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PRESS-RELEASE

Three-day workshop on photonic sensors for biosensing applications kickstarts at IIT (ISM); experts from technical institute and research laboratories from across the country congregated during the workshop discuss a wide range of applications of photonics.

Experts from technical institutes and research laboratories from across the country congregated here at IIT (ISM) for a three-day workshop (October 17-19) on photonic sensors for biosensing applications and delved deep into different aspects, including the role of photonic technology-based sensors on environmental applications, integrated optical biosensors and waveflex biosensors for healthcare applications, etc.

The occasion was the inaugural day of the workshop, during which the participants also witnessed the demonstration of different types of fiber cables, optical fiber handling, etc. made by the Fiber Optic Sensor Lab of the institute.

Speaking during the inaugural function held at the Conference Hall of the Executive Development Centre (EDC) of the institute as Chief Guest, Prof. MK Singh, Dean (Academic), said that there is a big difference between getting information and acquiring knowledge and emphasized the need to transform the information into knowledge through persistent efforts.

He also suggested the participants and organizers of the workshop explore the application of photonics for treatment of UTI (Urinary Tract Infection).

Highlighting the significance of workshops as part of the outreach activity of the institute, he said, "Workshops are an important part of the outreach activity, which is one of four key activities of the institute apart from teaching-learning, research and development, and peer perception building."

Dr. Srinivas Talabattula, Professor IISC Bangalore, who graced the inaugural function as Guest of Honor, divulged the step-by-step path of converting information into knowledge on any subject, beginning from gaining self-knowledge to attending workshops/lectures, conferences, and publication into the journals, saying, "As the first step of acquiring knowledge, one must carry out self-learning of any topic through books, surfing websites, downloading relevant materials, etc." and added that this should be followed by steps like attending workshops/lecture, organizing conferences, and finally publication of gained knowledge in journals, etc.

He also emphasized the need to constitute relevant societies at the institute level and cited the examples that the student chapter of the Society of Photonics and Optics can be a good step in this direction.

Prof. Ravi Kumar Gangwar, Head, Department of Electronics Engineering, during his address gave details of the history and infrastructure of the Department of Electronics Engineering and the and the different courses being offered by the Department.

Prof. Sanjeev Kumar Raghuwanshi, Associate Professor, Department of Electronics Engineering, who is also the program coordinator, while delivering the welcome address, gave details of the workshop itinerary, etc.

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