

Advanced Course in Bio-Informatics (ACB-2003)
Organized by C-DAC, and ICT; June – October 2003
Final Schedule for Hands on Session at C-DAC Pune
 September 22, 2003 (Monday)~ September 27, 2003 (Saturday)
 Venue : C-DAC Auditorium

Day 1: September 22, 2003 (Monday)

12:00 ~ 12:30	An overview of Arrangements and Facilitation Services
12:30 ~ 13:15	Parallel Computing Introduction (Part-I) : Introduction; What is Parallel Computing? ; Application requirements; The Scope of Parallel Computing; Notations and Conventions; Issues in Parallel Computing, Performance of Parallel Programs; Parallel Programming Overview; Basic Communication Operations
13:15 ~ 14:00	LUNCH at C-DAC Roof Top Pavilion
14:00 ~ 16:00	Hands-on Session on Parallel Computing
16:00 ~ 16:30	TEA BREAK at C-DAC Roof Top Pavilion
16:30 ~ 18:00	Parallel Computing Introduction (Part-I) : Compilation and Execution of Sequential and Parallel programs - Introduction to Message Passing Programs (MPI)
18:00 ~ 18:30	Visit to NPSF
19:30 ~ 20:30	DINNER at C-DAC Roof Top Pavilion

Day 2: September 23, 2003 (Tuesday)

08:30 ~ 09:00	Break Fast at C-DAC Roof Top Pavilion
09:00 ~ 11:00	Hands-on Session on Parallel Computing
11:00 ~ 11:30	TEA BREAK at C-DAC Roof Top Pavilion
11:30 ~ 13:15	An Overview of Shared Memory Programming Model, OpenMP Constructs, Parallel for Loops, Example Programs on Message Passing Cluster
13:15 ~ 14:00	LUNCH at C-DAC Roof Top Pavilion
14:00 ~ 17:00	Examination on Parallel Computing (Theory)
16:00 ~ 16:30	TEA BREAK at C-DAC Roof Top Pavilion
17:00 ~ 18:30	Lecture on Parallel Computing Tools
19:30 ~ 20:30	DINNER at C-DAC Roof Top Pavilion

Day 3: September 24, 2003 (Wednesday)

08:30 ~ 09:00	Break Fast at C-DAC Roof Top Pavilion
09:00 ~ 11:00	Hands-on Session: Parallel Computing Tools Demonstration
11:00 ~ 11:30	TEA BREAK at C-DAC Roof Top Pavilion
11:30 ~ 13:15	Parallel Computing & Applications of Genetic Algorithms:
13:15 ~ 14:00	LUNCH at C-DAC Roof Top Pavilion
14:00 ~ 16:00	Hands-on Session: Sequence Analysis Tools: BLAST
16:00 ~ 16:30	TEA BREAK at C-DAC Roof Top Pavilion
16:30 ~ 18:30	Hands-on Session: Sequence Analysis Tools: <i>Continuation</i>
19:30 ~ 20:30	DINNER at C-DAC Roof Top Pavilion

Day 4: September 25, 2003 (Thursday)

08:30 ~ 09:00	Break Fast at C-DAC Roof Top Pavilion
09:30 ~ 11:00	Hands-on Session: Sequence Analysis Tools: FASTA
11:00 ~ 11:30	TEA BREAK at C-DAC Roof Top Pavilion
11:30 ~ 13:15	Hands-on Session: Sequence Analysis Tools: <i>Continuation</i>
13:15 ~ 14:00	LUNCH at C-DAC Roof Top Pavilion
14:00 ~ 16:00	Hands-on Session: Sequence Analysis Tools: SMITH-WATERMAN
16:00 ~ 16:30	TEA BREAK at C-DAC Roof Top Pavilion
16:30 ~ 18:30	Hands-on Session: Continued
19:30 ~ 20:30	SPECIAL DINNER at C-DAC Roof Top Pavilion

Day 5: September 26, 2003 (Friday)

08:30~09:00	Break Fast at C-DAC Roof Top Pavilion
09:30~11:00	Hands-on Session: Sequence Analysis Tools: CLUSTALW
11:00~11:30	TEA BREAK at C-DAC Roof Top Pavilion
11:30~13:15	Hands-on Session: Continued
13:15~14:00	LUNCH at C-DAC Roof Top Pavilion
14:00~16:00	Hands-on Session: Gene finding Tools: GENEID
16:00~16:30	TEA BREAK at C-DAC Roof Top Pavilion
16:30~18:30	Hands-on Session: Motif finding Tools: MEME
19:30 ~20:30	DINNER at C-DAC Roof Top Pavilion

Day 6: September 27, 2003 (Saturday)

08:30 ~ 09:00	Break Fast at C-DAC Roof Top Pavilion
09:30~10:10	Presentation on Gene Fusion Studies
10:10~11:00	Presentation on Ortholog detection
11:00~11:30	TEA BREAK at C-DAC Roof Top Pavilion
11:30~12:10	Presentation on Grid
12:10~13:15	Discussion and Feed-back
13:15~14:00	LUNCH at C-DAC Roof Top Pavilion
14:00~15:00	Concluding Session
15:00 ~15:15	Departure to Pune Railway Station from C-DAC, Pune