



VOL. 2, NO. 4, Oct-Dec, 2012

ECO-CLUB

ALIGARH MUSLIM UNIVERSITY

Newsletter

For Members only

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(Retd.)

Vice-Chancellor

PRESIDENT

Dr. Fareed Ahmad Khan

*Associate Professor in
Botany(Ecology)*

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Arif Md Yeasin Jwadder

B.A.,LL.B 4th year

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Teacher, S. S. School (Boys)

Mr. Ayub Shahab

Teacher, S. S. School (Boys)

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Editorial

The Aligarh Muslim University Campus is full of greenery. A variety of avenue trees enhance beauty of the campus and support variety of arboreal fauna especially birds. Majority of the trees are deciduous and defoliate between November and December every year. In the entire campus tons of dropped leaves are disposed off by conservancy. The dried leaves are good source of energy and compost. Only a small amount is used for composting and rest is disposed off. The leaf molds of Neem applied to plants increase water holding capacity of soil and control several plant diseases in addition to nutrition. The University may make a greater use of the leaves defoliated in bulk during this period. This natural recycling process may help in maintaining the soil fertility and plant productivity in equilibrium. The partial defoliation of some evergreen plants occurs in 2-3 flushes/ cycles in a year and the management of composting is easy. But, addition of cow dung and earth worms will make the leaf molds more useful.

One more campaign of paper conservation needs to be out among the students. The paper conservation directly conserves the trees. We must remember that excessive use and misuse of paper amounts to over exploitation of the natural resource. The recycling of paper/ newspapers must be encouraged.

Dr. Fareed Ahmad Khan

Recent Activities

ECO-CLUB HAS BEEN CO-OPTED BY THE UNIVERSITY

On 10 October, 2012 the Eco-Club was Co-opted by the Aligarh Muslim University vide-LD.No. (C)/4097.

The office memo reads as follows:

The Vice-Chancellor while considering the proposal submitted by the President and the Secretary, of the club has approved on behalf of the Executive Council, under Section 19(3) of AMU (Amendment) Act, 1981, as under:-

- (a) *The Eco-Club is coopted by the University with its office at the premises of the Aligarh Fort.*
- (b) *Sanctioned a one-time grant of a sum of Rs 10,000/- from the budgeted head of accounts "Clubs" which will be used as corpus for the club.*
- (c) *The said club will not be a financial liability of the University. It will manage its affairs from its own resources.*
- (d) *President of the Club will formulate a charter for the club and will submit a copy of the same to the Registrar.*

A LECTURE ON SUSTAINABLE ENERGY HELD

2012 has been declared as the year of 'Sustainable Energy for All' by the United Nations. The Eco Club of Aligarh Muslim University carrying forward its mission of creating awareness about the Environmental aspects, organized an extensive lecture programme on "Sustainable Energy for all- economic, technological and ecosystem perspective", on 27 November, 2012. Prof. M. Anis delivered the Presidential Address outlining the need of sustainable energy. Prof.

Abdul Wahab, Chairman, Department of Economics stressed on Sustainable Energy taking into accounts the inventions and growth. He also analyzed the different kinds of Sustainable Energies from the economic angle describing that traditional sources of energy are bit costly. "Hydroelectricity is relatively clean but not green", was the concluding remark of his talk. The second speaker: Dr. Afifullah Khan, Department of Wildlife Sciences in his talk focused upon the eco-system perspective of Sustainable Energy. Dr. Khan vividly articulated on the human needs and the energy primarily used to satisfy such needs with Oil Energy on the apex. Dr Khan was of the view that the emissions from fossil fuels have wildly affected the biodiversity and lead to climate change. The third speaker of the day: Dr. I H Farooqui, Civil Engineering presented a comparison of energy needs during last few decades. Nuclear Energy, according to him, was not as safe and fruitful as it is perceived to be, for it generates hazardous nuclear wastes which are difficult to be safely disposed off. In his introductory remarks, Dr Fareed Ahmad Khan, President of the Club highlighted the achievements of the club and its future plans. Mr. Arif Md Yeasin Jwadder, Secretary presented the formal vote of thanks.

CONVENTION ON BIOLOGICAL DIVERSITY: COP 11

The eleventh meeting of the Conference of the Parties (COP 11) to the Convention on Biological Diversity (CBD) was held at Hyderabad India from 8th October, 2012 to 19th October, 2012. Representatives from over 170 countries deliberated in Hyderabad, India, on the way forward to protect the planet's biodiversity. At the meeting, the Government of

India assumed the Presidency of COP 11. During their term, which runs from 2012 until 2014, the government of India will preside over the implementation of the work of the Convention, including the Strategic Plan for Biodiversity and its Aichi Biodiversity Targets.

Ms Jayanthi Natarajan, Minister of Environment and Forests, Government of India and COP 11 President, said that: "The present global economic crisis should not deter us, but on the contrary encourage us to invest more towards amelioration of the natural capital for ensuring uninterrupted ecosystem services, on which all life on Earth depends. Let us all be inspired by what Mahatma Gandhi said: *'The difference between what we do and what we are capable of doing would suffice to solve most of the world's problems'*. So let us commit ourselves to what we are capable of doing."

In his opening remarks, Braulio Ferreira de Souza Dias, the Executive Secretary to the Convention on Biological Diversity said: "I urge you, in Hyderabad, to mobilize the financial resources needed to enable developing countries to achieve the Aichi Targets at national level."

INDIA, CHINA TEAM UP WITH DEVELOPING NATIONS AT CLIMATE TALKS.

In what could change the contours of climate change negotiations, India and China have successfully brought together a disparate group of developing countries to take on the EU and its new-found friends — small and least developed countries. The developing countries fought back to ensure that all future decisions, whether for the pre-2020 period or post-2020 era, are taken under the existing convention's principles which maintain the firewall between rich and poor countries.

(The Times of India, 23 October 2012)

CLIMATE CHANGE POSES THREAT TO INDIAN FARMERS.

A new synthesis report about the challenges posed by climate change in India has found that changes in temperature and rainfall will have a serious effect on already fragile farming communities. The report is part of a joint project by the UK's Department of Energy and Climate Change (DECC) and the Indian Ministry of Environment and Forests to better understand the potential impacts of climate change in India. The research focused on the regions Orissa and Madhya Pradesh which are particularly vulnerable to climate change. It looked at national level socio-economic impacts of climate change on extreme weather events, water resources and agriculture. In the highly vulnerable state of Orissa, it focuses on cyclones and flooding. In Madhya Pradesh it focuses on the interaction between water resources and agriculture.

(Institute of Development Studies, 19 October 2012)

SOLAR RADIATION: FUTURE ENERGY

A report released by the Council on Energy, Environment and Water (CEEW), in collaboration with the U.S. based Natural Resources Defence Council (NRDC), and has shown that concentrated solar power could play an essential role in achieving a secure and diversified energy future for India, especially to deal with the issues of energy blackouts. The report entitled "Concentrated Solar Power: Heating up India's Solar Thermal

Market under the National Solar Mission" states that India has started its solar energy industry in just over two years. Seven large-scale concentrated solar power (CSP) projects are now underway in India.

(The Hindu, 19 October 2012)

KALAM URGES SETTING UP A NATIONAL ENERGY COMMISSION

Stressing on the importance of country's energy security, former President APJ Abdul Kalam suggested setting up of a National Energy Commission. The Commission, according to Kalam, would help in co-ordinating efforts to meet the rising energy needs of the country's growing population. Speaking at the conference on India's Energy Future organised by the Economist magazine, Kalam said highest priority should be given to energy efficiency.

(Hindustan Times, 17 October, 2012)

INDO- SWISS COLLABORATION IN ENERGY SECTOR

India and Switzerland have agreed to explore avenues to increase cooperation in the field of renewable energy with the European country appearing keen to invest in the sector. In an hour long meeting between Swiss Head of Federal Department of Environment, Transport, Energy and Communication Doris Leuthard and New and Renewable Energy Minister Farooq Abdullah, the two sides agreed to assist each other in meeting their renewable energy requirements.

(The Economic Times, 19 October, 2012)

CLIMATE CHANGE MAY ALTER INDIAN MONSOONS

The Indian monsoon is likely to fail more often in the next 200 years threatening food supplies, a study has predicted. India's monsoon, which lasts from June to September, is vital for India's 1.2 billion people to grow crops such as rice, wheat and corn. India last faced a severe widespread drought in 2009 and had to import sugar, pushing global prices to 30-year highs.

(The Chicago Tribune, 05 November 2012)

INDIA INVITES INVESTMENT FROM ASEAN IN RENEWABLE ENERGY SECTOR

Aiming to scale up production of renewable energy in the country, India has invited investors from ASEAN countries to invest in the sector.

"India is encouraging foreign investors to set up renewable power projects on 'build own operate' basis with 100 per cent foreign direct investment and the country invited the investors from the ASEAN member countries to invest in renewable energy sector," New and Renewable Energy Secretary Mr. Gireesh Pradhan said. Inaugurating a two-day 'ASEAN-India Workshop on Cooperation in Renewable Energy', he also said that renewable power with over 26,000 MW installed capacity represents about 12.5 per cent of the total installed power generation capacity in India and the aim is to achieve about 55,000 MW of renewable power by 2017.

(The Economic Times, 05 November 2012)

Office of the Registrar
(Councils' Section)
Aligarh Muslim University
Aligarh

Dated: Oct. 10, 2012

OFFICE MEMO

With the view of enhancing awareness of biodiversity conservation, negotiating local environmental issues and creating a "clean and green consciousness" among the campus community through various innovative methods an Eco-club, A.M.U. was formed on 29.9.2011.

The Eco-club consisting of AMU students and staff has been established with the objective of heightening the environmental awareness of the campus community. In addition, this club will work to improve environmental health (defined as ecological sustainability and well being as well as the associated social impacts) on campus, local, regional and national as well as international levels and also to cooperate, collaborate and maintain correspondence with other organization with common or similar interest.

The Vice-Chancellor while considering the proposal submitted by the President and Secretary, of the above mentioned Eco-club has approved on behalf of the Executive Council, under Section 19 (3) of AMU(Amendment) Act, 1981, as under:-

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(Shahrukh Shamsad)
Group Captain (Retd.)
Registrar

P.T.O.

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LD.No. (CV) 4097

Dated: Oct. 10, 2012

Copy to the following for information and necessary action to:-

1. Deans of the Faculties/Dean, Students' Welfare
2. Chairmen of the Departments of Studies/Heads of the Offices
3. All Provosts of Halls & NRSC
4. Principal of Colleges/Polytechnics/Schools
5. Directors/Coordinators of Institutes/Centres/Unit/Academic Staff College
6. Deputy Registrars/Deputy Finance Officers/Deputy Controllers
7. Public Relations Officer
8. Dr. Fareed Ahmad Khan, President, Eco Club & Associate Professor, Department of Botany, A.M.U., Aligarh
9. Asstt. Registrars/Asstt. Finance Officers/Asstt. Contrallars
10. Asstt. Registrar, Vice-Chancellor Secretariat/PVC Office
11. P.S. to Registrar/Finance Officer/Controller of Exams.
12. Mr. Arif Yasin Jwadder, Secretary, Eco-Club, B.A., LL.B-4th Year, Department of Law, A.M.U., Aligarh
13. Section Officer (Records), Registrar's Office
14. Mr. Waseem-II (Councils' Section)

Registrar

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Shah Muneeb Raza

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