

## Report on workshop on Animal Cell Culture: Techniques and Applications 2017

Department of Biotechnology, Guru Ghasidas Vishwavidyalaya

**Date of Event :** January 19-25, 2017

**Venue :** Department of Biotechnology, Guru Ghasidas Vishwavidyalaya

**WORKSHOP ON  
ANIMAL CELL CULTURE:  
TECHNIQUES AND APPLICATIONS**  
January 19-25, 2017



Organized by  
Department of Biotechnology  
Guru Ghasidas Vishwavidyalaya  
(A Central University)  
Bilaspur-495009 CG

Supported By  
SKILL DEVELOPMENT CELL, Guru Ghasidas Vishwavidyalaya

❖ **Highlights of the Workshop**

- Study of Laboratory requirement and Media preparation for the animal cell culture
- Primary Cell culture from animal tissue
- Cell Passaging and enumeration
- Various assays like Proliferation assay, cell viability assays, apoptosis assays

❖ **Lectures and demo by eminent experts of field**

Training program is open for students, Research Scholars and Faculty members

Training Dates	Registration Fee	No. of seats
Jan 19-25, 2017	Rs. 1250/- only	Max 30 (on first cum first basis)

**Last date of registration: Jan 15, 2017**  
**For application and further information  
Please contact**  
Dr. NK Vishvakarma (Course Coordinator)  
[naveenvishva@gmail.com](mailto:naveenvishva@gmail.com) +91-9415255586  
Dr. D Shukla (Course Coordinator)  
[sdhannu@gmail.com](mailto:sdhannu@gmail.com) +91-9479214977

### Brochure on Animal Cell Culture: Techniques and Applications



### Details of Event Proceedings

Date (DD-MM-YYYY)	Details of the Session	Details of Resource Person	Number of Participants
19-01-2017	Technical Session - I (Invited Lecture), Technical Session - II (Lab Session)	Prof. PK Patra, Director, Pt J.N.M. Medical College, Raipur, Dr. Naveen Kumar Vishvakarma, Dr. Dhananjay Shukla, Dr. Renu Bhatt, GGV, Bilaspur	30
20-01-2017	Technical Session - III (Presentations), Technical Session - IV (Lab Session), Technical Session - V (Lab Session )	Dr. Naveen Kumar Vishvakarma, Dr. Dhananjay Shukla, Dr. Renu Bhatt, Dr. Harit Jha, GGV, Bilaspur	30
21-01-2017	Technical Session - VI (Presentations), Technical Session - VII (Invited Lecture), Technical Session - VIII (Invited Lecture), Technical Session - IX (Lab Session)	Dr. Yogendra Padwad , Principal Scientist, CSIR- IHBT; Dr. P. Jayamurthi, Scientist, CSIR- NIIST, Dr. Naveen Kumar Vishvakarma, Dr. Dhananjay Shukla, Dr. Renu Bhatt, Dr. Alka Ekka, GGV, Bilaspur	30
22-01-2017	Technical Session - X (Presentations), Technical Session - XI (Lab Session ), Technical Session - XII (Lab Session )	Dr. Naveen Kumar Vishvakarma, Dr. Dhananjay Shukla, Dr. Renu Bhatt, Dr. Ajay Amit, GGV, Bilaspur	30
23-01-2017	Technical Session - XIII (Presentations), Technical Session - XIV (Invited	Dr. VN Tripathi, Assistant Professor GGU, Bilaspur, Dr. Naveen Kumar Vishvakarma, Dr.	30



	Lecture), Technical Session - XV (Lab Session), Technical Session - XVI (Lab Session)	Dhananjay Shukla, Dr. Renu Bhatt, GGV, Bilaspur	
24-01-2017	Technical Session - XVII (Presentations), Technical Session - XVIII (Invited Lecture), Technical Session - XIX (Lab Session), Technical Session - XX (Lab Session), Technical Session - XXI (Invited Lecture)	Dr. Sudhir Pandey, Assistant Professor GGU, Bilaspur, Dr. Naveen Kumar Vishvakarma, Dr. Dhananjay Shukla, Dr. Renu Bhatt, GGV, Bilaspur	30
25-01-2017	Technical Session-XXII (Knowledge Assessment), Technical Session-XXIII (Invited Lecture), Technical Session-XXIV (Invited Lecture), Technical Session-XXV (Feedback Session), Valedictory Function and Certificate distribution	Dr. Naveen Kumar Vishvakarma, Dr. Dhananjay Shukla, Dr. Renu Bhatt, Dr. Archana Bhaskar, GGV, Bilaspur	30

**A Brief Abstract of the Event (Maximum 500 Words):**

Workshop on Animal Cell Culture: Techniques and Applications was organised by Department of Biotechnology, Guru Ghasidas Vishwavidyalaya (GGV), Bilaspur from 19<sup>th</sup> to 25<sup>th</sup> January 2017. Workshop was inaugurated in gracious presence of Hon'ble Vice Chancellor of Guru Ghasidas Vishwavidyalaya Prof. Anjila Gupta and chief guest of function was Prof. PK Patra, Director, Pt JNM Medical College, Raipur. Special Guest of Honour was Prof. BN Tiwary, Registrar, GGV. Dr. Renu Bhatt was Convenor of the workshop while Dr. Dhananjay Shukla and Dr. Naveen Vishvakarma were Organizing Secretary cum Course coordinator of the Workshop. As per strength of the workshop, a total 30 seats were included with a fee of Rs. 1250/- per candidate on first cum first serve basis. However, over 150 applications/queries were received by organizers by aspiring



participants. Application/queries received were from University/College level teachers, Scientists working at national research institutes, Post-Doctoral Researchers, Doctoral researchers, M.Sc. Students and UG Students across India. A total 30 candidates were selected which includes Teachers, Postdoctoral as well as doctoral researchers and PG Students. More than 20 technical sessions were planned for workshop including invited lectures, participants' presentation, lab session for handling of instruments and experiments, doubt clearing sessions, knowledge assessment session and Feedback session about the workshop. Handbook of the workshop on essential protocols related to animal cell culture was uncovered by Chief Guest Prof. Patra and Convenors of the workshop. A copy of this handbook was distributed to all participants in their registration kit including a folder bag, note pad, pen. An excellent lecture was given by chief guest for inaugural function Prof. PK Patra, Director, Pt J.N.M. Medical College, Raipur on medical application of Autologous PDGF-based preparation for healing of calcitrant wound. Participants were introduced to animal cell culture lab by organizing secretaries cum course coordinators along with other experts available in the department (Dr. Harit Jha, Dr. DK Parihar, Ms. Alka Ekka, Dr. Archana Bhaskar, Dr. Ajay Amit, Dr. Rajesh Anand). Participants were trained about handling and maintenance of various instruments and tools used for animal cell culture purposes. They were given theoretical as well as handing/operational knowledge of these commonly used instruments and tools. On seventh day knowledge assessment session was conducted in the morning. In this Participants were given question paper consisting of multiple choice question and subjective type questions based on the theoretical and lab session conducted from first day of workshop. Feedback session was organized in which the participants were given feedback form and asked to express their views and experiences about the knowledge they gained in the workshop. After technical sessions of the last day, participants were called again for valedictory and certificate distribution ceremony.



**Handbook of the workshop on essential protocols related to animal cell culture was uncovered by Chief Guest Prof. Patra and Convenors of the workshop**

**गुरु घासीदास विश्वविद्यालय**  
(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)  
कोनी, बिलासपुर - 495009 (छ.ग.)



**Guru Ghasidas Vishwavidyalaya**  
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)  
Koni, Bilaspur - 495009 (C.G.)



**Participants with organizing team of the workshop**

*Abhatt*

**विभागाध्यक्ष, जैव प्रौद्योगिकी विभाग**  
**Head, Department of Biotechnology**  
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)  
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)