

## National Conference on Innovative Solutions for Rural Development of Chhattisgarh

### REGISTRATION FORM

Name : \_\_\_\_\_  
 Qualification : \_\_\_\_\_  
 Designation : \_\_\_\_\_  
 Organization : \_\_\_\_\_  
 Address : \_\_\_\_\_  
 Contact Number (Tel.) \_\_\_\_\_ Mob. \_\_\_\_\_  
 E-mail ID : \_\_\_\_\_  
 Registration Category : Industry / Academic / Research Scholar / Student  
 D.D./Online Details: (In favor of "Principal KITE Raipur" Payable at Raipur) \_\_\_\_\_  
 Amount : \_\_\_\_\_  
 DD/Ref. No: \_\_\_\_\_  
 Dated: \_\_\_\_\_  
 Drawn on: \_\_\_\_\_  
 Note:- Draft / Cash can be brought in person.  
 Please Tick: Plan to present a paper / Plan to attend the Conference  
 Accommodation Required (Yes / No):

Date : \_\_\_\_\_ Signature of Applicant

### CERTIFICATE

This is to certify that Mr. / Ms. \_\_\_\_\_  
 is a bonafide student of this institute under B.E. / M.Tech / M.E. / Ph.D  
 Program  
 Date : \_\_\_\_\_ Place: \_\_\_\_\_

### Important Date:

Last Date of Submission of Full Length Paper : 25 January, 2018  
 Date of Final Acceptance After Peer Review : 30 January, 2018  
 Last Date of Registration : 05 February, 2018

### Contact:

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### KRUTI INSTITUTE OF TECHNOLOGY & ENGINEERING, RAIPUR

Knowledge Village Nardaha, Near Vidhan Sabha, Raipur (C.G.)  
 Email : ncisrdckite2018@gmail.com | Web: www.kiteindia.in

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### Convener:

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 Prof. Mithilesh Singh, HOD EEE Engineering, KITE  
 Prof. Abhishek Jain, HOD Mechanical Engineering, KITE

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### Publication Partner



International Journal of Advance Research,  
 Ideas and Innovations in Technology

### Organized By



Chhattisgarh Council of Science  
 and Technology, Raipur

# National Conference on Innovative Solutions for Rural Development of Chhattisgarh

23rd & 24th February 2018



## ABOUT KRUTI GROUP OF INSTITUTIONS

SBA Education Society, a synonym for higher education and professional training, came into existence in the year 2007. A group of enthusiastic and dedicated educationists, industrialists and professionals associated together, to work towards a common goal of providing avenues of professional education and training, matching international standards, to the people of the State of Chhattisgarh.

**Kruti Group of Institutions** has been striding in its journey towards academic achievements in a steady manner since 2008. **Kruti Institute of Technology and Engineering (KITE)** started with four AICTE approved branches of Under Graduate level Engineering programme: Computer Science, Electrical and Electronics, Electronics and Telecommunication and Information Technology. In 2009, KITE added Mechanical Engineering, and in the year 2010, KITE obtained approval for Civil Engineering and MBA programme. In the year 2012, **Kruti School of Business Management (KSBM)** was added to provide a balanced comprehensive education in the Management, Science and Commerce Stream (BCA, BBA, B.Com, B.Com with Computer and PGDCA are currently offered). In the year 2013, **Bachelor of Education (B.Ed.)** was added along with **Kruti Institute of Fashion & Interior Designing (KIFID)**, affiliated to JD Institute of Fashion Technology, Mumbai). Latest additions in the year 2017 are **Diploma in Education (D.El.Ed.)** is run in both KITE and KSBM), **Diploma in Fashion Photography** in KIFID.

'Kruti' is about **"Making Things Happen"**, Creating, Dreaming and Designing the future and making human life happy, creating a successful career path for students & staff as Industry Professionals.

College campus is spread over 20 acres in the vicinity of Chhattisgarh Vidhansabha. KITE building is a visual delight and an architectural pride. It is designed around our central theme of the three forces- *Jnana Sakti, Karma Sakti & Sankalpa Sakti*.

"Kruti Campus" offers stimulating learning and self development opportunities to students and aims at helping them develop into capable professionals, who will contribute in building a glorious future. Workshops, Industrial Visits and Guest Lectures are designed to provide rich industrial environment. High speed internet and Wi-Fi connectivity is provided for easy access to student portal and digital library. Campus also includes Central Library, Laboratory Workshop, Canteen, Sports Room with Hostel for boys and girls.

## ABOUT THE CONFERENCE

Rural development is a key element in developing strategies to facilitate employment and create income, resulting in wider distribution of economic and industrial activities, thereby reducing rural exodus. The overall development of rural areas is of paramount importance, for any state and this can be achieved only by improving the quality and standard of life of people in rural area. The theme of the conference is a comprehensive and multidimensional concept, encompassing the development with interactions between social, cultural, environmental, technological, economical and institutional factors. The aim of the conference is to bring together Academicians, Researchers, Professionals, Executives and Practicing Engineers, from various Industries, Research Institutes and Educational bodies to share and exchange ideas and information on the theme of the conference. This conference will provide a forum to discuss various issues, new research areas, technological development and problems pertaining to various fields (social, cultural, environmental, technological, economical and institutional) for sustainable development of society. Mission of this conference is to generate implementable practical Idea, Solutions, Observation & Analysis of providing **"Innovative Solutions for Rural Development of Chattisgarh"** for better future.

## CONFERENCE THEMES

### CIVIL ENGINEERING

- ♦ Transportation around and beneath existing cities.
- ♦ Environment infrastructure for population in rural areas.
- ♦ Water and energy infrastructure for population in rural areas.
- ♦ Materials and tools for rural development.
- ♦ Resilient building in rural areas.
- ♦ Emerging paradigms for rural communities.

### MECHANICAL ENGINEERING

- ♦ Heat transfer, thermal engineering.
- ♦ Fluid dynamics, biotechnology.
- ♦ Energy conservation system.
- ♦ Design and analysis CAD/CAM/CAE.
- ♦ Conditional Monitoring.
- ♦ Fracture Mechanics, Cryogenics, Mechatronics.
- ♦ Production and Industrial Engineering.
- ♦ Advanced Manufacturing Process.

### ELECTRONICS & TELECOMMUNICATION ENGINEERING

- ♦ E-Agriculture
- ♦ Remote Sensing
- ♦ Renewable Energy
- ♦ Microelectronics
- ♦ Agriculture Robotics
- ♦ Image Processing
- ♦ Wireless Communication
- ♦ Automation in Agriculture

### ELECTRICAL AND ELECTRONICS ENGINEERING

- ♦ Green Technology for Power Generation.
- ♦ Power Quality & Soft Computing Applications.
- ♦ Power System Modeling Simulations & Analysis.
- ♦ Power Electronics & Drives.
- ♦ Flexible AC Transmission System.
- ♦ High Voltage Engineering.
- ♦ Renewable Energy Management.

### COMPUTER SCIENCE AND ENGINEERING

- ♦ Design Foundations
- ♦ Realization Aspects
- ♦ Big Data, Internet of Things
- ♦ Mobility Communication and Services
- ♦ Networking and Grid Approaches

### MASTER OF BUSINESS ADMINISTRATION (MBA)

- ♦ Policies for Rural Development
- ♦ Rural Products Marketing
- ♦ Socio Economic Aspects of Rural Development
- ♦ Financial Schemes for Rural Development
- ♦ Community Based Rural Development

## GUIDELINES TO AUTHORS

Authors are requested to send their papers in following guidelines:

- ♦ Not exceeding 8 pages of A-4 size, in Times New Roman font style with running matter in 16 font, single spacing subtitles in 14 font & title in 16 font sizes.
- ♦ The Paper should Contain the Title, Author's name and affiliation
- ♦ Abstract (about 200 words), key words and body of the paper in double column format. All figures and tables must be neatly drawn and numbered properly with the captions.
- ♦ The paper should be accompanied by a covering letter from the corresponding author certifying that the paper has neither been published nor presented elsewhere.
- ♦ At least one author of the accepted paper must register for the conference and present the paper. Online submission of Paper / Manuscript to be mailed to **ncisrckite2018@gmail.com**

## LODGING & BOARDING ARRANGEMENTS

Accommodation can be booked in Hotels and Lodges at reasonable rates. Specific request may be made in advance to arrange accommodation.

## REGISTRATION

The registration fee includes the registration kit, lunch on conference days.

Faculty/ Students/ Research Scholar	Rs. 1000
Industry Professional	Rs. 2000

Registration fee is to be paid through D.D. in favor of "Principal KITE Raipur" Chhattisgarh.

## ONLINE PAYMENT DETAIL:

Account no. : 3152740371  
Bank Name : Central Bank of India  
IFSC Code : CBIN0281468

## ROAD MAP

