

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

Report on
Training Program at SRFMTTI
Tractor Nagar, Ananthapuramu
28 June 2015 to 3 July 2015



Coordinated & Report submitted by: Mr. P. Rayudu, Department of Mechanical Engineering.

Number of students: 50 students - B.Tech - III year ME

The students reached Southern Region Farm Machinery Training and Testing Institute (SRFMTTI) on 28th June 2015. The training started on 29th June 2015. Mr Chandra Mouli and Mr. Rayudu P addressed during the inaugural session. The in-charge of training center had explained the rules & regulations to be followed at the institute during our training period.

On 29th June 2015, they taught the students about the introduction to I.C. engines. The next day i.e. on 30th June 2015 the teaching was on the tools required for dismantling & assembling of single cylinder diesel engine. On July 1st, 2015 demonstrated how to dismantle the parts of single cylinder diesel engine & they gave us detailed information on engine components. On the next day i.e. July 2nd, 2015 the training on assembling the single cylinder diesel engine. On the final day i.e. on July 3rd, 2015 the students performed the final dismantling & assembling of single cylinder diesel engine all the students performed the hands on assembling and dismantling of IC engine. Students also tested the various parameters of single cylinder diesel engine like valve clearance, crank pin diameter, diameter of a liner, taper & ovality etc. Also performed the dismantling & assembling operations on Fuel Injection Pump (FIP) & Fuel Injector. Apart from these, the students also got an exposure to the transmission system & working of engines in the tractors. Also seen the different farm machineries implements which are being used for agriculture.