



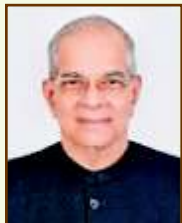
FORUM OF FORMER VICE-CHANCELLORS OF KARNATAKA [FVCK] (R)



ಪ್ರಾಥಮಿಕ ಶಿಕ್ಷಣದ ಮೇಲೆ ಗಮನಿಸಿ

A Platform for Educationists, Academicians and Technocrats

From President's corner



Warm Greetings and Good Wishes from FVCK, Bengaluru.

Dr. Shetty has delivered Dr. B .S. Jirge Oration on “Future Perspectives of Medical Education in India” at KLE Academy of Higher Education and Research, a Deemed to be University, Belagavi on April 13, 2024.

Dr. Shetty was nominated as member Advisory Committee, Sri Siddhartha Academy of Higher Education and Research, a Deemed to be University, Tumkur.

FVCK has facilitated a project proposal for “Transforming University of Mysore into an University of Eminence” in consultation with Dr.N.K.Lokanath, Hon'ble Vice Chancellor, University of Mysore for submitting to Government of Karnataka for a Budgetary provision of 200 crores.

Dr. Shetty has participated in the meetings of the State Education Policy Commission as Advisory member and contributed for the curricular frame work of undergraduate degree programs and adult education and lifelong learning programs. FVCK is striving hard to enroll few more life members and Institutional members in the near future.

Dr. S. Chandrashekhara Shetty
President, FVCK

Editor's thoughts



It is with great pleasure we are presenting the second issue of “VIVEKA VANI” covering the quarter April - June 2024.

The present issue contains a lead article by Dr. M. K. Naik, Former Vice Chancellor of Keladi Shivappa Nayaka's University of Agricultural and Horticultural Sciences, Iruvakk, Sagar Taluk, Shivamogga, Karnataka. He has written a detailed article about Bharata Ratna Awardee Dr. M.S.Swaminathan, a man who was the pioneer of Green revolution in India.

The issue also highlights the activities of FVCK. On 23rd, during the month of May 2024, FVCK had organised at UOM, a discussion on Research and Development / Innovation in Universities by Dr. K. S. Rangappa, Former VC of University of Mysore, (UoM) and another presentation on Accreditation and Ranking of Universities by Dr. G. Hemanth Kumar, Former VC of UoM. Dr. N. K. Lokanath, Honble Vice Chancellor of University of Mysore presented a project proposal on Transforming University of Mysore into an University of Eminence.

This issue also covers the usual columns like Secretary's report by Dr. H. Maheshappa, News in brief by Dr. K. Narayana Gowda, leisure reading by Dr. R. Chandrashekhara and other activities carried out during the quarter. A photo-feature covering the activities adorns the penultimate and last pages of the Newsletter.

Wishing you all 'Happy reading'

Dr. S. Sacchidanand
Editor-in-chief, FVCK

Secretary's Report



Dr. H. Maheshappa
Secretary, FVCK

It gives me great pleasure to place Secretary's report before the Hon'ble members of Executive Committee for your kind perusal.

I FVCK congratulates the following members for their Achievements:-

- 27/04/2024 – World Veterinary Day - Dr. Suresh S. Honnappagol, Former Secretary, FVCK was Bestowed with Best Veterinarian Award by Karnataka Veterinary Council, Bengaluru. Congrats to Dr. Suresh S. Honnappagol.

Secretary's Report

- 7/6/2024 – Dr.S.Chandrashekara Shetty, Dr.H.Maheshappa and Dr.K.Sudha Rao attended the Seminar conducted by the State Education Policy Commission at Bangalore University.
- 10/6/2024 - Congratulations to Dr.T.D.Kemparaju, Dr.Karisiddappa and Dr.H.C. Boralingaiah for being nominated to the Higher Education Council members by the Government of Karnataka.
- 15/6/2024 –Dr. K. Narayana Gowda , Vice President of FVCK, presided over a seminar on “Tamarind and Jamun” conducted by MHM Research Foundation, Bengaluru.

II FVCK Congratulates New Life Members:-

- 02/05/2024 –Dr. Y.M.Jayaraj, Former Vice Chancellor of Pravara Institute of Medical Science, Loni, Maharashtra, became the Life Member of the FVCK. Congratulations to Dr. Y.M.Jayaraj.

III Academic Activities of FVCK:-

- 20/04/2024 - Dr. B. N. Pramodh -Co-Founder, Academy AI, made a presentation on “AI – First Software Product Company” at FVCK, Bengaluru.
- 23/05/2024 -Presentation on “Research and Innovation” by Dr.K.S.Rangappa, Former Vice Chancellor, University of Mysore, Mysore.
- 23/05/2024- Presentation on “Accreditation and Ranking” by Dr. G. Hemantha Kumar, Former Vice Chancellor, University of Mysore, Mysore.
- 24/05/2024 - Dr.N.K.Lokanath, Hon'ble Vice chancellor, University of Mysore made a power point presentation on “Transforming University of Mysore as an University with Potential for Excellence” during the FVCK Executive Committee meeting held at University of Mysore, Mysore.
- 24/05/2024 - Dr.N.K.Lokanath, Vice Chancellor , University of Mysore released the FVCK Newsletter “Vivekavani” during Executive Committee meeting held at University of Mysore, Mysore.

IV Executive Committee meeting:-

- 24/05/2024 – 4/147 Executive Committee meeting was conducted at Vijnana Bhavan, University of Mysore, Mysore.



V Policy Planning Committee meeting:-

- 11/04/2024 – 1st Policy Planning Committee meeting was conducted at FVCK, Bengaluru.

VI Core Committee meeting:-

- 20/4/2024 – 3rd Core Committee meeting was conducted at FVCK, Bengaluru.
- 21/06/2024 – 4th Core Committee and Newsletter Editorial Board meeting were conducted at FVCK, Bengaluru.

VII Editorial Committee Meeting:-

- 09/05/2024 – 2nd meeting of Newsletter Editorial Committee was conducted at FVCK, Bengaluru.

Main Article

A TRIBUTE TO PROFESOR
M. S. SWAMINATHAN:
Father of the Green Revolution



Prof. M. K. Naik, FNAAS
Former Vice Chancellor
KSN University of Agricultural Sciences, Shivamogga

Professor Monokombu Sambasivam Swaminathan (MSS) stands out as “distinguished” in the annals of Indian agricultural history for several reasons. A globally acclaimed agricultural scientist, his contributions to global food security, social, rural and gender equity in India and many underdeveloped countries is unparalleled. With the background of genetics, MSS strategically combined scientific research, global collaboration with food and agricultural organizations, synergizing with policymakers and the developmental departments, bringing in a remarkable transformation in the Indian agricultural landscape, turning it from a food-deficit country to a food-sufficient one and from a nation of food - importing to a food-exporting country. Indeed, that was an unprecedented transformation. Along with Nobel laureate, Dr.

Norman Borlaug, Prof. Swaminathan championed the cause of the Green Revolution and subsequently advocated the evergreen revolution and sustainable agriculture.

Born on August 7, 1925, in Kumbakonam, Tamil Nadu, he had a deep connection to his farming family and gained wide exposure to the challenges of farming. MSS had his early education in local schools but decided to study agriculture after experiencing the impact of the “Bengal Famine” of 1943. He studied a bachelor's degree in agriculture from the College of Agriculture, Coimbatore, Tamil Nadu, and a master's degree in genetics at IARI, New Delhi, in 1949. He was a UNESCO fellow at Wageningen Agriculture University, Netherlands, and subsequently, obtained a Ph.D. from the University of Cambridge, UK, in 1952, and post-doctoral studies at the University of Wisconsin, USA. He came back to India in 1954, declining faculty positions in the USA.

Professor Swaminathan worked at CRRI, Cuttack, and IARI, New Delhi, and was concerned about India's food security with its “ship to mouth” existence and the country's image as a “begging bowl.” He was interested in increasing the agricultural productivity of our staple food crops (wheat and rice). Prof. M.S. Swaminathan and his team used dwarfing genes, Norin-10 (from Japan) in wheat and Dee-Geo-woo-Gen (from China) in rice, to breed input-responsive, high yielding semi-dwarf wheat and rice varieties in the mid-1960s, doubling the production of these crops within 5 to 7 years. Nobel Laureate, Dr. Norman E. Borlaug was the main motivator and collaborator in the Wheat Revolution. The quantum jump in productivity and production of these crops was called the “Green Revolution,” enabling the government to declare India self-sufficient in food production in 1971.

In order to meet the emerging challenges, arising out of the Green Revolution, Prof. M.S.

Swaminathan strongly advocated the adoption of the Evergreen Revolution scientifically rooted in the principles of ecology, economics, social, and gender equity, thus ensuring enhanced productivity and profitability without ecological damage. It is truly a revolutionary pathway for agricultural transformation.

Prof. M.S. Swaminathan had repeatedly cautioned that “if agriculture goes wrong, nothing else will go right.” The Evergreen Revolution embraces all the on-going advocacies for regenerative agriculture, green agriculture, organic farming, and natural farming and adopts a system-based approach. “Swaminathan's Evergreen Revolution is the best option available to human kind to feed the burgeoning millions of new mouths annually and at the same time save the rest of life on the planet as well,” was highlighted by Prof. E.O. Wilson, a world-renowned Harvard biologist, in his famous book “The Future of Life” (2002).

The ICAR-IARI (Indian Agricultural Research Institute) is the “Karma Bhumi” of Prof. M.S. Swaminathan, the harbinger of the Green and Evergreen Revolution. As the leading geneticist, Prof. Swaminathan pioneered basic research in genetics, cytogenetics, radiation biology, and induced mutation. Further building on it, as Director of the Institute from 1966 to 1972, he took IARI to much greater heights and added several topical research and teaching laboratories and facilities, namely, the Nuclear Research Laboratory, Gamma Garden, Water Technology Centre, Pulses Research Laboratory, Divisions of Genetics, Plant Physiology, Agricultural Chemicals, Seed Science Technology, and Algal Laboratory. These creations helped the Institute and the nation as a whole harness science and technology for the elimination of rural poverty and hunger. To cite just one of the many examples, the Basmati rice research that he initiated in 1965, is currently annually contributing over Rs. 40,000 crores through Basmati rice export.

Among several coveted positions that Prof. Swaminathan occupied in India, each with elegance, innovation, and creativity, are the Director, IARI (1961–72); the Director General, ICAR (1972–79); the Agriculture Secretary, Govt. of India (1979); and the and the Acting Deputy Chairman and Member, Planning Commission (1980–82). Further, he was the first Indian to become Director General of the International Rice Research Institute, Philippines (1982–88), and his leadership was recognized with the first World Food Prize in 1987. One of his most pivotal roles came in 2004, when he was appointed Chair of the National Commission on Farmers. This commission was established in response to rising farmer distress and alarming rates of suicide among farmers. The Commission's report, submitted in 2006, made several recommendations. A prominent suggestion was that the minimum selling price (MSP) should be at least 50% above the weighted average cost of production. He was nominated as a Member of the Rajya Sabha for his expertise and contributions to agriculture for one term (2007–2013).

Prof. Swaminathan is a Distinguished Fellow of over 30 Academies globally, including the prestigious Fellowship of the Royal Society, and a Founder Fellow of the Third World Academy of Sciences. He is the recipient of 85 honorary doctoral degrees, D.Sc. (Honoris causa), from across the globe. He was honored with the Mendel Memorial Medal from the Czechoslovak Academy of Sciences (1965); the Ramon Magsaysay Award (1971); the Albert Einstein World Science Award (1986); the first World Food Prize (1987); the Tyler Prize for Environmental Achievement (1991); the Four Freedoms Award (2000); and the Planet and Humanity Medal of the International Geographical Union (2000). He was conferred with the Order of the Golden Heart of the Philippines; Order of Agricultural Merit of France; Order of the Golden Ark of the

Netherlands; and the Order of Cambodia. The United Nations Environment Programme has called him the 'Father of Economic Ecology', and in 1999, he was on TIME's list of the most influential Asian people of the 20th century, along with Mahatma Gandhi and Rabindranath Tagore. Prof. Swaminathan's exceptional contributions to India earned him esteemed accolades, alongside the Shanti Swarup Bhatnagar Award (1961), Padma Shri (1967), Padma Bhushan (1972), Padma Vibhushan (1987), Lal Bahadur Shastri National Award (1999), Indira Gandhi Prize (2001), and now the coveted Bharat Ratna (2024), India's highest civilian award. The UNEP described him as the Father of "Economic Ecology" because of his leadership of the evergreen revolution approach. The UN Secretary General, Javier Perez de Cuellar, described him as a "living legend who will go into the annals of history as a world scientist of rare distinction".

Under the chairmanship of Prof. Swaminathan, the National Commission on Farmers (NCF), prepared five volumes of reports between December 2004 to 2006, with policy recommendations on major issues in agriculture, including land reforms, irrigation, credit and insurance, food security, employment, and the productivity of agriculture. The Government of India has accepted 200 of the 201 recommendations. As a nominated member of the Rajya Sabha from 2009 to 2013, Professor MSS promoted the Women Farmers Entitlements Bill 2011, raised issues related to climate smart agriculture, the impact of climate change on women, alternative cropping strategies, restructuring the proposed Food Security Bill as the Food and Social Security Bill, etc.

Prof. Swaminathan's work has inspired countless young scientists and researchers to pursue careers in agriculture and related fields. He has been an influential mentor to many, nurturing a new generation of agricultural

scientists and policymakers. Prof. Swaminathan's commitment to ethical and sustainable agricultural practices has set an example for future scientists and policymakers. The M.S. Swaminathan Research Foundation (MSSRF), established by him in 1987, has made numerous important contributions to agriculture, rural development, and food security in India and beyond. It has played a role in advancing the principles of the Green Revolution in India, particularly in the development and dissemination of high yielding crop varieties and modern farming practices. The foundation has been a pioneer in promoting sustainable and eco-friendly agricultural practices, focusing on conserving biodiversity, minimizing chemical inputs, and enhancing soil and water management. MSSRF's research has led to the development of biofortified crops, addressing malnutrition by improving the nutritional content of staple foods, such as iron-fortified pearl millet. It has championed the empowerment of women in agriculture, providing them with training, resources, and opportunities for leadership roles in farming and rural development. The foundation has developed and promoted climate-resilient crop varieties and farming systems to help small-scale farmers adapt to changing climate conditions.

He was responsible for establishing several institutions in the country, such as the Agricultural Scientists Recruitment Board (ASRB) to hunt for talents in the Agricultural Research Service (ARS), the National Academy of Agricultural Research Management (NAARM), to create good research managers, and the National Academy of Agricultural Sciences (NAAS) for creating a "Think tank" of agricultural scientists. He also played a crucial role in establishing a huge network of Krishi Vigyan Kendra (KVK) in the country to ensure that the science is relevant to society.

Prof. Swaminathan devoted his entire life to

the field of agriculture. He demonstrated that research can and should be directed toward addressing concrete difficulties, so serving as an example of how science can act as a catalyst for positive change. We were all inspired by his ceaseless efforts and steadfast dedication to the cause of agriculture. In addition to influencing the lives of millions of Indians and others worldwide, Prof. Swaminathan was a mentor to scientists, a teacher to students, a guide to farmers, and a counselor to administrators. He also played a significant role in the establishment of agricultural institutions with international recognition. He ensured that farmers were at the center of all agri-R&D initiatives, created previously unheard-of possibilities for thousands of agri-researchers, and raised the bar for agri-science across the nation so that future generations would profit from, remember, celebrate, and be appreciative of it all. Researchers, decision-makers, and activists all across the world are still motivated by his legacy to take on today's most important issues, such as sustainable agriculture and climate change.

Prof. Swaminathan passed away, at the age of 98, on September 28, 2023, at his residence in Chennai. In a tribute to Prof. Swaminathan, Prime Minister Narendra Modi said, "Swaminathan loved India, and wanted our nation, our farmers in particular, to lead a life of prosperity..... He understood that farmers are the pin that holds the world together because it is the farmers who sustain everyone." He was a true farmer-scientist."

I pay rich tribute to Prof. Swaminathan, recalling his famous quote, "The future belongs to nations with grains and not guns".

LIESURE READING.

Compiled by
Dr. R. Chandrashekhar
Former Vice Chancellor
RGUHS, Bengaluru.

CANCER – Yes and No

Say "No" to:-

1. Reusing oil
2. Powdered milk
3. Maggie Cubes
4. Carbonated juice (32 sugar cubes per liter)
5. Processed sugars
6. Microwave
7. Prenatal mammogram
8. Bras that are too tight or wear them after work
9. Alcohol
10. Reheating frozen meals
11. Store water in the refrigerator in plastic bottles.
12. certain birth control pills
13. Deodorants are dangerous
14. Sugar, artificial sugar, even brown sugar are mortal enemy.
15. Tobacco / Gutka

Say "Yes" to:-

- 1 Vegetables
- 2 Honey in reasonable quantity instead of sugar
- 3 Vegetable proteins like beans instead of meat
- 4 Breast feeding
- 5 Two glasses of water on an empty stomach before brushing your teeth
6. Unheated meals
- 7 . Anti-cancer juice:

Aloe vera + ginger + parsley + celery + bromelain (pineapple middle). Mix and drink on an empty stomach.

8. Other anti-cancer juices: Corosol (seedless) + bromelain.

9. Eat raw or cooked carrots or their juice every day.

The American Physicians Association gave answers to the cause of cancer:

1. Don't drink tea from a plastic cup
2. Do not eat anything hot in a paper or plastic bag. Example: potatoes (fries).
3. Do not use plastic in the microwave

News in brief:

Dr. K. Narayana Gowda
Vice President, FVCK



State level seminar on tamarind and Jamun was organized on 15/6/2024 at the Alumni Association University of Agriculture Sciences, Hebbal, Bengaluru focusing on harvesting, processing and marketing considered to be major challenges in these two multipurpose fruit crops with many health benefits.

In the recent years, it is reported that more than 90 percent of Tamarind is going unharvested because of lack of market and non-availability of labor. In case of Jamun, harvesting it is equally a big challenge. It is not how much we produce matters more, but how much productively it is utilized for the best of mankind matters more.

Keeping these issues in background, the seminar was organized by Dr.M.H.Marigowda, Foundation in collaboration with related organizations. The Program was attended by many distinguished persons, particularly Sri.T.B.Jayachandra, Special Representative to Delhi, Government of Karnataka, Dr.Shalini Rajneesh, Development Commissioner, Government of Karnataka, Dr.S.V.Suresha, Vice Chancellor University of Agriculture Sciences, Bengaluru, Sri. Ramesh, Director of Horticulture and many resource persons. The Foundation is committed to provide a permanent solution to the aforesaid problems in close collaboration with the concerned organizations.



Dr.Suresh S. Honnappagol, was bestowed with best Veterinarian Award by Karnataka Veterinary Council, Bengaluru



Hon'ble Vice Chancellor of Mysore Dr.N.K.Loknath releasing the 1st issue of "Vivekavani" FVCK Newsletter.



23/05/2024- Presentations on "Research and Innovation" by Dr.K.S.Rangappa and on "Accreditation and Ranking" by Dr. G. Hemantha Kumar, Former Vice Chancellors, UoM.



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Please send your comments and suggestions on this News Letter to help us improve further. It will be our pleasure to incorporate important academic activities of your Institution in the next issue. Universities and colleges of Karnataka are invited to be Institutional members of the forum.

Book-Post