## PROVISIONAL PROGRAMME SCHEDULE

**(25th July 2014)**

**Venue:** Seminar Hall, Department of Biochemistry, Pt. JNM Medical College, Raipur (C.G.)

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9.00 -10.00 AM</td>
<td>Registration</td>
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<tr>
<td>10.00-11.00 AM</td>
<td><strong>Dr. Vinod Scaria</strong>&lt;br&gt;IGIB, New Delhi</td>
<td>From Personal Genomes to Precision Medicine</td>
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<tr>
<td>11.00-12.00 Noon</td>
<td>Inauguration</td>
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<td>12.00-12.30</td>
<td>Tea Break</td>
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<tr>
<td>12.30-1.15 PM</td>
<td><strong>Dr. K. Ganapathi</strong>&lt;br&gt;Apollo Hospital, Chennai</td>
<td>Digital Medicine: Health care of the future</td>
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<td>1.15-2.00 PM</td>
<td><strong>Dr. Z H Khan</strong>&lt;br&gt;NDMC Medical College, New Delhi</td>
<td>How to go bring in “Digital Medicine” to the Medical and Paramedical Fraternity</td>
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<td>2.00-3.00 PM</td>
<td>Lunch Break</td>
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<tr>
<td>3.00 PM- 3.45 PM</td>
<td><strong>Dr. T. Lahiri</strong>&lt;br&gt;IIIT Allahabad</td>
<td>Possible Applications of Human Cognition Inspired Computational Models in Health Science</td>
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<tr>
<td>3:45 PM- 4.30 PM</td>
<td><strong>Mr. P.Das</strong>&lt;br&gt;Reliance JIO Infocomm Ltd, Mumbai</td>
<td>Digital Prescription Management System</td>
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<td>4:30 PM- 5:00 PM</td>
<td>Tea Break</td>
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<tr>
<td>5:00 PM- 5:45 PM</td>
<td><strong>Mr. Vittal Natrajam</strong>&lt;br&gt;Cmedios Technologies Pvt Ltd, Bangalore</td>
<td>Connecting Health</td>
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<tr>
<td>7.30-9.30 PM</td>
<td>Dinner</td>
<td>Venue: Department of Biochemistry, Pt.JNM Medical College, Raipur</td>
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Hands-on-Workshop
on
"Bioinformatics in Medical Sciences"
(26th - 31st July, 2014)

Venue: Department of Biochemistry, Pt.JNM Medical College, Raipur (C.G.)

Programme for Batch-1

Day 1 (26.07.14)

10.00-11.00 am  Introduction to Bioinformatics and its applications
By Dr. Hrishikesh Mishra, Scientist, SCIC, Raipur

11.00-11.30 am  Tea Break

11.30 am -12.30 pm  Application of some important computational techniques to solve protein structure
by Dr. Tapobrata Lahiri, Asso. Prof., IIIT, Allahabad

12.30 pm - 1.30 pm  Introduction to Oracle Programming
By Ms. Mona Choubey, Jr. Scientist, BIC, Pt. JNM MC, Raipur

1.30-2.30 pm  Lunch Break

2.30-3.30 pm  Practicals on sequence alignment tools-BLAST, FASTA, CLUSTALW
by Ms. Khushboo Soni

3.30-4.00 pm  Tea Break

Day 2 (27.07.14)

10.00-11.00 am  Identification of genetics risk factors for disease
By Dr. LVKS Bhaskar, SCIC

11.00-11.30 am  Tea Break

11.30 am -12.30 pm  Computational Gene Identification
By DR. Shrish Tiwari, CCMB Hyderabad

12.30 pm - 1.30 pm  Practicals on tools used in association studies
By Dr. LVKS Bhaskar, SCIC

1.30-2.30 pm  Lunch

2.30-3.30 pm  Biological Sequence Comparison
By Dr. Hrishikesh Mishra, Scientist, SCIC, Raipur

3.30-4.00 pm  Tea Break

Day 3 (28.07.13)

10.00-11.00 am  Molecular modeling, Protein structure prediction and visualization
by Dr. Manoj K Yadav, MBT

11.00-11.30 am  Tea Break

11.30 am -12.30 pm  Introduction to C Programming
By Ms. Mona Choubey, Jr. Scientist, BIC, Pt. JNM MC, Raipur

12.30 pm - 1.30 pm  Practicals on AutoDock
by Dr. Manoj K Yadav, MBT
1.30-2.30 pm  Lunch
2.30-3.30 pm  Practicals on AutoDock continued..
    by Dr. Manoj K Yadav, MBT
3.30-4.00 pm  Tea Break

**Day 4 (29.07.14)**
10.00-11.00 am  BLAST, its Types and Applications
    By Mrs. C.M. Nisha, NIT Raipur
11.00-11.30 am  Tea Break
11.30 am -12.30 am  Online tools used in biological studies
    By Mr. Santosh Behar, CHiPS
12.30 pm - 1.30 pm  Practicals on Online tools used in biological studies
    By Mr. Santosh Behar, CHiPS
1.30-2.30 pm  Lunch
2.30-3.30 pm  Genetics of non-syndromic oral clefts
    By Dr. LVKS Bhaskar, SCIC
3.30-4.00 pm  Tea Break

**Day 5 (30.07.14)**
10.00-11.00 am  MOOC: A path to e-learning
    By Mr. Santosh Behar, CHiPS
11.00-11.30 am  Tea Break
11.30 am -12.30 am  Practicals on MOOC: A path to e-learning
    By Mr. Santosh Behar, CHiPS
12.30 pm - 1.30 pm  Practicals on Biological databases
    by Ms. Khushboo Soni
1.30-2.30 pm  Lunch
2.30-3.30 pm  Concepts Computer Aided Drug Designing
    by Dr. Manoj K Yadav, MBT
3.30-4.00 pm  Tea Break

**Day 6 (31.07.14)**
10.00-11.00 am  Practicals on Pymol
    by Ms. Khushboo Soni, RA, BIC, Pt. JNM MC, Raipur
11.00-11.30 am  Tea Break
11.30 am -12.30 am  Practicals on Oracle
    By Ms. Mona Choubey, Jr. Scientist, BIC, Pt. JNM MC, Raipur
12.30 pm - 1.30 pm  --
1.30-2.30 pm  Lunch break
2.30-3.30 pm  --
3.30-4.00 pm  Tea Break
### Programme for Batch-2

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<td>Practicals on sequence alignment tools-BLAST,FASTA,CLUSTALW by Ms.Khushboo Soni, RA, BIC, Pt.JNM MC,Raipur</td>
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<td>2.30-3.30 pm</td>
<td>Identification of genetics risk factors for disease by Dr. LVKS Bhaskar, Senior Scientist, SCIC, Raipur</td>
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1.30-2.30 pm Lunch
2.30-3.30 pm Introduction to C Programming
  by Ms. Mona Choubey, Jr. Scientist, BIC, Pt. J.N.M.M.C, Raipur
3.30-4.00 pm Tea Break

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11.00-11.30 am Tea Break
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  By Dr. Manoj K Yadav, Asst. Professor, MBT, Pt. J.N.M.M.C, Raipur
12.30 pm - 1.30 pm Introduction to Oracle Programming
  By Ms. Mona Choubey, Jr. Scientist, BIC, Pt. J.N.M.M.C, Raipur
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2.30-3.30 pm Practicals on Oracle
  By Ms. Mona Choubey, Jr. Scientist, BIC, Pt. J.N.M.M.C, Raipur
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10.00-11.00 am MOOC: A path to e-learning
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Day 6 (31.07.14)
10.00-11.00 am
11.00-11.30 am Tea Break
11.30 am -12.30 am --
12.30 pm - 1.30 pm Practicals on AutoDock
  By Dr. Manoj K Yadav, Asst. Professor, MBT, Pt. J.N.M.M.C, Raipur
1.30-2.30 pm Lunch break
2.30-3.30 pm Practicals on AutoDock continued..
  By Dr. Manoj K Yadav, Asst. Professor, MBT, Pt. J.N.M.M.C, Raipur
3.30-4.00 pm Tea Break