



**Five Days (Hybrid Mode)
Faculty Development Program (FDP)
on
" Exploring Computing's New
Frontiers: IoT, Design, AI, Cloud, ML "**

August 21 – 25, 2023



**Organized by:
Department of Computer Science & Engineering
&
Department of Master of Applications**

**Sri Balaji College of
Engineering & Technology,**
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ABOUT SBSS

Sri Balaji Group of Institutions is being patronized by Sri Balaji Shiksha Samiti, Jaipur. Sri Balaji Shiksha Samiti has been serving with a motto "Educating Humanity" under the visionary leadership of Er. Bhagirath Poonia.

ABOUT SBCET

SBCET Jaipur was established in year 2000 with due approval by All India Council for Technical Education (AICTE), New Delhi and affiliation with Rajasthan Technical University (RTU), Kota for Bachelor and Masters Courses in Engineering. SBCET has been offering M. Tech and B. Tech in Computer Science Engineering, Artificial Intelligence, Electrical Engineering, Mechanical Engineering and Civil Engineering and M.C.A.

DEPARTMENT OF COMPUTER SCIENCE & ENGG. & ARTIFICIAL INTELLIGENCE

SBCET established the Department of Computer Science Engineering for B.Tech. in 2000 & Artificial Intelligence in 2021 with a view to groom a team of professionals, The department offers B.Tech. course with sanction intake of 60+60 students. The department has laboratory facilities with modern sophisticated equipment to carry out research in all areas related to CSE & AI.

THE DEPARTMENT OF MASTER OF COMPUTER APPLICATION

The Department of Master of Computer Application was established in the year 2001 with the intake of 60 seats affiliated from RTU and approved from AICTE. The objective of department is producing high quality professionals to meet the demands of emerging fields of Computer Applications.

ABOUT THE FDP

This Faculty Development Program (FDP) aims to provide participants with comprehensive insights into key areas of computer science. It will cover topics like Green IoT and Sustainability, exploring how the Internet of Things can be harnessed for environmentally-friendly solutions. The FDP

will shed light on the future prospects of artificial intelligence and machine learning, emphasizing their impact on various industries. Participants will learn about Design Patterns and Formal Methods for creating robust software systems. Cloud Computing concepts and applications will be explored, focusing on scalability and cost-effectiveness. Lastly, the program will delve into machine learning applications for E-commerce and Streaming services, enabling participants to harness data-driven solutions for enhancing user experiences.

SCOPE & OBJECTIVE OF THE FDP

The scope of this Faculty Development Program (FDP) is to provide participants with comprehensive insights into the latest and emerging research areas in computer science. The program aims to explore and delve into critical topics, including Green IoT and Sustainability, the future of artificial intelligence and machine learning, Design Patterns, Formal Methods, Cloud Computing, and the applications of Machine Learning in E-commerce and Streaming Services. The objectives of the Faculty Development Program (FDP) are to equip participants with knowledge and skills in the following areas: leveraging IoT for sustainable solutions, understanding the future impact of AI and ML on industries and society, adopting design patterns and formal methods in software development, comprehending cloud computing concepts and applications, and exploring machine learning's practical applications for E-commerce and streaming services to enhance user experiences.

DETAILS OF THE FDP

FDP will cover:

- IoT - the good bad and ugly.
- How the future holds for artificial intelligence and machine learning?
- Design Patterns, Formal Methods
- Cloud Computing
- Machine learning applications for Ecommerce and Streaming services

RESOURCE PERSONS

- Dr. Astha Pareek, Professor, IIS University, Jaipur
- Dr. J. Somasekar, Professor, JAIN University Bangalore
- Dr. Mithlesh Arya, Associate Professor, SKIT Jaipur
- Mr. Vipin Jain (Senior Delivery Manager Metacube Software Pvt. Ltd. Jaipur)
- Dr. Ashish Kumar Dwivedi, Assistant Professor, LNMIIT Jaipur

EXPECTED OUTCOMES

Possible Outcomes of FDP are:

- Improved understanding and knowledge of IoT and machine learning concepts, techniques, and tools.
- Improved ability to design, develop, and implement IoT and machine learning applications. Integration of modern technologies and techniques into the curriculum to improve the quality of education in IoT and machine learning.

PARTICIPENTS

- The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from government organizations and industry.
- Seats being offered on first come first served basis.

REGISTRATION FEE

- No Fee

REGISTRATION LINK

[Click Here for Registration](#)

The Mode of FDP is Hybrid (online & offline). E-Certificate will be provided to Participants whose attendance is above 80% & will submit Feedback Form

CHIEF PATRON

- Prof. (Dr.) S. K. Singh,
Honorable Vice-Chancellor, RTU

PATRONS

- Er. Bhagirath Poonia, Chairman, SBSS
- Mr. Jagdish Poonia, Managing Director, SBSS

MANAGING BOARD

- Prof. (Dr.) I.P. Meel, Principal, SBCET
- Prof. (Dr.) Surendra Singh Choudhary, Executive Coordinator, SBSS
- Prof. (Dr.) Chetan Khemraj, Research Coordinator, SBSS

CONVENORS

- Ms. Anjana Poonia (Assoc. Prof., MCA)
- Mr. Shrinath Tailor (HOD, CSE)

NATIONAL ADVISORY COMMITTEE

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- Ms. Hemlata Choudhary (Asst. Professor, MCA)
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- Mr. Sanjay Sharma (CSE)
- Ms. Hemlata Choudhary (Asst. Professor, MCA)
- Ms. Kiran Saini (CSE)
- Ms. Mannu Priya (CSE)
- Mr. Kuldeep Singh Soda (Lab. Tech.)

WEB LINK OF FDP

The web link of the FDP will be shared with all the participants after the registration on their registered mail id.

IMPORTANT DATES

Five Days FDP on

"Exploring Computing's New Frontiers: IoT, Design, AI, Cloud, ML"

21 – 25 August, 2023

CONTACT PERSONS:

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HOW TO REACH THE COLLEGE

Sri Balaji College of Engineering and Technology

[Click Here for Google Map link of SBCET](#)

