



**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 2019-2020



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Tamil Nadu, 630002. India

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We have immense pleasure to read the Foundation for Innovative Research in Science and Technology Trust (FIRST Trust)'s annual report for the year 2019-2020. 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 2019-2020.

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 programmes 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 frame works 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 programme 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, polytechniques, 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 fight for 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/conserve 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 2019-2020

1.Free Computer Education Programme



This programme 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 programme 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.

2.Students Education Guidance Centre Programme

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.

3. Conferences



FIRST Trust encourages to organized International conference on Recent Advancement on Biomolecule Inventions (RABI'19) in collaboration with Department of Zoology, Holy Cross College, Nagercoil was held on 26th and 27th July 2019. Dr. B.Vaseeharan, HoD, Dept. of Animal Health And Science , Alagappa University, Karaikudi delivered a presidential address. The International and National invited speakers are Dr.S.Sreeramanan, School of Biological Sciences, Universiti Sains, Malaysia, Dr. ONG Ming Thong, Universiti Sains, Malaysia, Dr.K.Marimuthu, Dept. of Biotechnology, AIMST University, Malaysia, Dr. P.Velusamy, Dept. of Biotechnology, SRM University, Chennai, Dr. S. Karthikeyan, School of Biosciences and Technology, Vellore Institute of Technology, Vellore, Dr.

C.Ravi, Dept. of Zoology and Microbiology, Thiyagarajar college , Madurai and Dr. Sr. M.R.Basil Rose, Principal (Rtd), Dept. of Zoology, Holy Cross College, Nagercoil and they presented about the development of biomolecules inventions. Followed that 112 students and research scholars are participated in paper presentation. Totally 230 students are participated in this conference and thus it creates opportunities to the faculty to develop themselves professionally and also to disseminate the knowledge.

4. Visit of Malaysian Scientist To Our Lab



Dr. ONG Ming Thong ,University Sains, Malaysia, visited to our laboratory on 28th July 2019. He explained about how to handle the instruments and equipments and also he delivered about the conservation of medicinal plants and animals. Followed that he gave an lecture about different types of techniques related to Biotechnological fields.

5.Environmental Education and Conservation Training Programme

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, Mr. S.Vijikumar, Director of TNSRO is delivered the 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.

6. Library Facilities

Library is a collection of sources of information and similar resources selected by experts. Totally 173 different books and magazines are available in our FIRST Trust and it is used to help the students to develop good reading and study habits and deposition for learning and personal development that they will use throughout their lives.

7. Marine Biodiversity Programme



First Trust has established a Marine Biodiversity conservation awareness programme and the faculty members were visited to Manakudy Estuary on 19th September 2019 for the collection samples for project works and we published an article about the visit of Manakudy estuary and their preventive measures from pollution. Also, we visited the CMFRI, Mandapam at Ramanathapuram District for the field study and collection of samples from marine ecosystem.

8. Laboratory Facilities

FIRST Trust has developed a laboratory facilities providing practical skills to UG, PG, M.Phil and Phd students from various different colleges of Kanyakumari District to do their project and research works and improve the practical knowledge. Various equipments like Laminar airflow, hot air oven, incubator, centrifuge, UV transilluminator, vortex mixture, agarose gel electrophoresis, magnetic stirrer, gel rocker, ph meter, vertical mini gel system, weighing balance are found in our laboratory.

9. Solid waste management Programme

FIRST Trust has conducted the solid waste management Programme on 18/07/2019 with the chief guest Dr.S.Vijikumar, Director, TNSRO, Pudukottai. The purpose of the solid waste management programme is to ensure solid waste is managed in such a way that protects both public health and the environment. The primary goal of this programme is to reduce the amount of solid waste generated from the public places like industries, household and commercial activity.

10. Programme on organic Agriculture

Our FIRST Trust faculty members visited the coir factory on 28/09/2019 at Samithopu. They explained about the recycling of coconut waste is used to make the coir with help of bacteria. Women empowerment through value addition of coir products a coir pith. The importance of organic agriculture is to maintain and improve fertility, soil structure and reduce erosion and also reduce the risk of human and environmental exposure to toxic materials.

11. Research Activities

The research forum of FIRST Trust has been actively involved in promoting innovation and research activities and published a monographs related to important days and science awareness programmes.

12. National Science Day Celebration

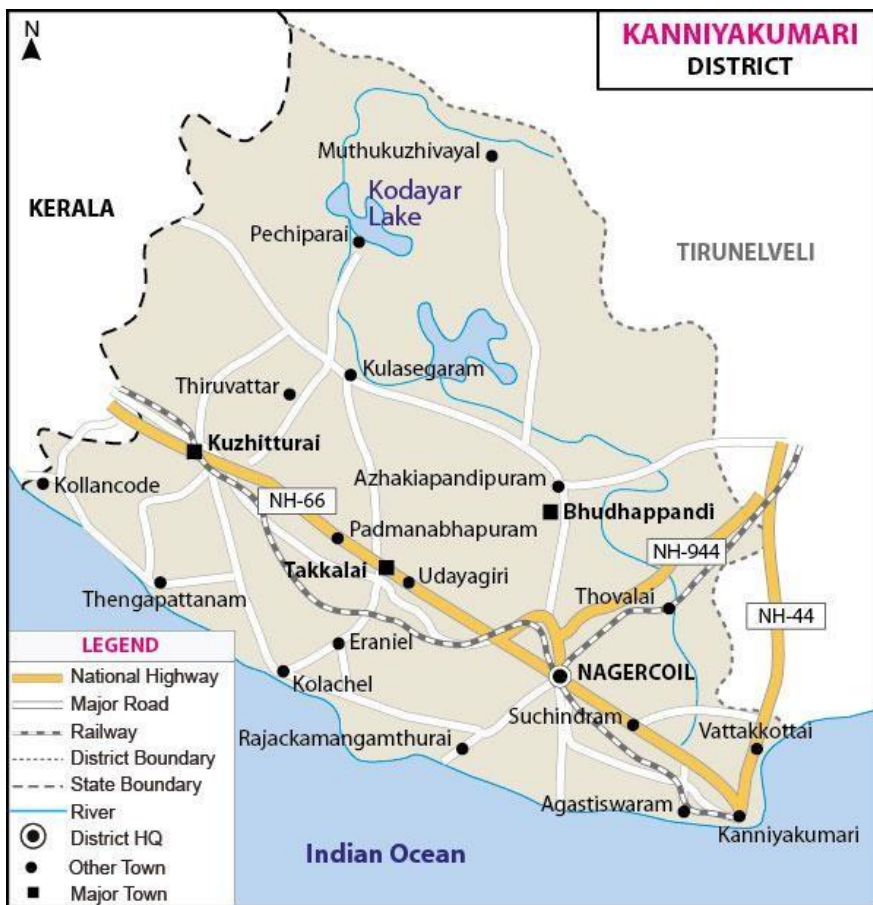
To encourage the student and children in science we conducted a National Science Day program in selected schools in Nagercoil taluk on 28.02.2020. In this programme Foundation for Innovative Research in Science and Technology, Managing Trustee Mrs. S.Sudha, Dr. T.Selvankumar, Assistant Professor, Head of the Department, Department of Biotechnology, Mahendra College of Arts & Science, Namakkal, have given more information about titles scientific glory, scientific and research Institution etc. Totally 76 students actively participated in this programme.

13. Job Opportunity Information

Our FIRST Trust has been providing an job opportunity information about various government jobs, faculty vacancy information scientist vacancy information, Bank vacancy information and other vacancy information through our website to facilitate with very clear objective of ensuring higher jobs and a better reach to the students of the colleges and other faculty graduates.

Organisation Profile

Name of Organization	Foundation for Innovative Research in Science and Technology Trust(First Trust)
Regn. details	Registered under Indian Trust Act, Reg.No:95/2017,Sub-register office, Karaikudi
Address	No.7/335,Seven Eleven Complex, Keela vananvilai, NGO Colony Road, Kottar Post, Nagercoil-629002, KanyakumariDt. TamilNadu, INDIA.
Contact Number	6380002616
E.Mail ID	firsttrustorg@gmail.com
PAN Number	AAATF6094R
Contact person	Mrs.S.Sudha, Managing Trustee



Kanyakumari Dist.

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 2019-2020 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
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