



**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND  
TECHNOLOGY TRUST**

(Govt.Regd. No.95/BK4/2017)

C5, Senora Apartment, Thilagar Nagar, Karaikudi, Sekkalai,  
Sivagangai, Tamil Nadu, 630002.India

**ANNUAL REPORT FOR THE YEAR 2020-2021**



## **FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY TRUST**

### **FIRST TRUST**

(Govt.Regd. No.95/BK4/2017)

C5, Senora Apartment, Thilagar Nagar, Karaikudi, Sekkalai,  
Sivaganga, Tamil Nadu, 630002. India

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### **ANNUAL REPORT FOR THE YEAR 2020-2021**

We have immense pleasure to read the Foundation for Innovative Research in Science and Technology Trust (FIRST Trust)'s annual report for the year 2020-2021. This year is the remarkable year that the organization extended its activities in many more areas which are the prime movers in empowering woman and children and the holistic development of remote rural area. The following are the narration over the activities undertaken in this fiscal year 2020-2021.

First Trust is a duly registered voluntary organization founded in 2017 and working for the betterment of the marginalized in Kanyakumari District in Tamil Nadu. First Trust is headed by an enthusiastic women person and is ably supported by Board comprising mostly of service minded members. Thus, the organization understands the problems of the society, especially rural and works for their betterment.

#### **MISSION STATEMENT**

The First Trust is a research organization that advances in sciences and humanities for public use.

#### **VISION**

The First Trust intends to serve as a knowledge hub for research-based solutions to inform human and social development in TamilNadu, the Indian continent and the rest of the world.

#### **OUR VALUES**

At the First Trust NGO we are committed firstly to excellence, setting the highest benchmarks for ourselves and our partners to ensure the best available practices and services for our local communities.

## **OBJECTIVES**

1. To promote and advocate Human Rights and Fundamental Freedom for all without any discrimination of race, religion, caste, color, sex and language.
2. To promote National Integration, Communal Harmony, Universal Brotherhood and Global Peace.
3. To promote charitable values, literature, science, art, education and culture.
4. To develop and mobilize Community and Natural Resources to give the right direction to people of the marginalized and economically weaker section of the trust for their sustainable development.
5. To establish and run the schools (Nursery, Primary and Matriculation etc.) in the name of First Trust for the welfare and upliftment of the needy children.
6. To work with special concentration for the child & Women welfare and take up Health, Education and Welfare program for needy women and children on priority basis.
7. To conduct research studies on the social and economic conditions of people with a view to involving ways and means for their development within their social historical frameworks and to seek promotion of rural development such as provision of drinking water, rural industrialization as well as Public Convenience for people.
8. To educate and train the farmers to adopt the sustainable way of farming, water management, watershed management, Herbal plantation and processing for the upliftment of small farmers.
9. To undertake, organize, conduct and facilitate, Courses, trainings conferences, lectures, researches and education on various aspects and of science, technology, trust and other fields.
10. To train the downtrodden people in general for human resource development in view of the emerging needs such as database development, resource survey methodologies, computer, environmental, studies, health, science, education, and energy problems.
11. To undertake and promote the publication & translation of journal, research papers and books and to develop the audiovisual program to disseminate knowledge pertaining to the objectives of the trust.
12. To encourage and promote youth welfare activities among needy people.
13. To aid or establish any Educational institution/Colleges like technical ,arts and science, medical institutes, polytechnic, engineering, community colleges etc under

the name of First Trust and other related fields for the benefit of downtrodden and weaker sections of the society..

14. To arrange and provide medical aid and other assistance necessary for living to the needy people who are incapable or handicapped or mentally/physically retarded and financially unfit.
15. To start and assist the relief measures in those parts of the country which become effected to natural calamities like famine, fire flood, earthquakes etc.
16. To arrange / establish and maintain centers /institutions of vocational education technical training, low cost education, formal & non-formal education for weaker sections of the society.
17. To promote and protect Indian Traditional music, dance, handicraft, handlooms, Art, modern art & literature by centers.
18. To provide basic medical facility, sanitation, general health care and other needful support which can be helpful for public to overcome sufferings and agony of any natural and manmade disaster and to facilitate them to rehabilitate.
19. To provide and facilities legal assistance to underprivileged and poor section of trust to their rights and justice.
20. To help poor, widows, handicapped, orphans, old aged, mentally retired and under privileged section of the society.
21. To open/ run/ manage institute/ college of higher/professional/vocation education in any part of the country under the name of First trust for providing quality education and training among youth.
22. To establish/ run/ manage hospitals, health centers, mobile health clinics, research center to provide health care , counseling and referral services for all kinds of illness and deceases, fight against HIV/AIDS and other communicable diseases and provide various medical services such as organizing health and awareness camps of Immunization, Eye care, Motherhood and Child care.
23. To establish, build or manage hostels, Shot stay Homes, Rehabilitation centers, shelters, crèches, child care center or children's Home, counseling centers and help line centers for women, children, old aged persons, Drug addicts and needy persons.
24. To work for the welfare of Agricultural workers, Farmers, Unorganized Labours, Industrial Labours and Migrated Labours.
25. To form women groups, youth groups, self help groups; old aged groups, adolescent groups, children groups/clubs, community leaders groups and group of volunteers.

26. To promote traditional games along with the contemporary sports among youth & others. Also the trust will undertake Road Safety activities individually or in association with Govt. Non Govt. departments
27. To work against the exploitation of Animals & Birds and make sincere efforts to protect/conservate them.
28. To establish research centers on life sciences, Nanotechnology, Biotechnology, Bioinformatics, Biochemistry, Environmental sciences etc..for science and technology development and also to publish research journals, science magazines and newsletters etc.
29. To establish farmers training centers, youth clubs, science clubs etc. for various promotional activities.
30. To apply grant from state and central government, non-governmental, nationalized banks. Individuals SIDBI, HDFE, NABARD, ICICT, RASHTRIYA MAHILA KOSIH, ECL OF INDIA. Ministry of Human Resource Development Ministry of Environmental & Forests, Ministry of Social Justice & Empowerment, Ministry of Family Welfare & Health central Social welfare Board, Ministry of Youth Affairs and Sports, ministry of skill development, CAPART, DRDA,DST, DBT,RDA, CCRYN, DSIR and other institutions etc. and aboard.

## **PROGRAMMES 2020-2021**

### **1. Students Education Guidance Centre Program:**

Students Education Guidance Centre is an innovative initiative of First Trust for assisting Scheduled Caste and Scheduled Tribe of Kanyakumari Dist. It is a part of the dream Project of our Managing Trustee Mrs. S. Sudha, First Trust focuses on the accelerated development of Kanyakumari Dist by providing educational access to brilliant students from socially backward sections in Kanyakumari Dist. This project is supported and funded by First Trust. In Kanyakumari Dist have many students with immense potential, residing in the remote regions of the district who could qualify for higher education and other development professional or job oriented courses. The only requirement is that they should get the necessary coaching and support under the guidance of able instructors. Studies have found that many brilliant students from under privileged background are able to fare better through such supports. Kanyakumari Dist is already pioneering in this direction through such a social initiative. Students Education Guidance Centre aims to be catalyst in bringing about a radical

change in the social and educational profile of Kanyakumari Dist by promoting and developing better competencies among socially backward students of the district.

The centre has been providing them necessary exam training, counseling information and personality development inputs in a professional manner so that they will be equipped better to compete in competitive examinations by Group Discussion and mock interview processes. Also we provide assistance to these students with guidance on aspects related to higher education in Management through professional support and Counseling.

## **2. Free Computer Education Program:**

This program has sponsored by First Trust, Our Organization has been established in the name of “**Sri Ruckmoni Baskaralingam Centre for Information & Skill Training**” at No.7/335, Seven Eleven Complex, Keelavannan vilai, NGO Colony Road, Kottar Post, Nagercoil-629002, Kanyakumari Dt. Tamil Nadu, INDIA. This centre was conducted special computer training program for school students and drop outs for their future development. Due to the development of information and technology, now the small villages also determine the world and globe can be covered into a small village. Also, the computer programming has offered high level of employment opportunity to the educated people. So, First Trust has provided computer skill training to the young girls those are having required minimum 8th standard. The rendering courses are MS Office and its ancillary courses. Duration of the course is 45 days with fully practical approach. By which many of our rural youth girls have got a pleasurable and respectable employment opportunity in various business centers and private concerns in various town/urban areas. The certificates are highly eligible to register in the employment exchange to get Government job opportunity also. 33 candidates are successfully completed this training course.

## **3. Digital Library:**

Library is a collection of sources of information. FIRST Trust is providing digital library facilities for the school and college students. Digital libraries are quickly becoming the norm at colleges and universities since they combine technology and information resources to allow remote access to educational content, breaking down the physical barriers.

## **4. Covid 19**

As a corona relief aid Foundation for Innovative Research in Science and Technology Trust provided daily necessities like rice and groceries for poor and needy

people, those who are suffered from COVID-19 issues. This community service programme was held on 23<sup>rd</sup> April 2020 in the presence of our Managing Trustee.



## 5. Excel Workshop Webinar:

Excel workshop webinar was conducted on 16<sup>th</sup> May and 29<sup>th</sup> May 2020. It was conducted by Dr. Marimuthu, AIMST University, Malaysia. Totally 99 people participated in the first day and 85 people participated in the second day Workshop. We collected 200 rupees from each of them.

**One day Online Workshop on Discovering and Learning Statistics Using MS Excel**

**Date: 16 May 2020 (Saturday)**  
**Time 9.00 am to 5.00 pm**

Organized by  
Foundation for Innovative Research in Science and Technology, Nagercoil-629002, Kanyakumari, Tamilnadu  
Phone: 4398002619 E-mail: firstrustindia@gmail.com  
Website: <http://firstrustindia.org>

**ABOUT THE WORKSHOP**  
Data analysis using the statistical packages has become a basic necessity in all scientific and analytical research. The MS-Excel is one of the most popularly used spread sheet based software which help the researchers in performing various statistical functions and research data analysis. Excel has several advanced function, calculation, graphing tools, pivot tables, and data analysis applications. The in-built statistical functions and tests available in excel allows the user to execute research data analysis and data formatting and presentation. This workshop is designed to share the different statistical applications available and other useful function, data formatting in Excel to all the participants through online zoom interactive hands-on sessions and discussion. Participants will be provided with sample data set to analyse so that they may gain confidence and expertise in analysing data using excel and conduct research in their respective subject area.

**OBJECTIVES:**

- Learn how to apply basic function and powerful calculations, formatting data using Excel
- Learn how to visually represent data with Excel Charts and Graphs.
- Learn how to use Excel with Pivot Tables & Pivot Charts.
- Mastering in excel statistical function and data analysis (Descriptive statistics, parametric statistical methods, t tests, ANOVA, Correlation, Regression) using MS Excel.

**WHO ALL CAN ATTEND**

- Academicians, Researchers, and Research Students from the related areas of Biological Sciences, Social Sciences, Humanities, Management, Medical Science, Engineering.

**MODE OF COURSE DELIVERY**

- Interactive lectures, hands on practical session, and discussion using ZOOM application. The ZOOM meeting ID and password will be sent all registered participants.

**REQUIREMENTS FOR THE WORKSHOP**

- The session will be on hands-on based and interactive.
- Desktop/Laptop with good internet speed and necessary data pack.
- Functional Webcam, Microphone & Head phones are Compulsory

**ABOUT OUR INSTITUTION**  
Foundation for Innovative Research in Science and Technology is a eminent center for learning, research and extension activities. First Trust is established in 2017 which thrust its research towards Life sciences. The main objective of our center is to promote research aptitude and Social commitment.

**WORKSHOP FEE**

- The registration fee for the workshop is Rs.200 to be paid through NEFT/Google pay/Phone pay only.
- Seats are limited. First come first served basis.
- The fee is towards participation for the workshop.
- E certificate will be given to all the registered participants.
- Registrations shall be accepted until midnight of 14 May 2020.

**BANK DETAILS:**  
ACCOUNT NAME: Foundation for Innovative Research in Science and Technology Trust  
BANK: Indian Overseas Bank  
ACCOUNT NO: 13440200000979  
IFSC CODE: IOB4001544  
BRANCH: Karakudi

The participants are requested to register online <https://forms.gle/0KqWp8877p256> along with fee payment receipts.

**Organizing Secretary**  
Mrs C. Sathish, M.Sc, B.Ed, M.Phil,  
Program Coordinator  
Foundation for Innovative Research in Science and Technology  
Contact: 9624097892, 8825451717

**Research Person**  
Professor Dr. K. MARIMUTHU  
Faculty of Applied Sciences, AIMST University,  
8800 Seremban, Negeri Sembilan, Malaysia.  
*Prof Marimuthu has been teaching statistics and using SPSS statistical software and Excel for the last 15 years and conducted several sessions on SPSS and Excel workshop and training for researchers and students in Malaysia, India and Sri Lanka.*

## 6. Rabi E-Conference:

FIRST Trust organized second International E-Conference on Recent Advancement on Bimolecular Invention (RABI-2020) was held on 26<sup>th</sup> and 27<sup>th</sup> June 2020. In the first day conference Dr. Vaseeharan, HOD of Animal Health and Management, Alagappa University, Karaikudi was delivered the inauguration address. The key note address was pronounced by Dr. Palmy Jesudhasan, Research Microbiologist, USDAARS, University of Arkansas, USA.

The international and National invited speakers are Dr. Sreeraman Subramaniam, School of Biological Sciences, University Sains, Malaysia, Professor Jingdi Chen, Marine college, Shandong University, Weihai, P.R.China, Dr. Vanitha Mariappan, Centre for toxicology and health risk studies, Faculty of Health Sciences, National University of Malaysia, Kuala Lumpur Malaysia, Dr.S.Karthikeyan, School of biosciences and Technology, Vellore Institute of Technology, Vellore, Tamil Nadu, India, Professor Enrico Maesila, Nazarbayae University, School of Engineering and Digital Sciences, Kazakhstan, Professor Gnendra Shanmugam, Research professor, Department of Biotechnology, Yengunm University, South Korea and they presented about bimolecular inventions. From various University and colleges, the students, research scholars were participated and presented their research topics and received their certificates.

**2<sup>nd</sup> International E-Conference on  
"Recent Advancement of Biomolecule Inventions In Life Sciences"  
[RABI LS-II 2020]**

**INNOVATION FOR INTELLIGENCE**



**Date: 26<sup>th</sup> & 27<sup>th</sup> June 2020**  
ORGANIZED BY  
**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY,**  
NAGERCOIL-629002, TAMIL NADU, INDIA  
Mobile: 6380002616  
Email: [rabi152020@gmail.com](mailto:rabi152020@gmail.com)  
Website: <http://fristatindia.org>

**DAY 1 SPEAKERS**

**Dr. SREERAMAN SUBRAMANIAM**  
FUSK, UMPSA  
Universiti Sains Malaysia  
Establishment of a bioinformatics center for the purpose of epidemiology and surveillance. Bioinformatics BioInnovation Fund & Bioinformatics Bioinformatics Bioinformatics Bioinformatics

**Dr. JINGDI CHEN**  
Marine College,  
Shandong University, P.R.China  
Education Application  
Researcher

**Dr. VANITHA MARIAPPAN**  
University of Kelantan  
Malaysia, India  
Pharmaceuticals and Biotechnology  
Pharmaceuticals and Biotechnology

**Dr. ENRICO MAESILA**  
Nazarbayev University, Kazakhstan  
Education Application  
Researcher

**Dr. GNENDRA SHANMUGAM**  
Yengunm University,  
South Korea  
The challenges and opportunities of Biotechnology

**Dr. S.KARTHIKEYAN**  
Vellore Institute of Technology,  
Vellore, India  
Expert in Entrepreneurship  
FOYED 19

**DAY 2 SPEAKERS**

**Dr. GNENDRA SHANMUGAM**  
Yengunm University,  
South Korea  
The challenges and opportunities of Biotechnology

**Dr. S.KARTHIKEYAN**  
Vellore Institute of Technology,  
Vellore, India  
Expert in Entrepreneurship  
FOYED 19

**ABOUT ORGANIZERS**  
Foundation for Innovative Research in Science and Technology is an online center for training, research and extension activities. First Time established in 2017 which offers its research services in various fields. The organization is a group of experts who working on several projects and extend support to the underprivileged research to provide them with necessary funds to be self-reliant in the future. The main objective of our center is to promote research activities and innovation. We have been carrying out various programs through our activities to create a platform of innovative development of the researchers.

**ABOUT THE CONFERENCE**  
The conference aims to bring together academicians, scientists, research scholars and students to share and disseminate knowledge and scientific research works. The conference will create path to establish a research network for the future and identify with opportunities for funding and financial collaboration and networking among the universities and institutions from India and abroad by presenting research and developing technologies. This conference creates a platform for academics of a premier and have been a significant event for academia.

**TRIBUTE AREA**  
Zoology, Botany, Microbiology, Physics, Chemistry, Nanotechnology, Bioinformatics, Biochemistry, Agriculture and Horticulture, Viticulture, Farm Forestry, Genetics, Parasitology, Veterinary Pathology, Toxicology, Aquaculture, Fisheries, etc.

**REGISTRATION ABSTRACT**  
The first day of abstract submission is 26<sup>th</sup> June 2020 and the second day is 27<sup>th</sup> June 2020. The abstracts should be submitted by 11:59 AM on the last day of abstract submission. The abstracts should be submitted by 11:59 AM on the last day of abstract submission. The abstracts should be submitted by 11:59 AM on the last day of abstract submission. The abstracts should be submitted by 11:59 AM on the last day of abstract submission.

**ONLINE PRESENTATION**  
The first day of abstract submission is 26<sup>th</sup> June 2020 and the second day is 27<sup>th</sup> June 2020. The abstracts should be submitted by 11:59 AM on the last day of abstract submission. The abstracts should be submitted by 11:59 AM on the last day of abstract submission. The abstracts should be submitted by 11:59 AM on the last day of abstract submission. The abstracts should be submitted by 11:59 AM on the last day of abstract submission.

### 7. International Yoga Day program:

International yoga day program was celebrated in our Foundation for Innovative Research in Science and Technology Trust on 20<sup>th</sup> June 2020. We gathered the surrounding students and teach them some basic techniques of yoga. Mrs. Shanthini and Mrs. Sessima Parveen were teaching the students about yoga. We provided free mask for each student.





## 8. Virtual Workshop on Natural Biomedicine:

The Virtual Workshop on Natural Biomedicine was held on 15/07/2020 to 19/07/2020. The program was conducted by Mrs. Shanthini about some medicinal plants, extraction methodology, quantitative analysis, primary analysis and applications of bioactive compounds. 100 people are participated in this program.



**VIRTUAL WORKSHOP ON NATURAL BIOMEDICINE**

Date: 15<sup>th</sup> to 19<sup>th</sup> July 2020

**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**  
NAGERCOIL-629002, TAMILNADU, INDIA.  
Phone: 638602616, E-Mail ID: [ffirstechnol@gmail.com](mailto:ffirstechnol@gmail.com)  
Website: [ffirstechnol.org](http://ffirstechnol.org)

**ABOUT OUR INSTITUTION**  
Foundation for Innovative Research in Science and Technology is an online research center for bringing, research and education activities. This Trust is established in 2017 which focus its research towards Life sciences. Our organization is a registered 'NGO' in India, working on special projects and social support to the under privileged community to protect them and empower them to be self-reliant in the future. The main objective of our trust is to promote research scientific and Social commitment. We have been carrying out various program, designed meticulously after careful analysis of various socio economic problems of sustainable development of the community.

**ABOUT THE WORKSHOP**  
This workshop aims to bring together B.Sc and M.Sc Life Science Students to share and disseminate knowledge and scientific research works. Students need to develop strong learning skills, including the ability to find evidence, and apply information to solve real problems, understand the nature and importance of scientific inquiry, as a learner, entrepreneur and operator of the real science to market and in their personal lives. Our goal was not just to address learning need and personal concerns but to help students apply their own scientific skills and understanding in their decision making and to equal the range of issues and scientific issues that they see as relevant. This workshop intends to evaluate the usefulness of a product and learn how it might be used in their applications.

**TRUST AREAS**  
B.Sc, M.Sc, Student from Microbiology, Biotechnology, Biochemistry, Nanotechnology, Pharmacology, Botany departments.

**REGISTRATION LINK**  
<https://forms.gle/799512tEzMQMBG66>

**TABLE : 4 P.M TO 5 P.M**

**PROGRAM SCHEDULE**  
DAY 1: First Session  
DAY 2: Microbiology  
DAY 3: Pharmaceutical Analysis  
DAY 4: Pharmaceutical Analysis  
DAY 5: Application of Bioactive compounds

**WORKSHOP FEE**  
• Registration fee for the workshop is Rs.100  
• It should be paid through NEFT/Google Pay/Phone pay only  
• Seats are limited. For center based services only  
• Registration should be accepted until midnight of 14-July-2020  
• E-Certificate will be provided to all the registered participants

**BANK DETAILS**  
Account Name: Foundation for Innovative Research in Science and Technology Trust  
Bank: Indian Overseas Bank  
Account No: 1214020000079  
IFSC Code: IOB06001244  
Branch: Karaikal

**ORGANIZING COMMITTEE**  
Organizing Secretary: Mrs. C. Sathish M.Sc, B.Ed., M.Phil.  
Co-Organizing Secretary: Mr. A.M. Shiba M.Sc.

Foundation for Innovative Research in Science and Technology  
Vallankumaravathi, NGO Colony Road, Kottur PO, Nagercoil, Kanyakumari Dist, TamilNadu, India.  
Contact: 638602616, 9624097392  
E-Mail ID: [ffirstechnol@gmail.com](mailto:ffirstechnol@gmail.com)  
Website: [ffirstechnol.org](http://ffirstechnol.org)

**OUR LABORATORY FACILITIES**

- Our laboratory is well-equipped with pleasant and peaceful environment for doing scientific research on Microbiology, Biotechnology and Molecular Biology experiments
- We are providing research training for the well-being of student on "Basic Techniques in Microbial Biotechnology"
- Our exploration provides the science to develop new recommendations to improve the research production.



**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**  
Vallankumaravathi, NGO Colony Road, Kottur PO, Nagercoil-629002, Kanyakumari Dist, TamilNadu, India.  
Phone: 638602616, E-Mail ID: [ffirstechnol@gmail.com](mailto:ffirstechnol@gmail.com) Website: [ffirstechnol.org](http://ffirstechnol.org)

## 9. Virtual Hands on Training on Whole Genome Sequencing in Bacteria:

Virtual Hands on Training on Whole Genome Sequencing in Bacteria was conducted from 28<sup>th</sup> August to 30<sup>th</sup> August. The resource person of this program was Dr. S. Karthikeyan, Vellore Institute of Technology, Vellore. Totally 63 participants are participated. For encouraging the students we provided E-Certificate to each of the participants.

**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**  
Vallankumaravathi, NGO Colony Road, Kottur PO, Nagercoil-629002, Kanyakumari Dist, Tamil Nadu India.

**VIRTUAL HANDS ON TRAINING ON "WHOLE GENOME SEQUENCING IN BACTERIA"**

**Resource Person**  
  
Dr. S. Karthikeyan  
Vellore Institute of Technology,  
VIT, Vellore, Tamil Nadu, India

**THURST AREAS**  
Microbiology, Biotechnology, Biochemistry, Zoology, Botany, Environmental studies, Nanotechnology, Pharmacology, Botany, Marine Sciences.

**Registration Link**  
<https://forms.gle/799512tEzMQMBG66>

**VIRTUAL TRAINING FEE**  
• Registration fee for the workshop is Rs. 2000  
• It should be paid through NEFT/Google Pay/Phone pay only

**BANK DETAILS**  
Account Name: Foundation for Innovative Research in Science and Technology Trust  
Bank: Indian Overseas Bank  
Branch: Karaikal  
Account No: 1214020000079  
IFSC Code: IOB60001244

**In Collaboration with**  
**VIRIDIAN MICRO LAB**  
VIRIDIAN MICRO LAB  
VIRIDIAN MICRO LAB  
VIRIDIAN MICRO LAB

**Date: 28<sup>th</sup> to 30<sup>th</sup> August 2020**  
**Time: 6 to 7 PM**

**Contact Us @**  
Contact: 638602616, 9624097392  
E-Mail ID: [naturalbio@gmail.com](mailto:naturalbio@gmail.com)  
Website: [ffirstechnol.org](http://ffirstechnol.org)

## 10. Virtual training on Entrepreneurship skills on Honey bee keeping and development of bee products:

Virtual Training on Entrepreneurship skills on Honey bee keeping and development of bee products was conducted by our Foundation on 11<sup>th</sup> September 2020 to 13<sup>th</sup> September 2020. The resource person of this program was Dr. C. Balachandran, Apiculture expert, Thiagarajar College, Madurai. Totally 49 participants are participated to improve their knowledge about development of honey bee product.

The poster is for a virtual training program. At the top left, it says 'FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY' with the address 'Vallankumbarvada, 200 Colony Road, Kottar P.O, Nagercoil-629002, Kanyakumari Dist, Tamil Nadu India'. The main title is 'VIRTUAL TRAINING ON ENTREPRENEURSHIP SKILLS ON "HONEY BEE KEEPING AND DEVELOPMENT OF BEE PRODUCTS"'. The resource person is 'Dr. C. Balachandran, Apiculture Expert, Thiagarajar College, Madurai, Tamil Nadu, India'. The registration link is 'https://forms.gle/7U1Z-V3318-2qZ29'. Fee payment details include a registration fee of Rs 100/-, payable via NEFT/Google pay/Phone pe only. Bank details are provided for the account. The date and time are 'Date: 11<sup>th</sup> to 13<sup>th</sup> September 2020, Time: 5 to 6 PM'. Contact information is also listed. It is in collaboration with VEREJAN MICRO LAB.

## 11. E-Quiz

FIRST Trust organized online E-Quiz on Microbial Biotechnology held on 13/09/2020 to 30/09/2020 to improve the knowledge of the students regarding the uses of microorganism's day today life activities.

The poster is for an online e-quiz. It features a background image of colored pencils. The text includes 'Foundation for Innovative Research in Science and Technology, Nagercoil', website 'https://firsttrustindia.org', and email 'firsttrustorg@gmail.com'. The title is 'Innovation for Intelligence Online E-Quiz'. The registration link is 'https://forms.gle/sCxxUbilPosCsJs97'. It states that the quiz is free of cost, available from 03-09-2020 to 08-09-2020, and consists of 25 MCQ questions. It also mentions that only one response is allowed per participant and that a certificate will be provided to those scoring more than 25%.

## 12. Webinar on Novel Therapeutic Approaches for Anti microbial resistance

This webinar was conducted on 8<sup>th</sup> and 9<sup>th</sup> October 2020. The resource person of this webinar was Mrs. Shanthini, the program co-coordinator, Foundation for Innovative Research in Science and Technology. The webinar was conducted through goggle meet and also in YouTube because more than 100 people are participated. Totally 444 people are participated in this webinar.

**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**  
Vallankumaran vilai, NGO Colony Road, Nagercoil-629002, Kanyakumari Dt. Tamil Nadu, India

**WEBINAR ON "NOVEL THERAPEUTIC APPROACHES FOR ANTIMICROBIAL RESISTANCE"**

**Resource Person**  
Dr. R.JOSPHINE SHEERA,  
M.Sc, M.Phil  
Programme Coordinator,  
Foundation for Innovative  
Research in Science and  
Technology

**Date:** 8<sup>th</sup> & 9<sup>th</sup>  
October  
2020  
**Time:** 4:00 pm  
to 5:00 pm

**FREE REGISTRATION**  
E-Certificate to all participants

**CONTACT:** 6380002616, 9626097892  
Email: [naturalbioorg@gmail.com](mailto:naturalbioorg@gmail.com)  
Website: [www.firstrustindia.org](http://www.firstrustindia.org)

**Registration link**  
<https://forms.gle/5o71o7121oak339t>

### 13. E-Quiz on Food and Nutrition:

FIRST Trust organized online E-Quiz on Food and Nutrition held on 14/10/2020 to 19/10/2020 to improve the knowledge of the students based on different food items due to world food day.

**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**  
Nagercoil, Kanyakumari, Tamil Nadu

**E-QUIZ ON FOOD AND NUTRITION**

Click the following link for the registration  
<https://forms.gle/5SMMWKLAXiz2n7We9>

**The basic information regarding online E-quiz**

- ❖ This online Quiz is free of cost
- ❖ E-Quiz will be available from 14/10/2020 To 19/10/2020
- ❖ Question Pattern : 20 MCQ ( Each questions carries 5 points). Total 100 points
- ❖ Only one response will be allowed for every participant
- ❖ The participants who score more than 40% will be provided certificate, please provide the valid E-Mail Id

**Website:** <https://firstrustindia.org>  
**E-Mail Id:** [firstrustorg@gmail.com](mailto:firstrustorg@gmail.com)  
**Mobile :** 6380002616

### 14. Webinar on Cancer Awareness day:

Webinar on Cancer awareness day was conducted about the topic “Cancer is a word not a sentence” on 7<sup>th</sup> November 2020. The resource person of this webinar was Ms. Delphine Stephino, Psychologist, Career guidance counselor. She gave an information about the causes, fear and awareness. Totally 687 participants are participated.

**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**

**WEBINAR ON NATIONAL CANCER AWARENESS DAY**

**Resource Person**  
Ms. Delphine Stephino  
Psychologist, Career guidance counselor  
Topic : Cancer is a word, not a sentence

**Date**  
7<sup>th</sup> November 2020  
**Time**  
5.00 to 6.00 pm

**Registration Link**  
<https://forms.gle/Gd45EotmpnrJXXKA>

**Free Registration**  
E-Certificate to all participants

**CONTACT:**  
FIRST BIO RESEARCH LAB  
Nagercoil, Kanyakumari, Tamil Nadu  
Mobile No : 6380002616  
E-mail Id: [firstrustorg@gmail.com](mailto:firstrustorg@gmail.com)  
Website: <https://firstrustindia.org/>

## 15. International webinar on Biotechnological Applications:

International webinar on Biotechnological Application on GAC (*Momordica Cochinchinensis*) Sprang: A potential super fruit was conducted on 20<sup>th</sup> and 21<sup>st</sup> November 2020. The resource person of this webinar was Professor. Dr. Sreeramanan Subramaniam, FRSB, AFMSA, School of biological Sciences, Universiti Sains, Malaysia. 106 participants are participated.

**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**  
Vallankumaravilai, NGO Colony Road, Kottar PO, Nagercoil,  
Kanyakumari Dist, Tamil Nadu, India

**INTERNATIONAL WEBINAR ON BIOTECHNOLOGICAL APPLICATIONS ON GAC (MOMORDICA COCHINCHINENSIS) SPRENG: A POTENTIAL SUPERFRUIT**

**Resource Person**

**Prof. Dr. Sreeramanan Subramaniam**  
FRSB, AFMSA  
BSc (Hons), PhD (UPM)  
School of Biological Sciences  
Universiti Sains Malaysia (USM)  
Penang, Malaysia

**Date: 20<sup>th</sup> & 21<sup>st</sup> November 2020**  
**Time: 4 to 5 PM**

**Registration Link** ★  
<https://forms.gle/jwsSwkQ4VVGvxFV56>

**Registration Fee**  
♦ Registration fees for the International Webinar is Rs. 100  
♦ It should be paid through NEFT/Google pay/Phone pe only

**BANK DETAILS**  
Account Name : Foundation for Innovative Research in Science and Technology Trust  
Bank : Indian Overseas Bank  
Branch : Karumbodi  
Account No : 2344020000000979  
IFSC Code : IOBA0001344

**Contact Us @**  
Contact: 6380002616, 9626097892  
E-Mail ID: naturalbio@gmail.com  
Website : <https://firsttrustindia.org>

## 16. Webinar on Emotional Intelligence on Academic Achievements:

Webinar on Emotional Intelligence on Academic Achievements was conducted on 16/12/2020. The resource person of this webinar was Mrs. Chitra Rajkumar, Career guidance, family Counsellor, Certified POSH Practitioner, Yoga therapist, Cooperate trainer and counselor. Free registration for all the participants. 198 participants are participated.

**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**  
Vallankumaravilai, NGO Colony Road, Kottar PO, Nagercoil,  
Kanyakumari Dist, Tamil Nadu, India

**WEBINAR ON EMOTIONAL INTELLIGENCE FOR ACADEMIC ACHIEVEMENT**

**Resource Person**

**Mrs. CHITRA RAJKUMAR, MS(II), B.Ed**  
Career Guidance, Family Counsellor,  
Certified POSH Practitioner, Yoga Therapist,  
Corporate Trainer and Counsellor

**Date**  
16<sup>th</sup> December 2020  
**Time**  
5.00 pm to 6.00 pm

**Registration Link**  
<https://forms.gle/fcw2V41aatMJGrlw8>

**Free Registration** ★

♦ E-Certificate to all participants

**Contact us @**  
Contact : 6380002616, 9626097892  
E-Mail ID : rabi2020@gmail.com  
Website : <https://firsttrustindia.org>

## 17. Intellectual Workshop on Neuropsychology and Neuroscience:

Intellectual Workshop on Neuropsychology and Neuroscience was conducted on 29<sup>th</sup> and 30<sup>th</sup> January 2021. The resource person of this webinar was Mrs. Nirmala Raja, PGD, Counseling and Guidance, International Affiliate member of American Psychological Association. Totally 20 members participated in this webinar. 100 rupees were collected from each of them for registration fees. E-Certificate was provided for each of them.



**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**  
Vallankumaranvilai, NGO Colony Road, Kottar PO, Nagercoil,  
Kanyakumari Dist, Tamil Nadu, India.

**INTELLECTUAL WORKSHOP ON NEUROPSYCHOLOGY AND NEUROSCIENCE**

**Resource Person**



**Ms. Nirmala Raja, Msc Psychology**  
PGD Counseling and Guidance,  
International Affiliate member of American Psychological Association.  
Founder- Mind streams Counselling Services

**Registration Link** ★  
<https://forms.gle/sssLcEY2MUq7wwMNS>

**Registration Fee**  
Registration fee for the workshop is Rs. 100  
It should be paid through NEFT/Google pay/Phone pe only

**BANK DETAILS**  
Account Name : Foundation for Innovative Research in Science and Technology Trust  
Bank : Indian Overseas Bank  
Branch : Kottar  
Account No : 13440200000979  
IFSC Code : IOB00001344

**Date**  
29<sup>th</sup> & 30<sup>th</sup> January 2021  
**Time**  
4.30 pm to 5.30 pm

**Modules Covered**

- 1<sup>st</sup> Day : Neuroscience
  - ✓ anatomy of brain
  - ✓ neuron
  - ✓ neuro circuitry and synapse
  - ✓ neuro plasticity
  - ✓ mental health conditions and brain structure alterations
  - ✓ Neurotransmitters
  - ✓ Brain fog & Neuroplasticity
- 2<sup>nd</sup> Day: Neuropsychology
  - ✓ Assessment
  - ✓ EEG, ERP
  - ✓ Early Intervention
  - ✓ Brain yoga
  - ✓ Yoga, Meditation
  - ✓ Management strategies
  - ✓ Career guidance

**Contact Us @**  
Contact: 6380002616, 9626097892  
E-Mail ID: [nirmalaboraj@gmail.com](mailto:nirmalaboraj@gmail.com)  
Website : <https://firstrustindia.org>

★ E- Certificate to all participants

## 19. Environmental Education and Conversation Training:

Sensitizing groups of the society about the environment issues, enhancing the involvement of local government authorities, social activities group, SHG's federation, community at large in practicing environmentally begin development process, encouraging people to build up the integrated and action oriented environmental conservation programmes. The programme is held at Vallankumaranvilai village, Mrs.S.Vijikumar, Director of TNSRO is delivered that lecture on "Roles and Responsibilities of Environmental Education and Conservation" and also the participants got sufficient training in Peoples Biodiversity Register for local resource conservation. Students, Youth including public were participated in this programme.



**FOUNDATION FOR INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY**

**WEBINAR ON ENVIRONMENTAL ISSUES**  
For the tribute of World Environment Day



**SPEAKER**  
**Dr. S. AMUTHA,**  
Assistant Professor  
Dept. of Aquaculture  
Vivekananda College,  
Agasteeswaram

**FREE REGISTRATION**

**Contact us for more details**  
Contact: 6380002616, 9626097892  
E-Mail ID: [rabis2020@gmail.com](mailto:rabis2020@gmail.com)  
Website : <https://firstrustindia.org>

**Date & Time**  
5<sup>th</sup> June 2021  
10. AM To 11. AM

**Registration Link**  
<https://forms.gle/SphxCfqnZy6UVC6>

★ E-Certificate will be provided for all the registered participants

## 20. National Science Day Celebration:

To encourage the student and children in science we conducted a National Science Day program in selected schools in Nagercoil taluk on 28.02.2019. In this programme Foundation for Innovative Research in Science and Technology, Managing Trustee Mrs. S.Sudha, Dr. C.Mariappan, Assistant Professor, Head of the Department, Department of Microbiology, Sivanthi Adtitanar College, Pillayarapuram and science teacher have given more information about titles scientific glory, scientific and research Institution etc. Totally 255 students actively participated in this programme.

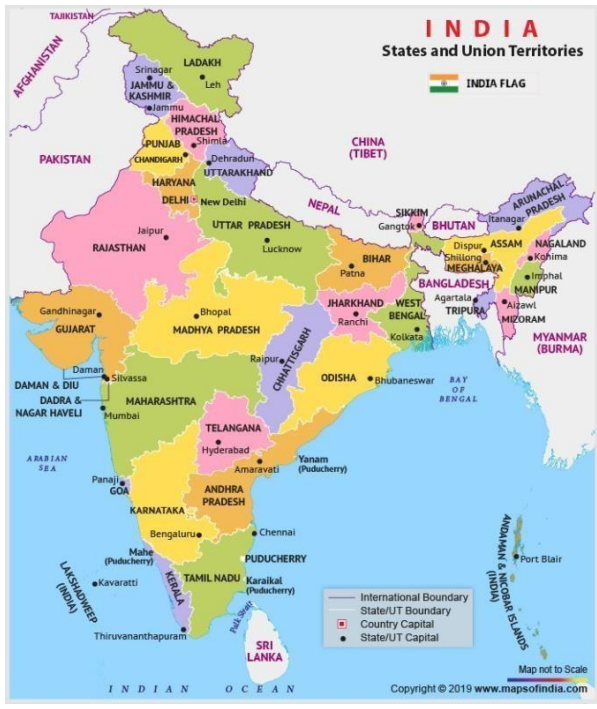
## 21. Project works:

We are doing project work for the students studying B.Sc., B. Tech, M.Sc., Ph.D., works. We are doing Ph.D., project work in Microbiology, Biotechnology, Animal Science, Plant Science and Zoology. The students can come over the lab and done their projects work here.

## 21. Organisation profile:

Name of Organisation	Foundation for Innovative Research in Science and Technology Trust (First Trust)
Regn.details	Registered under Indian Trust Act, Regn.Number: 95/2017, sub-registrar Office, Karaikudi
Address	No. 7/335, Seven Eleven Complex, KelaVannan Vilai, NGO Colony Road Kottar Post, Nagercoil-629002, Kanyakumari Dt. Tamil Nadu, INDIA.
Contact Number	6380770926
E-mail ID	<a href="mailto:firsttrustorg@gmail.com">firsttrustorg@gmail.com</a>
PAN Number	AAATF6094R
Contact person	Mrs.S.Sudha, Managing Trustee

### 23. Project area:



#### **24. Conclusion:**

First trust is a small, but sincere organization. Our steps are small, but the target is clear and the results are bright. We are very much thankful to our supporting agencies and organizations for making the achievements of trust in 2020-2021 a success. We strive hard to serve and we are confident that in the forthcoming years we will get more support and will do better.

We are very thankful to our Board of trustees who guided and led us in our progress. We also thank our staff, without whose help this achievement would ever have been possible.

#### **Our Contact Address**

The Managing Trustee  
No.7/335, Seven Eleven Complex,  
Keela vananvilai, NGO Colony Road, Kottar Post,  
Nagercoil - 629002, Kanyakumari Dt. TamilNadu, INDIA.  
Mob: 6380002616  
Mail: [firsttrustorg@gmail.com](mailto:firsttrustorg@gmail.com)  
Web: <http://firsttrustindia.org>