

2. START-UP - ANNAMAYA MODIFIED AIR SUSPENSION SYSTEM INDUSTRY PRIVATE LIMITED.

Date of registration of Company: **03-09-2021**.

The Corporate Identity Number of the company is **U34200AP2021PTC119317**.

The Permanent Account Number (PAN) of the company is **AAVCA7290E**

The Tax Deduction and Collection Account Number (TAN) of the company is **VPNA06604D**.

Startup Certificate no.: **DIPP87176**

Startup Certificate Date of Issue: **28-09-2021**

Startup Certificate Valid Upto: **02-09-2031**

Details of the Students and Faculty:

Director-1: Dr.D.Krishna Mohan Raju

Professor & Dean of Innovation and Incubation Centre, Mechanical Engineering Dept., AITS-Rajampet.

Director-2: K.Siva Prasad.

H.T.No.:18705A0329, Mechanical Engineering, AITS-Rajampet.

Member: C.ChandrSekhar.

H.T.No.:15701A0315, Mechanical Engineering, AITS-Rajampet.

BUSINESS DETAILS:

The company is planning to develop the successful working prototype of Modified Air Suspension System suitable to particular automobile. Dr.D.Krishna Mohan Raju has received the Patent grant for the above mentioned invention. We are planning to establish the industry in the Annamacharya Institute of Technology and Sciences, New Boyinapalli, Rajampet-516126, Kadapa District. After successful development of working prototype, the industry is planning to manufacture the Modified Air Suspension System and supply to that particular Automobile Industry.

SPECIALITIES:

In the existing air suspension system used in the automobile, when the vehicle travels through bumps and pits the air pressure in the air suspension system is maintained constant by allowing pressurized air to escape into the atmosphere or supplying the high pressure air into the air suspension system. The processes of removing air and supplying air to maintain the constant pressure in the air suspension system is time taking process, because of that the vibration of vehicle is not completely solved.

In the present patented invention, the pressure of compressed air in the air suspension system reservoir is adjusted during the starting of vehicle based on the load on the vehicle. The pressure changes in the air suspension system reservoir is negligible while the vehicle is travelling over the bumps and pits, thereby the forces of the air suspension system on the chassis will be negligible. So, vibration of vehicle body will be negligible.

SUCCESS STORY:

The Start-up company is still in the process of consulting the automobile companies to get the funds for developing Modified Air Suspension System suitable to a particular vehicle successfully. Afterwards only, we are planning to raise the funds from Angel investors and banks for establishing the manufacturing industry to manufacture Modified Air Suspension System. After establishing the Modified Air Suspension System manufacturing industry, the proposed start up generate the revenue by supplying the Modified Air Suspension System systems to the tied up automobile manufacturing company.