National Education Society ®

JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGG., SHIVAMOGGA

(Approved by AICTE, New Delhi, Certified by UGC 2f and 12B, Accredited by NAAC-'B', Recognized by Govt. of Karnataka, Affiliated to VTU, Belagavi)

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# Karnataka Tech-Entrepreneurship Summit-2019

**14-16 February 2019**

KTES - 2019

# ABOUT NES

* Established in 1946 by freedom fighters and philanthropists of high repute, with a Mission "to provide quality education at a reasonable cost", giving emphasis on rural and women education
* Has set up 35+ educational institutions in the Malnad region of Karnataka state, in a wide range of disciplines such as Engineering, Science, Pharmacy, Commerce, Humanities, Education, Law, Business Administration, Physical Education, Computer Applications and Applied Sciences
* The management team comprising of highly respected persons from different professions and social service; committed to carry forward the enlightening vision and the illustrious legacy of its founders

# ABOUT JNNCE

* Established in 1980 by NES, to impart quality education in Technology and Management
* Offers B.E. program in CSE, ISE, ECE, TCE, EEE, Civil & Mechanical branches, M.Tech program in Machine Design, Computer Integrated Manufacturing, Transportation Engineering and Management, Digital Electronics & Communication Systems, Computer Science and Networking & Internet Engg, as well as MCA and MBA programmes
* Affiliated to Visveswaraya Technological University, Belgaum, recognized by All India Council for Technical Education (AICTE) New Delhi, and Government of Karnataka and accredited by UGC-NAAC
* JNNCE is also a Visvesvaraya Technological University-recognized research centre in Civil Engineering, Mechanical Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, MBA, Physics, Chemistry and Mathematics, leading to the award of M.Sc. (Engg.) and Ph.D. So far, 22 candidates have obtained their Ph.D. degrees from VTU through our research centres
* Has emerged as one of the most sought-after destinations for technical and management education by students and parents from all over India

* JNNCE has successfully consolidated and improved upon its relative ranking amongst engineering colleges in Karnataka and India, as confirmed by following surveys conducted by reputed national newspapers :

Outlook : 42nd (India) ; 7th (Karnataka);
India Today : 26th (India) ; 7th (Karnataka);
The Week : 45th (India) ; 15th (Karnataka) ;
Career 360 : AAA & User Rating of "4 Out of 5"

**For more details about the college, please visit our website: www.jnnce.ac.in**

# ABOUT CENTRE FOR INNOVATION & ENTREPRENEURSHIP (CIE)

* Conducts various programs at JNNCE with the support of Govt. Departments & agencies, Universities, Institutions, Industries, Start-ups, NES Management, JNNCE Faculty, Alumni & Students
* Aims to create Start-up & Entrepreneurial ecosystem in & around Shivamogga by providing all the required facilities and support like incubation, funding, start-up space, Registration, Mentors & Investors connectivity, IPR, Business plan development, financial projection, team building, product launch, marketing, scale-up etc. Also works to setup Development Centres & Centres of Excellence by start-ups, industries, agencies & MNCs on JNNCE Campus.

## MAJOR INITIATIVES OF CIE

*** NewGen IEDC**-New Generation Innovation and Entrepreneurship Development Centre :

- an initiative of National Science and Technology Entrepreneurship Development Board (NSTEDB), DST, GoI, to convert the "Job-Seekers" to "Job-Generators" through the entrepreneurial route
- being launched in the campus shortly
- obtained funding of Rs.2.87 crore from NSTEDB

*** New Age Incubation Network (NAIN) Centre**

- Set up by the Department of IT & BT, Government of Karnataka at JNNCE in 2014 to build start-up & business ecosystem in and around Shivamogga
- Top 10 Innovative Project proposals from JNNCE students, alumni, research scholars & the public being considered for funding for a maximum Rs. 3.00 Lakh each
- So far, Top 33 innovative projects have been funded to a maximum of Rs. 3.00 Lakhs each for Batch-1 (2015-16), Batch-2 (2016-17) & Batch-3 (2017-18); 15 proposals from Batch-4 (2018-19) presently under consideration

*** Technology Business Incubator (TBI)**

- Karnataka Council for Technological Upgradation (KCTU), GoK has approved setting up of a TBI
- Objective is to harness the untapped creativity of individual innovators and to assist them to become technology-based entrepreneurs with funding of Rs. 2 crore and KCTU contribution of Rs.26.25 lakhs.

*** JNNCE Research & Innovation Centre (JNNRIC)**

- An initiative of JNNCE to provide funding for innovative and research projects of students, staff of JNNCE to tune of Rs.30 lakhs

*** Centre for Agricultural & Rural Technology Innovation (CART)**

- To promote innovation in agriculture & rural technology, JNNCE is funding projects to tune of Rs.8 lakhs

*** Technology Activities & Programs (TAP)**

- A club of passion-driven students who are creative, active & rebellious dreamers, learning & sharing the skillsets, excelling together - in the process of creating innovations and turning real time challenges prevailing in academics; a place to meet & interact to be an out-of-box thinker which helps in innovations.
- Ideas generated by TAP teams being supported by other platforms for further development & commercialization

*** NAIN Creative Club**

- is an initiative of NAIN Centre started in September 2017 to provide an open platform to conduct workshops & seminars on cutting edge technologies & languages for students to learn and excel
- facilitates inter-departmental activities that ignite the students to think out of box and help gain & explore creativity.

*** Start-ups under CIE**

- Ekathva Innovations Pvt. Ltd. started in July 2018 by Mr. Vikas H C & team from NAIN I- batch.

*** Development Centres under CIE**

- Silfra Tech Development Centre by Silfra Technologies Pvt. Ltd.
- RootsGoods Development Centre by RootsGoods OPC Pvt. Ltd, India
- Many other project teams, entrepreneurs & companies are in discussion to setup their Start ups Development Centres & Centres of Excellence at JNNCE under CIE.

# ABOUT KTES - 2019

**Transforming Students into Entrepreneurs!**

* Start-up Eco system is inevitable to nation's economic growth.
* Tier-2 and Tier-3 cities are the one who will contribute more to overall start-up ecosystem and entrepreneurship spirit.
* In this Entrepreneurship Summit, Technology & Business Leaders, Policy Makers, Education & Research Experts, Entrepreneurs, Budding Student Entrepreneurs, Companies, Investors meet and discuss to build strong start-up ecosystem and entrepreneurship spirit in tier-2 & tier-3 cities.
* Very well-known experts from India and abroad will be present in this summit. Core of attraction is that many companies are exhibiting their products, services, solutions. Besides, during this summit many achievers from *Malnad* region will be recognised with KTES Excellence Awards.

## EVENTS PLANNED DURING THE SUMMIT

01 INVITED TALKS
02 EXPERIENCE SHARING
03 WORKSHOPS / CONFERENCE
04 PANEL DISCUSSION
05 FACE-TO-FACE
06 EXHIBITION
07 FIRESIDE CHAT
08 AWARD CEREMONY
09 VISIT TO INDUSTRIES
10 COMPETITIONS
11 CULTURAL EVENING
12 SUMMIT NETWORKING DINNER

# OBJECTIVES OF KTES-2019

* to bring together the academic community, venture capitalists, new age entrepreneurs and all those passionate about entrepreneurship on to a common platform
* to examine and explore different facets of issues surrounding entrepreneurship in the era of innovation
* to deliberate on all relevant issues that include innovation on products and services as well as process and strategy
* to embed the culture of entrepreneurship in the young minds to create a better future
* to foster entrepreneurial initiatives and activities in the campus and off-the-campus
* to provide a platform for 'aspiring entrepreneurs' to have hands-on experience before they can finally enter the market

# FOCUS AREAS

- Health Care
- Agriculture
- Renewable Energy
- Education
- Construction
- Manufacturing
- Services
- Tourism

# PROGRAM DETAILS

## 01 INVITED TALKS

- Global Scenario of Service Business : Opportunities for start-ups in Tier-2/Tier-3 cities
- Digital Technology : Opportunities for start-ups in Tier-2/Tier-3 cities
- Catapulting Innovation and Crowd Funding Platform for success of Start-ups
- Industry4.0, Manufacturing, Defence, Space, Automotive : Opportunities
- Emerging Technologies - VR, AI, AR, Block chain, Data Analytics, , Machine Learning, IOT, sustainable technologies
- Start-up Landscape in India's Tier-2/Tier-3 cities
- Managing Human resources in Start-ups

## 02 EXPERIENCE SHARING – START-UP STORIES & TALKS

- Experience sharing by Successful Entrepreneur
- Lessons from Business Failures

## 03 WORKSHOP / CONFERENCE

- Ideas to Star-up - for students, budding entrepreneurs
- Scaling-up Business - for existing companies, organizations
- Vitamins for Start-ups (ideas, technology, funding, marketing, etc.)
- Intellectual Property for Start Ups
- Business Plan writing
- 24 Steps to Entrepreneurship

## 04 PANEL DISCUSSION

- Start-up Eco System in Edutech: Feasibility in Tier-2/Tier-3 cities
- Role of Government in the success of Start-Up Ecosystem in Tier-2/Tier-3 cities
- Start-Up eco system : Feasibility in Tier-2/Tier-3 cities

## 05 "FACE-TO-FACE"

One-to-one business meeting between start-ups/ young entrepreneurs, and investors, industry, successful entrepreneurs, tech gurus

## 06 EXHIBITION

- MSMEs, Start-up companies
- Large companies with their products helpful to start ups in Shivamogga,
- Banks, Insurance, Telecom Companies
- Agri-Business & Food-Processing Enterprises

## 07 FIRESIDE CHAT

- Converting Problems into Opportunities – A Challenging Journey

## 08 AWARD CEREMONY

### EXCELLENCE AWARDS FOR

- Life time Achievement - Company
- Life time Achievement - Education & Research
- Management of Environment in Industry
- Social Responsibility in Industry
- Human Resource Management in industry
- Energy, Real Estate & Infrastructure sustainability
- Manufacturing in MSME
- Business Model Innovation
- Marketing & Brand Innovation
- Product/Service Innovation
- Process Innovation
- Technological Innovation
- Entrepreneur of the year - 1st generation
- Entrepreneur of the year
- Entrepreneurial CEO
- Women Entrepreneur
- Business Leader of the year
- Employer in the Region
- Investor/Bank/Mentor
- Company of the year
- Most Promising Start-up/CEO
- Fastest Growing Enterprise
- Family managed Enterprise
- Social Enterprise

## 09 VISIT TO INDUSTRIES

## 10 COMPETITIONS

- Business Plan
- Design Thinking using Dot Voting process
- Ideathon for Social Entrepreneurship

## 11 CULTURAL EVENING

## 12 SUMMIT NETWORKING DINNER

## TARGET PARTICIPANTS

- ENTREPRENEURS
- STUDENTS
- START-UPS
- YOUNG PROFESSIONALS
- INVESTORS/FIS
- ACADEMIA
- EXHIBITORS
- MSMES
- COMPANIES

## EXPECTED OUTCOME

- To bring together different facets of issues surrounding entrepreneurship in the era of innovation in tier 2 & tier 3 cities
- KTES-2019 aims embed the culture of entrepreneurship in the young minds to create a better future
- Opportunities for the promotion of Start-ups and Entrepreneurship
- Commercialization of Research and Development (R & D).
- To foster entrepreneurial initiatives and activities in the campus and off-the-campus
- Provide a platform for the 'aspiring entrepreneurs' to have hands-on experience before they can finally enter the market.
- Adoption of knowledge for innovation and technology transfer
- It brings together the academic community, venture capitalists, new age entrepreneurs and all those passionate about entrepreneurship to a common ground
- Starting of 10 start-ups by end of 2019, 25 start-ups by 2020 and 100 by 2025 with job generation of at least 100, 250, 1000 respectively by 2019, 2020, 2025

## CHIEF PATRONS

**Sri. A. S. Vishwanatha,** President, NES, Shivamogga
**Sri. T. R. Ashwathanarayana Setty,** Vice-President, NES, Shivamogga
**Sri. S. N. Nagaraja,** Secretary, NES, Shivamogga
**Sri. D. R. Amarendra Kireeti,** Joint Secretary, NES, Shivamogga
**Sri. C. R. Nagaraj,** Treasurer, NES, Shivamogga

## PATRONS

**Dr. H. R. Mahadevaswamy,** Principal, JNNCE, Shivamogga
**Dr. L. K. Sreepathi,** Vice Principal, JNNCE, Shivamogga

## ADVISORY COMMITTEE

1. **Mr. M.N.Vidyashankar,** Former IESA President & Additional Chief Secretary, GOK
2. **Dr. H. V. Subramanya,** Chairman, Perfect Alloy Components Pvt. Ltd. (PAC) & Director, NES, Shivamogga
3. **Dr. Lakshmi Jagannathan,** COO, DERBI, Bangalore
4. **Dr. M. H. Balasubrahmanya,** Professor, Dept of Management Studies, Indian Institute of Science, (IISc), Bangalore
5. **Dr. S. Rangarajan,** Former Director, ISRO & CTO, Yazmi Solution
6. **Mr. Ram Gopalan,** Serial Entrepreneur & MD, Argusoft, Fremount, California, USA
7. **Mr. Sumant Parimal,** Founding Partner of Innogress, New Delhi & JNNCE Alumni
8. **Mr. Krishna Kumar,** Founder, CEO, Quantum Leap Guru

9. **Mr. Mahesha Pandit,** Founder & CTO, Rhytify Technologies, Bangalore
10. **Mr. Erez Bahat,** Founder & CEO, Gemius, Israel
11. **Dr. MOGYORÓSI Péter,** Director/CEO, LC Innoconsult International, Hungary, Europe
12. **Mr. J. R. Vasudev,** President, Shivamogga District Chamber of Commerce& Industries
13. **Mr. D. S. Arun,** Ex-President, Shivamogga District Chamber of Commerce& Industries
14. **Mr. Sameer Kumar,** Managing Partner, Inventus India, Bangalore
15. **Mr. Sudhindra Haldodderi,** Vice President, Engineer Materials, Bangalore
16. **Mr. Brajesh Singh,** Founder & MD, Universal Test Solutions LLC, Pune & JNNCE Alumni
17. **Dr. Gayathri Saberwal,** IBAB, Bangalore (involved start-up promotion through TBI)
18. **Dr. Sangameshwar,** Vice Chancellor, JSS Science & Technology University, Mysore
19. **Dr. K. P. J. Reddy,** Professor, IISc, Director, Super-Wave Technology Pvt.Ltd. (an IISc initiative)

## SUMMIT CHAIR
**Dr. H. R. Mahadevaswamy**
Principal, JNNCE, Shivamogga

## SUMMIT ORGANISING SECRETARY
**Dr. M. G. Krishnamurthy**
Professor, MBA Dept., JNNCE,

## SUMMIT CONVENER
**Dr. S. V. Sathyanarayana**
Professor, ECE Dept., JNNCE

## SUMMIT COORDINATOR
**Sri Mallesh Kumar K.S.**
Project Manager, CIE, JNNCE

## ORGANISING COMMITTEE
**Dr. Manjunatha P,** Prof & HoD, ECE Dept., JNNCE, Shivamogga
**Dr. C. Srikanth,** Director, MBA Dept., JNNCE, Shivamogga
**Dr. E. Basavaraj,** Professor, Mechanical Engg. Dept., JNNCE, Shivamogga
**Mr. Mohamad Ibrahim,** Asst. Prof, Civil Engg., JNNCE, Shivamogga
**Mrs. Ashwini S R,** Asst. Prof, TCE Dept., JNNCE, Shivamogga
**Mr. Santhosh S G,** Associate Prof. & Director, MCA Dept., JNNCE, Shivamogga
**Dr. Santhosha,** Asst. Prof, MBA Dept., JNNCE, Shivamogga

## BRIEF SCHEDULE

| Date/Day | 9AM - 11.15AM | 11.15 - 11.30AM | 11.30AM - 1PM | 1PM - 2PM | 2PM - 3.15PM | 3.15PM - 3.30PM | 3.30PM - 5PM | 7PM - 8PM | 8PM |
|---|---|---|---|---|---|---|---|---|---|
| Day1 | Registration | Tea | Invited Talk 1 | Lunch | Workshop 1 | Tea | Panel Discussion 1 | Fire side chat | Dinner |
| | Inagural Function | Networking | Invited Talk 2 | Networking | Workshop 2 | Networking | | | |
| | | | | | Business Plan Competetion | | | | |
| Day 2 | Invited Talk 3 | Tea | Workshop 3 | Lunch | Invited Talk 5 | Tea | Visit to Industries | Award Ceromony | Dinner |
| | Invited Talk 4 | Networking | Workshop 4 | Networking | Innovation Challenge | Networking | | | |
| Day 3 | Workshop 5 | Tea | Invited Talk 6 | Lunch | Workshop 7 | Tea | Valedectory function | | |
| | Panel Discussion 2 | Networking | Panel Discussion 3 | Networking | Inviteds Talk 7 | Networking | | | |
| All Days | Exhibition | | | | | | | | |

## Professional Association

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Department of Sciences & Technology
Government of India
NewGen IEDC, JNNCE

KCTU
TBI, JNNCE

## KEY SPEAKERS & RESOURCE PERSONS

- Central & State Govt Ministers
- Bureaucrats
- CEOs/Managing Directors
- Investors, Bankers
- Successful Entrepreneurs
- Educationists & Researchers
- Technology Experts

## REGISTRATION FEE

| | | |
|---|---|---|
| **Students/Research Scholars /Alumni** | : | **Rs.1000/-** |
| **Faculty Delegates** | : | **Rs.2000/-** |
| **Industry Delegates** | : | **Rs.2500/-** |

Registration fee excludes accommodation. In case accommodation is required in College Dormitory (on sharing basis), please add Rs.600/- extra. Accommodation in city hotels is available in the range of Rs. 500 - Rs.5,000 per day.

## HOW TO APPLY

Submit to the **Summit Coordinator** the duly-filled in Registration form (along with online payment of registration fee) **on or before 15th Jan 2019.** Registration fee is also payable by NEFT, as per the following details:

| | | |
|---|---|---|
| In favour of | : | The Principal, JNNCE |
| Bank | : | Canara Bank |
| Branch | : | JNNCE Campus Branch, Shivamogga |
| Current Account No | : | 6322201000004 |
| IFS Code | : | CNRB0006322 |

## ADDRESS FOR COMMUNICATION

**Mallesh Kumar K S**

**Project Manager, Centre for Innovation & Entrepreneurship**
**Jawaharlal Nehru National College of Engineering,**
**Shivamogga, Karnataka**

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