



PATH BULLETIN

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Department of B.Sc. In Medical Laboratory
Technology (BMLT)



SWAMI VIVEKANANDA UNIVERSITY

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Keynote about BMLT:

The vision of the Medical Laboratory Technology course is to develop highly skilled and ethical laboratory professionals committed to excellence in clinical diagnostics, scientific research, and healthcare innovation. Through advanced education and hands-on training, the course aims to equip students with the knowledge and technical expertise required to provide accurate and reliable diagnostic services, ultimately improving patient care and public health. By fostering a culture of continuous learning, professional integrity, and adherence to global healthcare standards, the program aspires to contribute to medical advancements and the ever-evolving field of laboratory science.



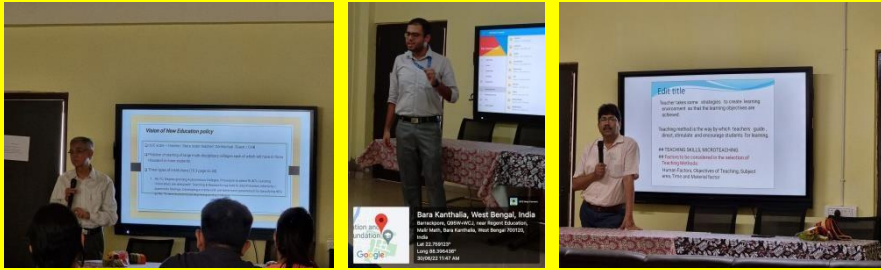
Boot camp Hands-on workshop:

Our university has arranged numerous hands-on boot camps at NUCARE clinic & SVU Campus where the students will hone their applied based workstation knowledge that are very utilitarian for their time ahead goal. The demonstration of fluoroscopy, sialography, cholangiography, ERCP, Urethrography, Mammography, soft tissue radiography, biochemical assay and stress management are also imparted in those hands on.

Expert Lecture Session

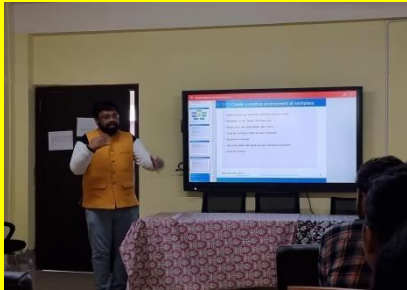
Our students were extremely privileged to have a wonderful session with the honorable top notch radiologist advisor Dr. Bibartan Saha, who guide them to discover their career path for a desired job profile to be a successful entrepreneur.





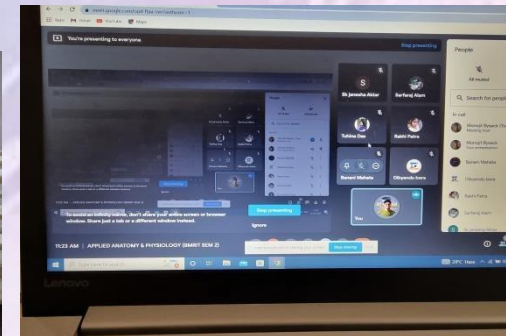
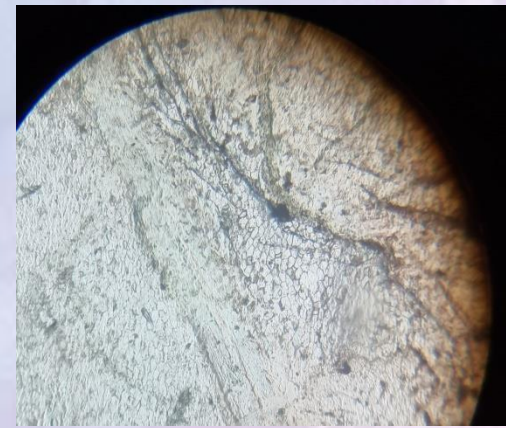
Faculty Development Program:

In the world of modern era where knowledge of individual person is getting drop at every moment via research-based assessment, it is very indispensable to improve the skills of every faculty via different training-based programs to make them more consummate for the students. In that regard our university has arranged Faculty Development Program (FDP) in physical mode at campus for achieving the highest goal from the faculties. So, beside the students' add-on courses our university also looks upon the development of the respected faculties for providing the students a tremendous output training from the other end.



Add-on lab works:

The department of BMLT offered to carry out the add-on lab works by providing biochemical, physiological & microbiological practices such as Estimation of Hb, TC of RBC & WBC, DC of WBC, BT & CT, Urinary bladder histology of a normal & pathological person, Culture of bacteria from soil sample, Examination of bacterial species in white curd, Qualitative estimation of carbohydrates, protein, urea, bile salt from unknown sample, Effect of exercise on BP via graphical assessment etc.



Observership:

The diagnosis of disease & injury of patient by is one of the crucial parts of modern medical treatment & the need of modern medical technology provide lucrative jobs for radiologists mostly in hospitals. Moreover, it is the way through which the medical practitioners find out detail information regarding disease related structural changes. In that consequence our university has arranged scheduled observer ship program for each student on Radio Imaging Instrumentaional usage at Narayana Multispeciality Hospital to assess their practical based knowledge in the field of radiology.



Value Added Courses:

Many value added courses has been imparted for the students for the improvement of skills that will definitely help the in the field of their career path. The adds on including demonstration of bacterial culture medium preparation like slant and inoculation of bacterial samples.



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