബാർ റീജണൽ കോ-ഓപ്പറേറ്റീവ് മിനർ പ്രൊഡ്യൂസേഴ്സ് യൂണിയൻ ലിമിറ്റഡ്, മലപ്പുറം ഡെവൻ, കണ്ണൂർ, മലബാർ റീജണൽ കോ-ഓപ്പറേറ്റീവ് മിനർ പ്രൊഡ്യൂസേഴ്സ് യൂണിയൻ ലിമിറ്റഡ്.

മൊഴുകിട ഊർജ ഉപയോക്താക്കൾ: ഒരു ലക്ഷം രൂപ, റിഹാബിലിറ്റേഷൻ പ്ലാന്റേഷൻ ലിമിറ്റഡ്, കൊല്ലം. കെട്ടിടങ്ങൾ: ഒരു ലക്ഷം രൂപ, കേരള ഡെവലപ്മെന്റ് ആൻഡ് ഇനോവേഷൻ സ്ട്രാറ്റജിക് കൗൺസിൽ, പ്രശസ്തിപത്രം: കൂതൻ പ്ലാസ ഹോട്ടൽ, കൊച്ചി. സംഘടനകൾ, സ്ഥാപനങ്ങൾ: ഒരു ലക്ഷം രൂപ, സേക്രഡ് ഹാർട്ട് കോളേജ്, തേവറ, കൊച്ചി.

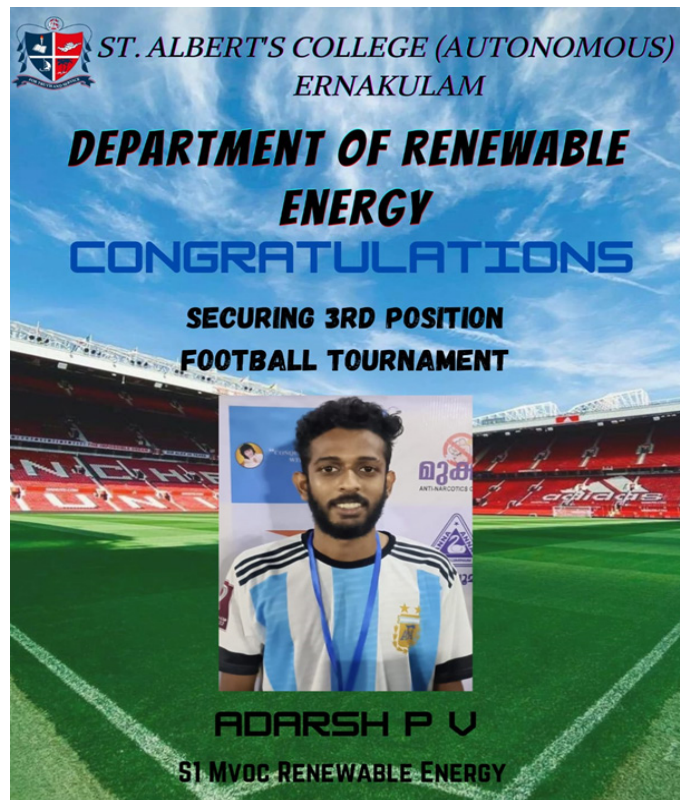
പ്രശസ്തിപത്രം-സെന്റ് ആന്റണീസ് കോളേജ്, എറണാകുളം. ഊർജ കാര്യക്ഷമതയുടെ ഉപകരണങ്ങളുടെ പ്രൊമോട്ടർമാർ: 50000 രൂപ, ചിൽട്രൻ റെഡ് ജോഷൻ പ്രൈവറ്റ് ലിമിറ്റഡ്, എറണാകുളം. ആർ ഓടെക്സ് ആൻഡ് ഗ്രീൻ ബിൽഡിങ് കൺസൾട്ടന്റ്: 50000 രൂപ-എഫ് 5 സയന്സ് ബിൽറ്റി കൺസൾട്ടന്റ്.

Student Achievements

Mr. Arnel Ben Varghese of II B. Voc Renewable Energy participated in the Cochin Carnival marathon along with the staff members of III Kerala Air Squadron on 18 December, 2022.



Mr. Adarsh P V of I M. Voc Renewable Energy Management and his team secured the third position in the Anti-Drug Football League organized by the Mukthi Foundation on 17 December, 2022 as part of the Anti-Narcotics Campaign. The event was held at the Rajiv Gandhi Indoor Stadium turf, Kadavanthra.



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