NAAN MUDHALVAN ASSIGNMENT

NAME : KARTHICK K

NM ID : 8A1F13B394C3BA68CE84ED9CF6C343AA

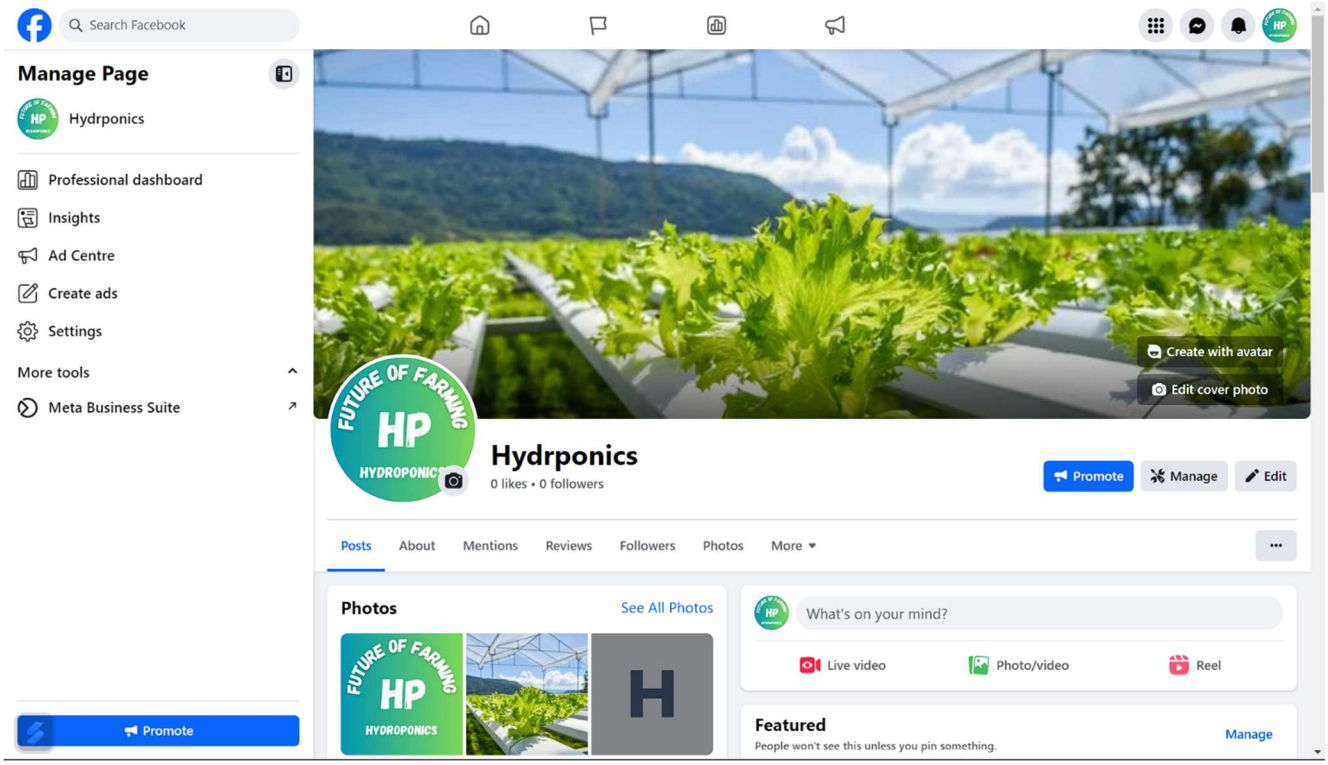
COLLEGE CODE : 6122

COLLEGE NAME : SENGUNTHAR COLLEGE OF ENGINEERING

1. Create a blog or website using Blogspot and WordPress. Customize the theme design and post new article with 500 words.

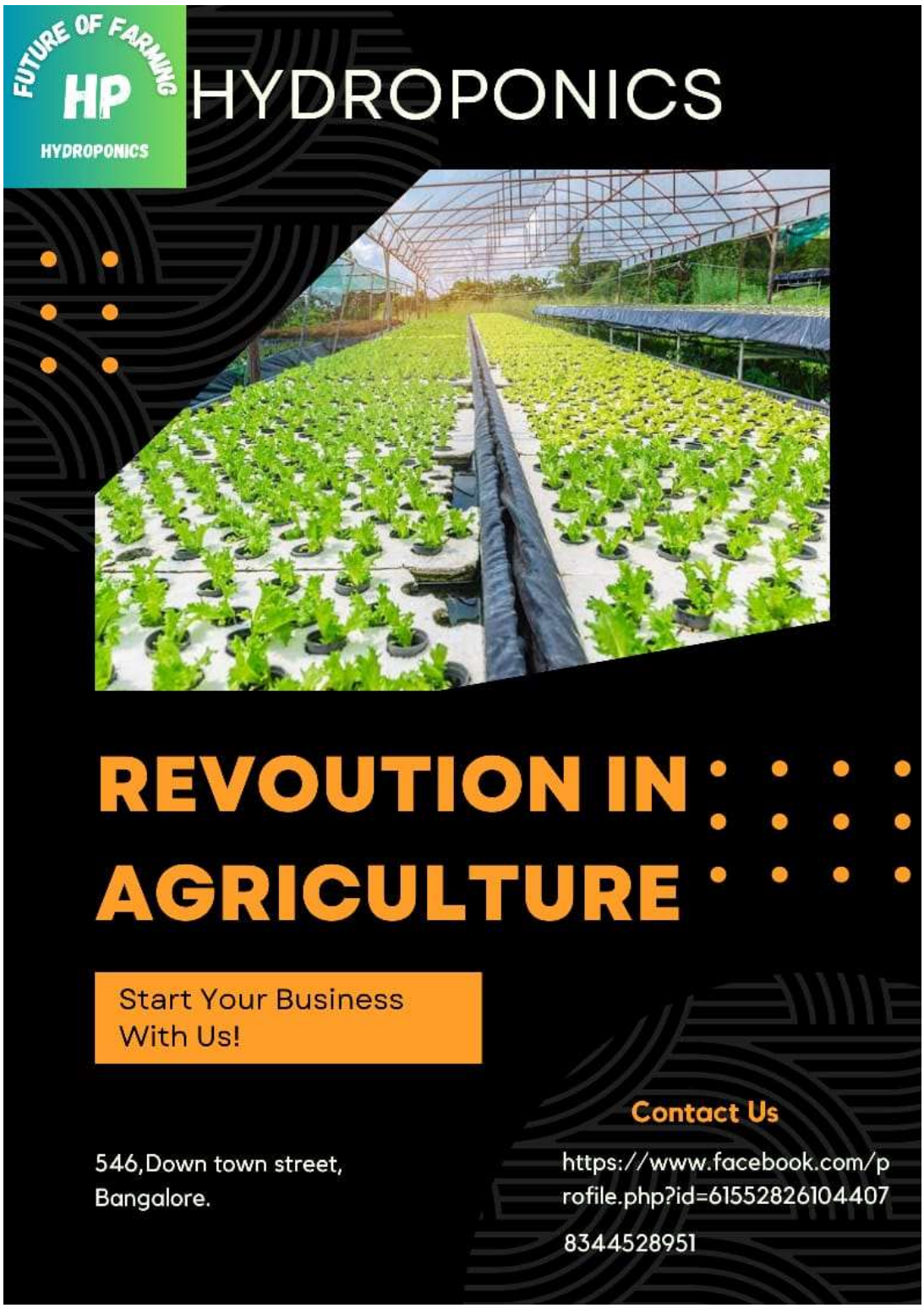
   BLOGGER LINK: https://hydroponicstechnology.blogspot.com/

2. Create a New Facebook Business Page and post one social media poster for your brand.



FACEBOOK LINK : https://www.facebook.com/profile.php?id=61552826104407

3. Create and design a social media advertisement poster using canva.



4. Create email newsletter design using MailChimp or canva tool.

HYDROPONICS

Hydroponics is the technique of growing plants using a water-based nutrient solution rather than soil, and can include an aggregate substrate, or growing media, such as vermiculite, coconut coir, or perlite. Hydroponic production systems are used by small farmers, hobbyists, and commercial enterprises

HOW IT WORKS?

Hydroponic systems work by allowing minute control over environmental conditions like temperature and pH balance and maximized exposure to nutrients and water. Hydroponics operates under a very simple principle: provide plants exactly what they need when they need it. Hydroponics administer nutrient solutions tailored to the needs of the particular plant being grown. They allow you to control exactly how much light the plants receive and for how long. pH levels can be monitored and adjusted. In a highly customized and controlled environment, plant growth accelerates.

FUTURE OF HYDROPONICS

According to Research, the global hydroponics market is predicted to be valued at USD 22.2 Billion in 2028 from USD 9.5 Billion in 2020, occupying a CAGR of 11.3% throughout the forecast period. Hydroponics is a profitable technology, which is also environment-friendly. This technology is highly promoted by several governments and private firms for its numerous advantages in food security. Growing demand for supplying food against the considerable population is thus propelling the industry growth.