Srishyla Educational Trust (R)

GM INSTITUTE OF TECHNOLOGY

Approved by AICTE | Affiliated to V.T.U.Belgaum | Recognized by Govt. of Karnataka

NBA NATIONAL BOARD OF ACCREDITATION Accredited Programs CSE/ECE/CE/ME

NAAC

Member of NASSCOM

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Technical Talk

On

"Social Connect and Responsibilities"

24/01/23

Resource Person/s

Mr. Basavanagowda M G
Senior Scientist (Horticulture)
ICAR- Taralabalu Krishi Vigyan Kendra
Kadalivana, Davangere-577004

Event coordinators
Mr. Suprith P G/ Ms. Deepika V B
Assistant Professor

Verified by
Dr. Praveen J
Head of the Department
Head of the Department
Dept. of Elect. Comm. Engg.
GM Institute of Technology
DAVANGERE-577 006

Checked by
Dr. Sunil Kumar B S
Dean Academics
DEAN ACADEMICS
G.M. Institute Of Technology
DAVANGERE-577006.

Checked by
Dr. Praveen J
IQAC Director
Dr. Praveen J
IQAC Director
GM Institute of Technology
Davangere - 577 006.

Approved by
Dr. Sanjay Pande M B
Principal

Report On "Social Connect and Responsibilities"

The Department of Electronics and Communication Engineering, GM Institute of Technology, Davangere organized a Technical talk on **"Social Connect and Responsibilities"** by the resource person **Mr. Basavanagowda M G,** Senior Scientist (Horticulture), ICAR- Taralabalu Krishi Vigyan Kendra, Kadalivana, Davangere-577004, on 24th January 2023 at 10.00 am in Civil Seminar Hall.

Dr. Sanjay Pande M B, Principal was presided over the function. **Dr.Praveen J**, Professor & Head, ECE department, **Prof. Suprith P G** and **Prof. Deepika V B**, Coordinators of the event were also present.

The faculty members of ECE and the 3rd semester students of ECE were present in the seminar and Dr. Praveen J, Convener & Head, ECE department addressed the students about the importance of the seminar topic and Course Objectives of the course Social connect and Responsibilities. The 3rd semester students Preethi G V and Chandrashekhar J S carried out the Program and Deepika M G welcomed the gathering and Hemanth Kumar D introduced the chief guest **Mr. Basavanagowda M G,** Senior Scientist (Horticulture), ICAR-Taralabalu Krishi Vigyan Kendra, Kadalivana, Davangere to the audience.

The key note speaker of the seminar Mr. Basavanagowda M G, started the presentation by giving introduction about the Organic Farming. He also gave awareness and importance of the Organic Farming in the agriculture, explained about the Green Revolution, Strategies adopted for Green Revolution, Impact of Green Revolution and its wide area of applications in agriculture field.

The key note speaker of the seminar Mr. Basavanagowda M G, started the presentation by giving introduction about the Social Connect and Responsibilities. He also gave awareness and importance of Organic Farming, explained about the Green Revolution strategies and its impact and its wide area of applications in agriculture field.

- Use of High yielding varieties, Use of chemical fertilizers and pesticides
- New projects were built, irrigation potential generated and Use of tractors, motor pumps & farm machinery increased and Banks lent Agricultural loans to farmers.
- The Green revolution in Agriculture increased the yields of food crops ie., Rice, Wheat.

- Nation attained self sufficiency in food production and GOI started maintaining Buffer stocks *(started FCI during 1964)* of food, fertilizers and seeds.

- Government able to curb inflationary trend of food products.

- Aftermath: Fertiliser responsive, Photo insensitive HYVs highly prone to Pests and diseases. Indiscriminate use of chemical fertilizers & pesticides caused pollution and Mechanization triggered Agricultural labour unemployment and this increased disparity between large and small farmers.

- Need of Organic Farming:

  - Excessive use of chemical fertilizers reduces the fertility of the soil.
  - Excessive use of chemical has led to soil, water and air pollution.
  - To conserve Ecosystem.
  - Promote sustainable development and inexpensive farming.
  - Increased demand for organic products due to safety of food.

- The principles of Organic Farming and benefits of Organic Farming, Components, types of Organic Farming and limitations of Organic Farming.

- Replacement of Modern Agriculture by Organic Farming and which are the Government Schemes Promoting Organic Farming In India

- Proper waste management is necessary because, it will help in reducing Greenhouse gas emission, Toxic gas explosions, Waste Landfill Air, soil and water pollution, etc.

- Water Conservation Technologies in Farming like., Drip Irrigation, Capturing and Storing Water, Irrigation Scheduling, Drought-Tolerant Crops, Dry Farming, Compost and Mulch, Cover Crops, Conservation Tillage, Going Organic, etc. Were also explained by the key speaker in the seminar.