

JB Institute of Technology

JBIT Group of Institutions came into being in the year in 2009 with JB Institute of Technology as its premier organization in the state of Uttarakhand at Dehradun. JBIT College of Applied Sciences being an off shoot was added to the Group in the year 2016. It has proved with age and time to be one of the recognized and premier private engineering institute of Uttarakhand with well renowned infrastructure, imparting quality educations to the youths of the country. The institute is approved by AICTE, Ministry of HRD, Govt. of India and is affiliated to Uttarakhand Technical University, Uttarakhand Board of Technical Education & Sri Dev Suman Uttarakhand University. The widespread 25-acre campus of JBIT, located at the foothills of Himalayas is home to a large number of students coming from every nook and corner of the country.

The institute offers:

Undergraduate programs:

B.Tech. in CSE, CE, ME, ECE and EE

Postgraduate programs: M.Tech in CSE

Professional Courses and Bachelor's Degree:

Besides, offering BBA & B.Sc. (Agriculture, Horticulture), it also offers

Polytechnic: Civil, Mechanical & Electrical

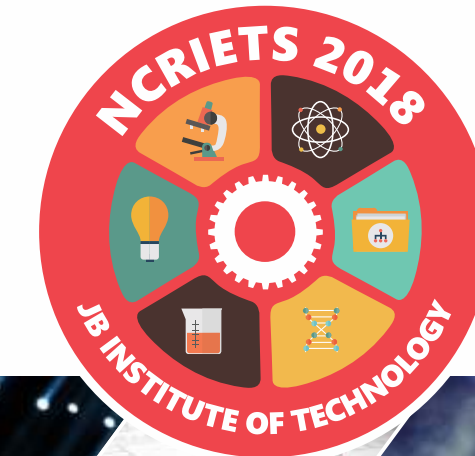
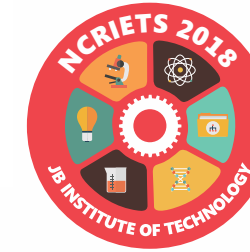
- Ranked amongst **"Top Emerging Engineering Colleges in INDIA"** by Times Engineering 2017
- Ranked **"No.1 Private Engineering College in Uttarakhand"** by THEWEEK and OUTLOOK
- **"Excellent Emerging Technical Institute in Uttarakhand"** awarded by CMAI & Uttarakhand Technical University
- Awarded as **"The Best Upcoming Engineering College in North India"** by ASSOCHAM at New Delhi
Chief Guest was Padam Bhusan - Dr. Karan Singh
- i-next **'Achievers Award'** by Jagran Prakashan Ltd. Towards contribution in education sector
Awarded by Hon'ble Chief Minister of Uttarakhand
- Amar Ujala felicitated **'Shikshavid Award'** towards contribution in education sector presented by Hon'ble Chief Minister of Uttarakhand
- **"Best IT infrastructure in Uttarakhand"** awarded by TCS

To promote research and innovations among the students, the Institute has established :

- E-Yantra Robotics Lab (ELSI) in association with IIT Mumbai
- Nodal Center for Virtual Lab in association with IIT Delhi
- FOSS Resource Center in association with IIT Mumbai
- Autodesk Club for Engineering and Design



2nd National Conference ON Recent Innovations in Emerging Technology & Science



IMPORTANT DATES

Call for Paper	: 28 th Feb 2018
Last Date of Submission of Abstract/ Paper	: 12 th Mar 2018
Acceptance Notification	: 15 th Mar 2018
Full Paper/ Camera Ready Copy Submission	: 19 th Mar 2018
Conference Date	: 6 th - 7 th Apr 2018

REGISTRATION CHARGES

Research Scholar/ Student	: ₹ 500
Delegates From	
Academic/ Research Institutions	: ₹ 1000
Accompanying Persons	: ₹ 1000
Delegates from Industries	: ₹ 1500

MODE OF PAYMENT

Through Demand Draft :

In favour of JB Institute of Technology (Payable at Dehradun), Uttarakhand. Registration fee is to be paid in advance before the event.

Online Payment :

(RTGS/NEFT) A/C No. 1175002100010213,
Punjab National Bank, IFSC Code: PUNB0117500.
Send the pay in slip/receipt in original
along with the registration form.

DISTANCE FROM VENUE

Dehradun Railway Station	: 23 km
Hardwar Railway Station	: 79 km
Roorkee Railway Station	: 90 km
New Delhi Railway Station	: 286 km
Ponta Sahib	: 27 km
Jagadhri Railway Station	: 85 km
Saharanpur Railway Station	: 86 km
Chandigarh Railway Station	: 140 km



JB Institute of Technology

Approved by AICTE, Ministry of HRD, Govt. of India
Affiliated to Uttarakhand Technical University, Dehradun & Uttarakhand Board of Technical Education, Roorkee

JBIT College of Applied Sciences

Affiliated to Sri Dev Suman Uttarakhand University, Badshahithol, New Tehri, Uttarakhand

23 Milestone NH-07, Shankerpur, Chakrata Road (Ahead of SARA Industries), Dehradun, Uttarakhand, India

Website : www.ncriets.com | www.jbitdoon.com Email : ncriets2018@jbitdoon.com

Phone No. : 8449199993, 8449199997

UTTARAKHAND TECHNICAL UNIVERSITY



The Uttarakhand Technical University (UTU), Dehradun was established on 27th January 2005 by Govt. of Uttarakhand through the Uttarakhand Technical University Act 2005.

SRI DEV SUMAN UTTARAKHAND UNIVERSITY

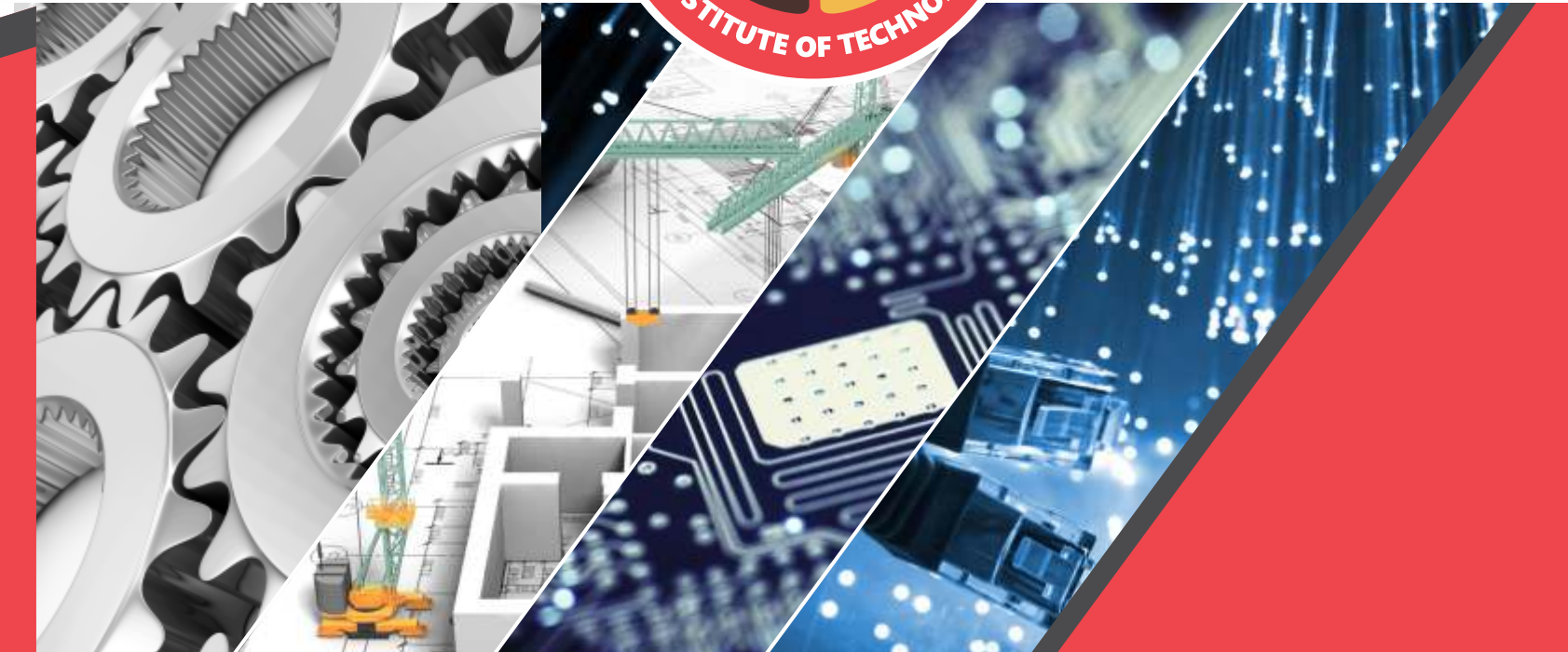


Sri Dev Suman Uttarakhand University is established as a State University of Uttarakhand vide State Government notification No 270/XXXVI(3)/2012/48(1)/2012 dtd 19th October, 2012.

UTTARAKHAND BOARD OF TECHNICAL EDUCATION, ROORKEE



Uttarakhand Board of Technical Education has been setup by an act no. 27 of 2003 as passed by Uttarakhand legislative assembly and assented by governor on 13-January 2004 and notified on 15 - January 2004.



2nd National Conference on Recent Innovations in Emerging Technology & Science

in collaboration with **Uttarakhand Science Education & Research Centre (USERC)**



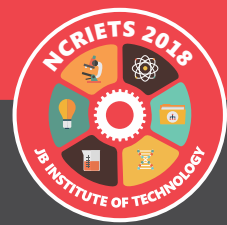
April 6-7, 2018

JB Institute of Technology
JBIT College of Applied Sciences

23 Milestone NH-07, Shankerpur, Chakrata Road
(Ahead of SARA Industries), Dehradun, Uttarakhand

web: www.ncriets.com | www.jbitdoon.com

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CALL FOR PAPERS

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Mr. Manoj Chaudhary

Dr. Sohan Singh Rawat

Mr. Lakhan Singh

NCRIETS-2018, being a two day academic congregation encompasses recent advances on varied aspects of science & technology. It provides a platform for holding discussion, thereby enriching the knowledge (theoretically & technically) of the stake holders & to foster cross-pollination between different research fields, and to expose and discuss innovative theories, frameworks, methodologies, tools and applications for sustainable development. The multi-disciplinary flow of information through presentations & discussions will certainly ignite the perceptions & thought processes of the participants be it teachers, researchers or a student.

The NCRIETS-2018 will promote the technological and applied research and enlighten the minds of the stakeholders by:

- presenting the state-of-the-art of various thematic areas of the Conference
- maximizing the Industrial connectivity
- creating centers of excellence in contemporary areas of research, both in the fields of technology & science
- enriching technological and managerial skills in a multi-cultural ambience
- providing a common platform for the agglomeration of ideas of personnel from various walks of life for learning enrichment
- creating opportunities and exploit the available resources to benefit industry/society, in totality
- encouraging participation in the national agenda of knowledge building to foster international collaborations for mutual benefit in areas of research, technology & science.



The experts will present latest developments and share quality R & D updates that would provide an opportunity to review new techniques and horizons regarding wide variety of scientific and technological developments and their applications that are present today and will be available for future.

All the accepted papers will be published in the UGC approved journal
INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (UCRT)
ISSN: 2320-2882
UGC Serial No. 3230 and Journal No.-49023
Indexing In Google Scholar, Researcher ID Thomson Reuters, Impact Factor: 5.97

The soft copy (MS-Word file) of the Abstract as well as Full Paper should be submitted by the stipulated date via email to ncriets2018@jbitdoon.com

For more information, please visit:
www.ncriets.com | www.jbitdoon.com

Original research papers are invited for presentation in the conference. Abstract of the paper (between 200 and 250 words) in Microsoft word (Times New Roman, font size 12, line spacing 1.5) should be send by March 19th 2018. All accepted papers of registered authors will be included in the conference proceeding on NCRIETS-2018 and proposed to be published in ISBN/ISSN (Book/Journal).

The 2nd National Conference NCRIETS-2018 has been planned to bring the recent development in the field of Engineering, Applied Science, Management, Agricultural Science and closely related interdisciplinary areas to the forefront. The seminar on whole will contribute to the development of Engineering, Science and their applications:

CIVIL ENGINEERING

Bridge/Highway Engineering; Coastal Engineering; Computational Mechanics; Construction Technology; Disaster Prevention and Mitigation; Engineering Management; Earthquake Engineering, Structural Engineering; Environmental Management; Eco-Friendly Construction; Geological Engineering; Geotechnical Engineering; Hydraulic Engineering; Composite Material/ Structure; Monitoring and Control Of Structures; Safety Management; Surveying Engineering

MECHANICAL ENGINEERING

Automobile Engineering; Heat Transfer, IC Engine, HVAC; Engineering Mechanics, Green Manufacturing; Corrosion and Reliability, Lean Manufacturing; Advanced Welding Technology; Design of Machine Element; Mechanical Design of Robotics System; Supply Chain Management; Green Supply Chain Management; Total Quality Management (TQM); Precision Fluid Power Control; Refrigeration and Air Conditioning; Theory of Thermal Stresses; Thermal system Analysis

ELECTRICAL ENGINEERING AND ELECTRONIC & COMMUNICATION ENGINEERING

Digital Communication; Smart Grid Technology; Renewable Energy Systems; Electrical Machinery; Power Electronics and Drives; Wireless and Mobile Communication; High Voltage and Insulation Technology; Intelligent control systems; Deregulation In Power System; Power Optimization; Measuring Technology and Instruments; Optical Communication; Digital System Design; Satellite Communication; Data Communication; VLSI Technology; Embedded System Design; Microprocessor and Microcontroller; Power System and its Automation; Power System Reliability and Security

COMPUTER SCIENCE ENGINEERING

Cloud Computing; Cryptography and Network Security; Wireless Sensor Networks, MANETs, Computer Architecture; Real Time System; Database system; Data Mining; Google Wave Grid Computing; Wireless Fidelity; Big Data; Distributed and Parallel System; DSP/Image processing/Pattern Recognition; Embedded System; Modeling Simulation; Software Engineering; GIS/GNSS; Grid Computing; Mobile and Ubiquitous Computing; Soft Computing(AI, Neural Networks, Fuzzy Sys., etc);Web and Internet computing, Multimedia, Natural Language Processing, Recent Trends in Information Technology

APPLIED SCIENCE & HUMANITIES

All areas of Mathematical science, Physics, Chemistry and Humanities; Agriculture/ Horticulture & Allied Sciences; Interdisciplinary innovations in basic science, Life Science & Agriculture Engineering; Sustainable Agriculture & Human Sustenance; Future prospects of natural farming in India; Soil conservation & Watershed Management Rule of horticulture in Indian economy; Integrated pest management approach.

MANAGEMENT

Impact of GST on Indian Economy; Digital Marketing in Globalized Era; Innovative management practices for sustainable development; Customer interaction in a connected world; HR role in building sustainable enterprise; Corporate ethics in effective governance; Governance of financial institutions; Digital payment and its impact on financial inclusion; Digital currency and its risk; Emerging trends in Global Work force; Migration and its impact on public policy; Environmental concern and its impact on public policy; Impact of digital payment system business in rural India; Cashless transaction challenges and remedies

GUIDELINES FOR PAPER SUBMISSION

- Prospective authors are invited to submit manuscripts reporting original unpublished research and recent developments in the topics related to the conference.
- All Full Papers must be submitted to NCRIETS-2018 by 19th March, 2018.
- **6-Page limit.** If your submitted paper is longer than 6 pages, please edit it down for inclusion in the Journal/Proceeding. **Please begin with the following elements:** **TITLE** Paper Title (24pt, Times New Roman, upper case, line spacing: Before: 8pt, after: 16pt) **Subtitle** if needed (14pt, *Italic, line spacing: Before:8pt, after:16pt*) Name of 1st Author; Name of 2nd Author; Name of 3rd Author Designation of 1st Author; Designation of 2nd Author; Designation of 3rd Author Name of Department of 1st Author; Name of organization of 1st Author, City, Country.
- The text of the full paper as per guideline of journal Page Margins: Left – 0.51", Right – 0.51", Top – 0.75", Bottom – 0.75"
Figure caption: Font size - 10, lower case and write below the figure, position-center. **Table Caption:** Font - 10, lower case and Top of the table, position-center
Paragraph: Paragraph Indentation by- 0.2", **Line Spacing:** single, Before: 0" After: 0", Header 0.3" footer 0"
- Begin with the heading Abstract, should be followed by an abstract of no more than 50 to 100 words in Times New Roman (font size 10).
- The next major heading should be INTRODUCTION, aligned left, in all capital letters and TimesNewRoman(font size 10).
- In the text, use the following heading structure: - MAJOR HEADING (bold, aligned left, all capital letters) -Secondary Heading (bold, aligned left)
- References should be placed at the bottom, as per International Standard (alphabetical order), Times New Roman (font size 10)

MANDATORY STEPS

- In case of multi authored research paper, at least one Registration is mandatory.
- In case other author/co-author wish to physically attend the conference they need to pay full Registration fees individually, separate Journal & Certificate along with the conference kit will be issued to them. Co- Authors are requested to fill & submit separate Registration forms in case they are physically attending the conference.
- Charges for extra copy of Journal/ Certificate for other Co-author (if required) should be paid along with preliminary Registration by the corresponding author.
- One night paid accommodation facility will be made available on request.

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