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FACULTY OF APPLIED SCIENCES
DEPARTMENT OF APPLIED CHEMISTRY

A comparative study of recent developments in coal
briquetting technology.

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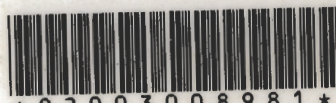
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ABSTRACT

The study of cool Briquetting is aimed at providing a substitute fuel to firewood for both domestic and industrial use. The project is of national interest as it will not only arrest the problem of deforestation but will also provide a relatively cheaper alternative fuel.

Coal briquettes according to the study, is manufactured using locally available and cheap raw materials. Raw materials used are coal middling, clay, lime powder and ignitor viz peanut shells, saw-dust and used oil.

The briquette has an advantage of a combustion process which is complete and smokeless, a long lasting high temperature and a stable calorific value with minimal escape of toxic gases over other fuel sources like coal, wood etc.

The study is however theoretical as it was not possible to perform experiments due to extenuating circumstances.