

ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON

TEACHING METHODOLOGY AND INDUSTRY 4.0

*Affiliated to Jharkhand University of Technology (JUT) Ranchi ,and Approved
by AICTE Govt.of India, New Delhi*

25th JANUARY – 1ST FEBRUARY 2021

SHRI TARSHEM SINGH

CHIEF PATRON AND PRESIDENT OF GGES, BOKARO

SHRI. S. P . SINGH

PATRON AND SECRETARY OF GGES,BOKARO

PROF.(DR.) PRIYADARSHI JARUHAR

DIRECTOR ,GGSESTC, AND PRINCIPAL CONVENOR



**PROF.(DR.) BIKASH GHOSHAL, PROFESSOR AND
ADVISOR**

PROF.(DR). RAMESH CHANDRA RATH
Dean (R&D)

ORGANIZING SECRETARY

DR. AVINASH KUMAR (Convener)

Dean (Academics and Administration)

DR A.P. BURNWAL

HOD, BSH and Co-coordinator



VENUE : GGSESTC, KANDRA, CHAS, BOKARO, JHARKHAND - 827013

Organized by IQAC ,GGSESTC, Chas, Bokaro and Sponsored by GGES , Bokaro Steel City , (JH) FDP Registration Link:



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25th JANUARY – 1ST FEBRUARY 2020

About the Faculty Development Program (FDP)

First Industrial revolution marked with the beginning of modern manufacturing practices. Dating back around 1760, the first Industrial Revolution the transition to new manufacturing processes using water and steam. It was beneficial in terms of increased production and creating a better standard of living by mechanization of power and hence the birth of engineering profession.

The second Industrial Revolution began in 19th century through the discovery of electricity and assembly line production. Mass production was the theme and manufacturing process was significantly faster at low cost.

The third industrial revolution began in the 70s in the 20th century through partial automation using memory-programmable controls, robots and computers. Due to this technology we are now able to automate the entire production process-without human assistance. We are currently implementing the fourth industrial Revolution. This is characterized by the application of information and communication to industry and is also known as industry 4.0. This is based on cyber-physical production systems and smart factories. In which production systems, components and people communicate via a network and production is nearly autonomous.

This present faculty development programme is a serious attempt to give emphasis on industry 4.0 needs and incorporate the same in teaching methodology. As GGSESTC, Kandra, Bokaro is situated in the most industrialized region of country, has responsibility to support the industry of the region .

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GURU GOBIND SINGH EDUCATIONAL SOCIETY'S TECHNICAL CAMPUS

(An Engineering & Management College)

Affiliated to Jharkhand University of Technology (JUT), Ranchi & Approved by AICTE, Min. of HRD, Govt. of India, New Delhi

BOKARO, JHARKHAND

AN INVITATION TO

ONE WEEK FACULTY DEVELOPMENT PROGRAMME

ON

“TEACHING METHODOLOGY AND INDUSTRY 4.0”

From: 25TH JANUARY – 1ST FEBRUARY 2021 (TIME : 11 AM- 1.30 PM and 2.30:30 AM -4:30 PM)

Dear Sir / Madam,

It is my/our immense pleasure and privilege to invite you the above said Faculty Development Program (FDP) which will be held on 25th January 2021- 1st February 2021 in our institution premises. I solicit your kind presence on the above said occasion.

Prof.(Dr.) Ramesh Chandra Rath
Organizing Secretary IFDP)

Prof.(Dr.) Priyadarshi Jaruhar
Director, GGSESTC

ONE WEEK PROGRAMME FOR FDP

DAY I INAGURAL SESSION 25 JANUARY 2021 11:00 AM – 11:30 AM

11,A.M Guest Arrival

11.00 A.M -11:05P.M National Anthem

11 .05 AM -11.10 Lighting of Sacred Lamp by Delegates

11.05 AM -11.10 AM [Inaugural Speech)

SHRI TARSEM SINGH JI

PRESIDENT GGES ,BOKARO –CUM-CHIEF PATRON IFDP



11.10 AM-11,20 AM

SHRI . S. P. SINGH JI (Presidential Speech)

SECRETARY GGES –CUM- PATRON

11.10 AM -11 .15 AM (Welcome Speech)



PROF.(DR.) PRIYADARSHI JARUHAR

Chairperson

DIRECTOR, GGSESTC,CHAS,BOKARO



12.30 PM-1 .00 P.M (Vote of Thanks)

PROF. (DR.) RAMESH CHANDRA RATH

(ORGANIZING SECRETARY and Coordinator)

Dean (R&D) and HOD – MBA, GGSESTC

Chas, Bokaro, Jharkhand



DAY I TECHNICAL SESSION 25th JANUARY 2021 11:30 AM– 1.:30 PM

11,30 A.M -12.00P.M

PROF.(DR.) PRIYADARSHI JARUHAR

Chairperson

DIRECTOR, GGSESTC,CHAS,BOKARO



12.P.M -12.30.PM

PROF.(DR). BIKASH GHOSHAL

Co-Chair Person

Professor and Advisor (FDP) , GGSESTC

Chas, Bokaro, Jharkhand



12.30 PM-1 .00 P.M

PROF. (DR.) RAMESH CHANDRA RATH

(ORGANIZING SECRETARY and Coordinator)

Dean (R&D) and HOD – MBA, GGSESTC

Chas, Bokaro, Jharkhand



1.00 PM-1.30 PM

Dr. AVINASH KUMAR

Convenor FDP

Dean (Academics), GGSESTC

Chas, Bokaro, Jharkhand



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ONE WEEK PROGRAMME FOR FDP

DAY -5 VELEDATORY SESSION 1ST FEBRUARY 2021 11:00 AM – 11:30 AM

11.A.M Guest Arrival

11.00 A.M -11:05 P.M National Anthem

11 .05 AM -11.10 Lighting of Sacred Lamp by Delegates

11.05 AM -11.10 AM [Inaugural Speech)

SHRI TARSEM SINGH JI

PRESIDENT GGES ,BOKARO –CUM-CHIEF PATRON IFDP



11.10 AM-11.20 AM

SHRI . S. P. SINGH JI (Presidential Speech)

SECRETARY GGES –CUM- PATRON



11,20 AM-11.25 AM(Welcome Speech)

PROF.(DR.) PRIYADARSHI JARUHAR

Chairperson

DIRECTOR, GGSESTC,CHAS,BOKARO



11.25 AM-11.30 AM (Vote of Thanks)

PROF. (DR.) RAMESH CHANDRA RATH

(ORGANIZING SECRETARY and Coordinator)

Dean (R&D) and HOD – MBA, GGSESTC

Chas, Bokaro, Jharkhand



DAY I TECHNICAL SESSION 1st FEBRUARY 2021 11:30 AM– 1.:30 PM

11.30 A.M -12.00P.M

PROF.(DR.) PRIYA DARSHNI JARUHAR

Chairperson

DIRECTOR, GGSESTC,CHAS,BOKARO



12.P.M -12.30.PM

PROF.(DR). BIKASH GHOSHAL

Co-Chair Person

Professor and Advisor , GGSESTC

Chas, Bokaro, Jharkhand



12.30 PM-1 .00 P.M

PROF. (DR.) RAMESH CHANDRA RATH

(ORGANIZING SECRETARY and Convenor)

Dean (R&D) and HOD – MBA, GGSESTC

Chas, Bokaro, Jharkhand



1.00 PM-1.30 PM

Dr. AVINASH KUMAR

Convenor FDP

Dean (Academics), GGSESTC

Chas, Bokaro, Jharkhand



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RESOURCE PERSONS FOR FDP

INTERNAL RESOURCE PERSONS

PROF.(DR.) PRIYADARSHI JARUHAR
PRINCIPAL CONVENOR
DIRECTOR, GGSESTC, CHAS, BOKARO



PROF.(DR.) BIKASH GHOSHAL
Co-Chair Person
Advisor , GGSESTC
Chas, Bokaro, Jharkhand



PROF. (DR.) RAMESH CHANDRA RATH
(ORGANIZING SECRETARY)
Dean (R&D) and HOD – MBA, GGSESTC
Chas, Bokaro, Jharkhand



INTERNAL RESOURCE PERSONS

Dr. AVINASH KUMAR
Convenor FDP
Dean (Academics), GGSESTC
Chas, Bokaro, Jharkhand



PROF.(DR.) A.P BURNWAL
Head Of Dept. of BSH ,GGSESTC, Bokaro
(Programme Coordinator)
Vote of Thanks



Organizing Committee COORDINATORS

- ❑ Prof. Rohi Prasad HOD (ME)
- ❑ Prof. (Mrs.) Rajashree Nayak (Civil)
- ❑ Prof..Goutam Kumar (ECE)
- ❑ Prof. Bhaskar Nand(CSE)
- ❑ Prof.(Dr,) Avinash Kumar (EE/EEE)
- ❑ Prof.(Dr.) Arun Prasad Burnwal (BSH)
- ❑ Prof.(Dr.) Ramesh Chandra Rath (MBA)
- ❑ Prof.(Dr,) Rajeev Kant (TPO)
- ❑ Mr. Gurmel Singh (Admin.)
- ❑ Mr. Anil Kumar Singh (IT Manager)

EXTERNAL RESOURCE PERSONS

- ❑ Dr. PV Durge Professor, Civil Engineering, Mauli Engineering College, Shegaon, Buldana Maharashtra
- ❑ Dr. Lakhwinder Pal Singh (Mechanical Engineering) Principal, Golden Group of Institutions, Gurdaspur (Punjab)
- ❑ Dr Mahendra Kumar, Associate Professor, Electrical & Electronics Engineering, Guru Kashi University, Talwandi saboo, Bhatinda (Punjab)
- ❑ Dr Parwinder Singh, Professor & Director MBA, Desh Bhagat University, Mandi Govindgarh (Punjab)

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ONE WEEK PROGRAM SCHEDULE FOR IFDP

25th January 2021 (Inaugural Session)

Time from 11 AM to 1,30 PM

[Technical Session :-1

27.01.2021 Presentation by Department of CSE

28.01 2021 Presentation by Department of EE/EEE and BSCH

29.012021 Presentation by Department of ME

30.01.2021 Presentation by Department of ECE and Civil

01.02 .2021 Presentation by Department of MBA

Time from 2.30 PM-4.30 PM

[Technical Session :-II

27.01.2021 Presentation by Department of CSE

28.01 2021 Presentation by Department of EE/EEE and BSCH

29.012021 Presentation by Department of ME

30.01.2021 Presentation by Department of ECE and Civil

01.02 .2021 Valedictory Ceremony (2 PM to 3 PM)

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