

One Week

Fully funded workshop (Karyashala)

On

**“Early diagnosis of Oral cancer biomarkers
of saliva in Oral cancer - A non-invasive
diagnosis of Oral cancer in a Microfluidic
platform”**

(22st Aug. to 28th Aug. 2022)

Funded by



Science and Engineering Research Board, India

Organized By



IPS Academy

Institute of Engineering & Science

(A UGC Autonomous Institute, Affiliated to RGPV)

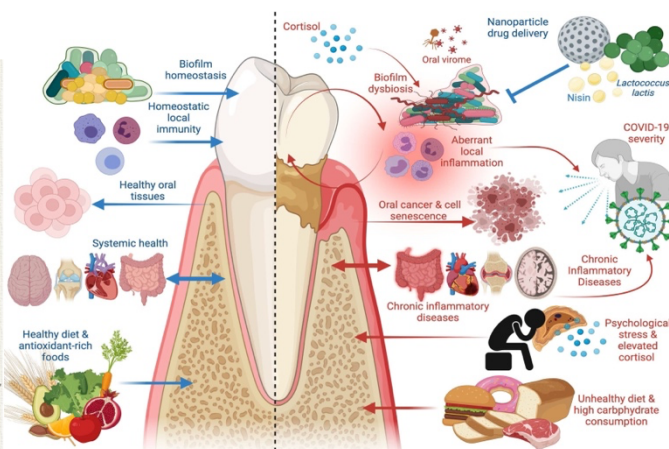
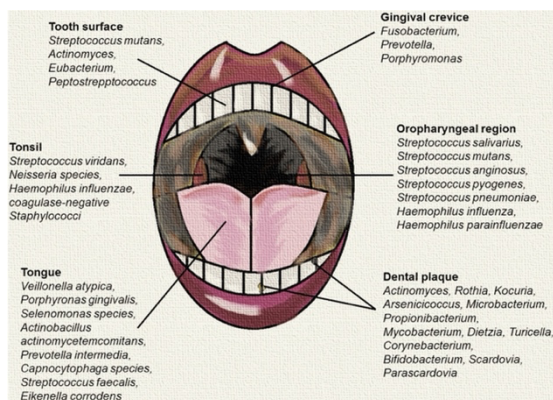
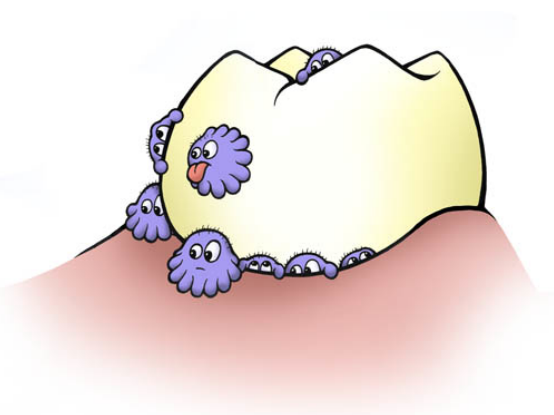
Mechanical Engineering Department

Knowledge Village, Rajendra Nagar, A.B. Road, Indore (M.P.), 452012

Visit us : ies.ipsacademy.org

About Workshop

This is a 7 days workshop, funded by SERB, DST, Govt. of India, to support regular PG/ PhD students (25 students only) who are having a strong orientation towards Microfluidics Interdisciplinary scientific research and are pursuing their degree from University within India in the fields of Science & Engineering and having an interest in developing diagnostic devices for rapid diagnosis of various diseases. Experts from multidisciplinary field (Doctors, Engineers, microbiologist, Pharmacologist) will be delivering the lectures.



Who can apply?

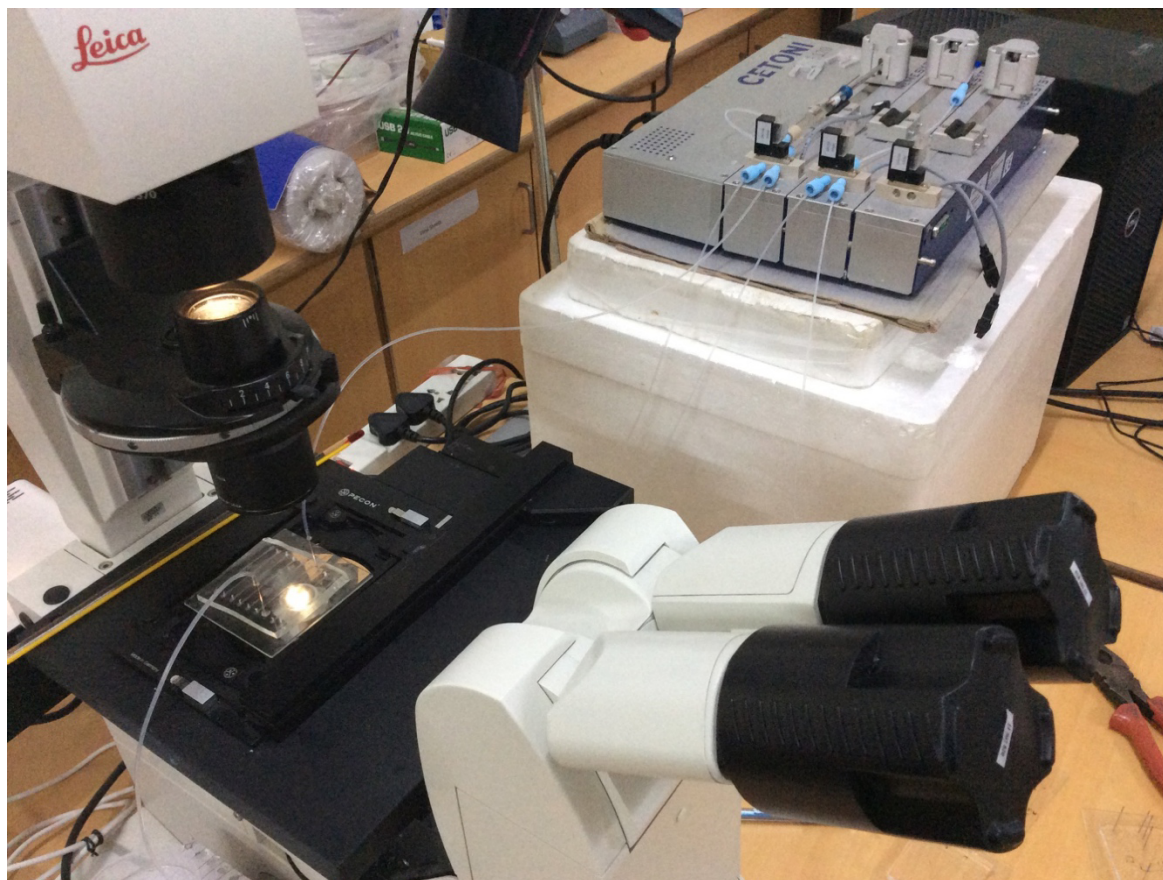
PG/PhD students (pursuing) from universities, colleges, private academic institutions.

About IPSA-IES, Indore

IPS Academy, Institute of Engineering & Science A UGC Autonomous Institute, Affiliated to RGPV is one of the leading private self-financing institutes devoted to imparting quality engineering education with the sole motto of “Knowledge, Skill & Values”. The institute was established in 1999 and Ranked 38th among the Top Engineering Colleges in country, 32nd among the Private Engineering Colleges in country & 1st in Central Zone by Times of India. We offer 10-UG & 8-PG programs out of which eligible UG Programmes Accredited by NBA New Delhi also we are accredited by NAAC.

About Microfluidics lab

The Lab was established in the year 2019 and it is equipped with the required instruments and facilities to execute different project works to develop devices for diagnosis. At present in the lab, we are working visualizing the curing process of bacterial vaginosis with Lactobacillus, working on early diagnosis of Oral cancer with biofluids, Visualizing the root growth with different plant growth promoting microbes, drug diffusion quantification in to the skin cells.



About SERB

"Accelerate Vigyan" (AV) strives to provide a big push to high-end scientific research and prepare scientific manpower which can venture into research careers and knowledge-based economy. Recognizing that all research has at its base as development of quality, well-trained researchers; AV will initiate and strengthen mechanisms of identifying research potential, mentoring, training, and hands-on workshops, on a broad-based national scale. The aim is to expand the research base in the country, with three broad goals - consolidation / aggregation of all scientific training programs, initiating High end Orientation Workshops and creating opportunities for Training and Skill Internship.

This scheme is primarily to focus on young potential researchers with an aim to give an opportunity to them to spend quality time in the pre-identified premier institution, labs / organizations and empower them through best practices and environment, so that they acquire the requisite skills and vision for undertaking future research assignments requiring high standards. This will be achieved through two modes of learning, that is high end workshops & Training and Skill Internship. The aim is to reach out to those students from the universities / institutes / recognized colleges, who do not have access and exposure to such facilities and environment.

The SERB through some of its existing programmes facilitates various forums for scientists and technologists by providing complete or partial grant-in-aid to scientific organizations and professional bodies to organize seminar/symposia, technical workshops, winter / summer schools etc. while the organizers of such events solicit funds from other funding bodies too. However, such efforts of all these ministries/departments and beneficiaries of such programs, often remains unnoticed for the want of a common data base. Thus, another component of the AV aims towards branding and aggregation of all the scientific workshops and training programs conducted in the country under a common roof and logo of "Accelerate Vigyan".

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Registration: <https://forms.gle/sbAXxtRbgR8GosWV8>
No Registration Fee.

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