



## FIVE DAYS NATIONAL FACULTY DEVELOPMENT PROGRAM SCHEDULE

DAY	SESSION-I 10:00AM to 11:30AM		SESSION-II 12:00PM to 01:30PM		SESSION-III 2:30 PM to 04:00 PM
Day-1 Tuesday (06-11-2021)	Inaugural Session + Guest Lecture (DR.INDRANIL CHATTORAJ, DIRECTOR NML)		DR. SUBASH SINGH Asst. Prof. Dept. of Prod. & Ind. Engg. NIT Jamshedpur		DR. RAJU PD. MAHATO Asst. Prof. SVNIT Surat
Day-2 Wednesday (07-11-2021)	DR.SUDHANSU RANJAN DAS Assoc. Prof., VSSUT Burla	T E A	DR. AMITESH KUMAR Assoc. Prof., NIFFT Ranchi	T E A	DR.S. KARTHIKEYAN Prof. ME ACE TIRUVANNAMALAI
Day-3 Thursday (08-11-2021)	DR.TUSHAR BANERJEE Asst. Prof. Dept. of Prod. & Ind. Engg. NIT Jamshedpur	B R E A	MR. ARVIND PANDEY Program Coordinator & Asst. Prof. Dept. of MCA & BCA School of Eng. & IT AJU Jamshedpur	B R E A	DR.BINOD KR. CHOUDHARY Asst. Prof. School of Engg. And IT ARKA JAIN University Jamshedpur
Day-4 Friday (09-11-2021)	DR. SUSHANTA KR. SAHU Asst. Prof., NIST Berhampur	K	DR. K. MURUGAN Dept. of Mech. Engg. Annmalai University MR. ASHWINI KUMAR Asst. Dean & Asst. Prof. School of Engg. & IT ARKA JAIN University Jamshedpur	K	MR.KULDIP KR SAHU Asst. Prof. School of Engg. And IT ARKA JAIN University Jamshedpur
Day-5 Saturday (20-11-2021)	DR. ASHUTOSH PATTANAİK Dr. Ashutosh Pattanaik Asst. Prof., Jain Univ. Bengaluru		DR. P. C. JENA Assoc. Prof., VSSUT Burla		DR. AMRESH KUMAR (Dean Academic & Prof. NIT Jamshedpur) Assessment Test, Feedback & Valedictory

### TOLL FREE NUMBER

📞 1800 – 1200 – 200

☎️ 0657-2220285 📞 09973846391

**Admission Office :** D-28, Danish Arcade, Opposite Asian Inn Hotel,  
Dhatkidih, Jamshedpur - 831001

**Campus Address:** Opposite Kerala Public School, Mohanpur,  
Gamharia, District Seraikela Kharsawan,  
Jharkhand - 832108

## ABOUT JGI

JGI Group is an education provider and an entrepreneurship incubator in India. The Group successfully operates 85 educational institutions with 51,600 students and 6,450 employees engaged at the K-12, undergraduate and postgraduate levels spread across 64 campuses pan India. A leader in the education sector and a pioneer in the venture sector, JGI Group are constantly in search of new opportunities to expand its horizon.

## ABOUT ARKA JAIN UNIVERSITY

An academic institute ought to set its vision of high noted academic, intellectual and entrepreneurial development. ARKA JAIN University (AJU), Jamshedpur is committed to human development at all levels through education and entrepreneurship. It provides quality education thereby creating human assets for the nation and the globe as well. AJU is a premier private university of Jharkhand with a venerable legacy of the JGI group sprinting ahead for national acclamation for noted academic standards, diverse educational programs, distinguished faculties, varied co- curricular activities and state-of-the-art infrastructures. The University is on the way to sustain the acclaimed standards and best practices in higher education. It is committed to nation building and unflinching adherence to universal university human values. The sprawling university spreads across 25 acres of lush green land leaving no stone unturned in providing state-of- the-art facilities in various sectors including education, sports, entrepreneurship, research, and other academic ventures. The campus of the University is situated at Mohanpur, Gamharia, Dist: Seraikela – Kharsawan, 13 km from the steel city, Jamshedpur. Popularly known as Katanagar, named after the visionary industrialist Shri J.N.Tata, founder of TATA Groups. The magnificence of the university lies in the enhancement of various courses with leaps and bounds. ARKA JAIN University aids each.

## ABOUT ENGINEERING & IT

AJU School of Engineering & Information Technology is established with an aim to provide quality education and entrepreneurship development. ARKA JAIN University is an intellectual destination that draws inspired students from diverse background. AJU Bachelor of Technology (B.Tech) is an AICTE approved professional Engineering under graduate degree of 4 Years duration program offered in 5 different disciplines. Our B.Tech program offers a variety of programs that involve theoretical and practical learning in equal measure. It is one of the most preferred courses and in great demand by the students looking forward to mould their interest and ambition not only in India but for vacancies abroad aiming for lucrative career. As this professional course has made developments & created numerous opportunities in the field of engineering and information Technology. The university is committed to provide excellent Academic curriculum, Laboratory facilities, Workshops, Seminars, Assignments, Industrial visits, and Opportunities for various Experiments, Research and Placement support.

## REGISTRATION

No Registration Fee

Selected Participants Should Attend Programme for the entire duration through online(Virtual Mode)

E-Certificate will be provided for all the participants upon the successful completion of the program.

80% participation attendance and minimum of 60 percentage marks from the final evaluation test

## IMPORTANT DATE

Last Date for Registration: 12.11.2021

## REGISTRATION LINK

<http://sur.li/anpin>

## QR CODE FOR REGISTRATION FORM



## CHIEF PATRON

Prof. (Dr.) S.S. Razi, V.C AJU

## ADVISORY COMMITTEE

Mr. Jasbir Dhanjal, Registrar, ARKA JAIN University

Dr. Angad Tiwary, Dean Student Welfare, ARKA JAIN University

Mr. Arvind Kumar, Programme Co-ordinator, ARKA JAIN University

## CONVENOR

Mr. Ashwini Kumar, Asst. Prof, ARKA JAIN University

Email – [ashwini.kumar@arkajainuniversity.ac.in](mailto:ashwini.kumar@arkajainuniversity.ac.in) | Mob. – 8210353795

## CO-ORDINATOR

Mr. Kuldip Kumar Sahu, Asst. Prof, ARKA JAIN University

Email – [kuldip.s@arkajainuniversity.ac.in](mailto:kuldip.s@arkajainuniversity.ac.in) | Mob. – 8709345243

Mr. Mukesh Kumar Sharma, Asst. Prof, ARKA JAIN University

[mukesh.s@arkajainuniversity.ac.in](mailto:mukesh.s@arkajainuniversity.ac.in) | Mob. – 9040875250/8249212912

## ORGANIZING COMMITTEE MEMBER

Dr. Anupam Kumari, Asst. Prof, Dept of Engineering, ARKA JAIN University

Dr. Chandrababha Sahu, Asst. Prof. Dept of Eng. ARKA JAIN University

Mr. Nivedan Mahato, Asst. Prof., Dept of Eng., ARKA JAIN University

Mr. Kumar Shubham, Asst. Prof., Dept of Eng., ARKA JAIN University

Dr. Binod Kumar Choudhary, Asst. Prof, Dept of Eng., ARKA JAIN University

Mr. Syed Rashid Anwar, Asst. Prof., Dept of Eng., ARKA JAIN University

## ABOUT THE NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAMME

This FDP focuses on state of the art in cutting-edge manufacturing techniques such as cryogenic machining, biocompatible coatings on cutting tools; Hybrid EDM, Industrial Robotics; Metal additive manufacturing, and effective teaching methods. The program includes elaborated in-depth lectures with experts from industry, R&D, and reputed academic institutions apart from practice and demo sessions using modern tools and techniques. This FDP will provide an opportunity for the participants to share their experience and knowledge.

The objective of this course is to highlight the opportunities and developments in the field of modern manufacturing and it is also to bring the different experts, academia, and professionals to share their views. The lectures and interactive Sessions are planned in such a way that participants will get benefitted by attending this workshop and realized through acquiring comprehensive knowledge on various opportunities and challenges faced while working in the field of manufacturing and material processing. This online FDP will be useful for faculties, students, and professionals from different disciplines.



### CHIEF GUEST

**Dr. Indranil Chatteroj**

Director NML Jamshedpur



### GUEST OF HONOR

**Dr. Amaresh Kumar**

Dean Academic & Prof. NIT Jamshedpur

## TOPICS COVERED

- Recently Developed Manufacturing Processes
- Role and contribution of Manufacturing for development of Nation.
- Development of New advanced materials useful in Aerospace, Defence and Automobiles field.
- Recent advancements in 3-D printing technology
- Development of new Coating technologies.
- Introduction of advanced Material Characterisation techniques.
- Smart Materials
- Role of Manufacturing in Industry 4.0
- IOT and Machine Learning.
- Composite Materials.
- Industrial Robotics.
- CAD/CAM



**ARKA JAIN  
University**  
Jharkhand (Jamshedpur)

## NATIONAL LEVEL FIVE DAYS

## FACULTY DEVELOPMENT PROGRAMME

(VIRTUAL MODE)

November 16th – 20th, 2021



## Recent Development in Manufacturing Technology (Virtual Mode)- 2021

ORGANIZED BY

**SCHOOL OF ENGINEERING & IT**

Department of Engineering  
ARKA JAIN University Jharkhand

## VISION & MISSION OF THE UNIVERSITY

### VISION

To be among the best of the institutions for engineers and technologists with attitudes, skills and knowledge and to become an epicenter of creative solutions.

### MISSION

To achieve and impart quality education with an emphasis on practical skills and social relevance.

### RESOURCE PERSON

Session will be handled by eminent Persons from reputed institutes and Industries.

### INTERNAL RESOURCE PERSON:

Mr. Ashwini Kumar, Programme Co-ordinator (B. Tech and Polytechnic), AJU

Dr. Anupam Kumari, Assistant Professor, Department of Engg, AJU

Mr. Kuldip Kr. Sahu, Assistant Professor, Department of Engg, AJU

Mr. Nivedan Mahato, Assistant Professor, Department of Engg, AJU

Mr. Mukesh kr. Sharma, Assistant Professor, Department of Engg, AJU

Dr. Ashok Kumar, Assistant Professor, Department of Engg, AJU

Mr. Raj Abhishek, Assistant Professor, Department of Engg, AJU

Mr. Naresh Sharma, Assistant Professor, Department of Engg, AJU

Dr. Binod Kumar Choudhary, Assistant Professor, Department of Engg, AJU

### EXTERNAL RESOURCE PERSON:

Director, NML Jamshedpur Chief Guest cum speaker

Dr. (Prof.) Amaresh Kumar, Dean Academic, NIT Jamshedpur

Dr. Raj Ballav, Assoc. Prof., P&IE NIT Jamshedpur

Dr. Subhash Singh, Asst. Prof., P&IE NIT Jamshedpur

Dr. Tushar Banerjee, Asst. Prof., P&IE NIT Jamshedpur

Dr. Raju Prasad, Asst. Prof., SVNIT Surat

Dr. Sudhanshu Ranjan Das, Assoc. Prof., VSS Univ. Of Tech. Burla, Sambalpur

Dr. Sushanta Kr. Sahu, Asst. Prof., NIST (Auto.), Berhampur Odisha

Dr. Ashutosh Pattanaik, Asst. Prof, Jain University, Bengaluru

Dr. Amrithes Kumar, Assoc. Prof, NIIFT Ranchi

Dr. Karthikeyan S Prof. ACE, Tiruvannamalai