



**ASSOCIATION OF RETIRED INDIAN COUNCIL OF AGRICULTURAL RESEARCH EMPLOYEES  
(ARICARE)**

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## **ARICARE NEWS**

### **Governing Body**

Dr K.K. Satapathy -President ,Dr . M. Datta – Vice President ,Dr . D.C. Nayak – Secretary , Dr. G. Bose –Asstt. Secretary ,Mr. S. Ranjan Sarkar- Treasurer , Mr. B.K. Saha – Asstt. Treasurer (**Office Bearers**) , Dr B.K. Bandopadhyay , Dr. S. S. Pal , Dr.(Ms) S. Chakrabarti, Dr. K. Das , Dr. A K Sahoo , Dr. D. Pal , Dr.A. Biswas, Mr. S. K. Sinha, Dr. U.K. Ghosh , Mr. S. K. Pal

### **Editorial Board**

Dr. M. Datta, ,Dr . M. S. Basu , Dr ( Prof) A.K. Pal , Dr S.C. Saha, Dr R.K. Sarkar.

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Ageing is a continuous and irreversible biological process, associated with decline in productiveness. Ageing population in India is rapidly increasing owing to the impressive gains that country has made in the advance of technology and modernization, advancement of health care and improved living conditions. The words 'elderly', 'older persons', 'senior citizens' are used synonymously for the aged population. The elderly Indian population is one of the fastest growing in the world, which is expected to reach 240 million in 2050. Increased life expectancy along with fast urbanization and lifestyle changes have, however, led to an emergence of wide-ranging problems for the aged in India. The ageing population is both medical and sociological problem and care for elderly is fast emerging as a critical element of both public and private concerns. Lack of physical infrastructure both in home and public spaces is a major bottleneck for providing comfort to the aged. The existing health care systems are not adequate to meet the physical and health care needs of the ageing population such as old age security, establishing old age homes, essential geriatric services indispensable for the welfare of older persons.

The traditional Indian society with an age-old value based joint family system has been instrumental in safeguarding the social and economic security of the elderly people. However, with rapid socioeconomic changes due to rapid industrialization, migration of younger population, breaking of joint family system and emergence of nuclear family setup have made elder care management difficult. Significantly high percent of older people are living alone and they are exposed to growing emotional, physical and financial insecurity in the years to come. Majority of them have to depend on their own resources or have to depend on the mercy of others. The Covid lock down has greatly affected the livelihood and income of the elders who have no savings or no one to take care of them. The elderly in India are much more vulnerable because of the less Govt spending on social security system. Insurance cover of the elderly is virtually nonexistent. Pension and social security is restricted to those worked in the public sector or the organized sector of the industry. Apart from health care costs, lack of financial support, loneliness and isolation are major concerns among elderly.

Today older persons can not be seen as burden in our society, but they must be recognized as a huge pool of resources, knowledge, experience and wisdom. Many of them are active physically as well as psychologically, but have no work to do. They need opportunities to utilize their resources and contribute in the mainstream. Social security system, assured old age health care, empowerment of older people are among the burning issues. With growing old age population, the Govt must take necessary steps so that senior citizens are respected and can lead a dignified life. Efforts should be made to strengthen the family care as the preferred source of support for the aged is still the family. There is also need for elderly to remain active, to know that they have a part to play in the family or community to which they belong and can make a useful contribution and society as a whole. Working to make the world more age friendly is an essential and urgent part of our changing demographics.

**"ALONE WE CAN DO SO LITTLE; TOGETHER WE CAN DO SO MUCH." – HELEN KELLER**

The ARICARE e-newsletter has gained its popularity among the retired and serving employees of ICAR since January, 2017. I hope this issue of newsletter will provide us many important information of the activities of ARICARE, other social/general issues and recent agricultural development.

During the period, a lot of activities of ARICARE were undertaken by different sub-committee with great enthusiasm. One Governing Body meeting and one Get-Together meetings were held. With the initiatives of Picnic Get-together and Cultural sub-committee, the picnic was organized on 20<sup>th</sup> March, 2022 at Purba Kolkata Matsyajibi Samabay Samity, EM Bye-Pass, Anandapur, Kolkata. 52 participants which includes the members and their family members enjoyed a lot in different amusing activities.

The Bengali Barsha Baran (1429) programme was also organized on 27<sup>th</sup> April, 2022 at ICAR-NBSS & LUP, Regional Centre, Salt Lake, Kolkata. It was a grand occasion for get-together ignoring the hot summer. Members along with family members ( 30 nos) joined in the programme and performed the songs, recitation, music, recitation etc with great enjoyment.

The second issue of e-magazine "ANWESHA" was published on the eve of Bengali New Year, 1429. We are thankful to all contributors of the magazine and the members of the editorial board. A domestic tour was organized by Tour Sub-Committee to visit the Dooer's area in West Bengal during 2<sup>nd</sup> May to 8<sup>th</sup> May, 2022. Twelve persons including family members participated in the tour which was a very enjoyable trip. Another local tour was also organized during 2 - 3<sup>rd</sup> July 2022 to visit Gangasagar, South 24 parganas district, West Bengal by Kolkata Heritage River Cruise and 35 ARICARE members and families took part in this trip.

New members joining in ARICARE family, are heartily welcomed and it is hoped that the society will be enriched with their active involvement in different activities of ARICARE. Again, the fourth wave of Corona virus is knocking in our country. We, the senior citizens should be careful and obey the covid protocol at every step of life. I wish good health and safe for all members of ARICARE and their family to overcome this wave of COVID-19.

## Editorial

There is an important saying as quoted here " When one door of happiness closes , another door opens ; But often we look so long at the closed door that we do not see the one which has been opened for us". ICAR Retired Association , as it saw the dawn in 2014 in Kolkata, gradually could bring a good number of our retired professional under its umbrella to carry out various ARICARE activities designed to open a door for us to live in togetherness. **ARICARE News** is a compendium of our activities and this July issue of News is published on e – platform through the compilation of whatever we did , during the period from February to July , 2022 ( 6 months) . Members of the Editorial Board deserve admiration for the initiatives being received through telephonic discussion as some of our members are in abroad.

Covid onslaught had seriously restricted our activities and we were in the web of virtual meetings for the purpose of communication among the members. Besides one virtual meeting that took place in the month of February , 2022, we have started our activities with full enthusiasm displayed in having picnic , tour , nababarsha programme and Association meetings

etc. Due to volatile market, people particularly Senior Citizens are hesitant to keep their hard earned money in the safe custody of financial Institutions and as such we in the Editorial Board are informing safe Investment under Fixed Deposits in Banks in this Issues of ARICARE News.

Many of our valued members are having engagements or assignments even after superannuation but such achievements generally remain unobserved during our present ongoing period. But our ARICARE News has provided an avenue so that Members can update their engagements or accomplishments and such documentation may, as felt, infuse a sense of contentment.

India is now among the topmost countries when it comes to size of its GDP and is aspiring to become \$5 trillion economy. Our per capita income is 500 times higher than what it was in the 1950s. There will be no exaggeration to say that Agriculture in which we were involved during our service career, had progressed tremendously during our journey of **75 years** since independence. An exercise in Agri-technology summary may be pertinent for the readers to know the advancement, though people now –a-days are trailing interest in reading and are mainly engrossed in interactive technologies through Social Media.

We, in the Editorial Board do express our best wishes for good health with sound mind to all our Hon'ble Members and their families in the time to come. The assistance and support which we have received to prepare this document, are of high magnitude and we are indebted to all of you. Jai Hind.

## Meeting and Events

### Governing Body Meeting

During 2021-22, Governing Body Meeting was held on 30<sup>th</sup> March, 2022 in the office of ICAR – NBSS & LUP, Kolkata to discuss regarding the Bye Laws of the Association and other related matters.



A view of the Governing Body Meeting

The Governing Body Meeting of ARICARE was held at 2.30 P.M. on 10.06.2022 in the meeting room of ARICARE at ICAR-NINFET, Kolkata. Total seven members were present namely Dr.K.K.Satapathy, Dr.D.C.Nayak, Mr. Sumitranjan Sarkar, Mr B K Saha, Dr. Syamali

Chakrabarti, Dr. Krishnendu Das and Dr. Debasis Pal. The President, Dr. K.K. Satapathy, welcomed the members. The meeting was started as per agenda. Minutes as follows.

*Agenda-1: Confirmation of the minutes of the Last GB meeting*

The Secretary mentioned that the last GB meeting was held on 18.12.2021. The minutes were circulated to all members through e-mail. Again, the highlights of the minutes were read out and confirmed by the members.

*Agenda-2: Fixation of the date of AGM (2021-2022)*

The matter was discussed thoroughly among the present members. Some members suggested the dates in the last week of June. The President mentioned that the amendment of Bye Laws (the rules and regulations) needed one month notice which would be decided in the Annual General Meeting. Considering all aspects, the date of AGM was fixed on 13.7.2022 (Wednesday). The venue will be in the Auditorium of ICAR-NINFET, 12 Regent Park, Kolkata-700040 at 10.30 AM.

*Agenda-3: Discussion on the Audit and Accounts of the Year 2021-2022*

Mr. Sumitranjan Sarkar, the Treasurer informed that the accounts of ARICARE for the period from 01.4.2021 to 31.3.2022 were audited by the appointed Auditor. He briefed the audited statements of Income and Expenditure as well as the Receipts and Payments.

*Agenda-4: Discussion on the amendment of Bye-Laws of the Association*

The President mentioned that himself, D. C. Nayak and Sumitranjan Sarkar visited the office of the Co-operatives and Firms, at Salt Lake on 31.5.2022 to enquire about the amendment of Bye-Laws of the Association. As per the suggestions, the duly filled up Form-IV with supported documents should be submitted in the office. The President requested the Secretary and Mr. Sumitranjan Sarkar to take the necessary action and the points to be amended may be circulated to the members of ARICARE well before the Scheduled AGM.

*Agenda-5: Discussion on the activities of ARICARE*

The President emphasized that in addition to the routine activities, some social activities may be taken up as the situation is improving. Mr. Sumitranjan Sarkar informed that the rest fund (Rs.36000/-) is kept for social works and the fund may be increased by appealing to the new members and those who had not paid earlier.

*Agenda-6: Any other issues with the permission of the chair*

The President requested Dr. Syamali Chakrabarti, the Chairman of the Tour Committee to brief their future program as the meeting of the Tour Committee was held few days back. She told that the three programmes, one International (Tour in Bangladesh) and one national in Nagaland, Manipur and Mizoram during end of November to 1st week of December, 2022 and one local tour to Gangasagar in 2<sup>nd</sup> July and this information was already circulated through WhatsApp. The President appreciated their efforts and should be finalized as soon as possible. The President also requested the members to explore to organize a "Hilsha Utsav" in and around Kolkata in August, 2022. The meeting was ended with votes of thanks.

**"COMING TOGETHER IS A BEGINNING, STAYING TOGETHER IS PROGRESS, AND WORKING TOGETHER IS SUCCESS." – HENRY FORD**





A view of the Governing Body Meeting

### Annual General Meeting

Annual General Meeting was held on 14<sup>th</sup> July, 2022 at ICAR – NINFET. There were 59 members of ARICARE present in AGM. In the AGM held on 14.7.2022, members of the Governing Body of ARICARE for the year 2022-2023 are as follows.

*Office Bearers:* 1. Dr. K.K. Satapathy – President, 2. Dr. M. Datta - Vice President, 3. Dr. D.C. Nayak – Secretary, 4. Dr. Goutam Bose - Asstt. Secretary, 5. Mr. Sumit Ranjan Sarkar – Treasurer, 6. Mr. B.K. Saha - Asstt. Treasurer

*Members:* 1. Dr. B. K. Bandyopadhyay, 2. Dr. Sudhansu Sekhar Pal, 3. Dr.(Ms) Syamali Chakrabarti, 4. Dr. Krishnendu Das, 5. Dr. A K Sahoo, 6. Dr. Debasis Pal, 7. Dr. Asok Biswas, 8. Mr. Swapan Kumar Sinha, 9. Dr. Ujjwal Kumar Ghosh, 10. Mr. Subrata Kumar Pal



A view of AGM held in the Auditorium of ICAR – NINFET



Tea Break and Lunch

### Governing Body Meeting

Governing Body Meeting with the new members as decided in AGM , was held on 25<sup>th</sup> July at ICAR – NINFET to discuss about the formation of Sub Committee and amendment of By Laws.



A view of Governing Body Meeting

Different Sub-Committee of ARICARE (2022-2023) is formed and stated below.

- *Pension, administration and medical Sub-Committee*

- (1) Dr. Mrinmoy Datta ----**Chairman**
- (2) Mr. Subrata Kumar Pal ----- **Convener**
- (3) Dr. B. K. Bandyopadhyay
- (4) Mr. B.D.Mondal
- (5) Mr. Ujjwal Kumar Ghosh

- (6) Mr. Brundaban Kabi
- (7) Mrs. Jayasree Nath

- *Tour Sub-Committee (National, International and Short Tours)*

- (1) Dr. Syamali Chakrabarti ---- **Chairman**
- (2) Mr. Binoy Krishna Saha ----- **Convener**
- (3) Dr. Mrinmoy Datta
- (4) Dr. Gautam Roy
- (5) Dr. Krishnendu Das
- (6) Dr. B. K. Mahapatra

- *Social and Cultural Sub-Committee*

- (1) Dr. Krishnendu Das ---- **Chairman**
- (2) Dr. Debasis Pal ----- **Convener**
- (3) Dr. Syamali Chakrabarti
- (4) Dr. Gautam Roy
- (5) Dr. Sudhansu Sekhar Pal
- (6) Mr. Swapan Kumar Sinha
- (7) Dr. Narayan Chandra Choudhuri
- (8) Mrs. Jayasree Nath

- *Social Media Sub-Committee*

- (1) Dr. Gautam Bose ---- **Chairman** & Admin, WhatsApp
- (2) Dr. Krishnendu Das ---- **Convener** & Admin, Facebook
- (3) Mr. Sumitranjan Sarkar ----- Admin, Website
- (4) Mr. Swapan Kumar Sinha ---- Joint Admin, Website
- (5) Dr. Asok Biswas

- *Editorial Board of "e-Newsletter"*

- (1) Dr. Mrinmoy Datta
- (2) Dr. M. S. Basu
- (3) Dr. Asok Biswas

- *Editorial Board of e-Magazine "ANWESHA"*

- (1) Dr. Sudhansu Sekhar Pal
- (2) Dr. Asok Biswas

The president, the secretary and the treasurer would be ex-officio members of all the committees. Each committee will create its own WhatsApp group for effective communication and functioning.



## Tour Committee Meeting

The meeting of the Tour Committee of Association of Retired Indian Council of Agricultural Research Employees ( ARICARE) was held on 17<sup>th</sup> May , 8<sup>th</sup> June , 23<sup>rd</sup> June , 7<sup>th</sup> July and 20<sup>th</sup> July to conduct the National and International Tour in the ongoing year.



A view of the Tour Committee Meeting.



Vibrant Tour Committee Members

## National Tour

### *Dooars Tour*

ARICARE has organized National Tour to Dooars from 2<sup>nd</sup> May to 9<sup>th</sup> May , 2022 and some of our photographs are depicted hereunder. 12 persons were present in the visit to Dooars. We had stayed at Lataguru and Madarihat Resort and visited Garumara and Jaldapara National

Park , Buxa Tiger Reserve, Murti River , River Jayanti, Jhalong , Samsing , Suntalekhola, Rocky Island and Tea Gardens amidst lush green forests etc.



Garumara Forest



Jeep Safari at Garumara



Murti River



Samsing



Surrounded by Forest in Samsing



Jaldapara Resort



### *Gangasagar Tour*

A tour to Gangasagar by Kolkata Heritage Cruise was organized on 2<sup>nd</sup> July, 2022 and we returned on 3<sup>rd</sup> July. We ( 35 ARICARE members along with family ) paid a short visit to Sagar beach , Saint Kapil Muni Temple , Sagar Lighthouse , Bharat Seva Ashram and Onkarnath Temple etc.



Kolkata River Cruise



At Ganga Sagar Beach

**“GANGASAGAR — CONFLUENCE OF RIVER GANGES AND BAY OF BENGAL”**



Ganga Sagar Beach



Saint Kapil Muni's Ashram

### **Naba Barsha Programme**

ARICARE had organized Bengali New Years Day Celebration ( Nababarsha) in the Seminar Hall of ICAR- NBSS & LUP on 27<sup>th</sup> April, 2022 and Songs / Recitation was performed by Retired officials and family members. 30 persons were present in the programme



A view of ARICARE family in Nabarsha Programme in ICAR- NBSS &amp; LUP



Mrs Sikha Satapathy singing songs



Dr ( Mrs) Utpala Parthasarathy reciting a poem



Dr Gautam Roy singing songs



Shri Swapan Kr. Sinha singing songs

### **Picnic**

Picnic –cum –get – together of ARICARE members along with family ( 52 persons) was held on 20<sup>th</sup> March , 2022 at UNESCO Heritage Place , East Calcutta Wetlands , Anandapur. The participants enjoyed the event in spite of summer heat due to proximity of the site to a large number of wetlands and trees around . Food arrangement from breakfast to sumptuous lunch with tea /coffee and snacks as made was delicious , hygienic and well served. Musical Chair and various spot performances such as Yoga and Dancing posture , Songs , Poem recitation , Jokes etc were also organized among the participants. Day spent was a memorable one.



A view of ARICARE family members assembled in Picnic

**“THE WORD PICNIC COMES FROM THE FRENCH WORD ‘PIQUE-NIQUE’ WHICH MEANS A SOCIAL EVENT WHERE EACH GUEST CONTRIBUTES A SHARE OF THE FOOD.”**





Prize Distribution



Lunch

### Release of Magazine

Digital Sanmasik Patrika, " Anwesh", Nababarsha Sankha , 1429 was released on 27<sup>th</sup> April , 2022 by Dr Dipak Dutta ,Principal Scientist and Head ( I/C),ICAR- NBSS & LUP in presence of all of us in Nabarsha programme .Drs S.S. Pal and Ashoke Biswas , Editorial members of Anwesh were also present in the programme.



Release of Anwesh



### Felicitation

As a mark of respect , ARICARE had been felicitating Members after attaining 75 years of age. During 2021-22 , 6 ( six) retirees were felicitated in different occasions organised by ARICARE.

**"WE WISH YOU A JOYFUL AND WONDERFUL YEAR FILLED WITH LOVE ,LAUGHTER AND GOOD HEALTH."**



Dr Monoranjan Saha , Former Principal Scientist, ICAR- IARI being felicitated on 20<sup>th</sup> March



Dr Bijan Kumar Dutta , Former Principal Scientist, ICAR –IARI being felicitated on 27<sup>th</sup> April



Mrs. Sandhya Sen, Former Sr. Cleark, ICAR –NINFET being felicitated on 14<sup>th</sup> July.



Dr Ramakanta Mondol , Former Principal Scientist ICAR – CRIJAF being felicitated on 14<sup>th</sup> July.



Dr Banku Behari Das, Former PC ( Jute) & Director I/C, ICAR – SBI on 14 th



Dr Indra Nath Ghosh , Former Principal Scientist , ICAR – NINFET being felicitated on 14th .July.

### Life Member

During the period of 6 months from February to July ,2022 , 7 ( seven) retirees from ICAR Institutions became member of ARICARE. They are Dr Akhil Ranjan Roy , Former CTO ( T-9) , ICAR Research Complex for NEH Region , Meghalaya , Dr Sibnarayan Dam Roy, Former Principal Scientist, ICAR –CIFRI , Shri Subrata Kumar Pal, Former AAO , ICAR-CRIJAF ,Dr Aresh Kumar Ghorai , Former Principal Scientist , ICAR – CRIJAF ,Dr (Ms) Madhumita Das , Former Principal Scientist & Director (I/C), ICAR – IIWM, Dr B.K.Mahapatra , Former Principal Scientist & SIC , ICAR- CIFE , Shri Sujon Kumar Sadhukhan, Former Sr. Technical Officer , ICAR-CIFRI.



Dr Akhil Ranjan Roy



Dr Sibnarayan Dam Roy



Shri Subrata Kumar Pal



Dr Aresh Kumar Ghorai





Dr Madhumita Das



Dr B.K. Mahapatra



Shri Sujon Kumar Sadhukhan

**“ICAR RETIRED EMPLOYEES ARE BECOMING MEMBER TO REMAIN UNDER THE UMBRELLA OF ARICARE”**

## Our Achievements

Achievements or Engagements of our valued members of ARICARE during the period from February to July, 2022 stand for mention in the pages of ARICARE News.

- Dr. P. Das, Former Deputy Director General (Agri. Extension), ICAR, New Delhi has the following engagements.

*Member of Advisory Board:* Central Agricultural University, Imphal to identify collaborative areas between the Southeast Asian countries as a part of Act East Policy of Govt. of India and also the New Education Policy of Govt. of India, 4.2.2022.

*Chairman:* Meeting of the Research Advisory Committee for ICAR ATARIs, 21-22 February 2022  
*Expert:* Selection of Senior Officials under Central Agricultural University, Imphal, 12-16 March, 2022

*Reviewer of the book:* 'Indian Agriculture after Independence' Indian Council of Agricultural Research, March, 2022.

*Co-Chair:* Technical Session- III: Sectoral Extension Services, National Dialogue on Innovations in Agricultural Extension: A Way Forward. Organized by Trust for Advancement of Agricultural Sciences (TAAS), 8-9 April, 2022

*Speaker as a Guest of Honour:* 'WorldEarth Day', Online Conference on 'WorldEarth Day', Organized by Global Centre for Sustainable Agriculture and Food Security (GFSRD), 22.4.2022, Guinea, West Africa.

*Chairman:* Technical Session on Entrepreneurships, Partnerships and Startups in Horticulture Sector and Reorienting Extension Services. National Dialogue on Extension Services for Efficient Delivery of Horticultural Technologies: A Way Forward. ICAR- IIHR, Bangalore, 20-21 May 2022.  
*Felicitations:* for contribution in Horticultural Extension. National Dialogue on Extension Services for Efficient Delivery of Horticultural Technologies: A Way Forward. ICAR- IIHR, Bangalore, 20-21 May 2022.

*Chairman:* Judging Committee: ICAR-Pandit Deendayal Upadhyay Krishi Vigyan Protshahan Puraskar 2021, 9th June 2022.

*Lecture Series Delivered :* To enhance entrepreneurial competence

- 1) 'Extension Programme Planning' College of Fisheries, Central Agricultural University, 28.6.2022, Agartala, Tripura
- 2) 'Role and Functions of Primary Producers' Organizations in Extension' College of Fisheries, Central Agricultural University, 28.6.2022, Agartala, Tripura
- 3) 'Role of Extension in Global Perspectives' College of Fisheries, Central Agricultural University, 29.6.2022, Agartala, Tripura
- 4) 'Extension Project Management and Impact Analysis'. College of Fisheries, Central Agricultural University, 29.6.2022, Agartala, Tripura



- Dr. (Prof) A.K.Pal , Former Joint Director , ICAR-CIFE,Mumbai attended the meeting of Research Advisory Committee ( RAC) of ICAR-RCER, Patna during 19<sup>th</sup> to 21<sup>st</sup> April ,2022 and also visited Institute Research Farms both at Patna and Ranchi as well as adopted villages for interaction with Scientists and farmers with suggestions on ongoing and futuristic activities.
- Dr Pratap Mukhopadhyay, Former Principal Scientist, ICAR –CIFA,RRC, Rahara delivered a Key note speech on 'Aquaponics-a recirculatory plant and animal production system' on 16th May,2022 through hybrid mode at the International training cum workshop on Agriculture : a futuristic approach towards smart and sustainable urban farming ( April30 - May 20 ),Just Agriculture Magazine, AEEFWS, Punjab and was honoured with a Memento.
- Dr D.P. Sinhababu, Former Principal Scientist, ICAR-NRRI,Cuttack successfully completed the tenure of Consultancy on March,2022 with ICAR- National Rice Research Institute, Cuttack for a RKVY funded 219.30 lakh project on rice based Integrated Farming System for livelihood security of small and marginal farmers in coastal Odisha.. The assignment included providing time to time guidance and training to the project personnel and farmers during about two years period for development of Rice- fish- horticulture-livestock based integrated farming system models in rainfed lowlands under eight Blocks of two coastal districts (Puri and Jagatsinghpur) of Odisha.
- Dr K.K. Satapathy, Former Director, ICAR-NINFET,Kolkata has the following assignments
  1. *Member*, Research council, Dr Rajendra Prasad Central Agricultural University, Pusa,Bihar
  2. *Member*, Committee to review the recommendation of the Board of studies, Faculty of Agriculture, Assam Agricultural University, Jorhat(Assam) regarding opening of M Tech in Agricultural Engg.
  3. *Delivered lecture* on ' Protected cultivation' at the Institution of Engineers, Kolkata on 28<sup>th</sup> June, 2022.
- Dr Dilip Kumar Kundu ,Former Principal Scientist, ICAR –CRIJAF, Barrackpur, West Bengal had published a research paper --- Sonali Paul Mazumdar, *Dilip Kumar Kundu*, Debarati Datta, Bijan Majumdar, Nurnabi Meherul Alam, Amit Ranjan Saha, Sitangshu Sarkar & Sabyasachi Mitra (2022): Can sulfur improve the fiber yield of jute?, Journal of Plant Nutrition, DOI: 10.1080/01904167.2022.2071737.
- Dr.D.C. Nayak , Former Principal Scientist & Head ,ICAR-NBSS & LUP, Kolkata had worked as Senior Project Associate Cum Consultant at NATMO, Govt.of India,CGO Complex , Salt Lake , Kolkata from Feb to March ,2022.

- Dr. S.K. Gangopadhyay, Former Principal Scientist & Head ,ICAR-NBSS & LUP, Kolkata was inducted as Fellow of Clay Minerals Society of India for his outstanding contribution in the field of Clay Research.
- Dr (Ms) Shyamali Chakraborti , Former Principal Scientist , ICAR-NRC for Orchids , Sikkim was empanelled as consultant at Sudhama Krishi Consultant Pvt. Ltd. for Orchid cultivation and had submitted a project on Orchid Cultivation in some areas of Arunachal Pradesh in April ,2022.
- Dr K. Das , Former Principal Scientist , ICAR- ICAR-NBSS & LUP, Kolkata was assigned teaching in the course ACS 513 Problem Soils and Soil Acidity for 2<sup>nd</sup> Semester in Department of Agricultural Chemistry and Soil Science , Calcutta University.
- Dr M. Datta , Former Joint Director , ICAR Research Complex for NEH Region, Tripura had the following assignments
  1. Inaugurated one day technical training programme on NABARD funded project on 'Agroforestry and Value chain management for doubling farmers' income in the new Alluvial region of West Bengal , in Purba Medinipur KVK through hybrid mode as organized by ICAR –Atari, Kolkata and shared experience with valuable suggestions on Agroforestry on 24<sup>th</sup> May ,2022 .
  2. Visited as an Expert for Farmers' Training Programme along with ICAR –Atari to see the progress of Agroforestry Project and to suggest improvement approach and interacted with KVK officials and farmers at Purba Medinipur KVK during 23-24<sup>th</sup> June ,2022.

## Investment

### Bank Fixed Deposit Information

S. C. Saha, Former Principal Scientist ,ICAR - NINFET, Kolkata

A bank fixed deposit is considered a comparatively safer option for investing in India. Under the Deposit Insurance and credit Guarantee Corporation (DICGC) rules, each depositor in a bank is insured up to a maximum of Rs. 5 lakh for both Principal and Interest amount. As per the need, one may opt for monthly, quarterly, half yearly, fixed, assured fixed yearly or cumulative interest option. FDs of various maturities are of various interest rate. Retired investors, who need fixed, assured and regular income, they may rely on bank FDs. Different banks offered different interest rate. Private banks are offering more interest rate than Nationalised Banks. It is important to compare the latest fixed deposit rates among leading banks (Nationalised and Private) in the country.

Banks and NBCs have finally begun to raise FD interest rates after years of being stuck with decadal low interest rates. They have begun to rise as the Reserve Bank of India (RBI) raised the repo rate by 90 basis points (bps) in May and June. Many banks have raised FD Interest rates for amount less than 2 crores for various tenures.

#### Senior Citizen FD:

- The depositor should be 60 years and above at the time of opening the FD
- Depending on the bank, interest rates are different
- The tenure is between 7 days to 10 years
- Loan against FD can be available
- Penalties for premature withdrawal are the same as for the general public

#### Factors that affects FD interest rates:

- Deposit tenure: The lower the tenure, lower will be the interest rate and higher the tenure higher the interest rate upto certain level
- Deposit amount: Higher deposit amount will fetch higher interest rates
- Depositors type: Senior citizens typically get 0.25 percent to 0.5 percent additional interest rate on FD

#### Fixed deposit interest and income tax :

- The income you earn on your FD is termed as income from other sources and it is fully taxable
- Banks will not deduct TDS, if your interest income from fixed deposits is less than Rs. 40,000 in a year
- You need to submit Form 15G and Form 15GH with the bank at the beginning of the financial year. Banks will not deduct TDS if you submit the above form

<i>Nationalised Bank</i>	Interest % (7 days to 10 years) for senior citizen
State bank of India	3.4 to 6.3
Bank of Baroda	3.3 to 6.35
Punjab National Bank	3.5 to 6.1
Yes Bank	3.75 to 7.00
Canara Bank	2.9 to 6.25
<i>Private bank</i>	
HDFC Bank	3 to 6.5
IDBI Bank	3.2 to 6.35
Kotak Mahindra Bank	3 to 6.4
Axis Bank	2.5 to 6.5
IndusInd Bank	3.25 to 7.00
Bandhan Bank	3.75 to 7.00
RBL Bank	3.75 to 7.15
Utkarsh Bank	3.5 to 7.75
Ujjivan Bank	3.4 to 7.7

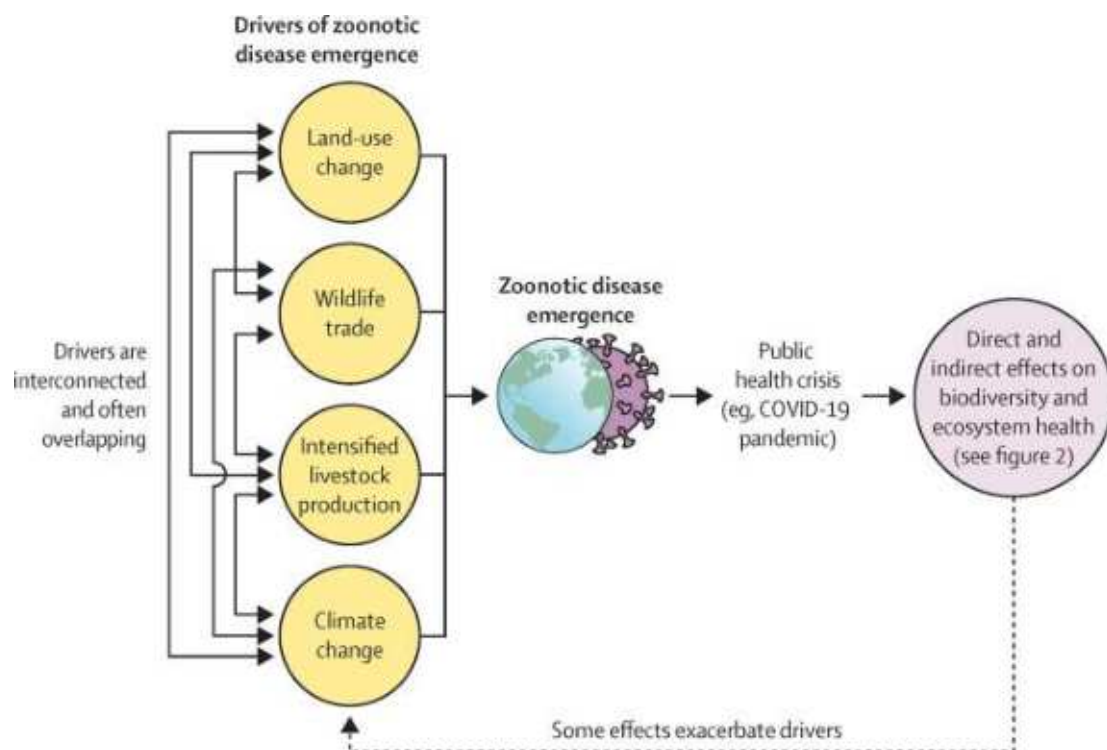
N.B.: Before investment please check the interest rates

## Research Thoughts

### Zoonotic Diseases and Its Impact on Human Health

Asok Biswas, Former Chief Technical Officer, ICAR-CIFE, Kolkata

A zoonosis is an infectious disease that has transitioned from a vertebrate animal to humans. A growing global population, spreading urbanization and climate change all are contributing to a higher risk of zoonotic diseases. It's estimated that 60% of known infectious diseases and up to 75% of new or emerging infectious diseases are zoonotic in origin. Destruction of natural habitats caused by urbanization has increased the risk of zoonotic diseases due to greater contact between humans and wild animals. As global trade and travel expands, zoonoses are posing increasing concerns for the international community.



**Figure 1:** Zoonotic disease emergence feedback loop; Image courtesy: The Lancet Planetary Health

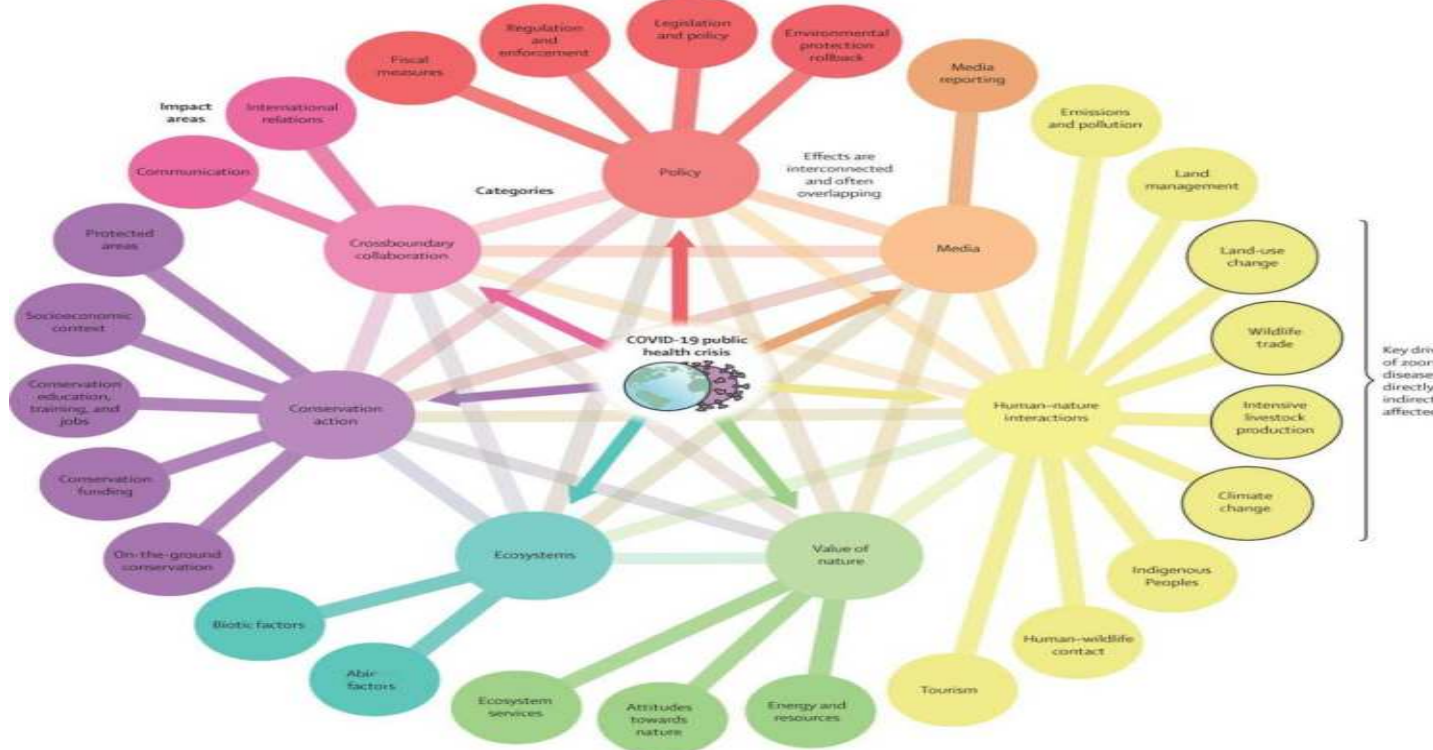
A growing global population means a rising demand for food. It has led to an increased susceptibility to food-borne zoonoses. Pathogens in the livestock production chain have caused repeated outbreaks of disease from meat and dairy products, as well as meat by-products. How products are stored, packed, transported and prepared for consumption also affects the chances of outbreaks of disease.

Climate change, urbanization, animal migration and trade, travel and tourism, vector biology, anthropogenic factors, and natural factors have greatly influenced the emergence, re-

emergence, distribution, and patterns of zoonoses. Across the globe, the most common zoonoses were most impactful on poor livestock workers in low- and middle-income countries and have caused an estimated 2.4 billion cases of illness and 2.7 million deaths in humans per year. The implementation of One Health measures is recommended for the effective prevention and control of possible zoonosis.

Viral zoonotic diseases that has enormous impact on human health care – i) Rabies, ii) Avian influenza, iii) Ebola Hemorrhagic Fever, iv) Chikungunya fever, v) Dengue fever, vi) Zika fever, vii) West Nile fever, viii) AIDS, ix) Severe acute respiratory syndrome (SARS), x) Monkey pox. Rabies is the deadliest zoonotic disease caused by rabies; this virus kills about 30,000–70,000 human being throughout the globe every year.

About 250 zoonoses were listed as emerging and re-emerging zoonotic diseases during the last 70 years. Newly emerged coronavirus initially known as 2019-novel coronavirus (2019-nCoV) and later designated as SARS-CoV-2, was reported from China in late December 2019 causing a disease known as COVID-19, and the outbreak has been later classified as pandemic. Bat is the natural host for most coronaviruses with the exception of HCoV-OC43 and HCoV-HKU1, which have originated from rodents. A possible route of transmission to humans is through an intermediate host that humans have contact with. As the viruses are chiefly transmitted through respiratory droplets and fomites, human to human transmission is relatively easy. Among the seven viruses, SARS-CoV, MERS-CoV, and SARS-CoV-2 are the most severe. MERS-CoV had the highest fatality rate. COVID-19 is a global public health challenge and is causing devastating effects on health, social life, and economy all over the world.



**Figure 2:** Effects of the COVID-19 public health crisis related to biodiversity loss and ecosystem health; Image courtesy: The Lancet Planetary Health

Impact of zoonoses is hard to quantify, it can be assessed by parameters such as disease prevalence, incidence, morbidity, mortality, and economic loss. Both human livelihood



and well-being are severely affected by zoonoses. The affected individuals suffer from hurdles that negatively impact their work performance and thus their ability to support their families. These situations are frequently noticed in under-developed African and Asian countries.

Zoonotic diseases such as bovine spongi form encephalopathy (Mad Cow Disease), avian influenza, and anthrax can hamper the international trade of animals and animal products (meat, milk, and eggs) and byproducts across the globe. The economy is also tremendously affected due to measures required for zoonoses control and eradication such as zoonoses surveillance, diagnosis, isolation and quarantine, restriction on animal transportation, treatment and vaccination programs, inspection of meat and milk, and biosecurity.

Surveillance is crucial to prevent and control of zoonotic diseases. It can be used to detect early infection, affected humans and animals, reservoirs, vectors, and endemic areas including the hotspots. It helps in the adaptation of control strategies against emerging and re-emerging diseases to improve human health status, to manage disease properly, and to reduce morbidity and mortality of humans and animals. Since zoonoses such as SARS (Severe Acute Respiratory Syndrome) and avian influenza can spread swiftly across the globe, coordinated surveillance approaches at local, regional, national, and international levels are essential to control zoonoses. All potential sources of zoonoses including exotic animals and birds, pet and companion animals, aquatic animals, wildlife, and rodents need to be subject to surveillance.

For the prevention and control of emerging and re-emerging diseases including zoonoses, the collaborations and partnerships of multi-sectoral personnel are badly needed for the implementation of feasible operations and surveillance among the human, animals, and environmental sectors. WHO, OIE, FAO, US Centers for Disease Control and Prevention (CDC), US Department of Agriculture (USDA), United Nations System Influenza Coordination (UNSIC), and European Commission recognize the prevention and control strategies involving the one health approach.

The Zoonotic diseases associated with fish contact are primarily bacterial infections such as *Mycobacterium*, *Erysipelothrix*, *ampylobacter*, *Aeromonas*, *Vibrio*, *Edwardsiella*, *Escherichia*, *Salmonella*, *Kiebsiella* and *Streptococcus* sp. Any person with open skin sores, wounds or scrapes should avoid direct fish contact and should not immerse or splash wounded skin with aquarium water.

Zoonotic diseases represent a serious public health concern. Many zoonoses are currently under control but there is gap in our knowledge about many diseases especially on the disease distribution, etiology, pathogen, host, vector biology, dynamics, transmission cycle, predisposing factors, and risk factors. The equilibrium exists among the host, agent, and environment may be disturbed at any point due to various anthropogenic activities of increasing human population and natural activities to evoke emission of zoonoses. With the existing knowledge we cannot accurately predict the time or the impact of the next pandemic of zoonoses may occur.

## References

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Stefan Ellerbeck (2022): What are zoonotic diseases – and how dangerous are they. Published online 06 July 2022. (<https://www.weforum.org/agenda/2022/07/zoonotic-disease-virus-covid/>)

[Md. Tanvir Rahman](#), [Md. Abdus Sobur](#), [Md. Saiful Islam](#), [Samina Ievy](#), [Md. Jannat Hossain](#), [Mohamed E. El Zowalaty](#), [AMM Taufiqer Rahman](#), and [Hossam M. Ashour](#): Zoonotic Diseases: Etiology, Impact, and Control; [Microorganisms](#). 2020 Sep; 8(9): 1405. Published online 2020 Sep 12.

## Save Indian Agriculture from Peril- Do not leave it to die like Dinosaurs

M.S, Basu , Former Director , ICAR –DGR, Gujarat

There are reasons to believe Agriculture in India is terribly sick and dying, put on ventilator and oxygen in the name of cash dole to 95 million farmers. Access to required resources, critical inputs are limited to handful of rich farmers mostly in the states of Punjab, Haryana and Gujarat. Some 405 million smallholder, marginal farm families in the states of Bihar, Tripura, UK, UP & WB are getting deeper into debt-trap as their monthly income exceeds expenses, just to survive ! <https://www.linkedin.com/posts/mukti-sadhan-basu-ph-d-30769459-cash-support-to-farmers-free-ration-indicators-activity-6799556933255860224-sgHO>

Indian policy makers are tuned to walk on silky road using prime land for record/surplus production of cereals, even allowing the produce to rot. Whereas, oilseeds and pulses continue to break heads on drylands, paving way to import oils worth Rs. 73,000 million and pulses worth Rs. 102,000 million annually but remain out of reach to the people at grassroots level with almost no purchasing power. Consequently, India has turned into a home of 193 million malnourished and 238 million underweight where Dal and Oils are luxury items to them. <https://www.linkedin.com/pulse/who-can-rescue-half-indias-malnourished-where-victims-basu-ph-d>

Needless to say, it's a lopsided agricultural policy having no state-wise balanced crop production plan meeting overall requirements of essential commodities, though agriculture is a State Subject. It mimics to a musical chair game, where any state can produce anything they like with no interventions of NITI Aayog but Govt at the Centre stands liable to buy at minimum support price (MSP). Such unplanned tapping of natural resources, groundwater; indiscriminate uses of chemical fertilisers, pesticides to select crops cannot continue for long from sustainability point of view. The health of agriculture in an agrarian county is supreme and here is the basic prescription proposed to PM as back as 2017 to recharge agriculture, remained unattended. <https://www.linkedin.com/pulse/prescription-make-indian-agriculture-productive-open-pm-basu-ph-d>

However, issue based specific treatment as suggested here should bring agri sector out of ventilator and therefore, back to health enabling to stand on its own foot.

1. Good seed is the key to good agriculture. Govt Seed Agencies must stop buying seed through tenders and supply poor quality seeds to farmers. <https://www.linkedin.com/pulse/spurious-seed-kills-farmers-medicine-patients-both-basu-ph-d-1d>

2. Agriculture being a State Subject, fixation of MSP may be done by the states as the cost of cultivation varies from state to state and so also the procurement by local agencies.
  3. Food processing industries including edible oil manufacturers should be asked to procure raw materials from within the country following MSP.
  4. The Associations dealing with agri commodities must plan to optimise production and provide incentives to farmers than guiding govt just for imports/ exports.
  5. A centralised Cess Fund for Pulses and Oilseeds may be created with matching contributions from Commodity Association and related Food and Oil industries.
  6. Special Agricultural Cess may be collected on food items served right from parliament canteen to hotels/restaurants and spent to support the cause of smallholder farmers dealing with pulses.
  7. Impose 5 years moratorium on exports of water guzzling crops and more particularly broken-rice and sugar.
  8. With the diminishing agricultural lands for rapid urbanisation and ever increasing population, engage a task force suggesting to make use half of arable lands lying vacant to feed people and create work opportunities. <https://www.linkedin.com/pulse/grow-1-get-3-harvests-commercial-importance-shift-areas-basu-ph-d>
  9. Mission 'Doubling of Farmers Income' must be achieved before 2024 and the commitment fulfilled.
  10. Decentralisation of agricultural set up from Delhi to different regions and elimination of dichotomy in agricultural research between ICAR and SAUs.
- Finally, Govt of India may declare Agriculture as National Activity and PM may inaugurate planting of Nutri-Cereals during rainy season and Oilseeds/Pulses in post-rainy, in the line of Yoga celebration, every year.

News/Technology  
Summary

### **ICAR develops First Covid Vaccine and Testing Kits for Animals**

Hisar-based National Research Centre on Equines under the Indian Council of Agricultural Research (ICAR) has developed the country's first Covid vaccine – Ancovax – safe for dogs, lions, leopards, mice and rabbits.

**Ancovax** is an inactivated SARS-CoV-2 Delta (COVID-19) vaccine for animals. The immunity induced by Ancovax neutralizes both Delta and Omicron Variants of SARS-CoV-2. The Vaccine contains inactivated SARS-CoV-2 (Delta) antigen with Alhydrogel as an adjuvant. It is safe for dogs, lions, leopards, mice and rabbits. The **CAN-CoV-2 ELISA Kit** is sensitive and specific nucleocapsid protein based indirect ELISA Kit for antibody detection against SARS-CoV-2 in Canines. The *Surra ELISA Kit* is a suitable Diagnostic Assay for *Trypanosoma evansi* infection in multiple animal species. The *Equine DNA Parentage Testing Kit* is a powerful genomic technology for parentage analysis.

( **Source** : <https://icar.org.in/content/icar-nrc-equines%E2%80%99-developed-vaccine-kits-released>)

### **India isolates monkeypox virus, first step to vaccines**

Monkeypox virus is an enveloped double-stranded DNA virus with two distinct genetic clades—the central African (Congo Basin) clade and the West African clade. As per the statement received from National Institute of Virology in Pune under ICMR, it has successfully isolated the monkeypox virus from the clinical specimen of a patient, overcoming a key hurdle for any future vaccination plan since this now allows researchers in the country to begin working on an inoculation as well as test kits. At present, the sole licensed vaccine for monkeypox is the one made for smallpox by a Danish company, and the live virus on which it is based – the variola virus, a family of pathogens to which both diseases belong – is stored only at two locations, the Centers for Disease Control lab in Atlanta, Georgia and the State Research Center of Virology and Biotechnology (VECTOR Institute) in Koltsovo, Russia. The isolation of the monkeypox virus will help in the development of diagnostic kits and also vaccines in future.

( **Source** : <https://www.hindustantimes.com/india-news/india-isolates-monkeypox-virus-first-step-to-vaccines-101658944889704.html>)

### **Will technological progress in agriculture enable the development of sustainable environment-friendly agriculture?**

Is technological progress in agriculture based on the application of scientific discoveries in the field of biotechnology, genetics, automation and robotics of field works, implementation of biodiversity principles and the creation of resistant to fungal, viral, bacterial and other cultivar diseases, etc. with the elimination of the use of chemical plant protection products will enable in the 21st century the development of *sustainable environment-friendly agriculture*, ie the kind of agriculture thanks to which healthy vegetables, fruits, grains free from pesticides and other chemical plant protection products and organic farming, ie non-polluting, are produced?

( **Source** : <https://www.researchgate.net/post/Will-technological-progress-in-agriculture-enable-the-development-of-sustainable-environment-friendly-agriculture>)

### **World's Costliest Mangoes**

A Madhya Pradesh couple grows the world's costliest mangoes priced at ₹2.7 lakhs per kg. The unique red coloured mangoes are Japanese Miyazaki. They are surely worth their weight in

gold, so much so that the couple hired guards and dogs to protect them. Japanese Miyazaki mangoes are rarely grown in India. These mangoes are costly due to low production and they are extremely sweet taste.

( **Source** : <https://curlytales.com/mp-couple-grows-worlds-costliest-mangoes-priced-at-%e2%82%b92-7-lakhs-per-kg-hire-guards-for-protection>)

### **India recorded 280 heat wave days .**

In 2022, India recorded its hottest March. This triggered an early onslaught of heat waves that engulfed several states across North, Central and East India from March-May this year. The country reported 280 heat wave days from March 11-May 18, 2022 — the highest in 12 years. Five states accounted for 54 per cent of the heat waves this year. These were Rajasthan, Madhya Pradesh, Himachal Pradesh, Gujarat and Haryana. Himachal Pradesh, Uttarakhand and Jammu & Kashmir — all in the Himalayan regions — have been unusually warm this year. HP recorded 27 heat wave days, Rajasthan 39 and Madhya Pradesh 38. The unusual heat waves in March 2022 could be due to an unexpected climate anomaly, which could be linked to global warming. Climate change is rapid, widespread and irreversible. Heatwaves are termed the “silent disaster” as heat-related deaths are often undercounted around the world for a number of reasons. Elderly people are highly susceptible to heat wave.

( **Source** : <https://www.downtoearth.org.in/news/climate-change/state-of-india-s-environment-in-figures-india-recorded-280-heat-wave-days-across-16-states-in-2022-most-in-decade-83131>)

### **ICAR released 309 varieties/ hybrids of field crops during 2021-22**

The Research by ICAR focuses on genetic enhancement of crops/livestock/fish for high yield, quality and climate resilience, conservation of resources and, development of intelligent IT enabled platform for technology transfer among farmers and stakeholders. ICAR during 2021-22 developed and released 309 varieties/ hybrids of field crops including 35 varieties with special traits and 94 varieties of Horticultural crops for cultivation. Emphasis has been given on new technologies including drones, artificial intelligence, block chain, remote sensing and GIS etc in agriculture. High-yielding, cost-saving, disease/pest resistant and climate-resilient varieties along with advancement in mechanisation and post harvest technology developed by ICAR has played important role in increasing production and productivity, reducing cost of production and enhancing income of the farmers.

( **Source** : <https://www.en.krishakjagat.org/india-region/icar-released-309-varieties-hybrids-of-field-crops-during-2021-22/>)

### **Entrepreneurship in Animal Care**

With livestock and poultry being the backbone of India's rural economy, entrepreneurship is emerging as one of the lucrative areas. Apart from this, many start-ups catering to pet-related services and speciality pet clinics are emerging along with super-specialities like orthopaedics, breeding, and canine medicine, among others. For those interested in the biological sciences and enjoy working with animals, this field has a lot to offer.

( **Source** : <https://www.thehindu.com/education/for-the-love-of-animals/article33829749.ece> )





**M K GIRI & ASSOCIATES**  
(CHARTERED ACCOUNTANTS)

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### **AUDITOR'S REPORT**

1. We have examined the attached Balance Sheet of "Association of Retired Indian Council of Agricultural Research Employees" of "C/43, New Garia Development Co-operative Housing Society, Kolkata-700094" as at 31<sup>st</sup> March 2022 the related Income & Expenditure for the period from 01.04.2021 to 31.03.2022. Annexed thereto, and the Receipts & Payments Accounts for the period ended on 31<sup>st</sup> March 2022 which we have signed under reference to the report. These financial statements are the responsibility of the management of the Society. Our responsibility is to express an opinion on these financial statements based on our audit.

2. We have conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit includes examining on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and evaluating the overall financial statements presentation. We believe that our audit provides a reasonable basis for our opinion.

3. We report that;

- We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
- In our opinion, proper books of accounts have been kept by the society.
- The Balance Sheet and the Income & Expenditure accounts dealt with by this report are in agreement with the books of accounts.
- In our opinion and to the best of our information and according to the explanations given to us the said account together with the notes thereon, give a true and fair view in conformation with the accounting principles generally accepted in India.
  - In the case of Balance Sheet, of the state of affairs of the society as at 31<sup>st</sup> March 2022.
  - In case of Income & Expenditure Account of the Excess of Income over Expenditure for the year ended on that date.
  - In the case of the receipts & payments accounts of the receipts and payments for the year ended on that date.

Place: Kolkata

Date: 08/05/2022

UDIN NO. 22311059A1PM3A8651



**For M K GIRI & ASSOCIATES**

Chartered Accountants

*Malay Kumar Giri*  
(MALAY KUMAR GIRI)  
(Membership No. 311059)  
(FRN. 329856E)

**M K GIRI & ASSOCIATES**  
CHARTERED ACCOUNTANTS

Association of Retired Indian Council of Agricultural Research Employees  
C/43, New Garia Development Co-operative Housing Society,  
Kolkata-700094

40, WESTON STREET, 3RD FLOOR, ROOM- 28A  
KOLKATA- 700 013, WEST BENGAL

**RECEIPTS & PAYMENTS ACCOUNT FOR THE YEAR ENDED 31st MARCH, 2022**

<u>RECEIPTS</u>	<u>Amount (Rs.)</u>	<u>PAYMENTS</u>	<u>Amount (Rs.)</u>
Cash-in-hand	11271.00	By Audit Fee & Renewal	1025.00
Cash-at-bank	145444.6	By Meeting Expenses	250.00
To Fixed Deposit(UCO Bank)	100000.00	By Annual General Meeting	16640.00
To Life Membership Fee	42000.00	By Sms Charges	19.82
To Bank Interest	4052.00	By Xerox	576.00
To Welfare Fund	66000.00	By Conveyance	50.00
To Donation for Picnic	25500.00	By Stationery	1100.00
To Miscellaneous	1.00	By Excess amount refund	8000.00
		By Donation Ramkrishna Ashram	20000.00
		By Printing	1445.00
		By Felicitation	7266.00
		By Miscellaneous	230.00
		By Picnic	34670.00
		By Board(ARICARE Name Plate)	1750.00
		By Cash-at-bank(UCO Bank)	188477.78
		By Cash-in-hand	12769.00
		By Fixed Deposit(UCO Bank)	100000.00
	<u>394268.60</u>		<u>394268.60</u>

**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH, 2022**

<u>EXPENDITURE</u>	<u>Amount (Rs.)</u>	<u>INCOME</u>	<u>Amount (Rs.)</u>
To Meeting Expenses	250.00	By Bank Interest	4052.00
To Annual General Meeting	16640.00	By Life Membership Fee	42000.00
To Audit Fee & Renewal	1025.00	By Welfare Fund	66000.00
To Sms Charges	19.82	By Donation for Picnic	25500.00
To Xerox	576.00	By Miscellaneous	1.00
To Conveyance	50.00		
To Stationery	1100.00		
To Excess amount refund	8000.00		
To Donation Ramkrishna Ashram	20000.00		
To Printing	1445.00		
To Felicitation	7266.00		
To Miscellaneous	230.00		
To Picnic	34670.00		
To Board(ARICARE Name Plate)	1750.00		
To Surplus	44531.18		
	<u>137553.00</u>		<u>137553.00</u>

UDIN No: 22311059A1PMSA8651

DATE: 08/05/2022

PLACE: KOLKATA



For M K GIRI & ASSOCIATES  
Chartered Accountants  
*Malay Kumar Giri*  
(MALAY KUMAR GIRI)  
(Membership No. 311059)  
(FIRN-729856E)

**M K GIRI & ASSOCIATES**  
**CHARTERED ACCOUNTANTS**

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 KOLKATA- 700 013, WEST BENGAL  
 Association of Retired Indian Council of Agricultural Research Employees  
 C/43, New Garia Development Co-operative Housing Society,  
 Kolkata--700094.

**BALANCE SHEET AS AT 31st MARCH, 2022**

<u>LIABILITIES</u>	<u>Amount (Rs.)</u>	<u>ASSETS</u>	<u>Amount (Rs.)</u>
Opening Balance	11271.00	Closing Balance	12769.00
Cash-in-Hand	145444.60	Cash-in-Hand	188477.78
Cash-at-Bank	100000	Cash-at-Bank	
Fixed Deposit (UCO Bank)	44531.18	(UCO Bank-32210110007921)	100000
Add Net Surplus		Fixed Deposit (UCO Bank)	
	<u>301246.78</u>		<u>301246.78</u>

UDIN No. 22311059AIPMSA8651  
 DATE: 03/05/2022  
 PLACE: KOLKATA



For M K GIRI & ASSOCIATES  
 Chartered Accountants

*Malay Kumar*  
 (MALAY KUMAR GIRI)  
 (Membership No. 311059)

