

PROFILE OF C.S.PRADEEP KUMAR

EXPERTISE IN PLANT BIOTECHNOLOGY, CONSERVATION
ENVIRONMENTAL SUSTAINABILITY & MANAGEMENT



**Plant Tissue Culture, Nurseries, Plantation, Hydroponics, Beneficial Microbes (BM)
Agri-Horticulture technologies, Biodiversity Parks, Bioenergy Crops & Carbon Sequestration,
Bio-engineering, Sustainable Environment Protection and Restoration technologies**

C.S. PRADEEP KUMAR

Founder & CEO

SYMBIO GREENTECH Pvt.Ltd

**An Incubate Company at EKTA INCUBATION CENTRE,
West Bengal University of Technology (WBUT),
Sector V, Salt Lake City, Kolkata, West Bengal, India.**

PRADEEP KUMAR'S PROFILE

Experienced over 21 years in Plant Biotechnology, Microbiology, Beneficial Microbes, Biodiversity parks, Bioenergy crops, Climate Change Adaptation and Mitigation, sustainable Environment Management Protection and Restoration projects by using Natural substrates, Sustainable plants and Beneficial Microbes (BM) through Bioremediation and Phytoremediation and Bio-engineering technologies in India and abroad.

Current Assignment

Founder & CEO

SYMBIO GREENTECH PVT.LTD.

Symbio Greentech Pvt.Ltd. (SGPL), an incubate company at EKTA Incubation Centre specialized in technology development of Beneficial Microbes (BM) and Bioenergy crops for Environment Management technology applications for Urban Renewal and Rural development.

Technical Director

NEBULA AGROTECH

Plant Tissue Culture Lab
Jamnagar, Gujarat, India

Production of Banana & Bioenergy Crops for domestic & Export market.
Export of ex-agar Banana Plants to Philippines & Morocco

National & International Collaborations:

Co-operation & facilitation through European Business Technology Centre (EBTC)

An EU Initiative - www.ebtc.eu

Globe Water AB, Stockholm, Sweden

Technology Collaboration in Contaminated Site management, Storm Water Harvesting etc..

Aqua – Q AB, Stockholm, Sweden

Clean Water technologies, Water Quality detection and online Microbial monitoring systems

The Bengal Chamber of Commerce & Industry (BCC&I) , 6 Royal Exchange, Kolkata.

MoU for executing Joint Venture projects in Environment Management in Kolkata.

INSTITUTIONAL DELEGATION

CONSULTANT – THE ENERGY & RESOURCES INSTITUTE (TERI) NEW DELHI, INDIA

Sustainable Bioenergy crop development and environment management with TERI – Micropropagation Technology Park - MTP (www.teriin.org)

TECHNOLOGY RESOURCE ASSOCIATE - BIOTECH CONSORTIUM INDIA LTD.(BCIL) DEPARTMENT OF BIOTECHNOLOGY (DBT) GOVT.OF INDIA on Plant Biotechnology, Environmental biotechnology, Quality Control & Lab Accreditation in India and Abroad.

INTERNATIONAL PROJECT ASSOCIATE - MISCANTHUS INTERNATIONAL LTD. NEW ZEALAND

Tissue culture plant production of Bioenergy crops, waste land plantation, biomass feed stock development for rural smoke free cooking fuel and carbon natural energy generation

INTERNATIONAL PROJECT ASSOCIATE–LULLFITZ NURSERIES, WANNAROO, PERTH, WESTERN AUSTRALIA

Identification of Western Australian coastal restoration crops as per the Australian Quarantine Inspection Services (AQIS) for Western Australian Coastal Restoration and Plantation Programme.

CONSULTANT - BIOTECHNOLOGY & ENVIRONMENTAL SUSTAINABILITY

PRICEWATERHOUSECOOPERS (PwC), KOLKATA.

Consulting Services for Climate friendly Interventions, Policies, capacity building and Sustainability Governance Under UK- KMC MoU on Low carbon & Climate Resilient Kolkata (www.pwc.in)

TECHNICAL CONSULTANT - International Council for Local Environment Initiative (ICLEI)

ICLEI – Local Government For Sustainability, New Delhi

Environmental Sustainability projects, Adopt Intergrated Urban Water Management (IUWM) Initiatives & Innovation of Climate Change in Urban India (<http://seas.iclei.org/>)

PROJECT CONSULTANCY

- **Project Consultant – Kutch Crop Services Ltd. A division of Excel Crop Care Ltd. (Mumbai)**
Project at Mundra, Gujarat, India.
Production of Date palms and Desert Agri - horticulture Projects
- **Project Consultant – Tamil Nadu News Print & Paper Mills Ltd. Karur, TN, India.**
Tissue culture lab design & Production of Eucalyptus spp. & Erianthus spp.
(a substitute for sugarcane bagasse) Nurseries, Plantation Developments and Environment Management
- **Project Consultant - Kadhema and Al Muhailan Farms, Wafra, Kuwait.**
Projects in Nurseries, Hydroponics, desert agriculture & Horticulture
- **Project Consultant - EDEN Commerce Sdn. Bhd. Kuala Lumpur , Malaysia & Philippines**
Environmental Restoration projects and Vertical Gardens

PROFESSIONAL EXPERIENCE:

AVT BIOTECHNOLOGY & PLANTATIONS LTD. COCHIN KERALA, INDIA

Designation: Research Associate

KRISHNENDRA BIOTECH, BANGALORE, INDIA.

Designation: Manager – Operations

E.K.PLANT TECHNOLOGIES PVT.LTD, MAKALI, BANGALORE, INDIA.

Designation: General Manager - Operations

SYNERGY BIOTECHNOLOGIES LTD. DURGAPUR, WEST BENGAL , INDIA.

Designation: Chief Operating Officer (COO)

MEMBER

- Member** : **Bengal Chamber of Commerce & Industry (BCC&I) , Kolkata.**
Energy & Environment Committee
- Guest Speaker** : **Administrative Training Institute (ATI), Govt. of West Bengal, India.**
- Member** : **Confederation of Indian Industry (CII) GreenCo Forum, Kolkata**
- Executive Member:** **Indian Vetiver Network (INVN) Kerala, India**

Countries Visited for Assignments

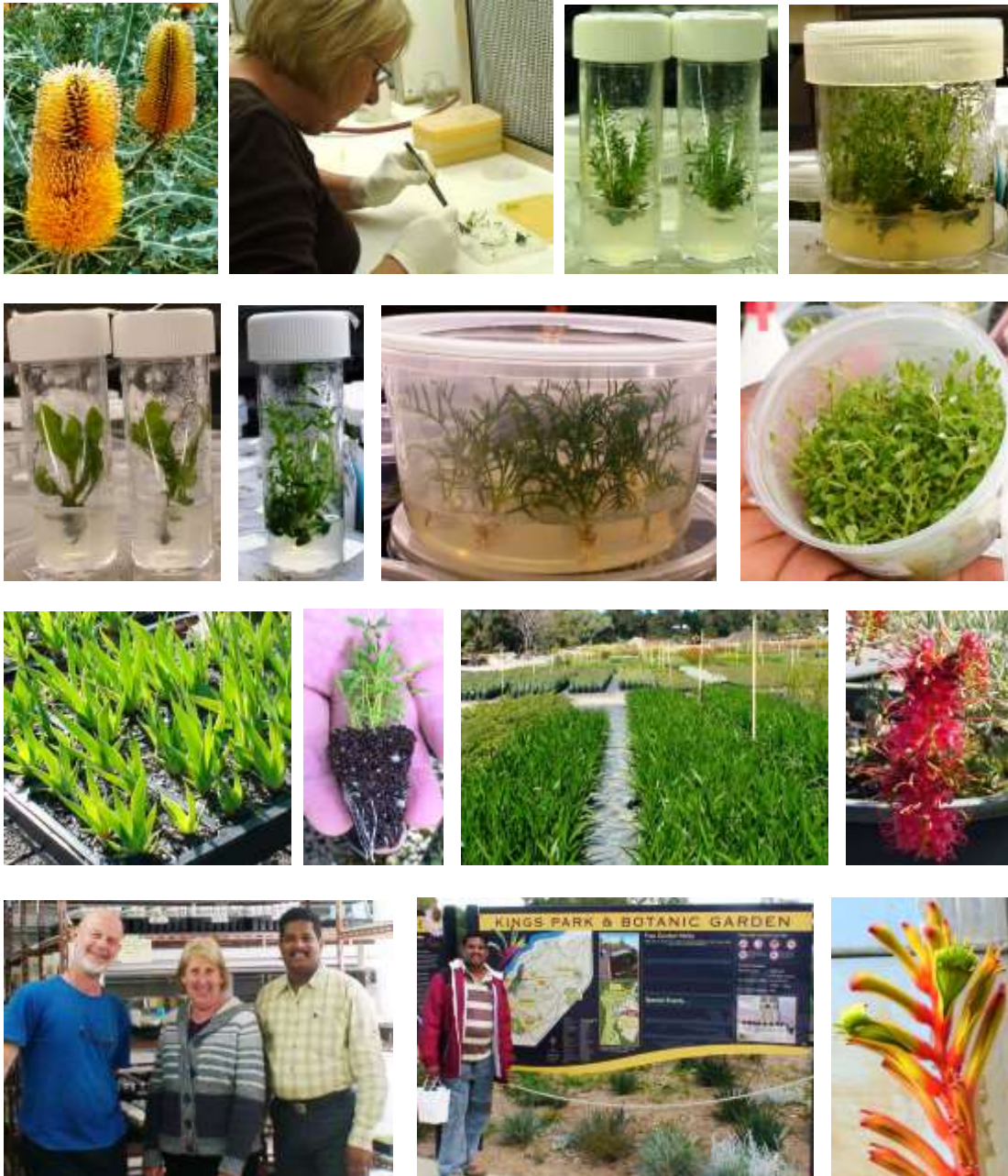
USA, Netherlands, UK, Germany, Australia, Belgium, Philippines, Singapore, Malaysia, UAE, Kuwait etc.

PLANT TISSUE CULTURE TECHNOLOGIES



Protocol developments & Mass production of Ornamentals and Banana

**Contract Research and Tissue culture Plant Production programme
On Western Australian (WA) Native Plants for re-vegetation
and Coastal Restoration Projects**



**Plant Breeder's Rights - Contract Production of Western Australian Plant Spp.
Australian Quarantine Inspection Services (AQIS) Accreditations and Western
Australian Coastal Restoration Programme
Kings Park Botanical Garden and Lullfitz Nurseries,
Perth, Western Australia**

Date Palm / Oil Palm Tissue Culture Technology



India's First Commercial Date Palm Project at Mundra, Bhuj, Gujarat, India

Promoted by Kutch Crop Services Ltd, a Division of Excel Crop Care Limited, Mumbai

BIOENERGY CROPS & PLANTATION CROPS

EUCALYPTUS – Paper & Viscose Production



Erianthus spp., Miscanthus spp. and Arundo spp., Tissue Culture Production and Plantations of BIO ENERGY Crops



**Carbon Sequestration, Bioenergy crop Plantation developments for rural
Development, integrated plantations for biomass carbon neutral Power generation**

***“Biomass is the cheap Solid fuel available in World derived from
Plant Matter to Generate Carbon Neutral Heat or Electricity”***

BAMBOO - Tissue Culture & Plantation Developments



**Biomass and Bioenergy crop Plantation developments, Carbon Sequestration,
In Association with The Energy and Resources Institute, (TERI), New Delhi**

HYDROPONICS



Hydroponics Project at Wafra, Kuwait

BENEFICIAL MICROBES (BM) FOR ENVIRONMENT MANAGEMENT



Development of Beneficial Microbes (BM) and sustainable crops for Environmental Restorations in River and Canal Restoration, Solid Waste Management, Slope Restoration, water treatment through beneficial microbes for Bio-remediation, phyto- remediation technology, river side sustainable crop plantations to control the soil erosion Bio-engineering and bioenergy crops to create a SUSTAINABLE CLEAN & GREEN ENVIRONMENT .

**SUSTAINABLE ENVIRONMENTAL RESTORATION TECHNOLOGIES WITH
BENEFICIAL MICROBES (BM) , PLANTS, JUTE / COCO GEO TEXTILES**



FLOATING GARDEN & PHYTOREMEDIATION TECHNOLOGY



SUSTAINABLE ENVIRONMENTAL RESTORATION OF CANALS & FLY ASH DUMP SITES



WATER BODY RESTORATION THROUGH FLOATING GARDENS

Address for Communication:

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