ABOUT NIT UTTARAKHAND
National Institute of Technology Uttarakhand is located in the hilly terrain of Srinagar, Pauri Garhwal, Uttarakhand. NIT Uttarakhand was established in 2009 under the Act of Parliament of India by the Ministry of Human Resource Development and designated with the status of “Institute of National Importance”. Currently, NIT Uttarakhand is functional from two campuses i.e. Parent campus at Srinagar, Pauri Garhwal and Satellite campus at MNIT Jaipur.

INTRODUCTION
An intensive course on 3D printing and Design will be offered from 16-20 October 2019, in the Design Innovation Center, NIT Uttarakhand, ITI Campus, Srinagar, Pauri Garhwal. This is sponsored by the All India Council of Technical Education Training and Learning (ATAL) program, Jaipur. This course is designed for faculty, PhD scholars and PG students who are working in the areas of industrial applications of additive manufacturing, manufacturing of complex parts, modeling and CAD for additive manufacturing and future directions of 3D printing.

OBJECTIVES
3D printing is a process of making product directly from 3D CAD model data, usually layer upon layer, as opposed to subtractive manufacturing, such as traditional manufacturing. Manufacturing of highly complex geometry can be produced directly via 3D printing. The participants will learn through lectures, interaction session with expert and hands-on-training on 3D modelling and printing of product.

FIVE DAY WORKSHOP
ON
3D Printing and Design
(16 - 20 October 2019)

Sponsored by
AICTE Training and Learning (ATAL) Cell,
All India Council of Technical Education,
New Delhi

Course Coordinator:
Dr. Pawan Kumar Rakesh

PATRON
Prof. Shyam Lal Soni
(Director, NIT Uttarakhand)

CHAIRMAN
Dr. Dhramendra Tripathi,
(Dean (Research &Consultancy))
Dr. Rakesh Kumar Mishra
(Asso. Dean (Research &Consultancy))

IMPORTANT DATES
• Receipt of application through email: 11 October 2019
• Information to the Selected Candidate by email: 14 October 2019

VENUE
Design Innovation Center, National Institute of Technology Uttarakhand, Srinagar, Pauri Garhwal- 246174.

ADDRESS FOR CORRESPONDENCE
Dr. Pawan Kumar Rakesh,
Coordinator, Design Innovation Center, National Institute of Technology Uttarakhand, Srinagar, Pauri Garhwal- 246174
Email: pawanrakesh@nituk.ac.in
Mob: +91 9719411569
Website: www.nituk.ac.in

ABOUT NIT UTTARAKHAND
National Institute of Technology Uttarakhand is located in the hilly terrain of Srinagar, Pauri Garhwal, Uttarakhand. NIT Uttarakhand was established in 2009 under the Act of Parliament of India by the Ministry of Human Resource Development and designated with the status of “Institute of National Importance”. Currently, NIT Uttarakhand is functional from two campuses i.e. Parent campus at Srinagar, Pauri Garhwal and Satellite campus at MNIT Jaipur.

INTRODUCTION
An intensive course on 3D printing and Design will be offered from 16-20 October 2019, in the Design Innovation Center, NIT Uttarakhand, ITI Campus, Srinagar, Pauri Garhwal. This is sponsored by the All India Council of Technical Education Training and Learning (ATAL) program, Jaipur. This course is designed for faculty, PhD scholars and PG students who are working in the areas of industrial applications of additive manufacturing, manufacturing of complex parts, modeling and CAD for additive manufacturing and future directions of 3D printing.

OBJECTIVES
3D printing is a process of making product directly from 3D CAD model data, usually layer upon layer, as opposed to subtractive manufacturing, such as traditional manufacturing. Manufacturing of highly complex geometry can be produced directly via 3D printing. The participants will learn through lectures, interaction session with expert and hands-on-training on 3D modelling and printing of product.

PATRON
Prof. Shyam Lal Soni
(Director, NIT Uttarakhand)

CHAIRMAN
Dr. Dhramendra Tripathi,
(Dean (Research &Consultancy))
Dr. Rakesh Kumar Mishra
(Asso. Dean (Research &Consultancy))

IMPORTANT DATES
• Receipt of application through email: 11 October 2019
• Information to the Selected Candidate by email: 14 October 2019

VENUE
Design Innovation Center, National Institute of Technology Uttarakhand, Srinagar, Pauri Garhwal- 246174.

ADDRESS FOR CORRESPONDENCE
Dr. Pawan Kumar Rakesh,
Coordinator, Design Innovation Center, National Institute of Technology Uttarakhand, Srinagar, Pauri Garhwal- 246174
Email: pawanrakesh@nituk.ac.in
Mob: +91 9719411569
Website: www.nituk.ac.in

FIVE DAY WORKSHOP
ON
3D Printing and Design
(16 - 20 October 2019)

Sponsored by
AICTE Training and Learning (ATAL) Cell,
All India Council of Technical Education,
New Delhi

Course Coordinator:
Dr. Pawan Kumar Rakesh

PATRON
Prof. Shyam Lal Soni
(Director, NIT Uttarakhand)

CHAIRMAN
Dr. Dhramendra Tripathi,
(Dean (Research &Consultancy))
Dr. Rakesh Kumar Mishra
(Asso. Dean (Research &Consultancy))

IMPORTANT DATES
• Receipt of application through email: 11 October 2019
• Information to the Selected Candidate by email: 14 October 2019

VENUE
Design Innovation Center, National Institute of Technology Uttarakhand, Srinagar, Pauri Garhwal- 246174.

ADDRESS FOR CORRESPONDENCE
Dr. Pawan Kumar Rakesh,
Coordinator, Design Innovation Center, National Institute of Technology Uttarakhand, Srinagar, Pauri Garhwal- 246174
Email: pawanrakesh@nituk.ac.in
Mob: +91 9719411569
Website: www.nituk.ac.in

FIVE DAY WORKSHOP
ON
3D Printing and Design
(16 - 20 October 2019)

Sponsored by
AICTE Training and Learning (ATAL) Cell,
All India Council of Technical Education,
New Delhi

Course Coordinator:
Dr. Pawan Kumar Rakesh

PATRON
Prof. Shyam Lal Soni
(Director, NIT Uttarakhand)

CHAIRMAN
Dr. Dhramendra Tripathi,
(Dean (Research &Consultancy))
Dr. Rakesh Kumar Mishra
(Asso. Dean (Research &Consultancy))

IMPORTANT DATES
• Receipt of application through email: 11 October 2019
• Information to the Selected Candidate by email: 14 October 2019

VENUE
Design Innovation Center, National Institute of Technology Uttarakhand, Srinagar, Pauri Garhwal- 246174.

ADDRESS FOR CORRESPONDENCE
Dr. Pawan Kumar Rakesh,
Coordinator, Design Innovation Center, National Institute of Technology Uttarakhand, Srinagar, Pauri Garhwal- 246174
Email: pawanrakesh@nituk.ac.in
Mob: +91 9719411569
Website: www.nituk.ac.in
REGISTRATION FORM

FIVE-DAY WORKSHOP
ON
3D Printing and Design
(16 - 20 October 2019)

1. Full Name ..............................
2. Designation ..............................
3. Organization ..............................
4. Academic Qualification ...............
5. Age ..........................6. Gender (M/F) ..............
7. Mailing address ..........................
8. Email ................................
9. Phone/Mobile ............................

Place:  Signature of applicant

REGISTRATION DETAILS
- There is no registration fee for participants.
- No TA/DA will be paid to any participant.
- Participants will have to make their own stay arrangement during the five days.
- Only tea during sessions/working lunch and registration kits will be provided to the participants.

PROSPECTIVE PARTICIPANTS
This workshop is open for participants from academic Institution including faculty members, undergraduate, post graduate students and PhD scholars from AICTE approved technical institutions. Number of participants for the course are limited to fifty.

HOW TO REACH NIT UTTARAKHAND
The Institute is located in Govt. Polytechnic, Srinagar (Pauri Garhwal). Srinagar is 105 km from Rishikesh on National Highway No. 58. Haridwar, a major Railway Station in Uttarakhand is 130 km from Srinagar. Nearest Airport at Jolly Grant, Dehradun is 125 km away from Srinagar. Buses and Taxis are available for Srinagar from Rishikesh/Haridwar. It takes 4 to 5 hours to reach Srinagar from Rishikesh. Srinagar is on the banks of Alaknanda River.

* Filled registration form may be emailed to pawanrakesh@nituk.ac.in or you may fill Google form link: https://forms.gle/YYGahPrQfmReEutt7

COURSE CONTENT
- Need of innovation
- Introduction to engineering materials
- Introduction to additive manufacturing
- CAD for additive manufacturing
- Various additive manufacturing Processes (fused deposition modeling, Laminated object manufacturing, stereolithography, etc.)
- Modeling in additive manufacturing
- Application of additive manufacturing (Aerospace, automotive, electronics and biomedical industries)
- Hands-on-experience on Rapid Prototyping modules

Additive Manufacturing

Recommended
Signature of Head of the Department/ Head of the organization (With seal)