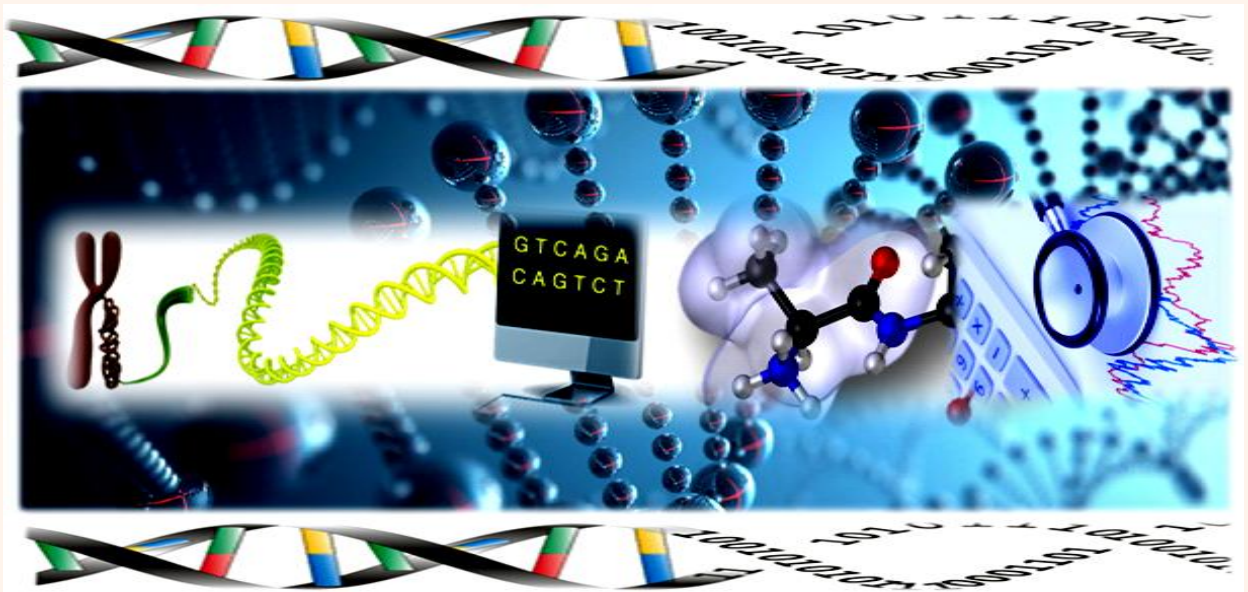


20th Workshop on Recent Advances in Computational Biology

Supported by DBT, MoS&T
Govt of India

November 30 - December 1, 2018



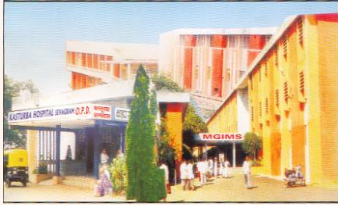
DBTs' Sub-DIC (Bioinformatics Centre)
Biochemistry & JB Tropical Disease Research Centre
Mahatma Gandhi Institute of Medical Sciences
Sevagram (Wardha) - 442 102, Maharashtra, India

SEVAGRAM



Sevagram was the *de facto* capital of India during the struggle for Independence. In 1936 Gandhiji identifying himself with poorest of the poor, settled in the remote village of Segaon rechristened as 'Sevagram'. A small village in the heart of Vidarbha region of Maharashtra state situated 8 kms from the town of Wardha and 77 kms from the city of Nagpur. The crucial meetings of the congress working committee were held here and the "Quit India" resolution was passed in July 1942 at Sevagram.

MAHATMA GANDHI INSTITUTE OF MEDICAL SCIENCES (MGIMS)



MGIMS located in rural setting within 5 minutes walking distance from Gandhi Ashram, is the First Rural Medical Institute in India established in 1969 as Gandhi Centenary Project under the dynamic leadership of (Late) Dr. Sushila Nayar. During her leadership of 30 years, the institute grew Kasturba Hospital with the state of the art facilities. MGIMS is a pioneering Medical Institution with its innovative approaches in academic curricula, training of personnel with rural bias with 934 bedded hospital. The Operation Theatre is equipped with state of art microsurgical microscopes with CCTV facility. MGIMS has established a modern simulation lab to train doctors and paramedical staff in life saving skills. The lab also has a critical care simulation advanced mannequins, which is first of its kind in whole of central India. The Institute has also added digital subtraction angiography, brachytherapy and a cath lab. In 2014, the MOHFW, Govt of India, under the aegis of National Health Mission approved the setting up of a model MCH wing for comprehensive reproductive, maternal, newborn and child and adolescent health at MGIMS. The campus is Wi-Fi enabled. The Institute is presently moving forward under the able guidance of Shri Dhiru S. Mehta, Honorable President, Kasturba Health Society, a man with dynamism coupled with Gandhian Ideals and Passion.

DEPARTMENT OF BIOCHEMISTRY & JAMNALAL BAJAJ TROPICAL DISEASE RESEARCH CENTRE



The Department of Biochemistry whose sole piece of equipment was a small colorimeter way back in 1969 was nurtured over the past four decades by its dedicated team of staff and postgraduate students to its present level of sophistication. Apart from its involvement in training undergraduates, postgraduates (MD Biochemistry) and PhD students, it runs regular short term courses on 'Immunological and molecular diagnostics for infectious diseases' with the support from DBT. The thrust in research is on applied aspects of tropical diseases; filariasis and tuberculosis. Another focus area of research is Cancer Informatics. Jamnalal Bajaj Tropical Disease Research Centre is the result of sustained health problem based research activity by the Biochemistry Department for more than two decades at MGIMS, with support from ICMR, CSIR, DST, WHO / TDR, Indo US STI, DBT & KHS. JBTDRRC was established in 1994 to expand the Institute's ongoing Research Programmes in Tropical Diseases such as filariasis and tuberculosis prevalent in this region.

SUB-DIC (BIOINFORMATICS CENTRE)



Sub-DIC (Bioinformatics Centre) was established at MGIMS in March 1999 with support from DBT, MoS&T, Govt of India as a part of National BTISnet Programme. Since inception, the Centre has thrust on Medical Informatics. Sub-DIC has developed databases (Mycoprotease-DB, *Mtb* Proteome comparison & HPV Proteome DB) and maintains web portal on emerging infectious diseases & lifestyle health problems and holistic healthcare research in Bharat. Sevamed - a quarterly update on infectious disease research & lifestyle diseases has entered 19th year publication and transformed to e-Sevamed. Online Health Informatics Certification (OHIC) course launched in July 2010, is a six month course for healthcare personnel. Professionals from UK, Uganda, Mauritius, Ethiopia, Saudi Arabia and India) have successfully completed this course.

Dear Colleagues,

20th Workshop on 'Recent Advances in Computational Biology' is being organized by Bioinformatics Centre, Department of Biochemistry & JB Tropical Disease Research Centre at Mahatma Gandhi Institute of Medical Sciences, Sevagram during November 30 - December 1, 2018. Interesting Lectures on computational biology techniques for healthcare application would be delivered by expert faculty. Besides, Interactive session, Demonstrations and Hands on sessions on computer aided drug designing, Drug-Protein interactions, mechanism of drug resistance & Next-Generation Sequence (NGS) data analysis for genomic medicine etc would also be conducted to promote use of computational biology in healthcare research.

Interested Medical Teachers, Scientists, Postgraduate and PhD students who intend to apply computational biology approach in their research or wish to contribute to the developments of this field may apply for attending this Workshop. The number of participants will be restricted to 25. Interested participants can submit workshop theme-based abstracts (250 words in MS Word format) by e mail (subdicproject@gmail.com) by November 15, 2018. Selected participants will be informed about the details of their presentation. The Faculty will be drawn from Nationwide Universities and Medical & Research Institutes.

HOW TO APPLY & LAST DATE

Applicants are requested to send their registration form duly filled in with registration fee on or before November 15, 2018.

REGISTRATION / ACCOMMODATION FEE

Registration fee is Rs. 700/-. Accommodation may be arranged in the Yatri Niwas near the Institute on payment and first come first served basis. In case, the accommodation is needed, an advance of Rs 600/- towards two days rent must be sent along with the registration fee. The amount towards Registration and Accommodation charges should be paid by Cheque/DD drawn in favor of "Sub-DIC Project" payable at Sevagram. The selected candidates will be informed through e-mail.

RECEPTION

Sevagram and Wardha are on railway lines. Nagpur is the nearest airport. Number of buses operates between Nagpur & Wardha frequently. Participants may directly reach the place of their accommodation by shared/special auto. Venue is at walking distance from the accommodation place. Participants are advised to make their return journey reservation well in advance.

Looking forward to welcoming you at Sevagram,

Satish Kumar

Professor & Head, Biochemistry & JBTDRC
PI-Coordinator, DBT Sub-DIC Project (Bioinformatics Centre)
Mahatma Gandhi Institute of Medical Sciences
Sevagram (Wardha) - 442102, Maharashtra
9422144468 | mgims.btisnet@nic.in | www.dbtsubdic.in

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November 30 - December 1, 2018

REGISTRATION FORM

Name (Dr./Prof./Mr./Ms.) _____

Designation _____ Age _____ Sex _____

Organization _____

Mailing address _____

Contact (Office) _____ (Residence) _____

(Mobile) _____ (e mail) _____

Areas of Interest _____

Payment Particulars:

Amount paid towards Registration _____ & Accommodation _____

by Cheque/DD No _____ Dated _____ Drawn in _____

payable at Sevagram/Wardha

Candidate's Signature

Completed registration form may be sent to -

DBT' Sub-DIC Project (Bioinformatics Centre)
Biochemistry & JB Tropical Disease Research Centre
Mahatma Gandhi Institute of Medical Sciences
Sevagram, (Wardha) - 442102, Maharashtra, India