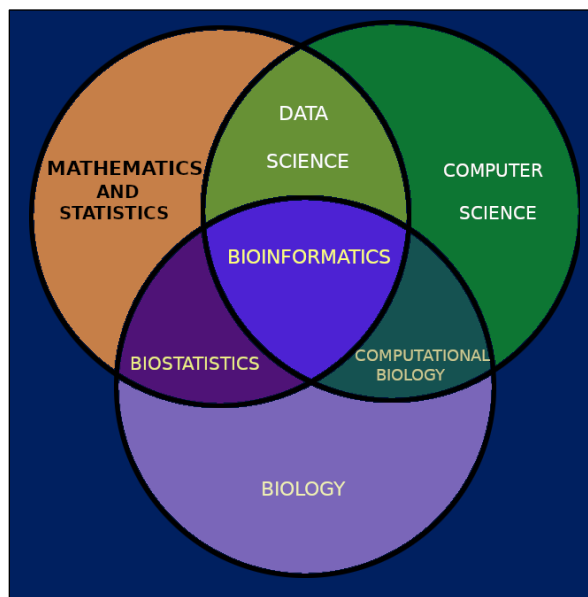## *OUR RECENT ACTIVITIES*

EXPERTEZE has designed and delivered many programs for students, teachers and industrial partners. We have made significant progress in our offerings, including the following:

- ✓ A Webinar on career opportunities in Artificial Intelligence and Data Science was held on November 6, 2020. In this seminar we presented an overview of the AI/DS landscape and described various career opportunities for students and professionals.

- ✓ We are creating an Experteze task force on Covid-19 as one of our new research tracks. We have an opportunity to join as a team the international collaboration of scientists, physicians and researchers to address the COVID-19 challenge.

- ✓ The graduation ceremony for the first cohort of Experteze students was held jointly with RVS College of Arts and Science and Experteze on September 28,2020. 13 students and 2 staff members received their certificates and were inducted into the Experteze Research Team.

- ✓ We have completed the second cohort of the Bioinformatics program namely Bioinformatics Boot camp followed by the EXPERTEZE independent project.

This attracted people from various institutions and they showed significant interest and more than 200+ students and staff members registered. 30 participants followed up with the independent research program forming 8 teams. The teams came up with exciting project ideas including State-of-the-art Artificial Intelligence and Machine Learning algorithms for bioinformatics, applied research on Alzheimer's disease and Parkinson's disease, therapeutic approach of native medicinal plants and using snake venom as therapeutic agent. Reports of these independent research projects will be posted in our online repository at experteze.org.

✓ We have a team consisting of about 30 research members with various academic credentials operating under Dr. Subha Priya, Vice President of EXPERTEZE Research Team. We have extended our research tracks on various areas of Bioscience to include Artificial Intelligence and Machine Learning applications of Bioinformatics, Alzheimer's Disease, Parkinson's Disease, Medicinal Plant, Antibiotic Studies, COVID-19 track force etc.

✓ In response to requests from our participants, we have enhanced our Circle of Excellence program to include additional areas of Engineering and Technology as well as humanities and social sciences such as Peace and Social Justice. We have enthusiastic coordinators assigned for various fields like Mathematics, Physics, Economics, Engineering (Aeronautics), Peace and Social Justice. We have received support from young talented volunteers from High school and Universities for these circles. We have additional volunteer positions available and we welcome people with potential and interest to work along with us and to contribute to the team.

We have exciting extensions planned for our Circle of Excellence program, so please stay tuned!

✓ We are launching the EXPERTEZE Internship program and Independent Project initiative to bring up new innovative ideas from younger generation. As part of this initiative, we are accepting applications and ideas from people who are interested to work with our EXPERTEZE Research Team (Please note that there is an enrollment fee for this program). This program is ideal for recent graduates who wish to get more industry specific experience and to build up their career profile.

✓ We launched our Canadian subsidiary to support the Job Retraining initiatives of the Canadian government and we are working on building collaborations with Canadian Universities in this regard. Please visit our site www.experteze.ca for more details.

✓ By popular demand, we are extending our course offerings to include Artificial Intelligence, Machine Learning and Data Science areas. To address the needs of our participating university partners, we have designed and are offering a Faculty Training initiative under license the course materials and training sessions so that they can continue to offer quality instruction programs for their students. Please contact us for further details.

UPCOMING COURSE OFFERS:

1. *Bioinformatics Foundation Course*

2. *Bioinformatics Boot Camp Program for Advance level Students*

3. *Advance approach on Artificial Intelligence and Data Science*

Please refer to our website for further details.

We are excited about the progress we have made so far, and are looking forward to continued progress in the coming years. The best part of our work is when we see that we are making a difference in the lives of young students and giving them a meaningful direction so they can make a difference. We sincerely thank all our supporters and look forward to their continued support and encouragement.

Please feel free to contact us to learn more about our organization and initiatives.