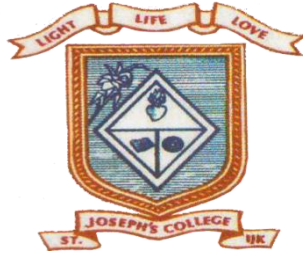


Seminar on Agroecology for Our Children's Future
Organized by

Department of Zoology
St. Joseph's College (Autonomous), Irinjalakuda



Speaker

Mr. C. Jayakumar

Director-Pesticide Action Network (PAN) India

BROCHURE

No Pesticide Use Week
December 3rd to 10th, 2021



**Protect Our Children From Toxic Pesticide
Campaign**

09/12/2021

01.30 pm

Venue: New MMT



An Awareness Session on

Agroecology for Our Children's Future

Mr. C. Jayakumar

DIRECTOR

PESTICIDE ACTION NETWORK (PAN) INDIA

Jointly Organised by

Department of Zoology & Biodiversity Club
St. Joseph's College (Autonomous), Irinjalakuda
& Pesticide Action Network India

Co-ordinator

Dr. Gigi Poulose

Assistant Professor & Head

Organizing Committee

Dr. Vidya G, Ms. Deepthi PD,
Ms. Vidya Sadanandan, Ms. Aswani Das
Ms. Athira VC, Ms. Athira Anand, Ms. Ciya Francis

REPORT
Agroecology for Our Children's Future
Organized by
Department of Zoology

As a part of No Pesticide Use Week, December 3rd to 10th 2021, an awareness session on “Agroecology for Our Children's Future” to protect our children from toxic pesticide campaign was conducted by Mr. C. Jayakumar, Director-Pesticide Action Network (PAN) India. The session was jointly organized by Department of Zoology, St. Joseph's College (Autonomous), Irinjalakuda and Pesticide Action Network, India on 09/12/2021, New MMT Hall of St. Joseph's College (Autonomous), Irinjalakuda at 1:30 pm. The session was anchored by Ms. Bhagi Krishna of 3rd DC Zoology. She invited Ms. Jewel Paul of 3rd DC Zoology, and then Dr. Gigi Poulouse, HOD, Department of Zoology for the welcome address. Dr. Gigi Poulouse invited Mr. C. Jayakumar who is the resource person, Director of Pesticide Action Network (PAN) India and Trustee of Thanal.

He started environmental activism as a student of Professor John C Jacob, he continued as one of the student volunteers in the save Silent Valley struggle. His educational background includes BSc Zoology from Calicut University, 1983; B.Ed. in Natural Science from Mangalore University, 1985; MA Sociology from Calicut University, 1988. He successfully participated in several Certificate and Diploma courses *Viagra pas cher* and training in Environment and Nature Education, Biodiversity, Conservation and Wildlife management at National and Regional Institutions from 1983 to 1996. He worked as the Kerala State Education Officer of WWF India, Project at High Range Wildlife and Environment Protection Association, Programme Officer of Tiger Conservation, in Marine Turtle Conservation Project, Executive Director Thanal. He also engaged in campaign of Zero waste, campaign to ban endosulfan 2003-2011. Since 2000 closely observing the Stockholm Convention on Persistent Pollutants representing Thanal. He visited over 30 countries and talked about different topics including the POPs, pesticides, zero waste, environmental health and justice.

Mr. C. Jayakumar started the session by saying about the toxic substances and pesticides used in several compounds. Lead was added in paints that had been banned in France as an interior paint in 1909. In 1978, the Federal Government banned consumer uses of lead-based paint. Later in 2009, Lead free materials were produced. He remarks that today

people are not aware about what they had in their food. World is running behind easily accessible instant foods, which harm their health. He explained about many products and its ingredients list that, contain harmful substances which may lead to several disorders like obesity, nutritional deficiency especially in children. He also speaks about the accessibility of water in Earth, out of which 0.03% of water is only accessible. Researchers are going on to increase the accessibility of fresh water. In 8 months, we have consumed earth's one-year resources. There is a great climate crisis. He also states that the use of geological weapons by different countries had changed. The sum of food and environment microbe defines a person. He had mentioned about the Human Genome Project. Human cells make up only 43% of body's total cell count. The rest are microbe colonists. The presence of animal content in vegetable fat spread. Due to the dumping of plastic waste to the water bodies, several microplastics are found in fishes that we eat.

When a pregnant lady meets pesticides and toxic substances, the children are born with brain-based disorders, which results in anxiety, autism, depression, ADHH, hyperactivity. As per the recent research, in 7 billion 3.2 billion humans are nutrition deficient. Globally, the amount of calorie is increasing, and nutrition is decreasing. Nutrition is not just about eating; it is about learning to live. There are totally 1100 chemical pesticides. 6 companies control 77% of business. The world about pesticides was, opened by an American Marine Biologist, Rachel Louise Carson. Children born are pre-polluted. Synthetic pyrethroids are used as insecticides and this causes breast cancer. Organophosphate pesticides are also used. The chance of leukaemia is seen in children. He said that a single corn kernel coated with non-nicotinoid can kill a songbird. New studies say that pesticide use is linked to antibiotic resistance. Organic food contains more salicylic acid and reduce cardiovascular disease. He also says that opposable thumb is the main difference between homosapiens and its evolutionary ancestors. At last, he concludes the session by speaking about agroecology, which means sustainable farming that works with nature.

To conclude, the session was very informative and interesting. He covered lot of topics based on different levels of our life. The students can explore the different aspects of the topic which is used in day-to-day life. At the end of the session, there was an interactive session. One of our students Ms. Amrutha K Vijayan asked a question which was related to agroecology and social justice. Jayakumar Sir replied for her question and treated her by presenting a beautiful gift for her. Dr. Gigi Poulouse handed over a token of love to Jayakumar Sir. Later, Ms. Ayana Sabu from 1st year PG of Zoology Department delivers the vote of thanks as an end for the session.

