

ABOUT **EXPERTEZE**

Experteze is a non-profit organization based in USA/India/Canada dedicated to promoting global science and technology education and research. We work collaboratively with universities, students, young researchers, industry and subject matter experts to help foster an environment of innovation and creativity and help students and staff/researchers to maintain their passion and enthusiasm for science and technology. Experteze seeks to bridge the knowledge and experience of domain experts with the energy and enthusiasm of young researchers to develop creative solutions for the challenges facing the world. Using multifaceted initiatives and programs, Experteze offers its participants innovative ways to engage with each other and subject matter experts to contribute their best to society.

IN THIS ISSUE

- Welcome New Partners!
- Thanks Nimbella and Latitude Learning!
- Cohorts in Progress.
- New Experteze Initiatives Launched!
- Weekly ERT Research Meetings
- Circle of Excellence Updates
- Volunteer with Experteze
- Internship opportunities

For details please contact:

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(IN) +91 734 955 3249
Web: www.experteze.org

MOU
PARTNER UNIVERSITIES

Our list of partner universities is growing. As of now, we have formally signed MOUs with 7 universities and are in discussion with a host of universities and colleges around the world to join our network. Our thanks to our partner universities and colleges who have signed the MOU with us.

UNIVERSITIES AND COLLEGES WITH WHOM EXPERTEZE HAS SIGNED MOU AGREEMENTS



Rathnavel Subramaniam College of Arts and Sciences
Coimbatore, Tamilnadu, India
www.rvscas.ac.in



Lady Doak College
Madurai, Tamilnadu, India
www.ladydoakcollege.edu.in



Rajarambapu Institute Of Technology
Sangli, Maharashtra, India - 415414.
www.ritindia.edu



Rathinam College of Arts & Science
Eachanari, Coimbatore, Tamil Nadu, India - 641021.
www.rathinamcollege.edu.in



Siddhant College of Engineering
Sudumbare, Pune, India-412109.
www.siddhantcoe.in



Smt. Kashibai Navale College of Engineering
Vadgaon Bk, Pune, Maharashtra, India-411041.
cms.sinhgad.edu



Matoshri College of Engineering and Research Centre
Eklahareshtar, Nashik, Maharashtra India 422105.
mcoerc.org

Cohorts in Progress

We recently completed our third cohort session attended by over 30 students, and have continued with many of them in our fourth cohort in which many student teams are currently working on independent projects. Mentored and coached by external research investigators from academia and industry, these students have the opportunity to learn how to conduct research in a real-world setting.

They are taking part in research activities that are expected to culminate in published research papers.

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New Experteze Initiatives

In addition to our main focus on biosciences and bioinformatics research, Experteze has launched the following three new initiatives in the past few months.

EXPERTEZE AI/ML INITIATIVE

With Experteze AI, we will expand our focus of research to the areas of artificial intelligence and machine learning. Advances in AI/ML technology has major implications in all aspects of science, technology and business, and with many of our organizations are computer science departments, Experteze AI will enable us to engage with these departments better.

EXPERTEZE IPR INITIATIVE

With Experteze IPR, we are able to expand the resources to support researchers to protect their intellectual property rights, by providing them support for patenting as well as working with the partners to strengthen the intellectual property regime.

EXPERTEZE ENERGY INITIATIVE

Recent advances in renewable energy systems and technologies such as electric vehicles, smart grids and improved battery technologies have a profound effect on the way people live, work and play. Experteze Energy initiative will allow us to leverage the expertise of Subject Matter Experts in these technologies and involve young researchers to participate in this emerging opportunity.

Circles of Excellence

Experteze Circle of Excellence program is a unique model to engage high school students and motivate them to learn science at a young age, and to provide them with a conducive and supporting peer-peer environment.

We have reached out to various schools and are planning to offer specialized courses in bioinformatics, AI/ML, cyber security, robotics etc., to the students. Stay tuned for details. Also, if your school is interested in participating in the Experteze Circle of Excellence program, please contact us.

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Weekly ERT Research Meetings

Experteze Research Team (ERT) is our primary forum for all Experteze Researchers to discuss and collaborate on multiple research topics of interest to them. Organized as multiple tracks, many ERT members attend these research meetings (held on Saturdays) and build camaraderie and professional relationships with other ERT members and guests. This is the forum where the members can propose new projects and obtain collaborative support, feedback on their ideas and obtain organizational and other resources to pursue their research interests.

ERT tracks include: (i) Artificial Intelligence tools in Bioinformatics, (ii) Bioinformatics studies of Parkinson's and Alzheimer's diseases, (iii) Bioinformatics studies of Cancer, (iv) Bioinformatics studies of medicinal plants, (v) Antibiotics, and (vi) All things Artificial Intelligence.

Some of our unique project efforts include the design and development of a student-led framework for collecting epidemiological data about neurodegenerative diseases as well as identification of novel molecules to develop new drugs for diabetes from medicinal plants with bioinformatics.

Internship Opportunities

Did you know that Experteze provides opportunities for students all over the world for internship with Experteze researchers?

Experteze internship advertisements reach over 2 million students currently studying in major universities in USA. This gives us an opportunity to connect students in colleges with MOU in our network to study and do projects with students in USA.

Donations

As a 501c3 nonprofit, We welcome and appreciate your donations which will help us to make a difference. Please get in touch with us.

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Thanks to our Sponsors

THANKS NIMBELLA!

Experteze gratefully acknowledges the support of Nimbella for contributing their cloud services to our AI group so that we can build our bioinformatics/AI projects. Nimbella helps us to move closer to our vision of building a dedicated Experteze cloud for bioinformatics and AI studies and research. Thank you Anshu!

THANKS LATITUDE LEARNING!

Experteze gratefully acknowledges the support of Latitude Learning for providing their learning management system – it is very useful for developing our instructional modules for our student cohorts.

Volunteer!

We have several volunteer positions available through which you can participate, share your expertise and help make the world a better place.

Experteze is involved in many exciting initiatives and these require specialized skills. If you are interested in working with us as a volunteer, please check out our website and do let us know. We welcome your participation. Thank you!