ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
("ವಿ ಟಿ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)
VISVESVARAYA TECHNOLOGICAL UNIVERSITY
(State University of Government of Karnataka Established as per the VTU Act, 1994)"Jnana Sangama" Belagavi-590018, Karnataka, India)

Prof. B. E. Rangaswamy, Ph.D.
REGISTRAR

Phone: (0831) 2498100
Fax: (0831) 2405467

REF: VTU/BGM/BOS/FDP/2023-24/ 3728 DATE: 31 OCT 2023

CIRCULAR

Dear Sir,

Subject: Three-day FDP on Introduction to Modeling and Design for Manufacturing-Regarding...

With reference to the subject cited above, I wish to bring to your kind notice that the three-day FDP on "**Introduction to Modeling and Design for Manufacturing**" will be conducted in the following regions of VTU for mechanical engineering and its allied branches. The aforementioned course is a prescribed core course for 3rd semester Mechanical Engineering and its allied branches for all VTU affiliated colleges, and hence it is intended to train the master trainers by the **experts from Autodesk**. The details of the hosting colleges and training schedule are as shown below:

FDP Dates	Region	Name of the hosting college	Program Convener
6th, 7th and 8th Nov 2023	Mysuru	ATME College of Engineering, Mysore	**Dr. Chethan S,** Mob: 9535844988
	Mangaluru	A J Institute of Engineering & Tech, Mangalore	**Dr. Rajesh Rai,** Mob: 9449451916
	Belagavi	Jain College of Engineering Belagavi	**Dr. B V Hubballi** Mob: 8073627581
	Bengaluru	Atria Institute of Technology, Bangalore	**Dr. Venkategowda C** Mob: 9964360346
	Bengaluru	RNS Institute of Technology, Bangalore	**Dr. Mukesh Patil** Mob: 9900382042
	Kalburgi	VTU PG Centre, Kalburgi	**Dr. Babu Reddy** Mob: 9844419905

I, therefore, inform all principals to depute a maximum of two faculty members from the above relevant discipline. Faculty who are participating are advised to contact the program convener for further details on FDP.

Encl: FDP Brochure/s college wise

Sd/-
REGISTRAR

To,

- **Principals of all engineering colleges under the ambit of the university**
- **Chairpersons of the university departments**

Copy to

- The Hon'ble Vice-Chancellor through the Secretary to VC for information
- The Registrar (Evaluation) for information and needful
- The Chairperson Board of Studies Mechanical Engineering for information
- The Program Convener/s for information
- The Director, ITI SMU, VTU Belagavi for information and make arrangements for uploading the notification on the VTU web portal.
- The office copy

Yours faithfully

31/10/23

REGISTRAR

REGISTRATION FORM

Five Day Faculty Development Program on

"Introduction to Modelling and Design for the Manufacturing using Fusion 360 by AUTODESK"

In association with

Medini Technologies

AUTODESK Business partners

Date: 4th to 8th Dec 2023

Name:……

Designation:……

Department:……

College/Organization:

……..

……..

Contact Address:……

……

……..……..……

.

Mobile Number: ……

E-Mail:……

Declaration

All the above information are true to my knowledge and I will attend the FDP for the entire duration.

Signature of the Participant

Chief Patrons

Dr. Chenraj Roychand
Chairman,Jain Group of Institutions, Bangalore
Sri Achalchand Jain
President, Jain Group of Institutions, Davanagere
Dr. Vidyashankar S
Hon. Vice Chancellor, VTU, Belagavi

Patrons

Dr. B.E. Rangaswamy
Registrar, VTU, Belagavi
Dr. T.N Sreenivasa
Registrar (Evaluation), VTU, Belagavi
Dr. Ganesh D B
Principal & Director
Jain Institute of Technology, Davanagere
Dr. Manjappa Sarathi
Advisor, Jain Group of Institutions

Convener

Dr. Rajaneesh N Marigoudar
Professor & Head, Dept. of Mechanical, JITD

Coordinators

Dr. Sreenivasa R
Asst. Professor, Dept. of ME, JITD
Mr. Shivayogi B H
Asst. Professor, Dept. of ME, JITD
Mr. Veeresh Kumar K S
Asst. Professor, Dept. of ME, JITD

Programme Committee

Dr. Madhukeshwara. N
Dean Academics, JITD
Dr. Ramesh R S
Assoc.Prof., Dept. of ME, JITD
Mr. Muralidhar S
Asst. Professor, Dept. of ME, JITD
Mr. Nagaraj K U
Asst. Professor, Dept. of ME, JITD
Mr. Madhu H T
Asst. Professor, Dept. of ME, JITD
Mr. Manjunath A R
Asst. Professor, Dept. of ME, JITD

Resource Persons:

Mr. Maruthi G V
Medini Technologies, Bangalore

Arka Educational & Cultural Trust (Regd.)

JAIN INSTITUTE OF TECHNOLOGY DAVANAGERE

(A Unit of Jain Group of Institutions, Bangalore)
Approved by AICTE, New Delhi, Recognized by Government of Karnataka, Affiliated to VTU, Belagavi

Five Days Faculty Development Program on

"Introduction to Modelling and Design for the Manufacturing using Fusion 360 by AUTODESK"

(As per VTU Syllabus 2022 Scheme for 3rd Sem BMEL305)

In association with

Medini Technologies

AUTODESK Business partners

Supported by

Visveswaraya Technological University, Belagavi

Sponsored by

Indian Society for Technical Education

Date: 4th to 8th Dec 2023

Organized By:

Department of Mechanical Engineering JIT, Davanagere

Venue: Auditorium
Jain Institute of Technology, Davanagere

About Institute:

JIT is one of the best developing engineering colleges of Davanagere and is located adjacent to Pune Bangalore National Highway. It is established in the year 2011, Approved by AICTE, New Delhi, Recognized by Government of Karnataka, affiliated to VTU, Belagavi and Accredited by NBA. JIT is 7 Kms from Davanagere Railway Station. It has lush green campus spread across 16 Acres land, attached with Lake. The institute offers 6 UG programs 1 PG program among them Computer Science & Engineering, Electronics & Communication Engineering and Electrical & Electronics Engineering programs are accredited by NBA. The College has excellent infrastructural facilities that include spacious class rooms attached with tutorial rooms, Well-equipped Laboratories, Workshops, Drawing Halls, Seminar Halls, Digital Library, Staff Rooms, Computer Center, Browsing Centre with high speed internet connectivity, Girls & Boys Common Room, Canteen, Transportation and reprographic facility to the students etc, well experienced & dedicated faculty members, a strong students mentorship program.

About Department:

Department of mechanical engineering is one of the core branches of JIT started in the year 2011. The facilities of the department are well qualified and belong to different specializations like production engineering, thermal engineering and design engineering. It provides an outstanding learning environment through various activities like innovative projects, experiential learning, peer learning, industry-institute interactions, research at UG level and hackathons. The department has various clubs through which the students carry out projects of societal, technological and environmental impact.

The presence of a dedicated Research and Development (R&D) center underscores the department's dedication to cutting-edge research, fostering industry collaboration, and pushing the boundaries of innovation.

About Autodesk Inc.

Autodesk, Inc. is an American multinational software corporation that makes software products and services for the architecture, engineering, construction, manufacturing, media, education, and entertainment industries.

About FDP

Engage in our upcoming Faculty Development Program (FDP) focused on "Modelling and Design for Manufacturing using Fusion 360," a newly introduced course by VTU (As per 2022 scheme). Partnering with Medini Technologies-Autodesk Business partners, and authorised AUTODESK trainers, this FDP aims to empower faculty members of VTU-affiliated institutes with cutting-edge skills in Fusion 360. Benefit from hands-on training, expert insights, and collaboration with Autodesk as academic partners, ensuring faculty readiness for delivering high-quality education in advanced design and manufacturing technologies. Join us in this transformative learning experience to enhance your expertise and stay at the forefront of technological advancements.

Program Objectives:

The objectives of a Fusion 360 FDP are :

- To train the master trainers.
- To equip educators with proficiency in Fusion 360.
- To enable curriculum integration, improve teaching skills, encourage innovation and creativity, foster cross-disciplinary collaboration.
- To promote effective assessment and feedback practices.

Program Outcomes:

The expected outcomes include;

- Master trainers will train their colleagues on peer learning concepts.
- Faculty proficiency in Fusion 360.
- Integration with the curriculum, effective teaching, student engagement, innovative projects, interdisciplinary collaboration.
- Strong assessment skills, and a focus on sustainability and diversity in design and engineering.

Topics Covered and Program Schedule

Day 1

After Inaugural function

First Session: Fusion 360 Licensing, Fusion 360 User Interface Exploration, Team management, File and Data management, Browser and Timeline exploration. **Second Session:** Profile tools, Modify tools, Operation Tools.

Day 2

First Session: Create draft, Add Ribs, Holes and Threads, Mirrors etc. **Second Session:** Coil feature, Surfaces to replace faces, Surfaces to replace bodies.

Day 3

First session: Use Scripts to create gears, Use McMaster-Car Parts in design. **Second Session:** Introduction Assembly, As-built joints, Motion studies etc.

Day 4

First session: Introduction to Drafting, Detailed Drawing and GD&T. **Second Session:** Part Modelling of Screw jack for assembly.

Day 5

First session: Continuation of Day 4 & Second Session-Assembly and Drafting of Screw jack. **Second Session:** Introduction to Animation, Rendering. Evaluation of Licensing. **Followed by Valedictory function.**

About Registration:

- No registration fees. Maximum of Three members per College (VTU Affiliated) can be registered.
- Working Lunch will be provided. Participants are advised to bring laptop for hands-on training.
- TA/DA to be borne by the deputing colleges.
- Course material will be provided by the AutoDesk

Last Date for Registration: 1st-Dec-2023

Reg. link: https://forms.gle/dnu2hTZkrao9Cbsm8

For more information, contact;

Dr. Sreenivasa R	Mob: 7760382464
Mr. Shivayogi B H	Mob: 9844809966
Mr. Veeresh Kumar K S	Mob: 9035211791