

## **Lyallpur Khalsa College, Jalandhar**

### **Notice**

**15.10.2018**

It is for the information of the all the DEO's of the administrative and lab staff that a one day Training Programme on Microsoft Excel is being organized on 21-10-18 , Sunday, in the Computer Department lab. The interested staff should register their names with the Office Superintendent Kanwar Sukhjit Singh by 18.10.18.



Principal

## **Lyallpur Khalsa College, Jalandhar**

### **Notice**

**11.08.2018**

It is for the information of the Clerical Staff that a one day Workshop on Letter Writing is being organized on 17-08-18 in the Seminar Hall above Principal's Office . The interested staff should register their names with the Office Superintendent Kanwar Sukhjit Singh.



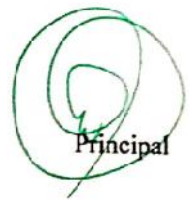
Principal

## **Lyallpur Khalsa College, Jalandhar**

**Notice**

**11.08.2018**

It is for the information of the Gardening Staff that a one day Workshop on Plant Care is being organized on 17-12-18 in the Seminar Hall above Principal's Office. The Gardening Staff is requested to participate in the same for addition to their knowledge. For more details Dr. Simranjit Singh Bains Incharge College Ecology Committee should be contacted.



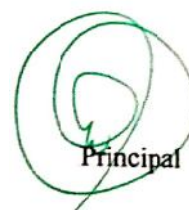
Principal

## **Lyallpur Khalsa College, Jalandhar**

### **Notice**

**19.03.2018**

It is for the information of all the Faculty Members that a one day Workshop on Intellectual Property Rights is being organized on 23-03-19 in the Seminar Hall Computer Block. Faculty members are requested to participate in the same to be aware of IPR and Copyright issues. For more details Dr. Baldev Singh / Dr. Arun Dev Sharma Members College IPR Cell may be contacted.



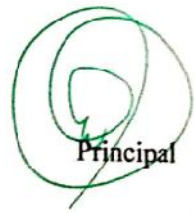
Principal

## **Lyallpur Khalsa College, Jalandhar**

**Notice**

**07.03.2019**

It is for the information of all the Faculty Members that a one day Workshop on case based teaching is being organized in the seminar Hall above Principal's office on 13-03-2019. Faculty members are requested to participate in the same.



Principal



# Faculty Development Programme



## On Computational Statistics and Data Analysis Technically Sponsored by Soft Computing Research Society, New Delhi (Under UGC-CPE) December 19-24, 2018

### About College

Lyallpur Khalsa College, Jalandhar, is one of the most prominent institutions of northern India. It commenced its life journey as a school in 1908 at Lyallpur (now known as Faisalabad, in Pakistan) and then developed into a Degree College in 1926. After its re-establishment in Jalandhar in 1948, the college established itself as a pioneer in the field of higher education. The college is imparting quality education to more than 6000 students including more than 2600 girls and making them competent to meet challenges at global level. The college has been awarded Potential for Excellence status by UGC. This institute is approved under FIST (Level-O category) and has received Star College Status from Ministry of Science and Technology. The college is also re-accredited by NAAC with 'A' grade with CGPA of 3.74 on 4 point scale. The college has a sprawling campus of 28 acres with lush green lawns, well maintained playgrounds, gym, well equipped computerized office, DELNET & INFLIBNET connected library, Wi-Fi campus, separate hostels for boys and girls. The world class infrastructure of the college provides an ideal ambience for high quality educational programmes, making it the first choice of students in professional, vocational, technical as well as traditional courses at Graduate and Post-graduate levels.

### About FDP

In this technology driven era, the field of Computational Statistics and Data Analysis holds great importance. This is an area of paramount interest for a vast range of applications in the industry. The last decade has seen a fast growing activity in the study of computational methods for large heterogeneous data sets. Keeping in mind the usefulness of this topic in the current scenario, the present FDP is designed to cater to this need. This FDP is aimed at honing the teaching & research skills of the faculty, researchers and students. The main objective of this FDP is to enhance the awareness about data analysis and computational / optimization techniques in various domains of Business, Computation, Science & Technology.

### Contents

- Optimization Techniques
- Visualization & Exploratory Analysis
- Inferential Statistics & Regression
- Ant Colony Optimization (ACO)
- Spider Monkey Optimization (SMO)
- Data Analytics Applications
- Statistical Analysis using R
- Multivariate Data Analysis
- Interactive Data Analysis
- Data Analytic Tools
- Machine Learning using R
- Research Topics in Computational Science

### About Resource Persons

The experienced and renowned faculty from South Asian University, Jawaharlal Nehru University, IIT, Thapar University, NIT & Guru Nanak Dev University will be the resource persons.

### Registration Details

1. Registration is mandatory for participation. The interested candidates can download the registration form available at [www.lkc.ac.in](http://www.lkc.ac.in)
2. **Registration Fee:** Rs. 1500 per candidate. The registration fee includes Participation, Course Materials, Lunch for each day and Tea/Coffee during the program.
3. The payment can be sent in one of the following methods:
  - A Demand Draft (DD) in the favor of Principal, Lyallpur Khalsa College, Jalandhar along with its registration form.
  - NEFT in the favor of Lyallpur Khalsa College Account.  
Account Name: Principal, Lyallpur Khalsa College  
Account No: 0714100006816  
Bank: Punjab & Sind Bank  
Branch: Defence Colony, Jalandhar  
IFSC Code: PSIB0000714
4. Scanned copy of duly filled registration form must be sent at [pgdca@lkc.ac.in](mailto:pgdca@lkc.ac.in) by December-11, 2018.
5. The college will not provide any accommodation facility for out-station participants. NO TA/DA will be provided to the participants.

### Who can attend the FDP?

This FDP is interdisciplinary and is open to faculty members, research scholars and students of post graduate classes of Computer Science, Commerce & Management, Mathematics and Engineering & Technology including professionals from industries.

### Venue

P.G. Department of Computer Science & IT  
Lyallpur Khalsa College, Jalandhar

Timings 9:30am to 4:30pm  
(December 19-24, 2018)

### Certificate of Participation

Certificates will be distributed to the participants on day sixth of the Faculty Development Programme.

### Organizing Committee

**Chief Patron**  
Sardarni Balbir Kaur  
President, Governing Council

**Patron**  
Dr. Gurbinder Singh Samra  
Principal, Lyallpur Khalsa College

**Convener**  
Dr. Manohar Singh  
Head, P.G. Dept. of Computer Sc.

**Coordinator**  
Dr. Baldev Singh  
P.G. Dept. of Computer Sc.

**P.G. Department of Computer Science & IT**  
**Lyallpur Khalsa College, Jalandhar (Punjab)**  
Affiliated to Guru Nanak Dev University, Amritsar

Contact: Office: 0181-2241466, 67, 2241465 (Fax), 99150-84585, 94173-88871

Website: [www.lkc.ac.in](http://www.lkc.ac.in)

Email: [pgdca@lkc.ac.in](mailto:pgdca@lkc.ac.in), [ms\\_bodva@yahoo.com](mailto:ms_bodva@yahoo.com)

ATTESTED

Principal  
Lyallpur Khalsa College  
Jalandhar



### **Objectives of the Workshop:**

- To enhance the Teaching skills of new teachers
- To Ensure Quality in Teaching Learning Process
- To Make New Teachers Understand the Needs of Students

### **Thrust Areas:**

- Effective Teaching Learning
- Problems in teaching learning
- ICT and Teaching Learning
- Mentoring of Students
- Mapping the student progress

### **Venue of the Workshop:**

Seminar Hall above Principal's Office

Time : Inauguration 10.00 AM

Tea Break : 11.30- 12.00

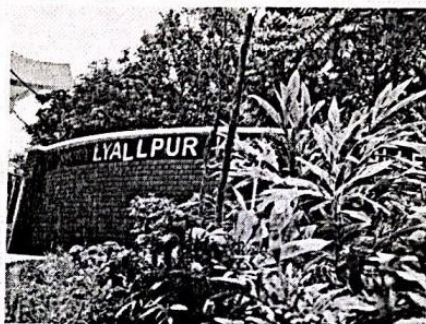
Lunch Break : 1.30-2.00

Last Session: 2.00-4.00

Contact : College IQAC Office / PA to the Principal for participation details

### **Internal Quality Assurance Cell**

## **Lyallpur Khalsa College, Jalandhar**



### **Induction Programme for New Teachers**

**15.07.2018**

ATTESTED

Principal  
Lyallpur Khalsa College  
Jalandhar



### **Objectives of the Workshop:**

- To inform the Teachers of the latest developments in teaching -learning
- To Ensure easy faculty development
- To Make the Teachers Technology Savvy

### **Information Areas:**

- Introduction to online courses
- Agencies offering Online Courses
- How to apply and access e-Content
- Assessment Process
- Outcomes

### **Venue of the Workshop:**

Seminar Hall , Computer Department

Contact : College IQAC Office / PA to the  
Principal for participation details

## **Internal Quality Assurance Cell**

### **Lyallpur Khalsa College, Jalandhar**



**Workshop on Online Courses**  
**27.08.2018**

ATTESTED

Principal  
Lyallpur Khalsa College  
Jalandhar



#### CALL FOR PAPERS:

Original papers are invited from academicians, researchers, historians, economists and those working in the area of agriculture and allied sectors. Sub-themes are only indicative and not exhaustive in nature. The contributor can include any topic falling under the broad umbrella of the main theme.

#### GUIDELINES FOR SUBMISSION OF PAPERS

- The paper should be original and unpublished work of the author.
- Paper should be in MS Word format. No other format will be accepted.
- Font size should be Times New Roman. Font Size 12 (For headings Bold Font Size 14) with line spacing 1.5.
- For Punjabi/Hindi language, papers should be in Anmol Lipi/Kritibodh.
- Submit Abstract and Full papers to the email id [historylkc@gmail.com](mailto:historylkc@gmail.com)
- Manuscript should contain an abstract not exceeding 250 words.
- Length of paper should be about 4000-5000 words, including references.
- First page of the manuscript should include Title of the paper, Name of the Author (s), Name of the Institution, Complete Mailing Address, Email Id and Phone No.
- On the spot submission of full papers is acceptable.
- Proceedings of the Seminar will be published in an edited book bearing ISBN.

#### IMPORTANT DATES

- Last date for receipt of Abstract: 2 March, 2018.
- Please email us: [historylkc@gmail.com](mailto:historylkc@gmail.com)
- Notification of Acceptance: 5 March 2018.
- Registration fee: Rs. 300/-

#### INVITEE SPEAKERS

Dr. B.S. Ghuman, Vice Chancellor, Punjabi University, Patiala; and Vice President, Punjab Development Society.  
Dr. Anju Suri, HoD, Department of History, Panjab University, Chandigarh.  
Dr. Sukhdev Singh Sahal, Former HoD, Department of History and Head, Chair for Study of the Ghadar Movement, Guru Nanak Dev University, Amritsar.  
Dr. Ranjit Singh Ghuman, Professor of Economics, Centre for Research in Rural and Industrial Development (CRRID), Chandigarh.  
Dr. Paramjit Singh, Assistant Professor, Department of Economics, Panjab University, Chandigarh, Recipient of Summer Session Fellowship from Institute of Critical Social Inquiry, The New School, New York (U.S.A) in 2017.  
Mrs. Harjinder Kaur, Progressive Farmer, Randhawa Mushroom Farms, Amritsar.



**CHIEF PATRON:**  
Sardarni Balbir Kaur  
President  
Governing Council



**PATRON:**  
Dr. Gurbinder Singh Samra  
Principal  
Lyallpur Khalsa College

#### CONVENER:

Dr. Karambir Singh  
Ph. No. 9888818301  
Assistant Professor, PG Department of History

#### ORGANISING COMMITTEE

Dr. Suman Chopra, Director, Centre for Historical Studies  
Dr. S.S. Bains, Member, Punjab Development Society  
Dr. Amandeep Kaur  
Prof. Sandeep Kaur

Prof. R.P. Sandeep Kumar Bhagat

Lyallpur Khalsa College  
G.T. Road Jalandhar, Near Bus Stand  
Punjab, India. 144001  
Ph.No 0181-2241465, 66, 67  
[lkcjald@yahoo.com](mailto:lkcjald@yahoo.com)



ICSSR LKC CHS PDS

#### LYALLPUR KHALSA COLLEGE

JALANDHAR (PUNJAB), INDIA

Affiliated to Guru Nanak Dev University, Amritsar  
Re-accredited by NAAC with CGPA 3.74/4 Grade A  
Awarded with Potential for Excellence status by UGC

ORGANISES

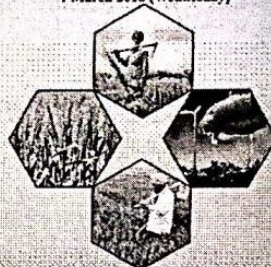


INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH

SPONSORED

#### NATIONAL SEMINAR

"Punjab Agriculture: Emerging Challenges  
and Future Possibilities"  
7 March 2018 (Wednesday)



DR. GURPINDER SINGH SAMRA  
PRINCIPAL

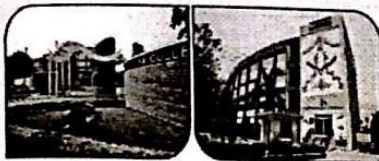
LYALLPUR KHALSA COLLEGE

JALANDHAR -144001

ATTESTED

Principal  
Lyallpur Khalsa College  
Jalandhar





### BRIEF PROFILE OF THE INSTITUTION

- Over 100 years old premier co-educational institution of north India.
- Roots of this great institution go back to the city of Lyallpur (now Known as Faisalabad in Pakistan) where it began its life journey in 1908, first as Khalsa School and then developed into a degree college in 1926.
- After its re-establishment in Jalandhar in 1948, the college established itself as a leader in the field of higher education.
- Strength of college - over 6500 students including around 2600 girls.
- Widest range of courses in five disciplines: Arts, Science, commerce, computers, and Physiotherapy.
- The college has established four research centres: Centre for the Shri Guru Granth Sahib Studies, Centre for Historical Studies, Punjab Centre for Migration Studies and S. Balbir Singh Centre for Science to promote research in these areas.
- The College has been awarded Potential for Excellence Status by UGC.
- Approved under FIST (Level-O Category) and has received Star College Status from Ministry of Science and Technology. DST-FIST Sponsored Biotechnology Department.
- 21 times Champion of Guru Nanak Dev University Overall Sports Trophy.
- Winner of University Overall Cultural Championship.
- 126 University positions in 2017 examinations.
- Fully computerized library with 92000 books in collaboration with DELNET and Infilibnet.
- Well maintained play grounds and gyms
- Separate Wi-Fi equipped hostels for Boys and Girls
- Liberal Concessions and Scholarships for brilliant and needy students.

### Centre for Historical Studies

(Post Graduate Department of History)

One of the distinguished departments of Lyallpur Khalsa College, Department of History was established in 1948. Post Graduate course was started in 1966. At present, Department faculty has been engaged with more than 600 students including undergraduate classes. The department has had the honour of giving the college two Principals - Dr. Pritam Singh Sethi (1994-1997) and Dr. Satish K. Kapoor (2005-2008). Under its ambit, the Department runs a Centre for Historical Studies (CHS). The Centre endeavours to keep itself up-to-date and frequently organises seminars, conferences and symposiums on historical inheritance of India. To guide students in various competitive examinations i.e. Civil Services, UGC/NET, Staff Selection Commission etc., department runs separate Competitive Coaching Classes under the broad-umbrella of Centre for Competitive Examinations and Personality Development of the college. In its annual co-curricular activities - a trip to a place of historical significance and monthly debates on contemporary issues on the subject of History are regular features.

### PLANNING FORUM

Planning forum is a club run under the Post Graduate Department of Economics to enhance students' participation in a variety of activities. The Department of Economics established in 1948 started Post Graduation in 1988 and offered B.Sc. (Economics) in 1991. The department under Planning Forum organizes seminars, roundtables and conferences with active involvement of students. There are around 200 students in the department including B.Sc. and M.A. classes. In academics, our students routinely score university merit positions. The objective of the Planning Forum and the department is to make students self-reliant in the modern world and to create a professional environment conducive to promote teamwork among faculty and students as they strive for excellence.

### PUNJAB DEVELOPMENT SOCIETY

Punjab Development Society is a registered society created in the state of Punjab to facilitate scientific, economic, social and cultural development of north-west India with special focus on Punjab in order to assist the policy making process. The society works towards promoting and co-ordinating research and has collaborated with other governmental and non-governmental organisations, institutions and societies in India and abroad to achieve the same.

### THEME INTRODUCTION

Punjab is known as the breadbasket of India. The state has 5.2% of India's cultivable area but it produces 11% of India's food grains. In central food pool, it contributes about 45% of wheat and 25% of rice production. Punjab's high agricultural productivity and contribution to India's grain self-sufficiency has been facilitated by the Centre's policies aimed at increasing food production through Green Revolution, subsequent public sector investments and efforts by the State government. This half-a-century old revolution is now slowly losing its sheen. At present, Punjab agriculture sector is at crossroads. In fact, it has become a victim of its own success. Cereal-centric and input-intensive approach in its use of land, water and fertilisers pose new challenges which are likely to have alarming repercussions for future. Agriculture needs a new paradigm shift which seeks to get more from less and higher productivity from fewer resources. It is believed that the consequences of agricultural crisis in Punjab are enormous and likely to hit all other sectors and the national economy in many ways. Specifically, it might have adverse affects on food supply, prices of food grains, cost of living, health and nutrition, poverty, employment, labour market, land loss from agriculture and foreign exchange earnings. To sum up, it can be said that agricultural crisis would be affecting a majority of the people in India and economy as a whole in the long run. And therefore, it can be argued that the crisis in Punjab agriculture is a crisis of the country as a whole. Keeping pace with changing trends in social sciences, Centre for Historical Studies, Planning Forum and Punjab Development Society are engaging itself with Contemporary History. Through the proposed seminar, it is expected that an effective thought process will be stimulated.

### SUBTHEMES

- Agriculture in Colonial Era: Raj's Policies and Impact
- Political Economy of Agricultural Reforms in Punjab
- Structural changes in the Punjab's agricultural practices
- Punjab Agriculture in the Global Economy
- Politics of Agrarian indebtedness and suicides
- Marxist Analysis of Punjab Agriculture Crisis
- Depiction of Peasantry in Literature
- Depleting Water Table and Crop Diversification
- Agriculture Budget and Policy
- Exploring Allied Activities
- Agro-Market Reforms

ATTESTED

Principal  
Lyallpur Khalsa College  
Jalandhar