

On March 29, 2022 MR. Muzafer Azadi, Vice President of Indian Social Science Congress presented a paper on behalf of Dr. S.G.Vombatkere on the title “ The Entropic ‘Dance’ of Mass and Energy. In this he explained about the Mother Earth and it contains numerous micro and macro-organisms, different kinds of energies.. He narrated his ideologies and explained about Artificial Intelligence, and said that Artificial Intelligence is indulged in Biological systems. He further spoke about Money and he said money represents Mass and Energy in Modern times. Money not only determines the individuals wealth and society’s wealth , it also determines the country’s Economy by its Mass and Energy because the amount of money generates is embodied in forms of all goods and energies. He further added that physical, social structure and systems has its own tendency to grow , mature and decline with the progression of time. He concluded by thanking for the opportunity.

Followed by him, Dr. Gufran Baig, Expert in Air Quality, Founder and Project Director of SAFAR (Safer Air Health Alert System). He is a Researcher of social sciences and works for people’s welfare in UP and presented about 212 Scientific papers and gave 300 invited talks all over India. He delivered his talk about “ Physics of Air Quality and Climate Change” on online mode.

In his talk, he gave valuable information’s about what is in Air- He said Air is the mixture of invisible gases, particles and water(nitrogen-78%, Oxygen- 21%, remaining- 1 %, remaining particles contains Argon, Water vapour, carbon dioxide, pollutants, and others). He gave insights on the future life on Earth, Health, Clean environment, Food, Water and Energy comparing to the past world. He said about the Fundamental Rights such as Breathing is a Citizen Right, on average and adult breathes 3000 gallons of air everyday. And Basic Necessities of life are Food, Water and Air in which on average an adult consumes 1-2kgs per day of food, 2-3 liters of water per day and 14000 ltrs per day of air. He further added that air contains deadly air pollutants as well (PM10 AND PM 2.5).He continued saying about the Science of air pollution build up and it contains Local Emissions, Nature(weather, dust, storm), External intrusion and meteorology (landlock). He spoke about few of the things that we people don’t care much such as Location specific dust, Extreme weather Early warnings and Dirt on the filters. He explained about the SAFAR objectives, the objective mainly includes Developing seamless Air Quality early warning system for Indian Meteors.

He was the founder of the Air Quality Index (AQI), and he outlined about Air Quality Index and Dissemination tools. He briefed on the Scientific Basis of COVID-19 and provided a theoretical basis to connect Air Pollution to individual’s positive affect and wellbeing. he said that the real karma as Plastic Pandemic Disposal (PPE kits etc), he said the plastic pandemic is getting worse due to COVID 19 pandemic. He concluded by saying about “School Flag Awareness Program on Air Quality” which conducts outreach programs for school students which create awareness on the Quality of Air.

Dr.Rajindra Chaudhary “Conventional Farming Adversely Impacts Environment, Energy And Health: Self – Reliant Organic Farming Contributes To Protection Of All” in his study, he explained about farming related to conventional and Self-Reliant farming. He mainly concentrates on Yield centric. Haryana is a core area of green revolution. Many pioneers’ views like Green Revolution exploit agriculture. The alternative method of Green Revolution is Organic Agriculture. The Organic agriculture has many advantages as well as disadvantages. Particularly, it gives decentralised development. Organic systems decreased use of fossil fuel related input by 10-70 percent in Europe and 29-39 percent in USA. It creates more rural development. Report by ICAR, increase in water holding capacity shift to organic farming and 20 percent emission decreased. He also talked about

the nutritional composition. He compared the nutritional composition from olden period to recent period. He found that the good nutritional composition decline due the usage of chemicals. ICAR showed the benefit of organic farming through the weight of grains. The difference of weight between the organic farming and chemical used farming showed the weight of organic farming grains 5% heavier than the chemical farming. Organic Agriculture has huge environmental, health and social benefits. In the year 2020 survey, there were 283 Organic farmers in Haryana. The wheat was produced 46 quintal per hectare. Some farmers said that one animal is enough for 8acres farming. In India 2001, The Agricultural Policy said that 50:50 importance gives to organic farming and chemical used farming. There is no further improvement in this policy up to now. That requires wholesale change in development paradigm.

Prof.Kaliraj "Future of Science, Technology and Innovation" in his study, he talked about the sustainable development. He explained the history of industrial revolution and also industry 4.0. It includes intelligent information society, digital transformation and globalisation. Mr.Panwarilal profit introduced 20-30 innovating the education in the era of 4.0. He noted nearly 52-59 percent of health coverage in India. Australia got more than 80 percentage of health coverage. Triple Billion Target of WHO in health was introduced. He explained various social inequalities and also digital technology in jobs. The disrupted reforms required on global higher education. In schooling, we need to include 20%-30% industry curriculum. We have to direct the student to focus on self project. In patents, there were a less number of patents granted but only few of them transferred. Various test kit, like Filarial Antibody test kit available in India and also several types of vaccination. In traditional vaccination development took 10-15 years. But now, for example Covid-19 vaccination took only 12-14 months. It is called Accelerated Vaccination. His recommendations are Innovative curriculum introduce in education, work with other universities to combine international and local students, innovative treatment strategy use in health sector and traditional education move to technology platform.