



SRI ADICHUNCHANAGIRI SHIKSHANA TRUST (R.)
ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, Belagavi.)

Approved by AICTE New Delhi and Recognised by Govt. of Karnataka.

ACCREDITED BY NAAC, TWICE ACCREDITED BY NBA

**POLICY DOCUMENT ON ALTERNATE SOURCES OF ENERGY AND
ENERGY CONSERVATION**

Adichunchanagiri Institute of Technology has a full-fledged laboratory centre for production of biofuels. The term biofuel as understood in the modern context, has two major offshoots namely, biodiesel and bioethanol. Globally, biofuels have caught the attention in last decade and it is imperative to keep up with the pace of developments in the field of biofuels. This policy aims to bring in renewed focus taking into context the international perspectives and National scenario primarily by utilization of indigenous feedstock for production of biofuels. AIT campus has prepared a road map to reduce the import dependency on fuels for college transportation vehicles as the crude oil price has been fluctuating in the current Indian market.

Vision:

Energy production from renewable resources is a key component of the future energy mix. Renewable raw materials have the potential to permanently replace fossil fuels and simultaneously solve the problem of surplus agricultural production in Chikkamagaluru district. We aim to consolidate and expand our position as one of Chikkamagaluru's leading producers of biofuels.

Mission:

With the production of our biofuels 'made in AIT campus', we are always one generation ahead. We are committed to the principle of sustainability and treat natural resources carefully and responsibly. Using the latest technologies, we contribute to safeguarding the energy supply. And with our fuels cutting CO₂ emissions by up to 80% compared to fossil fuels.

Objectives:

1. Environmental benefits.
2. Improving and stabilizing farm incomes.
3. Rural development.

C.T. Jayadeva

Dr. C.T. JAYADEVA

Principal

B.E., M.Tech., Ph.D

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|| Jai Sri Gurudev ||

Estd : 1980

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Policy:

1. The Policy aims to increase usage of biofuels in the energy and transportation sectors of the institution during the coming decade.
2. The Policy aims to utilize, develop and promote domestic feedstock and its utilization for production of biofuels thereby increasingly substitute fossil fuels while contributing to National Energy Security, Climate Change mitigation, apart from creating new employment opportunities in a sustainable way.
3. The policy will also encourage the application of advance technologies for generation of biofuels.
4. The Goal of the Policy is to enable availability of biofuels in the market thereby increasing its blending percentage. Currently the ethanol blending percentage in petrol is around 2.0% and biodiesel blending percentage in diesel is less than 0.1%.

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