Udbhav Kendra and Institute Innovation Council jointly organising webinar series Udbhaavam lecture series. Dr Sarvesh Kumar introduced the speaker, Dr Chandra Shekhar Malvim who is working as a Professor in the Mechanical Engineering Department, Madhav Institute of Technology & Science, Gwalior. He obtained his PhD (2012) from University of Leeds, UK and is an expert in Solar Energy related Innovations. Prof Chandrasekhar spoke on the topic “Innovations in Solar Energy” on 06-04-2022 from 10:30 to 11:30 am.

Prof Chandrashekhar gave detailed description on solar cell panels, solar electric panels, photo-voltaic cells, mounted in a framework for installation. Solar panels use sunlight as a source of energy to generate current/electricity and have great potential for incubation opportunities. Since this segment is non pollutant and typically its source of energy is abundantly available. It’s increasing popularity is creating a huge opportunities for entrepreneurs to start business based on solar energy. About 5,000 trillion kWh per year of solar energy is incident over India’s land area with most parts receiving 4-7 kWh per Sq. m per day. Hence, both technology routes for the conversion of solar radiation into heat and electricity, namely, solar thermal and solar photovoltaics, can effectively be harnessed while providing huge scalability for solar power in India. Therefore, starting a solar business is a lucrative opportunity for entrepreneurs.

CUHP and IIC , Incubation cell can harness this potential as scientific innovation as well as business innovation. Prof. Deepak Pant thanked the speaker and all the participants