XAVIER INSTITUTE OF SOCIAL SERVICE

PROGRAMME OF INFORMATION TECHNOLOGY

ATAL FACULTY DEVELOPMENT PROGRAM (ONLINE) ON "EMERGING TRENDS IN BUSINESS DATA ANALYTICS FOR MANAGERS"

22 NOVEMBER 2021- 26 NOVEMBER 2021

ABOUT INSTITUTION

The Xavier Institute of Social Service (XISS), Ranchi was established in 1955 with the objective of training young men and women in Rural Development and Personnel Management and Industrial Relations. In 1973 the institute was registered as a separate educational society under the Societies Registration Act, 1860. The Institute currently offers courses in five Programs in Management namely Rural Management, Human Resource Management, Marketing Management, Finance, and Information Technology. Along with providing management education, the institute is also involved actively in research, consultancy, and development interventions.

XISS is among the top 20 Business Schools as per the Business Chronicle rating. As far as International collaboration is concerned, XISS is amongst the top 3 B schools and is amongst the top 10 Business Schools in the area of Social Responsibility.

Over 65 years of legacy in Management Education as a premier Jesuit B-school

ABOUT US

Our Vision

We envision a centre of academic excellence towards creating a sustainable society with peace, justice and reconciliation.

Our Mission

To become a leading management school in India by offering a portfolio of academic, research, social involvement and outreach programmes.

Introduction of PGDM-IT Programme

Xavier Institute of Social Service, Ranchi started its journey in the field of Information Technology (IT) in the year 1987 with the installation of a Series- 286 mini-computer with six terminals and a few desktop computers. The primary aim of the institute in teaching courses in Information Technology was to develop business managers, who would be able to play an important part in the Indian and global economies. Companies today rely heavily on IT for fast communications, data processing and market intelligence. IT plays a vital role in every industry, helping companies improve business processes, achieve cost efficiencies, drive revenue growth and maintain a competitive advantage in the marketplace.

Social Project (Urban Social Field Work)

In order to acquire a balanced perspective of the realities and needs of society and to develop sensitivity towards various social and environmental issues, students carry out social fieldwork during the first year of the study. Students organize and participate in various campaigns related to social and environmental issues.

About Programme of Information Technology

Industry Interface

Students visit reputed business organisation during the third and fifth trimesters of their studies, in order to learn business functions and practices.

Curriculum

The Post Graduate Diploma Program in Information Technology (PGDM-IT) has been designed to meet the challenges of rapid changes taking place in the business environment. Students are given adequate exposure in structuring the often unstructured business problems and providing solutions to complex organizational problems. The main thrust is to imbibe a sense of strategic vision towards management problems. The PGDM-IT Programme is divided into six trimesters. The syllabi for the first three trimesters primarily deal with Core Courses, that include a number of courses in different functional areas such as Economics, Finance, General Management, Information Systems, Marketing, Organisational Behaviour, Quantitative Techniques, and Social Orientation. The next three trimesters focus on developing expertise in various functional areas of choice of students by offering a bouquet of Elective Courses.

The Core courses aim at developing analytical, behavioral, communication, and technical skills in students. The courses with Social Orientation aim at sensitizing the students towards social and environmental issues. The Elective Courses have the focus on developing specialized knowledge and skills for managing business processes.

Distinguished Speakers

SESSION-WISE SCHEDULE

Monday
22 November 2021

Dr. Joseph Marianus Kujur, S.J.
Director, Xavier Institute of Social Service, Ranchi

Inaugural Session of ATAL FDP

09:00 am – 09:10 am

Dr. Aloknath De
Missionpreneur, TechCrafter,
SVP/CTO-Samsung India

Inaugural Session: Emerging Trends in Business Analytics

09:15 am – 10:00 am

Dr. Fr. Pradeep Kerketta S.J.
Assistant Director, Xavier Institute of Social Service, Ranchi

Vote of Thanks

10:00 am – 10:05 am

Dr. Swagatam Das
Assistant Professor
Indian Statistical Institute, Kolkata

Evolution of Business Analytics for Data Driven Decision Making
Session I
10:30 am - 12.00 pm

Dr. Pradip Kumar Bala
Professor
IIM Ranchi

Relevance of Data Analytics for Business in Recent Times
Session II
12:15 pm - 1:45 pm

Dr. Anamika Singh
Director
Sinhgad Institute of Management and Computer Application, Pune

Significant Traits of Business Data Analytics for Management Decision Making
Session III
2:30 pm - 04:00 pm

Tuesday
23 November 2021

Mr. Poulastya Mukherjee
Robotics Software Engineer
Düspohl Maschinenbau GmbH, Germany

AI enabled Business Analytics for Industry 4.0

Session I
10:30 am - 12.00 pm

Mr. Indrajit Kar
Head of AI and Advanced Analytics, Product Development, Siemens, Bengaluru

Business Analytics for efficient Business Reengineering Techniques

Session II
12:15 pm - 1:45 pm

Mr. Anindya Chatterjee
Sr. Machine Learning Engineer, Siemens, Bengaluru

Open-Source Applications for efficient Busines Analytics

Session III
2:30 pm - 04:00 pm

Wednesday
24 November 2021

Dr. Siddhartha Bhattacharyya,
Fellow of The Royal Society of Arts, Manufacturers and Commerce, London, UK Principal
Rajnagar Mahavidyalaya

Machine Learning for Business Analytics

Session I
10:30 am - 12.00 pm

Mr. Atul Jawale
Development Manager (MindSphere IIoT (Industrial IoT),
Siemens, Pune

Connecting Business with IoT and Data Analytics

Session II
12:15 pm - 1:45 pm

Mr. Atul Jawale
Development Manager (MindSphere IIoT (Industrial IoT),
Siemens, Pune

Enabling Techniques of Business Analytics for Digital Enterprise

Session III
2:30 pm - 04:00 pm

Thursday
25 November 2021

Dr. Chandrani Singh
Director-MCA Sinhgad Institute of Management, Post Doc Fellow in IT from Lincoln Univ. Malaysia, Incharge STES Sinhgad Data Centre

Business Analytics for Innovation Practices

Session I
10:30 am - 12.00 pm

Dr. Chandrani Singh
Director-MCA Sinhgad Institute of Management, Post Doc Fellow in IT from Lincoln Univ. Malaysia, Incharge STES Sinhgad Data Centre

Enabling Techniques of Business Analytics for Digital Enterprise

Session II
12:15 pm - 1:45 pm

Dr. Hemant Palivela
Associate Vice President - AI and Machine Learning
eClerx

Necessary Tools and Data Visualization for Business Analytics

Session III
2:30 pm - 04:00 pm

Friday
26 November 2021

Mr. Prosenjit Banerjee
Director - Enterprise Architecture (FS GBU - Banking), Oracle, Singapore

Interdisciplinary approaches for Business Data Analytics

Session I
10:30 am - 12.00 pm

Mr. Sunil Kr. Gupta
Asst. General Manager (Retd.),
State Bank of India

Art of living and stress handling with Yoga
Session II
12:15 pm - 1:45 pm

Test Session
Session III
2:30 pm - 3.00 pm

Dr. Mamta Rani Agarwal
Advisor - I, AICTE

Chief Guest's Address
3:08pm - 3:20 pm

Prof. Sushil Ranjan Roy
Associate Professor
Programme of Information Technology
Xavier Institute of Social Service, Ranchi

Rapporteur

Session IV
3:20 pm - 3:50 pm

Mr. Amar E Tigga
Dean Academics, Chief Placement Coordinator, Professor
Programme of Marketing Management
Vote of Thanks
4:00 pm - 4:05 pm

CONTENTS OF FDP TO BE COVERED

- Evolution of Business Analytics for Data-Driven Decision Making.
- Relevance of Data Analytics for Business in Recent Times
- Significant Traits of Business Data Analytics for Management Decision Making
- AI-enabled Business Analytics for Industry 4.0
- Business Analytics for efficient Business Reengineering Techniques
- Open-Source Applications for efficient Busines Analytics
- Machine Learning for Business Analytics
- Connecting Business with IoT and Data Analytics
- Practical Applications of Business Analytics for Innovation Practices Enabling Techniques of Business Analytics for Digital Enterprise
- Necessary Tools and Data Visualization for Business Analytics
- Interdisciplinary approaches for Business Data Analytics
- Art of living and stress handling with Yoga
- Test & Valedictory Session

Targeted Audience

The faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/School Teachers and staff of host institutions.

Registration link

https://atalacademy.aicte-india.org/

Contact details of institute/coordinator

Dr. Mahua Banerjee

Associate Professor and HoP, Programme of Information Technology, Xavier Institute of Social Service, Ranchi

Email: mahuabanerjee2015@gmail.com
Cell: +91 7004715277