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EXPRESSIONS

The Albertian Newsletter

St. Albert's College (Autonomous)

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Editorial



Ms. Aparna Ayyappan

Power of Determination

There will always be a way out of every difficulty, a way to the wide-open door of bliss. But until you push firmly, the door will stay shut. Strive hard, and the outcomes will come. No great achiever has ever been able to escape the pain of failure. What we choose to do in our most painful moments is crucial. We ought to be able to stand up and try once more. Either you can return defeated or with renewed vigour. The life-changer is you. No matter what the agony does to alter your course in life. Every suffering, setback, and failure serves to better you. to transform you into a fresh, resilient person. There is value in every encounter.

Even if everyone starts the race at the same time, not everyone makes it to the finish line. You'll hit the goal without a doubt if you play wisely every time. Encourage your perseverance at all times. Consider your options before making a decision to entirely shut down. A decision is always available to you. You will achieve an amazing breakthrough if you continue to knock on the door that leads to your objectives. The universe will loudly say, "Let's help him out," if you have that spirit to rise up from the ashes like a phoenix.

The Department of Botany

Earth Day Celebrations 2022

As part of Earth Day Celebrations 2022, the Department of Botany, St. Albert's College (Autonomous) Ernakulam, the Department of Biosciences, MES College, Marampally and Seed, Mathrubhumi jointly organized a webinar on the focal theme 'The healthier our ecosystems are, the healthier the planet and its people' on 26 April 2022. Dr. Siju M Varghese, Head of the Department of Botany, St. Albert's College (Autonomous), Ernakulam welcomed the gathering and gave a brief introduction of the programme. Ms. Riyamol K R of II MSc. Biochemistry, MES College introduced the speaker, Dr. Pramod C, Assistant Professor, University of Calicut. Dr. Pramod then handled the technical session. He delivered a talk on the importance of ecosystem restoration for sustainable development. The talk was very informative and focused on the need for worldwide consideration and actions on different environmental issues like habitat destruction, over exploitation, pollution, desertification etc. There was an interactive session with the participants where they cleared their doubts.

meet.google.com/cyo-fpck-aab

Coordinators
Dr. Anna Ancy Antony, Assistant Professor, St. Albert's College (Autonomous)
Dr. Rubena K.A., Assistant Professor, MES College Marampally
Student Coordinators: Ms. Riyamol K. R. & Ms. Mary Fabina Mendez

The Department of Mathematics

Inauguration of “Njungalum Krishiyilekku” Campaign

The students of the Department of Mathematics along with the NCC cadets of St. Albert’s College (Autonomous), Ernakulam took part in the inauguration of the “Njungalum Krishiyilekku” campaign, which is an initiative of the Government of Kerala for promoting the culture of cultivating our own food using bio-fertilizers and bio-pesticides. The inaugural ceremony was held at Cheranalloor NSS Hall (Ward No: 17) on 19 April, 2022. Mr. Shimmi Francis, Ward Member and Standing Committee Chairman, inaugurated the campaign. The students expressed their willingness to be volunteers for preparing the farmlands and for promoting bio-farming.



Faculty/Student/Alumni Achievements

Ajai Joseph, former student of the Department of Mathematics (BSc Batch 2017–20) was selected as the outstanding student in MSc Mathematics for the year 2021–22 from National Institute of Technology (NIT), Tiruchirappalli. He also secured the second rank in MSc first and second semesters during 2020–21.





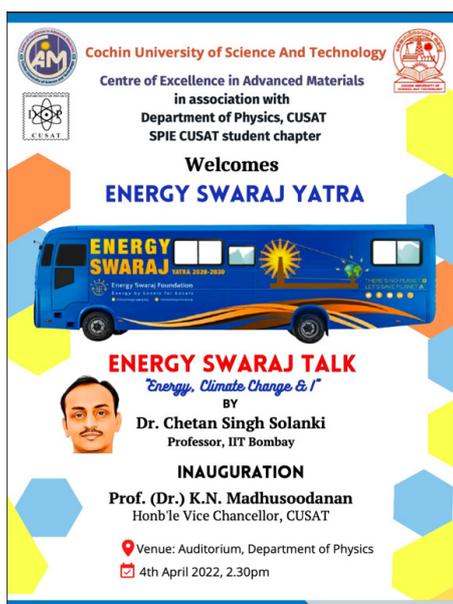
PhD Open Defence and Public Viva Voce of Ms. Divya Mary Daise S and Ms. Deepthi Mary Tresa S, Research Scholars of the Department of Mathematics, St. Albert's College (Autonomous), Ernakulam was held on 21 April, 2022 and 26 April, 2022 respectively via webex. Both were recommended for the award of the degree of PhD in Mathematics.



Dhanya K J, student of I MSc Mathematics secured the third prize in a wrestling competition conducted as part of Kerala Olympics held at Thiruvananthapuram.

The Department of Renewable Energy

Academic Extension Activity – Energy Swaraj



Activity 1:

On the occasion of welcoming the Energy Swaraj Yatra 2020–2030, four students from the Department of Renewable Energy along with Ms. Ashmi T C, Assistant Professor of the Department of Renewable Energy visited CUSAT and attended the Energy Swaraj Talk by Dr. Chetan Singh Solanki, Professor, IIT Bombay on 4 April 2022. The Energy Swaraj Talk on “Energy, Climate Change & I” was organized by the Centre of Excellence in Advanced Materials in association with Department of Physics, CUSAT and SPIE CUSAT Student Chapter. The session was inaugurated by the Hon'ble Vice Chancellor of CUSAT, Prof. (Dr.) K N Madhusoodanan.

Four students of I BVoc Renewable Energy – Aswin Sathyan, Vedang D Naik, Gennaro P V and Devika A U visited the Department of Physics, CUSAT, entered the solar bus and attended the talk by Dr. Chetan Singh Solanki. The talk covered philosophical, technical, economic, social and environmental aspects of energy and climate change along with a demonstration of the Energy Swaraj bus having facilities for working, meeting, sleeping, cooking, washing and training.

Activity 2:

On 5 April 2022, Vedvang D Naik and Gennaro P V – the students who visited CUSAT and attend the energy Swaraj talk – outlined the contents of the talk and Energy Swaraj yatra to their classmates during the interactive session on Energy Swaraj – the academic extension activity organised by the Department of Renewable Energy. The students and teachers of the department actively participated in the interactive session and raised a lot of questions and sought clarification regarding their visit to CUSAT and entry to the Solar bus. Vedang and Gennaro gave satisfactory explanations for all the queries from teachers and students, and also shared the information that they've gained through Energy Swaraj.

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DEPARTMENT OF RENEWABLE ENERGY

Energy Swaraj - Academic Extension Activity

Activity 1: 04/04/2022
Participating in Energy Swaraj Talk by Dr. Chetan Singh Solanki at the Department of Physics, CUSAT.

Activity 2: 05/04/2022
Interactive Session on Energy Swaraj Talk & Energy Swaraj Yatra by I B.Voc RE Students at the Department of Renewable Energy, SACA.

Staff Coordinators: Dr. Jerin Mohan N D, Ms. Ashmi T C
Student Coordinators: Vedang D Naik, Gennaro P V, Devika A U, Aswin Sathyan

Dr. Jerin Mohan N D, Head –in-Charge and Ms. Ashmi T C arranged both activities of Energy Swaraj and also provided necessary requirements for the successful completion of the extension activity.

ASPP – 1

As part of the Albertian Science Popularization Programme (ASPP) on 6 April, 2022 organized by the Albertian Foundation and Office of the Dean, Training and Development, the Department of Renewable Energy arranged a talk on “Renewable Energy: Path to Sustainable Development” at Mellano Hall and also organized demonstrations of “Renewable Energy Training Systems” at the Renewable Energy Lab.

High school students from Kothad HSS reached the college around 1 pm on 6 April 2022. After receiving the students and teachers of Kothad HSS at the Mellano hall and dividing them into 4 batches containing around 20 members each, the visit to the labs started. The first batch arrived at the renewable energy lab at 2.00pm along with the student volunteers. Ms. Anna Thomas & Ms. Aswani B, Assistant Professors of the department explained the various non-conventional energy sources and demonstrated the ‘Ecosense solar thermal training system’ and ‘Ecosense Wind energy training system.’

After the lab visit everyone assembled at the Mellano hall at 4.30 pm for the talks and concluding session. Ms. Ashmi T C was the orator for the talk on ‘Renewable Energy: Path to Sustainable Development.’ Ms. Vijayalakshmi C G, Assistant Professor of the Department of Renewable Energy successfully coordinated the departmental activities for ASPP – I.



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ALBERTIAN FOUNDATION / OFFICE OF THE DEAN, TRAINING & DEVELOPMENT

DEPARTMENT OF RENEWABLE ENERGY
Albertian Science Popularisation Programme (ASPP)

06 APRIL 2022

- Talk on 'Renewable Energy : Path to Sustainable Development'
Venue : Mellano Hall.
- Demonstration of 'Renewable Energy Training Systems'
Venue : Renewable Energy Lab.

ORGANIZING COMMITTEE
Dr. Jerin Mohan N D, Head-in-Charge
Ms. Vijayalakshmi C G, Coordinator
Ms. Ashmi T C, Orator
Ms. Anna Thomas, Lab-in-Charge
Ms. Aswani B, Lab-in-Charge
Ms. Anju A, Member
Mr. Alex Jose, Member
Ms. M Aruny Nandinikkutty, Member

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STUDENT COORDINATORS
Arnel Ben Varghese
Aswin Sathyan
Harinadh K S
Vedang D Naik



ASPP – 2



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ALBERTIAN FOUNDATION / OFFICE OF THE DEAN, TRAINING & DEVELOPMENT

DEPARTMENT OF RENEWABLE ENERGY
Albertian Science Popularisation Programme (ASPP)

20 APRIL 2022

- Hand on Training with 'Renewable Energy Training Systems'
Venue : Renewable Energy Lab.

ORGANIZING COMMITTEE
Dr. Jerin Mohan N D, Head-in-Charge
Ms. Vijayalakshmi C G, Coordinator
Ms. Ashmi T C, Member
Ms. Anna Thomas, Member
Ms. Aswani B, Lab-in-Charge
Ms. Anju A, Member
Mr. Alex Jose, Member
Ms. M Aruny Nandinikkutty, Member

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STUDENT COORDINATORS
Arnel Ben Varghese
Aswin Sathyan
Harinadh K S
Vedang D Naik

As part of the Albertian Science Popularization Programme (ASPP) on 20 April 2022 organized by the Albertian Foundation and Office of the Dean, Training and Development, the Department of Renewable Energy arranged demonstrations of “Renewable Energy Training Systems” and hands on training with the systems and equipment at the Renewable Energy Lab.

Higher Secondary school students from Vallarpadam HSS reached the college at 9.30 am on 20 April 2022. After receiving the students and teachers of the school and dividing them into 2 batches containing around 20 members each, the visit to the labs started.

The first batch arrived at the renewable energy lab at 11.00am along with the student volunteers. Ms. Aswani B and Ms. Vijayalakshmi C G, Assistant Professors of the department explained the various non-conventional energy sources and demonstrated the

thermal training system’, ‘Ecosense Wind energy training system’ and ‘Ecosense Solar PV training system’ and also instructed and guided the students to work with the systems and various equipment in the lab so that they could understand the pressure, temperature variations in the systems, current –voltage variations, irradiance, tilt angle measurement etc.

Both the batch visited renewable energy lab and had necessary training sessions before 12.30pm on 20 April 2022. Ms. Vijayalakshmi C G, Assistant Professor of the Department of Renewable Energy successfully coordinated the departmental activities for ASPP – II.

