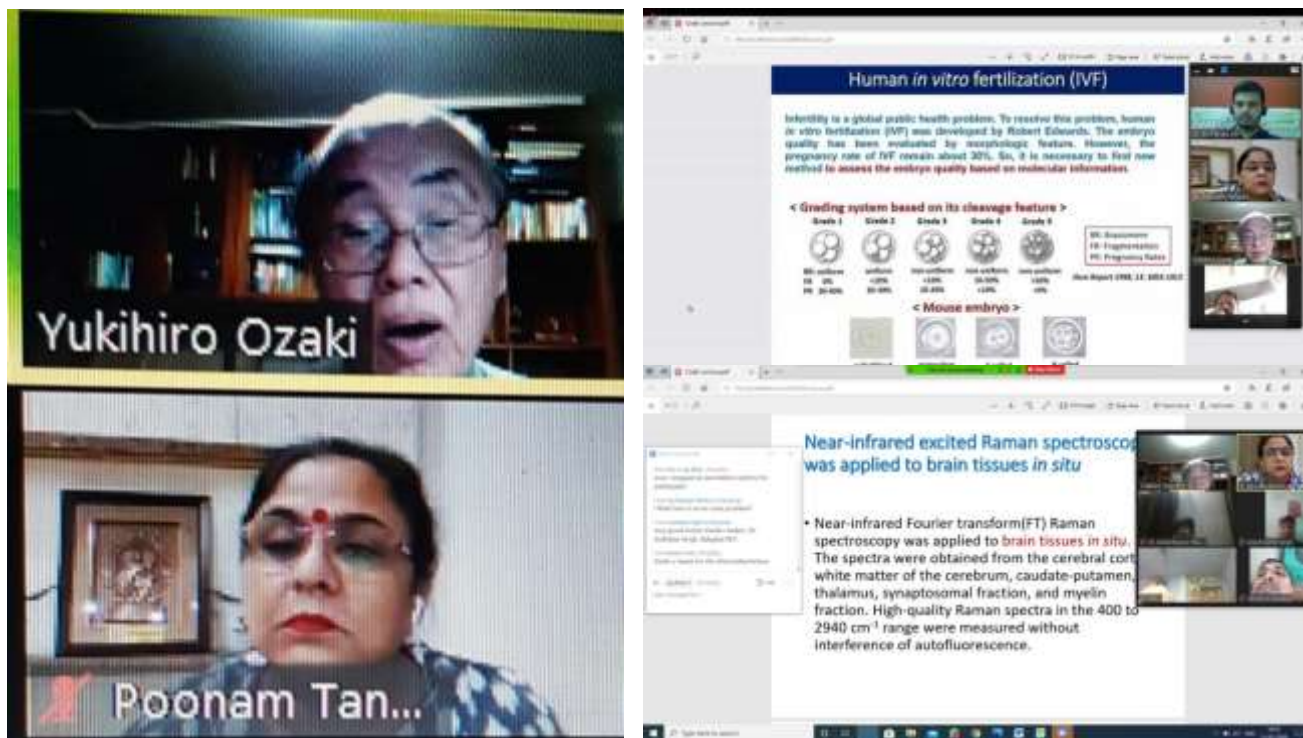


Report on Webinar on Biomedical Applications of Raman Spectroscopy (11 May, 2020)

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, Kwansai 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 Kwansai 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 webinars with well-known scientists. Lucknow University organised a webinar on 'Biomedical Applications of Raman Spectroscopy' with an interesting and informative lecture by Prof Yukihiko Ozaki from Kansai Gakuin University (Japan). The webinar witnessed the participation of over 500 participants. Ozaki talked about the role of Raman Spectroscopy in medical field. Ozaki talked about the sto-

ries and discovery of Raman Effect. He talked about the application of Raman Spectroscopy to biomedical science. He has investigated lens aging and cataract formation by Raman Spectroscopy. He also talked about the diagnosis of cancer tissues in early stage through molecular information non-invasively and how it depends on morphology, protein detection, monitoring of cancer in live mouse models. More than 500 researchers from Poland, Malaysia, South Korea, Hungary, Japan, Taiwan, Nepal and different parts of India participated in the webinar.

Meanwhile, Central Institute of Medicinal and Aromatic Plants (CIMAP) celebrated 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 pandemic. Gupta delivered a lecture on 'Leveraging people's knowledge and entrepreneurial potential for transforming post-pandemic rural India'. He said that the unprece-

dent 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 trigger a horizontal market development (rural to rural) in addition to vertical (rural to urban) supply chains. He also discussed innovative mechanisms to make the next phase of aroma mission more entrepreneurial, networked, and inter-institutional in nature. Meanwhile, Indian Institute of Toxicology Research cele-

brated National Technology Day through their social networking platform. A lecture was delivered by Prof Thalappil Pradeep from IIT-Madras, a pioneer in the area of molecular materials and surfaces. He spoke on 'Innovations in academic institutions during and after the pandemic'. He said looking at pandemics in the past, science and technology has always provided the solution. 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 के सेल्स का निदान सम्भव: प्रो. युकीहोरो



कोविड-19 को लेकर उच्च एवं तकनीकी शिक्षा पर कई अग्र, जुटने टैल-डिटेर के विवेक

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'मोतियाबिंद से लेंस में बदलाव की जांच संभव'

नैशनल प्रौद्योगिकी दिवस पर हुए इंटरनेशनल वेबिनार में बोले विशेषज्ञ

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

एनबीटी, लखनऊ : नैशनल प्रौद्योगिकी दिवस या मसूमे में 'राम स्पेक्ट्रोस्कोपी' के कार्यक्रमिक संचालन पर विचार हुआ। इसमें कोविड-19 से जुड़े विभिन्न देशों के शोधकर्ताओं ने भाग लिया। वेबिनार में 225 से अधिक शोधकर्ताओं ने भाग लिया।

आईआईटीआर में मनाया गया टेक्नालजी डे

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रामन स्पेक्ट्रोस्कोपी कारगर
 लखनऊ। राष्ट्रीय विज्ञान दिवस पर सोमवार को लखनऊ विवि में 'रामन स्पेक्ट्रोस्कोपी के बायोमेडिकल एप्लिकेशन' पर वेबिनार आयोजित की गई, जिसमें कावेमो मस्कूटन विश्वविद्यालय (जापान) के प्रो. युकीहोरो ओजाकी ने विषय पर चर्चा की। बताया कि रामन स्पेक्ट्रोस्कोपी द्वारा उम्र बढ़ने और मोतियाबिंद के कारण आंख के लेंस में होने वाले परिवर्तनों की जांच की जा सकती है।

YouTube Link
<https://youtu.be/aRTLAKPpkOs>