DEPARTMENT OF COMMERCE
In Collaboration with

ISDC
International Skill Development Corporation

IOA
Institute of Analytics
The Global Body for Analytics

presents

FACULTY DEVELOPMENT PROGRAM
ON

DATA ANALYSIS WITH R

APRIL 5TH TO APRIL 9TH
5 PM - 7 PM
ABOUT THE COLLEGE

St. Joseph's College of Commerce (SJCC) was established in the year 1882 and is affiliated to Bengaluru City University, India. The institution offers postgraduate and undergraduate programs to around 3000 students. The institution was offered autonomous status in October 2004 and has a well-established Research Centre. The institution was recognized as a “College with Potential for Excellence” in February 2010 by UGC. St. Joseph's College of Commerce has been Accredited with 'A+' Grade by National Assessment and Accreditation Council (NAAC) during 4th Cycle and obtained the 72nd place in NIRF-MHRD ranking 2020. Since its inception, the institution has been a state-of-art space for commerce education focusing on multi-dimensional academic excellence. The college remains responsive to the significant changes and developments in the field of higher education, as well as in the domain of commerce and business.

ABOUT B.COM DEPARTMENT

The B. Com department of St. Joseph's College of Commerce has a wide range of choices regarding the courses and the opportunities provided to the students is very vast. The challenging curriculum, Experienced faculty, An innovative pedagogy, along with convenient batch timing, aids students in successful completion of not only this Programme but also their professional exams. The convenient batch timing offered to the various batch, helps students to pursue professional courses, internships etc. after their regular classes. The Commerce department aims at making the students capable and industry ready by the time they graduate out of the institution.

ABOUT ISDC

ISDC is a leading Education and Skill Development company with a vision of bridging the global skill gap. The operation includes the various Skill Development Projects, Professional and Vocational Education Activities, International Schools and Colleges, Professional and Corporate Training, Consulting and finally on Research & Development. It is one of the fastest growing education company; having global presence; 44,000 students and over a million of learners on board in over 120 Countries. Being the fastest growing Education Company; ISDC works with many Governments, Leading Universities and Institutions around the world for various Education & Skill Development models, innovative and industry relevant Undergraduate /Postgraduate programs in various disciplines such as Accounting & Finance, IT, Applied Science, Media and Entertainment, Logistics & Supply Chain, Marketing, Analytics, Healthcare ...etc. ISDC is working with an excess of 25 Professional Bodies in UK for their market expansion and growth globally. ISDC is TransNational Education Partner for many UK Universities UK for expanding their global reach. ISDC is the Collaborative Partner of UK Skills Federation which represents the Federation for Industry Sector Skills & Standards, the UK Sector Skills Councils and National Skills Academies.

ABOUT IOA

The Institute of Analytics (IOA) is the Professional Body for Analytics and Data Science professionals in UK and Internationally. IOA is a not-for-profit organisation that exists to promote greater awareness, understanding and innovation in Analytics. IOA is fully supported in their mission by leading organisations in the sector. The Institute of Analytics provides members with the opportunity to network with other professionals in the industry, to learn about career development opportunities, to share knowledge and expertise, to access continuous professional development programmes and to carry the official designation of membership.
ABOUT THE FDP

R is an integrated suite of software facilities and also a powerful language for data collection, manipulation, calculation and graphical display. R provides a wide variety of statistical (linear and nonlinear modelling, classical statistical tests, time-series analysis, classification, clustering, …) and graphical techniques, and is highly extensible.

It includes:
• An effective data handling and storage facility,
• A suite of operators for calculations on arrays, in particular matrices,
• A large, coherent, integrated collection of intermediate tools for data analysis,
• Graphical facilities for data analysis and display either on-screen or on hardcopy, and
• A well-developed, simple and effective programming language which includes conditionals, loops, user-defined recursive functions and input and output facilities.

OBJECTIVES OF THE WORKSHOP

• To give insights of R and its programming environment.
• To guide participants to structure, organize, and clean data using functions and other processes
• To facilitate participants in developing their understanding with concepts like hypotheses framing, testing and theoretical model development
• To provide conceptual facilitation in understanding the output generated by R Programming

RESOURCE PERSON’S PROFILE

DR. VINOD KUMAR MURTI

Dr. Vinod Kumar Murti is an Industry professional turned academician who has vast experience of 17 years in the Engineering Industry and 20 years in academics. Dr. Vinod holds an Engineering degree (B.E.) in Mechanical discipline, an MBA in Finance and Marketing and Ph.D. in Finance. Dr. Vinod is at present associated with IoA (Institute of Analytics), Head-Quartered at London in the capacity of Country Head - India based at Bangalore. He was awarded Saraswati Sewa Puruskar by Lions International Club, Kanpur in the year 2008 for his significant contribution in academics. He has won Second Prize in Best Doctoral Paper Competition in AIMS 10th International Conference held at IIM-Bangalore during 6-9th January 2013. Dr. Vinod loves to share his knowledge about SPSS (Statistical Package for Social Sciences), Minitab, SAS, R, Python, Tableau and Excel and has conducted several workshops/FDPs on Data Analysis. He has been doing Corporate Training on Data Analysis with companies like Accenture, Capgemini, Prudential Global, Hewlett-Packard, Goldman Sachs, ANZ Bank & State Street.
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>05-04-2021</td>
<td>5 PM to 7 PM</td>
<td>R Programming</td>
</tr>
<tr>
<td>06-04-2021</td>
<td>5 PM to 7 PM</td>
<td>Statistical Concepts</td>
</tr>
<tr>
<td>07-04-2021</td>
<td>5 PM to 7 PM</td>
<td>Hypothesis Testing - I</td>
</tr>
<tr>
<td>08-04-2021</td>
<td>5 PM to 7 PM</td>
<td>Hypothesis Testing - II</td>
</tr>
<tr>
<td>09-04-2021</td>
<td>5 PM to 7 PM</td>
<td>Simple Linear Regression</td>
</tr>
</tbody>
</table>
CHIEF PATRON
Rev. Fr. Brian Pereira, SJ, Rector

PATRON
Dr. Daniel Fernandes, SJ, Principal

CHAIRPERSON
Dr. Suganthi Pais, Head of the Department

CONVENER
Mr. Giridhar Naidu

STAFF COORDINATORS
Ms. Sumithra Sreenivasan
Ms. Maria Sanjana

STUDENT COORDINATORS
Mahantesh Kumar
Jibin Jacob

ADVISORY MEMBERS
Dr Thirumoorthy R
Assistant Professor, Department of Commerce
Dyal Singh College, Delhi,

Dr. A. Xavier Mahimairaj
Asst Professor, Department of Commerce,
School of Commerce & Economics,
Loyola College (Autonomous), Chennai

FOR QUERIES CONTACT
Ms. Sumithra Sreenivasan : +91 7259311277
Mahantesh : +91 9538771809
REGISTRATION DETAILS

REGISTRATION FEE

ACADEMICIANS ........................................ Rs. 500 /-
CORPORATE DELEGATES ............................. Rs. 700 /-

Payment proof must be uploaded while registration. The participants can remit the registration fee through Electronic Fund Transfer as below:

<table>
<thead>
<tr>
<th>Name of The Account Holder</th>
<th>Bangalore Jesuit Educational Society</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bank Details</td>
<td>Banglore Jesuit Educational Society</td>
</tr>
<tr>
<td></td>
<td>Bank of Baroda</td>
</tr>
<tr>
<td></td>
<td>Brigade Road Branch</td>
</tr>
<tr>
<td></td>
<td>Brigade Road</td>
</tr>
<tr>
<td></td>
<td>Bangalore - 560025</td>
</tr>
<tr>
<td>Account Number</td>
<td>06650100009876</td>
</tr>
<tr>
<td>NEFT Code</td>
<td>BARB 0 BRIGAD</td>
</tr>
<tr>
<td>IFSC / RTGS Code</td>
<td>BARB 0 BRIGAD</td>
</tr>
<tr>
<td>MICR No.</td>
<td>560012003</td>
</tr>
</tbody>
</table>