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4.	Area of Technology (e.g. materials, health care, etc.): Flame Synthesis of Carbon Nanotubes
5.	Web link, if any: http://www.ijser.org/ResearchPaperPublishing_November2012.aspx
6.	Description in 500 words: A statistical designed experimental approach was followed to inve structures utilizing domestic Liquefied Petroleum Gas (IS - 4576) as the fuel. LPG flow rate, C generate different flame conditions based on varying one factor at a time (OFAT) approach. experiments. The 16 samples of soot with different flame conditions were collected on the s surface temperature were analyzed by Analysis of variance (ANOVA) to ensure that the expe microscope (TEM) images showed the growth of well aligned single walled carbon nanotube length. In the present study the parametric range for producing the single walled carbon - na
7.	Keywords: Flame synthesis, carbon nanotubes, pyrolysis, DOE, LPG, Single walled carbon nanotube