

SRI VENKATESHWARA COLLEGE OF ENGINEERING

(Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi), NBA Accredited*
Vidyanagar, Kempegowda International Airport Road, Bengaluru – 562157

Two Day National Level Seminar on

“Role and Scope of Alternative Fuels in Transport Sector”

16th & 17th February -2018

Technically Sponsored by



Karnataka State Bio-Energy Development Board (KSBDDB)

Kumara Park West, Railway Parallel Road, Bengaluru-560020

Website:- biofuelkarnataka.in Ph:- 08023568200



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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in association with



IEI, KSC, Bengaluru



**Indian Concrete Institute
Bengaluru Centre, Karnataka**

Organized by

**Department of Mechanical Engineering
&
Department of Civil Engineering**



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SRI VENKATESHWARA COLLEGE OF ENGINEERING

Sri Venkateshwara College of Engineering is a leader in technical education and in the development of ideas that shape the world's understanding of Engineers. We are proud of our position as the top academic college of engineering and proud of the people who make it so – our students, faculty, and the management.

Journey of a student in this institute has always involved comprehensive knowledge building from practical skills, theoretical knowledge to personality development, which has given them a head start in their career.

SVCE stands by its motto of becoming a leader in imparting quality education and training in engineering and to contribute to the ever expanding knowledge and skills in professional environment through scientific inquiry, applied research and innovation. The management and faculty members are committed to generate excellence in academics and to attain the sacred goal of making the students to realize their full potential in all dimensions of their personality.

DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering Department was established in 2003 and is having UG and PG programmes. Department has 6 Doctorates and 25 faculty belonging to various disciplines. The department of Mechanical Engineering, being one of the admirable departments of the institute, caters to its students with class tutorial and state of the art laboratories. Research and Development Centre (Recognized by VTU) was established in 2008. Department R&D is involved in sponsored research, consultancy, testing and characterization. Department emphasizes the capability to work effectively in multi-disciplinary teams, providing leadership and technical expertise. The department aptly makes use of the technical facility in teaching and in setting up of in house experimental setups. Mechanical Engineering Programme is accredited by NBA for three years in 2016.

DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering Department set up in 2004, has UG and PG programmes with an intake of 120 students for UG and 24 students for PG. The department has 32 faculties belonging to various disciplines in the Civil Engineering field. The department has Research and Development Centre under VTU. We have memberships of Institution of Engineers (IE) and Indian Concrete Institute (ICI) and also have an MOU with top leading industries. We are also doing projects for Virtual Academy of Ancient Knowledge Systems (VAAK). The department has hosted a number of activities under student chapters of IE, ICI and Forum (Civil Engineering Students Association). A remarkable achievement is made having **ICI ORGANIZATION LIFE MEMBERSHIP.**

ABOUT KSBDB

The Karnataka State Bioenergy Development Board (KSBDB) has taken initiative for the development of biofuel sector in the State. The KSBDB is an autonomous body functioning under Rural Development and Panchayat Raj Department, government of Karnataka. The general body of the board under Chairmanship of Hon'ble Rural Development and Panchayat Raj Minister and the Executive Committee/Governing Council headed by the Hon'ble Chairman and the Managing Director as the Member- Convener. The Karnataka has adopted the biofuel policy-2009 for the State w.e.f. 1st March 2009. The board adopted "Multi species, decentralized and community driven approach" for the implementation of biofuel Programme in the State. The important biofuel programmes are biofuel plantation programmes, establishment of Bioenergy Research, Information and Demonstration Centers, Biofuel parks, Clonal orchards and Information, Education and Communication (IEC) activities and R&D activities. The board is aiming to create awareness among public, students, farmers and entrepreneurs and also working towards creating a conducive atmosphere for the development biofuel sector intend to contribute to meet the energy demand in the coming years.

ABOUT KSCST

Karnataka State Council for Science and Technology (KSCST) was established in the year 1975. It is one of the first State S&T Councils to be set up in the country. KSCST is an autonomous S&T organization under Department of Science & Technology, Government of Karnataka.

During the last 40 years, KSCST has been pro-actively engaging itself to identify, propose and implement S&T based solutions to locale specific needs / problems in the broad areas of Water, Education, Energy, Ecology and Environment, Waste management and Infrastructure. In co-operation with the Indian Institute of Science and several other premier R&D institutions, KSCST executes many projects and programmes aimed at improving socio-economic conditions of the people of the state.

ABOUT INDIAN CONCRETE INSTITUTE

Indian Concrete Institute (ICI) is one of the leading professional bodies in India, catering to the professional needs of individuals and organizations involved in Concrete. Being a non-profit Organization, it is dedicated to the cause of Disseminating Knowledge on Concrete, to Promote Concrete Technology and Construction and to address the Research Needs of Concrete. ICI identifies, recognizes and rewards the experts in the field of Concrete for their contributions to the development of concrete technology and Concrete Construction. ICI brings out several publications, proceedings of all the important events for the benefit of members and others.

ABOUT INSTITUTE OF ENGINEERS

The Institution of Engineers India (IEI) is the national organization of engineers in India. As the world's largest multi-disciplinary Engineering professional society, the institution is acclaimed to have pioneered non-formal education in Engineering. It boasts more than one million members in its 15 Engineering disciplines across 125 centers and chapters located in India and around the world. The Institution of Engineers India was incorporated by the Royal Charter in 1935.

ABOUT SEMINAR

India is one of those countries that mostly uses traditional fuels like coal, petroleum etc. About 85 percent of the nation's total oil product requirement is being imported; the nation's foreign exchange is being spent on a large scale. India's financial growth is becoming stunted and stable development is under threat. The availability and the tasks of discovering other sources of petroleum fuel are scarce or costly. In this regard, Bioenergy is a ray a hope instead of petroleum based traditional fuels in transportation sector.

The objective of the seminar is to provide a platform for an interaction among academicians, scientists, Engineers, students to discuss about latest advances, current developments, technological trends and challenges in the field of alternate fuels. The Programme encompasses lecture sessions by eminent resource persons with vast experience in research in the respective domain.

CHIEF PATRON :

Sri V.Muniyappa, Chairman, SVGI, Bengaluru.

PATRON :

Dr. M. Shashidhar, Chief Executive Director, SVGI, Bengaluru

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Dr. Shrishail Kakkeri, Professor & Head, Department of ME, SVCE, Bengaluru.

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Sri. Sondur S. N, Principal Scientific Officer, KSCST, Bengaluru.

Sri. Basavaraj Ramnal, Chairman, KSBDB, Bengaluru

Sri. V Yeshavanth, Managing Director, KSBDB, Bengaluru

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Dr. Radhakrishna, Secretary, ICI, Bengaluru Centre.

Dr. Ashwath M U, Vice President(South), ICI.

Dr. R Suresh, Professor -MED & Coordinator- Biofuel I&D Centre, SIT, Tumkur.

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CALL FOR PAPERS:

Unpublished original research contributions are invited from prospective authors from industries, Academic Institutions, R&D organizations and professional Engineers.

Last Date for Registration: 14/02/18

REGISTRATION FEE:

Faculty/Industrial Persons:-Rs. 1000/-, UG/PG Students :- Rs 600/-

PARTICIPATION: Faculty members from Colleges/Institutions and Universities/Practicing Engineers in the field of Renewable Energy/ Transportation Sector and Students of B.Tech/ BE/M.Tech/ME are eligible to participate.

PAYMENT: All payments are to be made through crossed Demand Draft / Cheque, drawn in favor of "The Principal, Sri Venkateshwara College of Engineering", payable at Bengaluru.

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