POSITION: Research Engineer

RESPONSIBILITIES:
Research Engineer will be responsible for implementation of research and developmental project that involves evaluation of process operational parameters on production of densified bio-coal from bagasse, both on pilot and demonstration scale torrefaction systems. Candidate should implement this project in-line with specified project objectives, goals and strictly adhere to set milestones. Duties will involve safe operation, data collection, and trouble shooting as needed on the pilot scale torrefaction reactor system. Also, this position is expected to directly supervise and work with students at all levels and a technician to perform required experimental and analytical work relevant to the project. In addition, this position requires traveling to project sponsors location and work with engineers on site to develop experimental methodologies, assist in data interpretation, collect samples, and gather necessary data for further analysis. Also, this position requires working with minimal direct supervision and be in a position to interpret and analyze large amounts of data generated/gathered, develop mathematical/statistical models and be in a position to independently prepare monthly and quarterly progress reports. Duties will also include active involvement and participation in procuring external federal and state R & D grants.

QUALIFICATIONS:
M. S. in Chemical Engineering or closely related field is desirable, however, B. S. degree with equivalent work experience in the relevant field will suffice and will be considered. In addition, this position requires at least 2 years of experience working directly with pilot/demonstration scale systems in the area of thermochemical conversion of biomass/waste to Energy.

UNIVERSITY AND COMMUNITY:
The mission of the University of Louisiana at Lafayette is to offer exceptional education informed by diverse world views striving to develop innovative leaders who advance knowledge. The Southern Association of Colleges and Schools Commission on Colleges accredits the University, which offers undergraduate and graduate degrees in the arts, sciences, and professional programs. The University is a public research university with high research activity, an enrollment of over 18,000 students and 800 faculty members. UL Lafayette is the largest of nine universities in the University of Louisiana System. The University offers degree programs in 55 undergraduate disciplines, 15 post-bachelor certificates, seven graduate certificates, the master’s degree in 28 disciplines and the doctorate in 10 disciplines. Additional information about the University is available on the University's webpage at http://louisiana.edu/

The core values of the University include: equity, integrity, intellectual curiosity, creativity, tradition, transparency, respect, collaboration, pluralism, and sustainability.

SALARY: Commensurate with experience.

ANTICIPATED STARTING DATE: 09/01/2017

APPLICATIONS:
For consideration, please submit a cover letter, curriculum vitae, and references (at least 3) to the principal investigator on this project and the head of search committee; Dr. Prashanth Buchireddy, Assistant Professor, Department of Chemical Engineering via. email at pxb5173@louisiana.edu

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