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#15, Mallasandra, Off. Kanakapura Main Road, Bengaluru - 560 109.

Tel: 080 - 28425012 / 13 / 163, Fax : 080 2842 5164. www.kssem.edu.in



This is to certify that **Dr. P N JYOTHI** of Mechanical Engineering Department has been successfully guided the project titled "**Performance Evaluation of Nano based Bio-oils as cutting fluids for Drilling operation of Mild Steel**" sponsored for the amount of Rs. 8000 by KSCST, Bengaluru in the year 2016-17. In recognition of this extraordinary achievement that has brought laurels to the Institute and for inspiring others, the Management of KSSEM has conferred this honour of felicitation during the INAUGURATION of Firstyear BE on 5th August 2017.

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Dr. P.N. JYOTHI of the Department of Mechanical Engineering of our Institute has published a paper entitled **"Physical Properties of Bio-oils used as cutting fluids during drilling operation of Mild steel"** in International Journal of Advanced Research in Mechanical Engineering and Technology. In recognition of this extraordinary achievement that has brought laurels to the Institute for inspiring others, the Management of KSSEM has conferred this honour of felicitation during the INAUGURATION of First year BE on 5th August 2017.

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CERTIFICATE OF APPRECIATION

Dr. P.N. JYOTHI of the Department of Mechanical Engineering of our Institute has published a paper entitled **"Influence of non-edible vegetable based oil as cutting fluid on chip, surface roughness and cutting force during drilling operation of Mild Steel"** in International Journal of Advances in Materials and Manufacturing Applications - IConAMMA. In recognition of this extraordinary achievement that has brought laurels to the Institute for inspiring others, the Management of KSSSEM has conferred this honour of felicitation during the **INAUGURATION of Firstyear BE on 5th August 2017.**

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Dr. P.N. JYOTHI of the Department of Mechanical Engineering of our Institute has published a paper entitled "**Performance evaluation of NEMM oil and HONGE Oil as cutting fluid in drilling operation of mild steel**" in International Conference on Innovative and Smart Materials- ICISM. In recognition of this extraordinary achievement that has brought laurels to the Institute for inspiring others, the Management of KSSEM has conferred this honour of felicitation during the INAUGURATION of Firstyear BE on 5th August 2017.

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