



National Innovation Foundation

Assam Innovates



Honey Bee Network



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HONEY BEE NETWORK

Regional Collaborator
IIT, Guwahati



Ravi Jyoti Deka
Kamrup

Low pollution bullet motorcycle

Deka, a commerce graduate, has a keen interest in the field of Automobiles. He has installed double spark plugs in the existing Enfield bullet motor cycle by removing the cylinder. Decomposition valve position is converted in to second spark plug and decompressor is shifted to the bottom of the cylinder head. Exhaust push rod, ignition coil and circuit have also been modified to adjust the spark plugs. Oil seal is fitted in valves to reduce the oil consumption. With this, he has overcome the problems of low mileage and high pollution.

It is interesting to note that the same concept has been adopted in new motorcycles launched in recent times by the established players in the country without any credit to him, of course.

