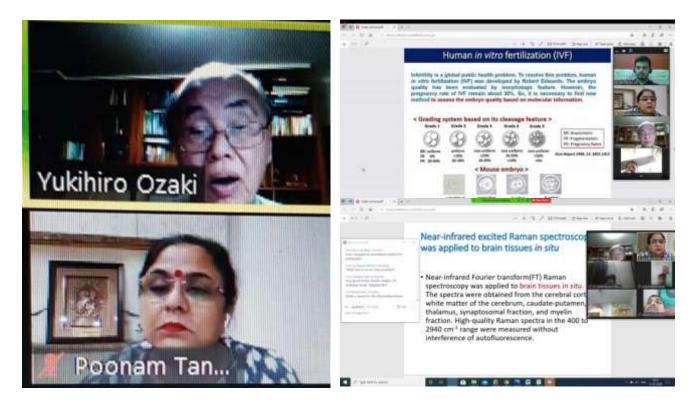
Report on Webinar on Biomedical Applications of Raman Spectroscopy (11 May, 2020)

University of Lucknow, on the occasion of National Technology Day-2020 on Monday organized a webinar on "Biomedical applications of Raman spectroscopy" where an interesting and informative lecture from Prof. Yukihiro Ozaki, Kwansei Gakuin University (Japan). He talked about the role of Raman spectroscopy in medical field. More than 223 researchers from Poland, Malaysia, South Korea, Hungary, Japan, Taiwan, Nepal and different parts of India enthusiastically participated in this webinar.



Prof. Poonam Tandon, Head of Physics department, University of Lucknow initiated the event. Prof. Yukihiro Ozaki from Kwansei Gakuin University, Japan, is a very renowned and well decorated scientist. He is a rare scientist who has been involved in both electronic and vibrational spectroscopy. He has also received many prestigious awards from various institutions of India as well as from several other countries.

Prof. Ozaki has talked about the stories and discovery of Raman Effect and C.V. Raman. He enlightened the event with the application of Raman spectroscopy to biomedical science. He has investigated lens aging and cataract formation by Raman spectroscopy. He talked more about the diagnosis of cancer tissues in its early stage through molecular information non-invasively and how it depends on morphology, protein detection, monitoring of cancer in live mouse models. He ended the session with the future aspects of Raman spectroscopy.

Webinars mark National Technology Day

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National Technology Day was celebrated in the city as institutes organised webina-rs with well-known scientists Lucknow University organised a webinar on 'Biomedical Applications of Raman Spectroscopy' with an interest-ing and informative lecture by Prof Yukihiro Ozaki from Kwansei Gakuin University (Japan). The webinar witnessed the participation of over 500 participants. Ozaki talked about the role of Raman Spectroscopy in medical field

ries and discovery of Raman Effect. He talked about the application of Raman Spectroscopy to biomedical sci-ence. He has investigated lens aging and cataract formation by aging and cutaract formation by Raman Spectroscopy. He also talked about the diagnosis of cancer tissues in early stage through molecular informa-tion non-invasively and how it depends on morphology, pro-tein detection, monitoring of cancer in live mouse models. More than 500 researchers from Poland, Malaysia, South Korea, Hungary, Japan, Taiwan, Nepal nedical field. and different parts of India par-Ozaki talked about the sto-

Meanwhile. Central Institute of Medicinal and Aromatic Plants (CIMAP) cel-ebrated National Technology Day through Facebook live. The National Technology Day lecture was delivered by Prof Anil K Gupta. Director Prabodh K Trivedi spoke about CIMAP technologies and progress on the initiatives of the institute related to rural development post Covid-19 pan-demic. Gupta delivered a lec-ture on 'Leveraging people's knowledge and entrepreneurial potential for transforming postpandemic rural India. He said that the unprece-of Toxicology Research cele-

dented urban to rural migration has unfolded new possibilities for setting up decentralised micro and small enterprises to generate jobs, use local resources and associated knowledge effectively and trig ger a horizontal market devel opment (rural to rural) in addi-tion to vertical (rural to urban) supply chains. He also discussed innova

tive mechanisms to make the next phase of aroma mission more entrepreneurial, net-worked, and inter-institutional in nature.

brated National Technol Day through their social net-working platform. A lecture was delivered by Prof Thalappil Pradeep from IIT-Madras, a pioneer in the area of molecu-lar materials and surfaces. He spoke on 'Innovations in acad-emic institutions during and after the pandemic. He said looking at pandemics in the past, science and technology has always provided the solu-tion. He said that the world needs sustainable solutions such as sustainable livelihood, food new packaging material and self-contained homes with more focus on health".

मॉलिक्यूल के जरिए फर्स्ट स्टेज में कैंसर 'मोतियाबिंद से लेंस में बदलाव की जांच संभव के सेल्स का निदान सम्भवः प्रो. युकीहिरो आईआईटीआर में मनाया गया टेक्नॉलज नैशनल प्रौद्योगिकी दिवस सीरमआईआर-आईमाईटीआर में



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लखनऊ। राष्ट्रीय विज्ञान दिवस पर सोमवार को लखनऊ विवि में 'रमन स्पेक्टोस्कोपी के आयोमेडिकल एप्लिशन' पर वेबिनार आयोजित की गई, जिसमें कावेसी गर्कुइन विश्वविद्यालय (जापान) के प्रो. युकौहिरो ओजाकी ने विषय पर चर्चा को। बताय कि रमन स्पेक्टोस्कोपी द्वारा उम्र बढने और मोतियाबिंद के कारण अंख के लेंस में होने वाले परिवर्तनों की जांच को जा सकती है।

पर हुए इंटरनैशनल वेबिनार में बोले विशेषज्ञ

वेबिनार में विभिन्न देशों के 225 से अधिक शोधकर्ताओं ने लिया हिरना

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और लिकिएमा क्षेत्र में इसकी जीमका के करे रमेक्ट्रेस्कोने से तब बहने और सेतिवर्षिट में बताब। देविना में पेलीट, मानवंतिल के कारण अंख के लेस में होने वाले. दक्षिण कोरिया, इंगरी, जायन, लड़वन बहलाइ की जांच की सकले हैं। उन्होंने जियल और चाल के विकिल्न हिंस्सी के

YouTube Link

https://youtu.be/aRTLaKPpkOs