<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENTS</th>
</tr>
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<tbody>
<tr>
<td>9:30 - 10:30 am</td>
<td>Lecture by Guest Speaker</td>
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<tr>
<td>10:30 - 12:30 pm</td>
<td>Panel Discussion and Exploring Employability Potential</td>
</tr>
<tr>
<td>12:30 - 3:00 pm</td>
<td>VALEDICTORY FUNCTION</td>
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**Day-2 & 5**  
- Tea Break: 10:30 to 10:45 am  
- Lunch break 12:30 - 1:15 pm

**Workshop Hands on Session**
1. Mammalian cell culture- Media Formulation, Sterilization requirements and Reviving Mammalian cells
2. MTT Assay and Staining Assays
3. Isolation of PBMCs from human blood
4. Total RNA isolation from cultured mammalian cells

**Organizing Committee**

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
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<tbody>
<tr>
<td>Chief Patron</td>
<td>Sri. S. Narasa Raju</td>
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<td>Patron</td>
<td>Sri. S.N.V.L. Narasimha Raju</td>
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<tr>
<td>Patron</td>
<td>Dr. R. Kavyashree</td>
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<tr>
<td>Organizing Secretary</td>
<td>Dr. P.B. Raghavendra</td>
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<tr>
<td>Executive Committee</td>
<td>Dr. Abdul Nayeem</td>
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<td></td>
<td>Dr. Shivaji Bole</td>
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<td></td>
<td>Mrs. Mamatha J</td>
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<td>Mrs. Garima V</td>
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<td>Ms. Chitra Y</td>
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<td>Ms. Divya S. Aind</td>
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**Workshop on Advances in *In-vitro* Cell culture and Functional Applications**

6th - 10th July, 2015

**Faculty Development Programme**

Sponsored by
Department of Biotechnology  
Ministry of Science and Technology  
Government of India, New Delhi

**Government of India**

**Department of Biotechnology**

**Ministry of Science & Technology**

**CHILDREN'S EDUCATION SOCIETY**

**THE OXFORD COLLEGE OF SCIENCE**

**Department of Biotechnology**

Organizes
About The Oxford College of Science

The Oxford College of Science was established in 1974 by S. Narasa Raju, Chairman under the aegis of Children’s Education Society (Regd.). It has made a humble beginning with 24 students and 2 teachers. The Oxford Educational Institutions has grown into 33 vibrant schools and colleges with 20,000 students and 2700 faculty members. Today The Oxford Educational Institutions has more than 60 academic streams.

The Oxford College of Science is accredited by NAAC with ‘A’ Grade, Certified by International Accreditation Organization (IAO). It is permanently affiliated to Bangalore University and is also recognized by UGC under section 2(f) and 12(B).

About Department of Biotechnology

The department was inaugurated in 1999 with UG and PG courses. The Department of Biotechnology of The Oxford College of Science has been ranked 8th among the top ten Biotech Schools in private sector in India, as per the recent conducted and published in BIOSPECTRUM, a leading Biotechnology magazine.

The faculty members have published more than 70 research papers in last five years. The Department of Information Technology and Biotechnology (ITBT), Govt of Karnataka has sanctioned The Biotechnology Finishing School (BTFs) to the College for academic and research development.

The Department of Biotechnology of The Oxford College of Science has been sanctioned the Research Centre Status by Bangalore University to pursue Ph.D. and research activities.

The Oxford Biotechnologist’s Society conducts holistic activities for the benefit of students. An annual in-house magazine BIOSPECTRUM is released since 2004 issues to provide a platform to students to display their writing skills, present papers and learn on the opportunities available to them for their future.

Workshop Overview

Current workshop offers a course to the faculties of various life science disciplines. The course introduces to the history, theory, and techniques of maintaining living cells in long-term culture. The combination of lectures and lab experiences will be designed to demonstrate cell biology in both theory and practice. The course introduces the laboratory techniques that are currently being used to establish, culture, and characterize cell lines in the TOCS Cell Repositories. Participants will process peripheral blood samples to obtain mononuclear cells used to establish primary cell cultures and characterize cell lines in the TOCS Cell Repositories. Participants will process peripheral blood samples to obtain mononuclear cells used to establish primary cell cultures and characterize cell lines in the TOCS Cell Repositories.

About Workshop

Venue: Department of Biotechnology

The Oxford College of Science, Sector IV, No. 32, 17th B Main, HSR Layout, Bangalore 560102

List of Speakers:

Prof. PSP Gupta, NIANP, Bangalore
Dr. Rajendra Kumar P, Aurigene Discovery Technologies Ltd., Hyderabad
Dr. Harendra Madduri, SKU, Anantapur
Prof. Anirban Chatterjee, TODC, Bangalore

Registration Fees: Please submit Registration form and Proceed for payment only after Email confirmation.

Faculty Members/ Before 25 June, 2015 After 25 June, 2015
Scientists and Lecturers Rs. 1500/- Rs. 2000/- Limited

Accommodation facility is provided on request for the outstation delegates Rs. 500/- per day on sharing basis
*Payment should be made through Demand Draft in favour of The Oxford College of Science (Research), payable at Bangalore or Online Money Transfer through NEFT in the following Account:

Name: The Oxford College of Science (Research) A/C Number: 140501011005237 Bank and Branch: Vijaya Bank, Branch, HSR Layout, Bangalore- 560102 IFSC Code: VIJB0001405

Participant’s Profile

Faculty Members/Scientists and Lecturers of Academic Institutes and Research Centers.

Important Dates:

All the Correspondence should be sent to The Organizing Secretary, Department of Biotechnology, The Oxford College of Science, 17th B Main Sector IV, HSR Layout, Bangalore- 560102 Email: raghavbiot@gmail.com Mobile: +91 7760400507

Year I Programmes

Time
Event
9:30 - 10:30 am
Registration
10:30 - 10:45 am
Welcome Address - Principal Address
10:45 - 11:00 am
Address by Executive Director
11:00 - 11:15 am
Address by Chief Guest
11:15 - 11:30 am
Tea Break
11:30 - 12:30 pm
Special Lecture by Guest Speaker
12:30 – 1:15 pm
Lunch Break

Venue: Department of Biotechnology
The Oxford College of Science, Sector IV, No. 32, 17th B Main, HSR Layout, Bangalore 560102

Programme Schedule

DAY-1

10:00 -10:30 am
Registration
10:30 -10:35 am
Welcome Address - Principal Address
10:35 -10:45 am
About Workshop
10:45 -11:00 am
Address by Executive Director
11:00 -11:15 am
Address by Chief Guest
11:15 -11:30 am
Tea Break
11:30 -12:30 pm
Special Lecture by Guest Speaker
12:30 – 1:15 pm
Lunch Break

Hands on Session

Lab-1

1:15 – 3:30 pm
Participants: 1-15

Lab-2

Participants: 16-30

3:30 - 4:00 pm
High Tea

DAY-2

9:30 - 10:30 am
Lecture by Guest Speaker
10:30 - 10:35 am
Hands on Session
10:35 -10:45 am
Participants: 1-15
11:00 -11:15 am
Hands on Session
11:15 -11:30 am
Tea Break
11:30 -12:30 pm
Special Lecture by Guest Speaker
12:30 – 1:15 pm
Lunch Break

Hands on Session

Lab-1

Participants: 1-15

Lab-2

Participants: 16-30

3:30 - 4:00 pm
High Tea

DAY-3

9:30 - 10:30 am
Lecture by Guest Speaker
10:30 - 10:35 am
Hands on Session
10:35 -10:45 am
Participants: 1-15
11:00 -11:15 am
Hands on Session
11:15 -11:30 am
Tea Break
11:30 -12:30 pm
Special Lecture by Guest Speaker
12:30 – 1:15 pm
Lunch Break

Hands on Session

Lab-1

Participants: 1-15

Lab-2

Participants: 16-30

3:30 - 4:00 pm
High Tea