



**International Seminar on
Sensitizing the Millets Farming, Consumption and Nutritional Security -
Challenges and Opportunities**

9th to 10th November, 2023

Organized by

**Pandit Jawaharlal Nehru College of Agriculture & Research Institute (PAJANCOA & RI),
Karaikal, Union Territory of Puducherry.**

Sponsored by

Indian Council of Social Science Research (ICSSR), New Delhi

Programme Schedule

| Day 1: 09th November, 2023 (Thursday) | | |
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| 9.00 am to 10.00 am | Registration | |
| Inaugural Session <i>Venue: Seminar Hall, Admin Block, PAJANCOA & RI</i> | | |
| 10.00 am to 11.15 am | Welcome Address | Dr. N. Swaminathan, Professor & Head Department of Agricultural Economics and Extension PAJANCOA & RI, Karaikal |
| | Presidential Address | Dr. A. Pouchepparadjou, DEAN cum Seminar Convenor , PAJANCOA & RI, Karaikal |
| | Felicitation | Dr. N. Venkatesa Palanichamy, DEAN (Agriculture), AC & RI, TNAU, Coimbatore Dr. Natesan Senthil, Director, Centre for Plant Molecular Biology and Bio Technology, TNAU, Coimbatore Dr. D. Suresh Kumar, Director, CARDS, TNAU, Coimbatore |
| | Inaugural Address | Thiru. A. Kulothungan, I.A.S., District Collector, Karaikal |
| | Keynote Address | Dr. S. J. Arasakesary, University of Jaffna, Sri Lanka Dr. M. Govindaraj, CIAT, Hyderabad <i>(Recipient of Norman E. Borlaug Award 2022)</i> |
| | Vote of Thanks | Dr. L. Umamaheswari, Professor (Agrl. Economics) Dept. of Agrl. Eco.& Ext. PAJANCOA & RI, Karaikal |
| 11.15 am to 11.45 am | Tea Time & Group Photo | |
| Plenary Session | | |
| 11.45 am to 01.15 pm | Dr. M. Govindaraj, Senior Scientist, Harvest Plus- Alliance of Bioversity International and CIAT, Hyderabad. <i>Crop Improvement, Biofortified Staple Crops for Improved Human Nutrition.</i> | |
| | Dr. S. J. Arasakesary, Dept. of Agrl. Biology, University of Jaffna, Sri Lanka <i>Revitalization of Minor Millet Cultivation towards Food Security in Dry Zone of Sri Lanka</i> | |
| 01.15 pm to 02.00 pm | Lunch Time | |



Session I :Climate Smart Millet Farming

Venue: Seminar Hall

Chair: Dr. S. Thirumeni, Professor & Head, Dept. of Plant Breeding and Genetics

Co-Chair: Dr. AL. Narayanan, Professor, Dept. of Agronomy

Rapporteur: Dr. M. Umamageswari, Assistant Professor, Dept. of Agrl.Economics

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| 02.00 pm to 03.00 pm | Dr. Natesan Senthil , Director, Centre for Plant Molecular Biology and Bio Technology, TNAU, Coimbatore <i>Innovative Approaches in Millet Improvement</i> |
| | Dr. T. S. Sukanya , Professor, Project Coordinating Unit (ICAR), -All India Coordinated Research Project on Small Millets, Bengaluru, India. <i>Climate Resilient Agriculture and Small Millets –An Agronomic Perspective</i> |
| 03.00 pm to 03.15 pm | Tea Time |
| 03.15 pm to 04.45pm | Dr. P. Masilamani , Professor (Seed Science and Technology), Sugarcane Research Station, TNAU, Trichy. <i>Seed Technological Studies in Barnyard Millet</i> |
| | Dr. R. Mohan , Professor & Head, Department of Agronomy, PAJANCOA & RI, Karaikal, <i>Awareness about Millets Farming-An Overview</i> |
| | Ambassador (Dr.) Ikechi Agbugba , Postdoc Fellow (ARC &Uni of Fort Hare, South Africa) Honorary Associate Professor, Food Chain Security Programme, School of Chemical Eng.Uni of Birmingham B15 2TT, United Kingdom. <i>Brain Re-engineering Strategy and Sustainable Millet Production: Focus on Entrepreneurship and Business Opportunities</i> |
| 04.45 pm to 06.30 pm | Oral Presentation by Participants |
| 04.00 pm to 06.30 pm | Poster Presentation by Participants Venue: Admin Block Ground Floor Faculty Incharge : Dr. R. Mohan , Professor & Head, Dept. Agronomy : Dr. T. Ramanadane , Professor, Seed technology |
| 06.30 pm to 07.15 pm | Cultural Programme |
| 7.15 pm onwards | Dinner Time |



Session II: Challenges in Consumption of Millets

Venue: Conference Hall

Chair: Dr. N. Sivaramane, Principal Scientist, NAARM, Hyderabad, Telangana
Co-Chair: Dr. R. Sendhil, Associate Professor, Dept. of Economics, School of Management,
Pondicherry University, U.T of Puducherry

Rapporteur: Dr.L.Umamaheswari, Professor, Dept. Agrl. Economics

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| 02.00 pm to 03.00 pm | Dr. A. Pouchepparadjou , DEAN, PAJANCOA & RI, Karaikal <i>Analyzing the Impact of Minimum Support Price on Area, Production, and Productivity of Finger Millet in India.</i> |
| | Dr. D. Suresh Kumar , Director, CARDS, TNAU, Coimbatore <i>Trends in Production and Consumption of Millets in India</i> |
| | Dr. N. Venkatesa Palanichamy , DEAN (Agriculture), AC & RI, TNAU, Coimbatore <i>Enhancing Small Millets Productivity Prediction through Linear Regression Model Using Machine Learning Techniques.</i> |
| 03.00 pm to 03.15 pm | Tea Time |
| 03.15 pm to 04.45pm | Dr. P. T. Umashankar , Economist, Asian Development Bank – Support for Irrigation Modernization Project – II (SIMP-II), New Delhi <i>Trends in Supply & Demand for Finger Millet in India – Challenges & Opportunities</i> |
| | Dr. N. Sivaramane , Principal Scientist, NAARM, Hyderabad, Telangana <i>The Millet Movement: Investigating Production and Consumption Trends in India</i> |
| | Dr. Angarawai Ijantiku Ignatius , International Crops Research Institute for Semi Arid Tropics (ICRISAT), Kano Nigeria <i>Production and Utilization of Millets in Nigeria</i> |
| 04.45 pm to 06.30 pm | Oral Presentation by Participants |
| 04.00 pm to 06.30 pm | Poster Presentation by Participants Venue: Admin Block Ground Floor Faculty Incharge : Dr. S. Parthasarathi , Professor Dept.of Agrl. Eco & Ext. : Mr. C. Aroutselvam , Asst. Professor, Dept.of Agrl. Eco & Ext. |
| 06.30 pm to 07.15 pm | Cultural Programme |
| 7.15 pm onwards | Dinner Time |



Session III: Entrepreneurship and Business Opportunities

Venue: Horticulture Conference hall – Academic Block C

Chair: Dr. B. Ganesh Kumar, Principal Scientist & Head (HRM), NAARM, Hyderabad

Rapporteur: Dr. T. Sivasakthi Devi, Assistant Professor, Dept. Agrl. Economics

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| 02.00 pm to 03.00 pm | Dr. S. Selvam , Professor, Department of Social Science, ADAC & RI, TNAU, Tiruchirapalli, Tamil Nadu <i>Role of Value Chain in Millet Marketing with Special Reference to Barnyard Millet in Tamil Nadu</i> |
| | Dr. B. Ganesh Kumar , Principal Scientist & Head (HRM), NAARM, Hyderabad, <i>Finger Millet: An Economic Analysis of Production and Consumption in India</i> |
| 03.00 pm to 03.15 pm | Tea Time |
| 03.15 pm to 04.45pm (Online) | Dr. Suresh Babu , Economist, Head of Capacity Strengthening, The International Food Policy Research Institute (IFPRI), USA Policy, <i>Institutional and Technological Innovation for Millets-Global Status</i> |
| | Dr. Lisa-Marie Winnall , Associate Professor Food Safety and Head of Food Safety Group – University of Birmingham, UK <i>Does Food fraud Present a Challenge in the International Year of Millets?</i> |
| | Dr. N. Senthilnathan , Associate Professor, AC & RI, TNAU, Killikulam <i>Prospects, Problems and Opportunities of Millet Processing Industry in India</i> |
| | Dr. Musa Dan Karami , Chairman of Busan African Union, CEO and Founder of KORICA (Korea and Africa) <i>Millet Agri-Business Focussing on Supply Chain Management from a Global Perspective</i> |
| 04.45 pm to 06.30 pm | Oral Presentation by Participants |
| 04.00 pm to 06.30 pm | Poster Presentation by Participants Venue: Admin Block Ground Floor Faculty Incharge : Dr.L.Umamaheswari , Professor Dept. of Agrl. Eco & Ext. : Dr.K.S.Kumaravel , Assoc. Professor, Dept. of Agrl. Eco & Ext. |
| 06.30 pm to 07.15 pm | Cultural Programme |
| 7.15 pm onwards | Dinner Time |



Day 2: 10th November, 2023 (Friday)

| Continuation of Theme I :Climate Smart Millet Farming <i>Venue: Seminar Hall</i> | |
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| 09.30 am to 11.00 am | <p>Dr. P. Rajendrakumar, Principal Scientist (Biotechnology) ICAR- Indian Institute of Millet Research (IIMR), Hyderabad <i>Millets: Smart Crops for Climate Change and Nutritional Security</i></p> <p>Dr. AL. Narayanan, Professor, Department of Agronomy, PAJANCOA & RI, Karaikal, <i>Importance of millets in organic farming for sustained growth and Development</i></p> |
| 11.00 am to 11.15 am | Tea Time |
| 11.15am to 01.15 pm | Oral Presentation by Participants |
| 01.15 pm to 02.00 pm | Lunch Time |
| Continuation of Theme II: Challenges in Consumption of Millets <i>Venue: Conference Hall</i> | |
| 09.30 am to 10.30 am | <p>Dr. K. R. Karunakaran, Professor and Head, Department of Agricultural Economics, AC & RI, Kudumiyamalai, TNAU, Coimbatore. <i>Production Diversity and Nutritional Security: A Cross-Sectional Analysis of Millets</i></p> <p>Dr. R. Sendhil, Associate Professor, Dept. of Economics, School of Management, Pondicherry University, U.T of Puducherry <i>Status of Millets in India: Trends and Prospects</i></p> |
| 10.30am to 01.15 pm | Oral Presentation by Participants |
| 11.00 am to 11.15 am | Tea Time |
| 01.15 pm to 02.00 pm | Lunch Time |
| Continuation of Theme III: Entrepreneurship and Business Opportunities <i>Venue: Department of Horticulture - C Block</i> | |
| 09.15 am to 10.15 am | Mr. CA. Iayaraja , Rits and Associates, Thiruvannamalai <i>Functions of FPO in Millets</i> |
| 10.15 am to 10.45 am | Tea Time |
| 10.45 am to 01.15 pm | Oral Presentation by Participants |
| 01.15 pm to 02.00 pm | Lunch Time |
| 02.00 pm to 03.00 pm | PANEL DISCUSSION <i>Venue: Conference Hall</i> |
| 03.00 pm to 03.15 pm | Tea Time |



Day 2: 10th November, 2023 (Friday)

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| 03.15 pm to 05.00 pm | Valedictory function <i>Venue: Conference Hall</i> | |
| | Welcome Address | Dr. S. Parthasarathi, Professor (Agrl. Extension) Dept. of Agrl. Eco. & Extension PAJANCOA & RI, |
| | Presidential Address | Dr. A. Pouchepparadjou, DEAN cum Seminar Convenor, PAJANCOA & RI |
| | Felicitations | Dr. B. Ganesh Kumar, Principal Scientist & Head (HRM), NAARM, Hyderabad, Telangana Dr. P. Rajendrakumar, Principal Scientist (Biotechnology) ICAR- IIMR, Hyderabad. |
| | Valedictory Address | Dr.S.Sundaravaradhan, Registrar, National Institute of Technology (NIT-PY), Karaikal |
| | Distribution of Awards and certificates | |
| | Vote of Thanks | Dr. T. Sivasakthi Devi Assistant Professor (Agrl. Economics) Dept. of Agrl. Eco. & Extension PAJANCOA & RI, |