

ABAN Newsletter: Year 23, Volume ECM 12, Issue No. 10, July - August 2022

Talk Program: August 22, 2022

Dr. Jagan Nath Shrestha on Alternative Energy
Can Trade Deficit of Nepal be Reduced by Enabling
Electricity Consumption?



Nepal's trade deficit during FY 2078/79 has reached Rs.1,72 trillion, 23% up from Rs.1.4 trillion the previous year. About a quarter of Nepal's budget is spent on importing food stuff mainly from India.

The Main Issues are:

- **Chemical Fertilizer Plant** requires Ammonia plant using atmospheric air, Hydrocarbons and Water, which are available in Nepal. 53 cement factories in Nepal produce 8.5 million tons of cement/year or 10.6 million tons of CO₂e emission needed to produce urea. Nepal imports \$130 million worth of Urea.

The concept of fertilizer plan in Nepal to increase crop yield was initiated in 1966, but has not taken off the ground yet.

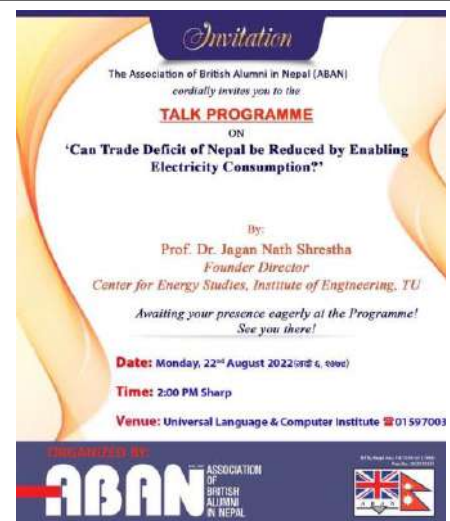
- **E Cooking to replace LPG**
Nepal imports 504,000 metric tons of LPG for cooking (100,000 cylinders per day) and the government subsidize Rs.3 arba per month. Electric Induction cooking is found to be the most cost effective method.
- **CNG from biodegradable waste**
- Rooftop Solar PV System

Way Forward

- R&D related to production of GREEN Urea be funded for a PILOT Project,
- Generate Green Energy and help reduce trade deficit,
- Let us all invest in solar electricity,
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Association of British Alumni in Nepal (ABAN) is a not-for-profit social organization, registered with District Administration office on February 04, 1998 and is affiliated with the British Council. It promoted the interest of the British alumni in Nepal and supports them to contribute to national development. ABAN also works for cultural and educational exchange between Nepal and Britain.



Introducing Dr. J.N Shrestha

Dr. Jagan Nath Shrestha is a visiting Professor and Founder Director of the Center for Energy Studies, Institute of Engineering, Tribhuvan University, where he worked from 1972 to 2012. He is an Academician at Nepal Academy of Science and Technology, Nepal. He is the current President of Nepal Solar Energy Society and coordinator of Technical Sub-Committee on Electronics and Renewable Energy, National Skill Testing Board, Council for Technical Education and Vocational Training, Government of Nepal. He received M. Sc. (Engineering) from Moscow Telecom Institute in 1972, M. A. (Educational Technology) from Hull University, U.K. in 1986 and Ph.D. (Physics/Solar Energy) from LNM University, India in 2006. He has published 4 books/manuals on Renewable Energy Technology, and published 50 papers on Renewable Energy, biodegradable wastes, telecommunications and engineering education, supervised three Ph. D. students and about 50 Masters Level students. His current research includes application of modern energy sources and energy generation from bio-degradable wastes for socio-economic development in rural areas of Nepal.

Talk Program on Alternative Energy

- All sunny roof tops be used in urban areas!
- Demonstration of solar PV applications with mobile van at primary, secondary and tertiary level educational institutions.
-
- Blending RE sources with Social Sciences taught in all Universities of Nepal.

The presentation followed a number of pertinent queries on the topic, which Dr. Shrestha expertly replied.

General Secretary Ms. Shiba Devi Kafle presented a vote of thanks to the speaker of the day for the most eloquent presentation on the most pertinent topic for the benefit of all. She wished him success in his endeavor to reduce wide trade deficit through the increased consumption of electricity and other alternative energy sources. The concept presented could perhaps be implemented at local level more effectively than at national level where different interest groups at play.



Just before the talk program started, Mr. Benjamin Prasad Pant, son of Dr. Mahesh Pant, enlivened the gathering by playing German, British and Nepali instrumental music on violine, including the popular Nepali song: *Resham Firiri*.



ABAN President Mr. Uttam Pant summarized the take home messages of the presentation and suggested that new generation of professionals could take best use of the concept. He thanked the speaker for such an eloquent presentation on such an important national issue.

On a query about the status of Nepali students abroad, Mr. Pant said that a study on the status of Nepalese students in the UK could be initiated and suggested if a link could be developed to mobilize their expertise for the overall development of Nepal, which is one of the stated objectives of this Association. He said ABAN will initiate debate on such national issues time and again and seek ways of using expertise gained in the UK for the development of Nepal.



Nepal

Social Action Project for Learning and Preserving the Local Cultural Heritage



An Expedition to Tharu Community's Cultural Anonymity
© British Council

British Council Nepal initiates Social Action Projects in schools to encourage students to work closely with their community members and local organisation to create awareness about social responsibility and show effective action. This student-led initiative focuses on tackling issues relevant to local communities while helping students develop leadership and team-building skills. This year, Gurukul Academy from Dhangadhi, Kailalai, Nepal with training and funding support from the British Council, planned the 'An Expedition to Tharu Community's Cultural Anonymity' as part of their Social Action Project.

The project aimed to make a field-based interactive learning platform between the students and the local Tharu community and make that community realise the importance of their cultural values and their contribution toward cultural heritage preservation. It also aimed at arising a sense of social and cultural responsibility amongst the students.

Nepal and UK sign deal to recruit Nepali nurses in the UK healthcare sector

Nepal and the United Kingdom signed a bilateral agreement on health partnership on Monday August 22, opening the door for Nepali nurses to work in the UK. Under the arrangement, Nepali citizens aged between 20 and 45 years are eligible to apply for the high paying nursing job. The annual pay for registered nurses ranges from Rs 4 million to Rs 4.8 million. The UK will gradually recruit health professionals other than nurses in the near future.

UK is facing severe healthcare worker shortages, as more than 43,000 nursing posts were unfilled in the first half of 2019-20. The National Health Service faces an overall shortage of healthcare workers across streams by a massive 100,000. The UK eased the requirement criteria for hiring nurses from foreign countries to increase their recruitment amid an acute shortage of health professionals. Nepali citizens will receive the same rights, privileges, protection and dignity as health professionals from the UK, as per the agreement.

Nepal and UK sign deal to recruit Nepali nurses in the UK healthcare sector



Mr. Eknarayan Aryal, secretary at the Ministry of Labour, Employment and Social Security (right) government of Nepal, and Nicola Pollitt, British envoy to Nepal, after signing an MoU, in Kathmandu on Monday Aug. 22, 2022



WHO Can Join ABAN?

Person having studied in the UK for 12 weeks or more is eligible for membership of ABAN by application together with educational certificate, ID photo and fee. It is never too late to be part of this growing organization.

New Life Members

Joining ABAN from January 2021

1. Ms. Sunita Basnet (ID 541) on Jan 24, 2021
2. Dr. Sudha Shrestha (ID 86) on Jan.24, 2021
3. Mr. Satyendra Khadgi (ID 542) on Feb. 2021
4. Mr. Lusan Nakarmi (ID 543) on March 5, 2021
5. Dr. Ramesh Khadka (ID 544) on March 7, 2022
6. Mr. Dasarath Moktan (ID 545) on March 26, 2022
7. Mr. Purushottam P. Khatiwada (ID 546)
8. Mr. Prem Sambyu (ID 547) on March 26, 2022
9. Mr. Purna Bahadur Chemjong (ID 548)
10. Mr. Prem Raj Neupane (ID 549)
11. Mr. Kul Chandra Dahal (ID550) March 26, 2022
12. Dr. Sita Ram Basnet (ID 551) on March 26, 2022
13. Mr. Prem Kumar Ale (ID 552) on March 26, 2022
14. Mr. Ashok Shahi (ID 553) on March 26, 2022
15. Mr. Babu Ram Gurung (ID 554) March 26, 2022
16. Mr. Navin Hada (ID 555) on March 26, 2022.

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ABAN Activity Report 2021-2022

Month of 2021	Activity Details
January 02	23 rd Annual General Meeting and Election of 12 th Executive Committee
January 08	1 st Introductory Executive Committee Meeting
January 16	2 nd Executive Committee Meeting for Sub Committee formation
January 24	3 rd Executive Committee Meeting for ABAN Day Preparation
February 04	ABAN Day Celebration
February 13	4 th Executive Committee Meeting to prepare for meeting with British Council
February 17	Online meeting with the British Council Country Director Ms. Shahida
March 05	5 th Executive Committee Meeting of ABAN
March 17	6 th Executive Committee Meeting of ABAN
March 25	7 th Executive Committee Meeting of ABAN
March 27	Family Picnic at Shivapuri National Park (Postponed due to Covid-19)
April 02	Talk program on Science & Technology by Prof. Dr. Jiba Raj Pokhrel
April 17	8 th Executive Committee Meeting. Condolence message to British Embassy
May 17	9 th Executive Committee Meeting
June 16	10 th Executive Committee Meeting
June 20	Talk program on Enhancing Emotional Health And Spiritual Wellbeing
June 22 – 28	7 Days Yoga & Wellness Program by Er. Karuna Amatya of Jeevan Vigyan
June 26	Talk program by Dr. Dipak Malla on Diabetics
July 06	Health Camp & Yoga Review on YouTube
August 14	Medical support to Children Care Club, Budhanilkantha, Kathmandu
October 08	12 th ECM Meet: Exchange of Dassian Greetings
Nov. 08	13 th ECM: Preparatory for BC Meet
Nov. 11	Meeting with British Council Country Director
December 22	14 th ECM AGM preparations
January 09	15 th ECM for AGM preparations
Feb. 27, 2022	16 th ECM for AGM preparations
March 26	24 th Annual General Meeting and Family Picnic
April 15	Guest Dr. Mahesh Pant talk on Learning to Live Sustainably
May 22	UK Education fair postponed to October 2022
June 08	The British Council Annual IELTS Partner Recognition Event
July 18	17 th Executive Committee Meeting
August 22	Talk program by Dr. Jagan Nath Shrestha on Alternative Energy