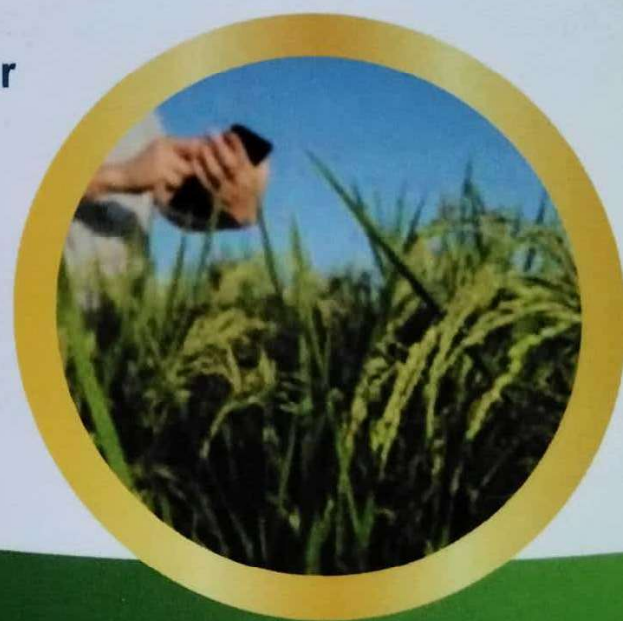




SUSTAINABLE AGRICULTURAL DEVELOPMENT: CHALLENGES AND STRATEGIES

Editors

Dr. P. Pattinathar
Sri A. Satheesh Babu
Dr. M. Arulmaran
Sri N. Dhinakaran
Dr. G. Ashok Kumar



DEPARTMENT OF ECONOMICS

VIVEKANANDA COLLEGE

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National Seminar on
SUSTAINABLE AGRICULTURAL DEVELOPMENT:
CHALLENGES AND STRATEGIES (NSSADCS)

23rd March 2018 (Friday)

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Under



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In Collaboration with



Centre for Education and
Rural Development, Madurai

Organised by

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National Seminar on

**Sustainable Agricultural Development: Challenges and Strategies
(NSSADCS)**

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INDIAN AGRICULTURAL INFRASTRUCTURE & RURAL DEVELOPMENT IN INDIA

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Introduction

The studies unanimously confirm that rural infrastructure is a sine qua non for significantly improving the quality of human life and phenomenally accelerating the process of agricultural development. Infrastructure projects, however, involve huge initial capital investments, long gestation periods, high incremental capital output ratio, high risk, and low rate of returns on investments. Rural infrastructure has direct and strong relationship with farmers' access to institutional finance and markets, and increasing crop yields, thereby promoting agricultural growth. Agricultural infrastructure has the potential to transform the existing traditional agriculture or subsistence farming into a most modern, commercial and dynamic farming system in India. According to Wharton [1967] agricultural infrastructures are categorized into

- [i] Capital intensive, like irrigation, roads, bridges
 - [ii] Capital extensive, like extension services and
 - [iii] Institutional infrastructure, like formal and informal institutions.
- Infrastructure, such as irrigation, watershed development, rural electrification, roads, markets, in close coordination with institutional infrastructure, such as credit institutions, agricultural research and extension, rural literacy determines the nature and the magnitude of agricultural output in India. Adequate infrastructure raises farm productivity and lowers farming costs and its fast expansion accelerates agricultural as well as economic growth rate. It is acknowledged that infrastructure plays a strategic role in producing larger multiplier effects in the economy with agricultural growth. It is estimated that a 1% increase in the stock of infrastructure is associated with a 1% increase in GDP across all countries. The level of both physical and institutional infrastructure significantly influences the spread of proven and demonstrated yield enhancing agricultural technology.



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ABOUT THE COLLEGE

Vivekananda College was started by Founder-President Swamiji Chidhbhavanandhaji Maharaj of Sri Ramakrishna Tapovanam, Tirupparaithurai, Trichy in 1971. The College is an aided college affiliated to the Madurai Kamaraj University, Madurai. The College was re-accredited with 'A' grade (CGPA 3.59 out of 4.00) by NAAC in September 2015. The College was awarded College with Potential for Excellence by the UGC in April 2016.

Vivekananda College is a residential college functioning under Gurukula pattern. It is Man-making education, that is imparted in this institution, Culture, character and curriculum are the three facets of ideal education that make man a better man. This is possible only when the teacher and taught live together, The Gurukula system of Training is therefore a humble and systematic attempt in reviving the age old GURUGRIHAVASA for wholesome education, Attention to physical culture, devotion to duty, obedience to teachers, hospitality to guests, zest for life, love for the nation, and above all, humility and faith in the presence of God etc. are the values sought to be inculcated. All steps are taken to ensure the required atmosphere for the ideal life training.

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- B.Sc. (Physics)
- B.Sc. (Chemistry)
- B.Sc. (Botany)
- B.Sc. (Zoology)
- B.A. (Economics)
- B.A. (History)
- B.Com.

SF COURSES –UG

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- B.Com. (CA)
- B.A. (English)
- B.Sc. (Yoga)

AIDED COURSES – PG

- M.Sc. (Zoology)
- M.Com

SF COURSES– PG

- M.Sc. (Chemistry)
- M.Sc. (Botany)
- M.Sc. (Physics)
- M.A. (Applied Indian Philosophy)

Dr. S. RAJA **SWAMI VEDANANDA**
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