

GUJARAT TECHNOLOGICAL UNIVERSITY

Calling Faculties, ME and PhD students of GTU affiliated colleges to register for one day workshop.

GTU Board of Environment & Green Technologies
&
Central Research Institute for Dryland Agriculture, Hyderabad
is organizing One day workshop on
‘Use of Biochar In Agriculture & Pollution Control’
for the faculties & PhD-ME students of GTU.

Biochar, a solid byproduct of a pyrolysis process is used as a sorbent to remove toxic metals and nitro explosives from natural water and wastewater. Evidence shows that biochar can sorb dissolved metals and nitro explosives due to its high surface area and strong sorption affinity of aromatic organic compounds. Experts from CRIDA who are working in this field for last four years will be coming to GTU, Chandkheda to conduct this workshop and extensive interaction for future research and collaboration is expected out of this workshop. To register for this workshop, please click on below link before 19th August, 2014

<https://docs.google.com/a/gtu.edu.in/forms/d/1hKFWvoeaUZildWkmKgtQ9ku9aOjbHr0RcrxjCe1eWxM/viewform>

Please note: There is no registration fees however; due to limited seats, you are requested not to remain absent after registering. A serious note of your absence will be taken by GTU.

About CRIDA: It is a National Research Institute under the Indian Council of Agricultural Research (ICAR) established in 1985 with a mandate to carry out basic and applied research in rain fed farming. The Institute also undertakes National/ International Collaborations and Consultancy Projects. All India Coordinated Research Programmes (AICRPs) of ICAR on Dryland Agriculture and Agrometeorology with 25 partners each are in CRIDA. This is the lead Institute and the National Nodal point for the National Initiative on Climate Resilient Agriculture (NICRA) which is being implemented at large number of Research Institutes of ICAR, State Agricultural Universities and 100 KVKS.

Tentative Schedule

One-Day Workshop on “Use of Biochar in Agriculture & Pollution Control”

Venue: Gujarat Technological University, Ahmedabad

Date: 24th August, 2014 (Sunday)

Tentative Programme

S. No.	Time	Topic
1	09.30 – 10.30	Inauguration & Introduction to Workshop: About the on-going research work on biochar at CRIDA under NICRA by Dr M. Maheshwari, Director, CRIDA
2	10.30 – 10.45	Tea
3	10.45 -11.30	Biochar: Preparation from different organic residues and their characterization
4	11.30 – 12.15	Optimization of application of biochar for enhancing crop productivity in different soils
5	12.15 – 13.00	Effect of application of biochar on physical, chemical and biological properties of soils and crop production
6	13.00 – 14.00	Lunch
7	14.00 – 14.45	Biochar for reducing greenhouse gas emissions and sequestering carbon in soils
8	14.45 – 15.30	Biochar for soil and water pollution remediation
9	15.30 – 15.45	Tea
10	15.45 – 16.30	Constraints and Opportunities of use of biochar in Indian agriculture
11	16.30 – 17.30	Valedictory

NOTE: Each presentation total duration: 45 minutes (20 min for presentation and 25 min for discussion)