

Project # 2 - COMPANY NAME: - Amar Pharmaceuticals & Labs (India) Pvt. Ltd.

Contact person: - B.B Gulati

Contact Details: - 9415044886

Pharmaceutical Sector

Company is manufacturer of all kinds of ayurvedic medicines like lecol syrup, femaline syrup etc.

Problems statement:

☑ **Test of heavy metal by assay**

☑ **G.L.C Assay**

☑ **Atomic absorption spectroscopy**

☑ **Handling of microtome, Reduced viscosity meter Binocular**

☑ **Spectroscopy(U.V)**

1. Brief description about the project –

Although I have not been conversed with the project heads, but based on the requirements it seems like similar strategy will be useful for their problem as well. Following are the sub domains we can work upon.

- a. Visiting their manufacturing company and do little home work to give suggestions
- b. Thinking of some new herbal products to target the diseases they are asking for (for this we have to visit some agriculture/ herbal university.
- c. Find some scientific solutions suited to their needs
- d. Drawing and systematic profit and based analysis (using excel file) or if possible writing algorithm and develop one good software for them

2. Tentative time line –

Six to twelve months.

3. Required Background of the student – (graduate or undergraduate, researcher)

- a. Biological sciences / pharmaceutical sciences / or agricultural sciences / or unani medicines
- b. Chemical sciences or chemistry
- c. Computer sciences
- d. Material sciences

4. Approximate number of students required - depends.