CATEGORY DESCRIPTIONS

**1. Behavioral and Social Science (BESS)** – Human behavior, social and community relationships.

**2. Biochemistry (BC)** – Chemistry of life processes-molecular biology, molecular genetics, photosynthesis, food chemistry, hormones, enzymes, etc.

**3. Botany** **(BOT)**– Study of plant life-agriculture, horticulture, forestry, plant taxonomy, plant psychology, plant genetics, hydroponics, algae, etc. Please monitor projects to respect all life (plants and animals).

**4. Chemistry (CHEM)** – Study of nature and composition of matter and laws governing it.

**5. Computer Science (CSCI)** – Study and development of computer software and hardware and associated logical devices.

**6. Earth and Space Sciences (ESS)** – Geology, mineralogy, psysiography, oceanography, meteorology, climatology, astronomy, speleology, seismology, geography, etc.

**7. Engineering** **(ENG)**– Technology: projects that directly apply scientific principles to manufacturing and practical uses.

**8. Environmental Sciences (ENVIR)** – Study of pollution (air, water, and land) sources and their control; ecology.

**9. Mathematics (MATH)** – Development of formal logic systems or various numerical and algebraic computations, and the applications of these principles-calculus, geometry, abstract algebra, number theory, statistics, complex analysis, probability.

**10. Medicine and Health** **(MEDH)** Study of diseases and health of humans.

**11. Microbiology (MICB)** – Biology of microorganisms.

**12.** **Physics (PHY)** – Theories, principles, and laws governing energy and the effect of energy on matter.

**13.** **Zoology (ZOO) –** Study of animals, including diseases, behavior, and health.