

CELEBRATING
25 Years
Silver
Jubilee
Publication



**ICAR-CENTRAL
COASTAL AGRICULTURAL
RESEARCH INSTITUTE**

(Indian Council of Agricultural Research)
Old Goa - 403 402, Goa, India.

Journey of ICAR Research Complex for Goa

To

CENTRAL COASTAL AGRICULTURAL RESEARCH INSTITUTE





Memoirs

Journey of

ICAR RESEARCH COMPLEX FOR GOA

to

CENTRAL COASTAL AGRICULTURAL RESEARCH INSTITUTE



Published by

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and N. Manju Lekshmi

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श्री. राधा मोहन सिंह

Shri. Radha Mohan Singh

Message

It is a matter of pride and honour that ICAR Research Complex for Goa is celebrating its silver jubilee year. I have personally visited this Institute and seen its magnificent infrastructure, admired its research presence and contribution to the development of agriculture and allied fields in the state of Goa and the Konkan region. I have personally gone through this publication and have been intrigued by the history of this Institute. I am also very happy to note that the Krishi Vigyan Kendra under the Institute has contributed to the farming Community of the state and won the ICAR award for best KVK in 2008.

I extend my hearty wishes and warm felicitations to the entire staff of the research complex for its silver jubilee celebration and wish ICAR Research Complex for Goa a grand success in its future endeavours.

(Radha Mohan Singh)



कृषि मंत्री
भारत सरकार

Minister of Agriculture
Government of India



डॉ. एस. अय्यप्पन
सचिव एवं महानिदेशक

Dr. S. Ayyappan
Secretary
& Director General



भारत सरकार
कृषि अनुसंधान और शिक्षा विभाग एवं
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Message

It is a pleasure to know that ICAR-ICAR Research Complex for Goa has completed 25 years of excellent service to the nation and an informative publication is being brought out on the history of the Institute. The events in the course of development of Institute have been well documented and will serve as a memoirs in future.

The director and the authors deserve appreciation for their efforts to bring out this publication and also for the vibrant and resounding representation of ICAR not only in the state of Goa but the whole of Konkan region. I convey my best wishes for the continued growth of ICAR Research Complex for Goa for the cause of agriculture.

(S. Ayyappan)



डॉ. अलोक कुमार सिक्का
उप महानिदेशक (प्रा.सं.प्र.)

Dr. Alok K. Sikka
Deputy Director General (NRM)

Message

I am very happy to know that ICAR Research Complex for Goa is celebrating its silver jubilee and also bringing out a publication entitled “**Twenty Five years History of ICAR-ICAR Research Complex for Goa**”. As an Institute under the NRM Division, ICAR Research Complex has conducted useful research in the past and evolved useful technologies and demonstrated the same through its KVK, which won the best KVK award in 2008. I have seen this Institute’s progress over the years from a close angle.

I congratulate the Director and staff of Institute for their outstanding performance and contributions to the nation and the state of Goa on the occasion of the silverjubilee celebrations and wish the Institute a bright future.

(Dr. Alok Kumar Sikka)



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पि.जी. अडसुले

भूतपूर्व कार्यकारी निदेशक

Dr. P.G. Adsule

Former, Acting Director
ICAR Research Complex,
Goa

Message

I joined this Institute initially on 1st June 1999 as Principal Scientist (Horticulture) and continued till end of 2000. In January 2001, I was asked to take the charge of this Institute as Acting Director by H.Q. office and continued till May 2002, and then I moved to National Research Centre for Grapes at Pune and superannuated from service on 31st May, 2013 after serving almost 11 years as Director of NRC Grapes, Pune. ICAR Research Complex for Goa has contributed a lot in the area of plantation crops as unit of Central Plantation Crops Research Institute at Kasargod from early 1976 till early 1989 when this became a separate unit/Institute of ICAR Research Complex for Goa initially as Union territory and then as State covering only two districts (North and South area) in Western Arabian Coastal area. First, Head of this unit /Institute was Late Dr. D. G. Dhandar who has put up lot of efforts in bringing out all the infrastructure facilities of Institute i.e. experimental and demonstration farms for Institute and K.V.K. attached to this Institute, building structure with all the laboratory facilities, Auditorium for Institute. K.V.K and also Institute staff quarters. Even, the Guesthouse facilities were built up during this period. Therefore, I give all the credit to Late Dr. D.G. Dhandar as first Director and Dr. Paroda, then D.G., ICAR for providing necessary funds initially to this Institute. I only assisted first Director from June 1999 till end 2000 in strengthening his hands to sustain his efforts in infrastructure built up and planning, execution and deciding appropriate research priorities, programmes, projects in the area of horticulture, crop science, animal & fishery science for the overall developments of Goa state. Initial team of scientists and supporting staff have now mostly retired or moved to other Institutes. However some staff of this is still continuing at this Institute. I, particularly, give the credit to the Head of Horticulture, Crop science and Animal and Fishery sciences and their farm and supporting staff besides the personal staff of Director's cell. Administration and accounts who have made a great contribution in building up this Institute, while doing so, I also give due credit to subsequent Directors

and staff in sustaining the earlier efforts to keep up flag high of this Institute and recognizing as a bigger Institute of ICAR, now. On the occasion of Silver Jubilee event of this Institute, I would like to extend my greeting and gratitude to all the staff to cherish and remember my small contribution to this Institute during June 1999 till May 2002.

Place: Pune
Date : 04/05/2014



(P.G. Adsule)

*Principal Scientist (Horticulture) and Director
(1999-2002)*



डॉ. व्ही. एस. कोरीकांतीमठ
भूतपूर्व निदेशक

Dr. V.S. Korikanthimath
Former Director
ICAR Research Complex,
Goa

Message

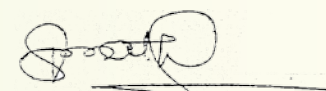
Delighted to learn that the ICAR Research Complex for Goa which is recently rechristened as the Central Coastal Agricultural Research Institute (CCARI) is celebrating its Silver Jubilee. Let us remember with reverence, respect and salute all those illuminaries viz., authorities of Govt. of India, Govt. of Goa, ICAR New Delhi, present and past staff of the Institute for their keen interest, concern, commitment and constant persuasion in establishment and nurturing of this unique Institute since April 1976 then under the administrative and technical control of CPCRI, Kasargod. In order to strengthen research based transfer of technology and to impart vocational trainings, a Krishi Vigyan Kendra (North Goa) was established and attached to the Institute in 1983. ICAR, New Delhi further upgraded the Research Complex to a full fledged national Institute (ICAR research Complex for Goa) in April, 1989 taking into consideration increasing needs of agricultural research, education and extension of the state of Goa and adjoining coastal region to serve the cause of farmers.

Being the second regular Director of ICAR Research Complex for Goa over eight years (2002-2010), I had the unique privilege of creating state of the art, infrastructure, laboratory and field facilities reorganizing and guiding need based and demand driven research and ToT programmes; building excellent linkages and close rapport with farmers, developmental departments and other Goa State and central government agencies and organizations; organizing several regional, national and international seminars/symposia/workshops/group meetings etc, preparation of vision and policy documents including submission of proposals to council for further up gradation of ICAR Research Complex for Goa as National Coastal Agricultural Research Institute and host of other activities. Indeed it was a great pleasure that North Goa KVK attached to the Institute bagged the Best National KVK award during 2009. The Institute was also bestowed with Vasant Rao Naik award for outstanding Research and Application in dry land farming systems for the year 2008 besides other

recognitions and laurels. I place on record my sincere appreciations to all the dignitaries of the ICAR, Govt. of India, line departments, farmers and all my colleagues in the Institute for their constant support as a team to take the ICAR Research Complex for Goa to greater heights.

Dominated by a large number of small and marginal farmers in coastal region, the niche and thrust areas of research would be developing data base in diverse areas of agriculture, horticulture, animal husbandry, fisheries *etc.* collection, conservation, cataloguing and evaluation of germplasm of field and horticultural crops, animals, fishes and all the relevant flora and fauna of the coastal region ; breeding of crops, animals and fishes for high productivity and resistance to various biotic and abiotic stresses ; effective conservation of soil and water sustainance of fragile coastal ecosystems often threatened with onslaught of natural calamities and overcoming problems sea water intrusion. Conservation of mangroves ; improving livelihood security of farmers by developing need based, location specific Integrated Farming Systems (IFS) modules by diversification with field and horticultural crops, animals and fisheries components by efficient management of natural resources ; processing and value addition of farm, animal and fish products, scientific mining and rehabilitation of mine reject soils by resorting to suitable bio-engineering measures ; reclamation of problematic coastal saline and acidic soils and bringing winds of change through effective transfer of technology. Goa and other coastal regions in India have carved a niche as internationally well known tourist destinations. Hence, it is imperative to persue research and ToT programmes which will pave the way for promoting Agro-eco-tourism by linking with main stream tourism to improve economic prosperity of farmers and all those involved in tourism industry.

With renaming as CCARI, the Institute has now a wider canvas on national perspective to gear up to the changing needs and aspirations of farming community in entire coastal region of the country. I wish and hope that the CCARI will bring in a paradigm shift by reorientation of its research and ToT programmes and hope by bringing smile on the face of farmers through its cutting edge technologies and guide the destiny of farming community at large in the entire coastal areas. I wish the silver jubilee function a grand success.



V.S. Korikanthimath



डॉ. नरेंद्र प्रताप सिंह
निदेशक

Dr. Narendra Pratap Singh
Director



गोवा के लिए भा.कृ.अनु.प. का अनुसंधान परिसर, ओल्ड गोवा.
(भारतीय कृषि अनुसंधान परिषद्)

ICAR Research Complex for Goa

(Indian Council of Agricultural Research)

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Foreword

AS the fourth director and the seventh patron of the ICAR Research Complex for Goa which is the only ICAR Institute of ICAR serving for the research needs of a single state but highly admired state of churches and beaches. It gives me great pride to present to you this silver jubilee publication, a detailed record of the evolution of the Institute from its inception as a regional station to a full-fledged Institute under the ICAR umbrella.

ICAR Research Complex for Goa began its journey as a humble Research Station for Goa and subsequently it became a Regional Research Station under CPCRI, Kasargod, Kerala and finally in April, 1989 it was upgraded to its present form, and independent Institute, "ICAR Research Complex for Goa". Its growth has also been in terms of manpower strength from just two scientists at its inception to the present 78, comprising of 18 scientists, 17 administrative staff, 16 technical staff and 28 supporting staff. The Institute has and is playing a vital role in agricultural research and development not only for Goa but the whole of Konkan Region. The inception and growth of this Institute is very unique and interesting and hence has been recorded in this unique publication.

The authors have made a commendable effort to capture in detail the historical walk of this Institute, its serving personnel since beginning, various advisory committees, visiting dignitaries, organized events like trainings, workshops, seminars, symposia etc. I congratulate them for the successful release of this outstanding and noteworthy record of the history of ICAR Research Complex for Goa, through their sincere and untiring efforts, meticulous compilation and exemplary team work. I thank and congratulate the contributors viz., the retired directors, staff, kin and kith of deceased personnel and all serving personnel of the Institute i.e., scientists, technical, administration and supporting staff.

I hope this publication will be useful as an official record to all concerned and a memoir to be cherished for the future.

(Narendra Pratap Singh)

Place : Old Goa



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Preface

I CAR Research complex, unique organisation with a mandate of serving a single state, Goa, has completed 25 years of service to agriculture in the state of Goa. To say that this Institute has made a positive effect on the whole agricultural scenario of the state will be indisputable. The excellent performance of the Institute would not have been possible without the contributions of the strong pillars of this organisation who have toiled from its inception to its present development. Envisaging a new organisation, bringing it into reality, creation of required infrastructure, slowly and steadily drawing in the right human resource, foresight for research and development in the right perspective, realising it with accomplishments and successfully running the same was all made possible in the past 25 years with the support of our mother organisation, ICAR Head Quarter.

The visionaries in whom, this was a germ, the administrators who approved the same and the Directors, Scientists, Technicians, Supporting staff, Administration and Finance staff who made this dream a reality with their untiring efforts ought to be lauded while commomerating this silver jubilee. Several Committees like Research Advisory Committees, Quinquinneal Review Teams, and Parliamentary Committees have visited this organisation during all these years and have played key role in shaping up this Institute. Besides this, there were eminent personalities from all walks of science, administration and management who have visited and given their valuable suggestions. It would be befitting to look back at all our stalwarts and their contributions in building up of this Institute.

This would be the right way to honour them, pay homage and salutes to their foresight, fortitude and endeavours in constructing this Institute. And this silver jubilee year would be the right time to congratulate ourselves, to

thank our predecessors and to reinforce to the world that this was made possible by our great team. So, here, we are proud to put forth our history and the creating and perpetuating team to the world, through this publication. It furnishes information about all our fraternity who were and are part of this organisation.

We sincerely acknowledge Indian Council of Agricultural Research, New Delhi, for its enduring support.

Editors

**E.B. Chakurkar, M. Thangam, S. Priya Devi, M.J. Gupta, Z.B. Dubal, R. Maruthadurai
and N. Manju Lekshmi**

Place : Old Goa

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Genesis of ICAR Research Complex for Goa

INDIAN Council of Agricultural Research (ICAR) established the ICAR Research Complex for Goa in April, 1976 to cater to the needs of Agricultural research of Goa region. The Research Centres were started in **1975 in Goa** and Lakshadweep under the Scheme for Establishment of Agricultural and Animal Science Research Stations in centrally sponsored areas. Subsequently, these Research Stations have become the Regional Stations of Central Plantation Crops Institute (**CPCRI**) **during 1976**. This Research Complex, which was under the administrative and technical control of the CPCRI, Kasaragod, Kerala has been upgraded as an independent Institute from **April, 1989**. Since then, it is working on all aspects of agricultural and allied sciences to cater to the needs of Goa.

Shri. A.R. Battacharya, Scientist (Animal Reproduction) and Dr. M. Haridasan, Junior Scientist (Soil Science) were the two scientists who were posted during the initial establishment of this Regional Station under CPCRI, Kasaragod, Kerala. The office of the Regional Station, Goa was housed in Borda at Margao. Field experiments were conducted at the Kalay farm of the Department of Agriculture, Govt. of Goa. In the year 1976, a project on Soil testing and Plant analysis for plantation crops was initiated at Goa. Later during 1976, Dr. D.G. Dhandar, Scientist S-1 (Horticulture), Dr. N.P.S. Varde, Senior Research Assistant along with Ms. Jane Francis Mary Lewis as Superintendent served at the Goa centre. Later during 1977, two more scientists *viz.*, Dr. K.D. Singh, Scientist S-1 (Soil Science) and Dr.N.S.Nair, Scientist S-1 (Poultry Science) were posted at Goa station during the year. One more scientist Dr. Madan Gopal Gupta, joined as Scientist S-1 and later left during the same year. During 1978, **Dr. R.C. Mandal** took over as **Joint Director** of ICAR Research Complex for Goa under CPCRI and continued up to 9.12.1982 as **first Jt. Director of Goa complex**.

Later during 1982, ICAR RC for Goa was shifted to Ela, Old Goa and also a KVK was started during 1983 under ICAR RC, Goa. Dr.A.R. Bhattacharya was Scientist In charge upto 1985. During 1985, **Dr. K.Venugopal became the second Joint Director of ICAR RC for Goa**. To accommodate various research and training activities, an additional area of 34.4 ha has been acquired during 1987 enhancing the total area of the Institute to 53.80 ha.

Consequent to the **up-gradation of the complex in to an Institute in April, 1989**, the first Annual Staff Research Council meeting was organized on 9th to 10th April, 1990 at Ela, Old Goa. Dr. K.L. Chadha, DDG (Hort.) chaired the plenary session. **Dr. D.G. Dhandar** was transferred to ICAR RC as Jt. Director on 8.5.1989 and later on 16.6.1989, he was redesignated as Officer on Special Duty (OSD) to ICAR RC for Goa which he continued up to 1994 and then became regular **First Director of this Complex** which he continued to hold up to 22.01.2001.



As a prelude to the up-gradation, a **National Workshop on Evolving Strategies on Agriculture, Animal Husbandry and Fisheries in Goa** was held on 14th to 15th February, 1989, in which experts in various field from all over the country participated. The state of art, scope and strategies for future development were discussed during this workshop and new thrust areas were identified for taking up during VIII five year plan period (1991-92 to 1996-97). During the up-gradation, the Institute was having 10 scientists with one OSD.

Later **Dr. P.G. Adsule** was **acting Director** from 23.1.2001 to 24.1.2002 followed by **Dr. V.S. Korikanthimath**, who was the **second regular Director** of this Institute from 25.1.2002 and continued till 28.2.2010. **Dr. Narendra Pratap Singh** is the **current and third Director** of the Institute from 2.3.2010 to till date.

At present, the Institute is headed by Director with 20 scientists working in five sections *viz.*, Resource Management and Integrated Production, Crop Science, Horticulture Science, Animal Science and Fishery Science.



*Shri. Radha Mohan Singh, Hon'ble
Union Minister of Agriculture*

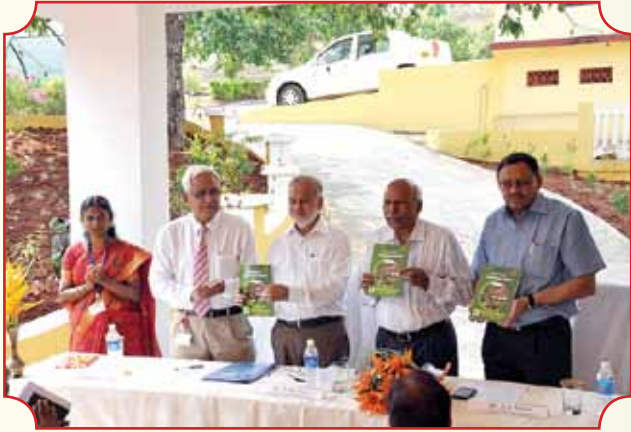
Elite Personalities who enlightened our Journey...



*Shri. Sharad Pawar, Former Union
Minister of Agriculture*

Prof. M.S. Swaminathan





◀ **Dr. S. Ayyappan,**
Secretary (DARE) and DG (ICAR)



◀ **Dr. R. S. Paroda,**
Former Secretary (DARE)
and DG (ICAR)

Dr. K.L. Chadha,
Former DDG (Horticulture) ▶





◀◀ *Dr. A.K. Singh, Former DDG (NRM)*



◀◀ *Shri. Bharat Vir Wanchoo,
Former Governor of Goa*

*Shri. Manohar Parrikar,
Former Chief Minister of Goa* ▶▶





*Our Proud Moments
during the Journey...*



◀ *Fakhrudin Ali Ahmed Award*



◀ *Pragya award*

Best KVK award ▶





Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

STAFF

Personalia





All staff who served here since inception ...

Superannuated/voluntary retired	Transferred	Deceased	Resigned
<i>Scientific staff</i>			
Dr. A.R. Bhattacharyya, Principal Scientist	Shri D. Sundararaju, Scientist	Late. Dr. N.S. Nair, Scientist Sel. Grade	Dr. Satish Modak, Scientist
Dr. R.N.S. Sundaram, Principal Scientist	Shri P.S. Ravindran, Scientist	Late Dr. S.P. Singh, Sr. Scientist	
Dr. H.M. Wasnik, Sr.Scientist	Shri B.C. Viraktamath, Scientist		
Dr. J.R. Faleiro, Principal Scientist	Shri P.A. Mathew, Scientist Sel. Grade		
Dr. S. Subramanian, Principal Scientist	Dr. K. Venugopal, Joint Director		
Dr. S. Nagabhushanam, Sr. Scientist	Kum. Rekha A, Scientist		
Dr. V.S. Korikanthimath, Director	Shri Yetendra Joshi, Scientist		
	Dr. K.D. Patil, Principal Scientist		
	Late Dr. D.G. Dhandar, Director		
	Shri S. Chander Rao, Scientist		
	Dr. Manichellapan, Scientist		
	Dr. K.N. Mohanta, Sr.Scientist		
	Dr. B.K. Swain, Principal Scientist		
	Dr. Suresh Chand Rana, Scientist		
	Dr. K. Ramachandrudu, Scientist		
	Dr. S. Manivannan, Sr. Scientist		
	Dr. P.G. Adsule, Principal Scientist		
	Shri Ashok Kumar J, Scientist		
	Dr. M.S. Ladaniya, Principal Scientist		
	Dr. M. Karunakaran, Scientist		
	Dr. Ram RatanVerma, Scientist		



Superannuated/voluntary retired	Transferred	Deceased	Resigned
Administrative staff			
Shri Mario Fernandes, PS	Shri Sachidananda, Superintendent		Shri Gaurav Kumar Rajput, AO
Shri K Yeshodharan, AAO	Shri M.A. Ismail, Superintendent		
Shri . K.R. Naik, AAO	Shri M. Ravi, Superintendent		
	Shri K Vasudevan, Sr.clerk		
	Shri Sukumaran, Sr.Clerk		
	Shri S. Soma Sekharan Nair, AAO		
	Shri A. V. Sankaran Kutty, AAO		
	Smt. Rupa Raikar, Jr. Clerk		
	Shri T. V. Ramchandran, Supdt		
	Shri T.K.N. Nambiar, AAO		
	Shri S. Sadashiva, AAO		
	Shri A.P. Shenoy, AFAO		
	Shri Jagdish Ramani, Superintendent		
	Shri Ram Avtar Parashar, AFAO		
	Shri Anand T. Mamlekar, AFAO		
	Shri R.B. Rai, UDC		
	Shri M.K. Mulani, AFAO		
	Shri Jagtar Singh, AO		
Technical staff			
Shri M.S. Balbatti, Farm Superintendent	Shri Govinda Pai, JTA	Late Shri Ashok Desai, JTA	Shri. Kale Basker, T-II-3
Shri U.B. Porwar, T-5	Shri M.A. Rao, Sr. FarmAsst	Late Shri Suresh V Naik, Driver	Shri. Minanath Zalmi, T-1
Shri Mahesh Parsekar, T-4	Shri Satyanadhan, Farm Assistant		Km. Neelima Nachinolkar, T-3
Shri Keshav Chodnekar, T-5	Shri M.K. Appaiah		Shri. Yeshwant Gawas, T-3

Superannuated/voluntary retired	Transferred	Deceased	Resigned
Shri B. Dharmapala, T-5	Shri M. Vijayaraghavan, Tractor Driver, (T-2)		Km. Hema Nair, T-II-3
Shri Prakash Jannaik, T-5	Shri Mohamed Shafee, Technical Officer (Vet.)		
	Shri Nagaraja, Farm Superindendent		
	Dr. Sanat Kumar, Farm Superindendent		
Skilled Support Staff			
Smt. Anjelica Miranda, S.S.S.	Shri Mangesh K. Morajkar, Watchman	Late Shri. Nuno Karanzalkar, S.S. Gr.I	Late Shri Ramesh P. Matondkar S.S.S.
Shri Pandurang Mazgaonkar, S.S.S.	Shri Namdeo H. Maykar, Watchman	Late Smt. Prabha S. Chopdekar, S.S. Gr.I	Shri Ashok N. Raut, S.S.Gr.I
Smt. Rukmini Kuncolikar, S.S.S.	Smt. Reshma Naik, S.S.S.	Late Shri. Gurudas Rawal, S.S.S.	
Smt. Sunita Salgaonkar, S.S.S.		Late Shri. Gangadhar Dhargalkar, SS. Gr. II	
Krishi Vigyan Kendra			
Shri K.K. Metar, T-5	Smt. R. Radha Bai, Trg. Asst		Km. Maria Borges Vaz, Trg.Asst. T-4
Shri Laxman Naik, Driver	Shri K. Manikandan, Trg. Asst.		Smt. Premalata Lade, T-4
	Dr. H.N. Singh, Trg. Associate T-6		Shri Edgar Viegas, Lab Attendant
	Shri Yeshwant Gauns, T-4		Shri Raja Mohan, Lab Attendent
	Dr. A.V. Nirmale, SMS (Animal Science)		
	Dr. Raj Narayan, Programme Co-ordinator		



List of Present Staff in the Institute ...

Sr. No.	Name	Designation
Technical Staff		
1.	Shri Vinayak Dattatraya Kulkarni	Assistant Chief TO
2.	Smt. Madina S. Solapuri	Sr. TO (Civil Engg.)
3.	Shri. Vinod Ananda Ubarhande	Sr. TO (Farm Supdt.)
4.	Shri. Edward Crasta	TO (Stockman)
5.	Shri. Sidharth Marate	TO (Technical Cell)
6.	Shri. Rahul Kulkarni	TO (Agronomy)
7.	Shri. Raghurama Kukkude	TO (Library)
8.	Smt. Pranjali Wadekar	TO (Computer)
9.	Shri. Yogananda Gaude	TO (Electrical Officer)
10.	Shri. Suresh Mahadev Gomes	TO (Tractor Driver)
11.	Shri. Upendra Kumar	Technician
12.	Shri. Sanjeev Kumar Singh	Technician
13.	Shri. Prakash Parwar	Technician
14.	Shri. Gokuldas Gawas	Technician
15.	Shri. Datta Velip	Technician
16.	Shri. Laxman Ashok Naik	Technician
17.	Shri. Omar Illroy Francisco Da Silveira Ursula De Souza	Technical Asst. T-3

Sr. No.	Name	Designation
Administrative Staff		
1.	Shri. P. Rajendran	Administrative Officer
2.	Shri. Saurabh Muni	Finance and Acct. Officer
3.	Smt. Maria Teresa Nigli	Asst. Admn. Officer
4.	Smt. Lizetta Noronha	Private Secretary
5.	Smt. Montia Rita D'Silva	Asst. Admn. Officer
6.	Shri. Agostinho Fernandes	Asst. Admn. Officer
7.	Smt. Sneha S. Arlekar	Assistant
8.	Smt. Pratibha Sawant	Assistant
9.	Smt. Sohini S. Sawant	Assistant
10.	Smt. Tarika Maulingkar	Personal Assistant
11.	Shri. Vinod D. Pagi	UDC
12.	Km. Chitra A. Madkaikar	LDC
13.	Shri. Tushar Ranjan Mangaraj	LDC
14.	Shri. Vyas Hiren Kumar	LDC
15.	Shri. Vikrant Gupta	LDC
16.	Km. Bushra Zakir Ansari	Stenographer Gr. III
17.	Shri. Raghava Kiran Kumar G.	Stenographer Gr. III
18.	Km. Sujata S. Kamble	LDC

Sr. No.	Name	Designation
Skilled Support Staff		
1.	Shri. Subhash Mellekar	Skilled Support Staff
2.	Smt. Rukma R. Naik	Skilled Support Staff
3.	Shri. Dhaku Nuno Kankonkar	Skilled Support Staff
4.	Shri. Dugu G. Kandeparkar	Skilled Support Staff
5.	Shri. Ashok Nanu Gadekar	Skilled Support Staff
6.	Smt. Farida B. Jabbar Khan	Skilled Support Staff
7.	Shri. Ravi S. Kadam	Skilled Support Staff
8.	Shri. Chimmu D. Tivrenkar	Skilled Support Staff
9.	Shri. Umakant Haldankar	Skilled Support Staff
10.	Shri. Anil G. Khandeparkar	Skilled Support Staff
11.	Smt. Maria Suxila Dias	Skilled Support Staff
12.	Shri. Giri Tanu Madkaikar	Skilled Support Staff
13.	Shri. Gokuldas Kaskar	Skilled Support Staff
14.	Shri. Umesh Marcelkar	Skilled Support Staff
15.	Shri. Vithal Parwar	Skilled Support Staff
16.	Smt. Prafulla Khandeparkar	Skilled Support Staff
17.	Smt. Rekha U. Naik	Skilled Support Staff
18.	Smt. Lalita Naik	Skilled Support Staff
19.	Smt. Pratibha Folkar	Skilled Support Staff
20.	Shri. Vilas P. Gaonkar	Skilled Support Staff
21.	Shri. Prabhakar B. Gaonkar	Skilled Support Staff
22.	Shri. Sitaram G. Kunkolekar	Skilled Support Staff

Sr. No.	Name	Designation
23.	Smt. Janika S. Shirodkar	Skilled Support Staff
24.	Shri. Shanu G. Velip	Skilled Support Staff
25.	Shri. Nitin J. Naik	Skilled Support Staff
26.	Shri. Mayur N. Mandrekar	Skilled Support Staff
27.	Smt. Swati R. Khandeparkar	Skilled Support Staff
28.	Shri. Prallad H. Zambaulikar	Skilled Support Staff
Technical / SMS		
1.	Shri. Vishram Y. Gaonkar	SMS T-9
2.	Shri. H.R. Prabhudesai	SMS T-9
3.	Smt. Sunetra M. Talaulikar	SMS T-9
4.	Shri. H.R. Chidananda Prabhu	SMS T-9
5.	Dr. Vilas S. Sakharkar	SMS T-6
6.	Shri. Udharwar Sanjay Kumar	SMS T-6
7.	Shri. Shashi Vishwakarma	T-4, Programme Asst.
8.	Shri. Vishwajeet S.K. Prajapati	T-4 (Computer)
9.	Shri. Deep Kumar	T-4, (Farm Manager)
10.	Shri. Vishwas Sharma	Assistant
11.	Smt. Shreya Chaitanya Barve	Stenographer Gr. III
12.	Shri. Irappa Malappa Chalwadi	Driver-cum-Mec. T-4
13.	Shri. Dilkush Ram Velip	Driver, T-1 (KVK)
14.	Shri. Payak Jorgo Padkar	Skilled Support Staff
15.	Km. Sarita T. Zaro	Skilled Support Staff





Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

SCIENTIST'S

Personalia





List of Scientists who served here ...

Name : Dr. A.R. Bhattacharyya
Designation : Officer in charge
Period : 15-03-1976 to 31-08-1996
Specialisation : Animal Reproduction



Name : Dr. D.G. Dhandar
Designation : OSD/Director
Period : 19-06-1989 to 22-01-2001
Specialisation : Horticulture



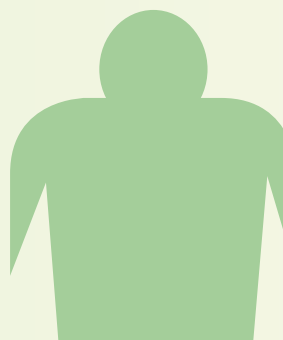
Name : Dr. K.D. Patil
Designation : Joint Director
Period : 25-02-1988 to 30-09-1995
Specialisation : Entomology



Name : Dr. P.G. Adsule
Designation : Principal Scientist/
 Acting Director
Period : 01-06-1999 to 21-05-2002
Specialisation : Horticulture



Name : Dr. Venugopal
Designation : Joint Director
Period : 23-03-1985 to 16-01-1988
Specialisation : Agronomy



Name : Dr. V.S. Korikanthimath
Designation : Director
Period : 25-01-02 to 22-02-10
Specialisation : Agronomy





List of Scientists who served here ...

Name : Dr. B.K. Swain
Designation : Principal Scientist
Period : 10-03-1997 to 26-10-2013
Specialisation : Poultry Science



Name : (Late) Dr. S.P. Singh
Designation : Senior scientist
Period : 03-04-1998 to 27-08-2010
Specialisation : Horticulture Science



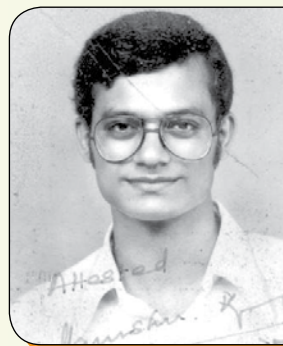
Name : Dr. P.K. Mathew
Designation : Scientist
Period : 10-06-1983 to 25-09-1995
Specialisation : Horticulture Science



Name : Dr. M.S. Ladaniya
Designation : Principal scientist
Period : 02-03-2006 to 23-02-2010
Specialisation : Horticulture Science



Name : Shri Yetendra Joshi
Designation : Scientist
Period : 23-09-1978 to 30-09-1980
Specialisation : Plant Pathology



Name : Dr. Satish Modak
Designation : Scientist
Period : 11-11-1992 to 28-10-1993
Specialisation : Agronomy



List of Scientists who served here ...

Name : Dr. N.S. Nair
Designation : Scientist
Period :
Specialisation : Poultry Science



Name : Dr. H.M. Wasnik
Designation : Senior Scientist
Period : 10-04-1984 to 30-04-2010
Specialisation : Soil Science



Name : Dr. B.C. Viraktamath
Designation : Sr. Scientist
Period : 6-05-1983 to 29-04-1989
Specialisation : Plant Breeding & Genetics



Name : Dr. Manichellappan
Designation : Scientist
Period : 19-11-1994 to 4-05-1999
Specialisation : Agricultural Entomology



Name : Dr. Chander Rao
Designation : Principal Scientist
Period : 18-02-1989 to 29-07-1995
Specialisation : Plant Pathology



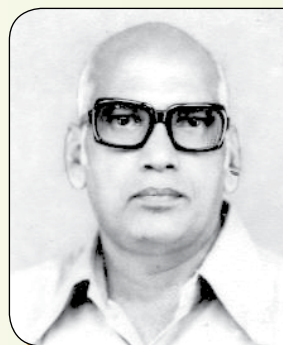
Name : Dr. J.R. Faleiro
Designation : Principal Scientist
Period : 29-05-1985 to 27-07-2010
Specialisation : Agricultural Entomology





List of Scientists who served here ...

Name : Dr. Nagabhushanam
Designation : Principal Scientist
Period : 12-11-1976 to 1-07-1982
Specialisation : Horticulture



Name : Dr. K.N. Mohanta
Designation : Principal Scientist
Period : 11-07-1996 to 1-05-2010
Specialisation : Fisheries Science



Name : Dr. R.N.S. Sundaram
Designation : Principal Scientist
Period : 20-12-1978 to 30-04-2006
Specialisation : Animal Nutrition



Name : K. Karunakaran
Designation : Scientist
Period : 13-6-2011 to 05-08-2013
Specialisation : Animal Reproduction



Name : Dr. S. Subramanian
Designation : Principal Scientist
Period : 3-12-1976 to 31-05-2013
Specialisation : Fisheries Science



Name : Dr. Manivannan .S
Designation : Senior scientist
Period : 5-10-1998 to 30-11-2009
Specialisation : Soil & Water Conservation Engg.



List of Scientists who served here ...

Name : Dr. R.R. Verma
Designation : Scientist
Period : 18-05-2007 to 31-05-2012
Specialisation : Soil Science



Name : Shri. Ashok Kumar .J
Designation : Scientist
Period : 25-11-1999 to 01-05-2010
Specialisation : Computer Application



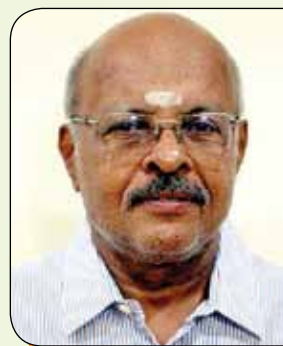
Name : Rekha A
Designation : Scientist
Period : 30-04-1985 to 04-04-1986
Specialisation : Plant Breeding & Genetics



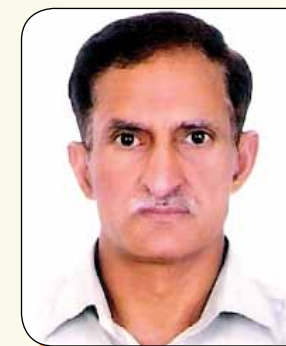
Name : Dr. K. Ramachandrudu
Designation : Senior scientist
Period : 17-07-1998 to 18-04-2006
Specialisation : Horticulture Science



Name : B. Krishnamoorthy
Designation : Scientist
Period : 10-12-1977 to 31-05-1979
Specialisation : Plant Breeding



Name : Dr. Suresh Chand Rana
Designation : Scientist
Period : 05-12-1997 to 09-07-1999
Specialisation : Horticulture Science





Personalia



Name : Dr. Narendra Pratap Singh
Designation : Director
Institute : ICAR CCARI, Goa.
Mailing address : ICAR - Central Coastal Agricultural Research Institute
Ela, Old Goa - 403402
E mail : director.ccari@icar.gov.in
Brief biography :

Dr. Narendra Pratap Singh (born on 16th July 1957 at Azamgarh, UP) completed his M.Sc (Agri.) and Ph.D in Agronomy from the Banaras Hindu University, Varanasi, India in the year 1980 and 1984 respectively. He started his career as a lecturer in 1984 in the Department of Agronomy, College of Agriculture, North-Eastern Hill University, Medziphema, Nagaland and in 1988 he served as Reader & Head, Department of Agronomy, School of Agricultural Sciences and Rural Development, North-Eastern Hill University, Medziphema, Nagaland. After the establishment of Nagaland University he was deputed to Nagaland University and later joined as a Professor and Head, Department of Agronomy, School of Agricultural Sciences and

Rural Development, Nagaland University, Medziphema, Nagaland. In June 1999, he joined the ICAR Research Complex for NEH region, Umiam, Meghalaya as Principal Scientist and Head in the Division of Agronomy. In November 2002, he was posted as Joint Director, ICAR Research Complex for NEH Region, Tripura Centre, Lembucherra, Tripura (West), Tripura State, India and served there upto February 2010. He was then appointed as the Director, ICAR Research Complex for Goa at Ela, Old Goa, Goa which has now been upgraded and renamed as Central Coastal Agricultural Research Institute w.e.f. 1/4/2014.

He is the life member of different academic societies in India and abroad. He is also a nominated member of the Executive Council of the World Noni Research Foundation, International Society for Noni Science, Chennai. He has served as the member of consultative committees in various activities of the Developmental Departments. He is a nominated member of the Academic Council of Goa University and Goa Institute of Management. He is also a nominated member for many State Level Committees.

He has visited many foreign countries on different academic programmes. He has published 120 full length papers in many reputed national/international scientific journals, 150 popular articles, 60 book chapters, 10 books and 104 research/extension bulletins. He has also released 15 varieties of different field and horticulture crops. He has developed various technologies in different fields. He served the Indian Society for Agronomy and Indian Society for Weed Science as a Councillor for three terms and was also conferred the "Fellow" of the Indian Society of Agronomy for the year 2009 and "Fellow" of the Society of Extension Education for the year 2011. Recently he was awarded the Indian Society for Agronomy (ISA) Gold Medal for the year 2012.

Personalia



Name : Dr. B.L. Manjunath, Ph. D., ARS
Designation : Principal Scientist (Agronomy)
Section : Resource Management and Integrated Production
Mailing address : No. 94/1-3 (behind Pai Vista Kalyana Mantapa)
 Model House Street, Basavanagudi,
 Bangalore - 560
Email : blmanjunathagri@gmail.com
Brief biography :

Dr. B.L. Manjunath was born on 11th December, 1965 at village Begur in Bangalore District of Karnataka. He obtained his Bachelor degree in Agriculture from University of Agricultural Sciences, Bangalore during the year 1987. He pursued his Master's degree in Agronomy from University of Agricultural Sciences, Bangalore and specialized in Weed management. Later he joined Directorate of Plant Protection, Quarantine and Storage and worked as Technical Officer at Central Surveillance Station, Mysore during the period 1989-1991. He was a recipient of Senior Research Fellowship of the Council for his doctoral degree. He was selected for Agricultural Research Service,

1990 conducted by Agricultural Scientists Recruitment Board by obtaining 9th rank on All India level and joined NAARM training during June, 1991. After the Foundation training he was deputed to Central Research Institute for Dryland Agriculture, Hyderabad for subject matter training for a period of six months. Later, he was posted at ICAR Research Complex for Goa in May, 1992 where he joined as Scientist (Agronomy). Initially he worked on coconut based cropping wherein he has identified season-wise crops and varieties for intercropping in coconut along with their economics. In another project on water management in sugarcane, the feasibility of drip irrigation to sugarcane along with the economics and the scheduling of irrigation based on IW/CPE ratio was standardized.

Dr. B.L. Manjunath obtained his doctorate in Agronomy with specialization in IFS during 2001 from UAS, Dharwad, Karnataka. For his doctoral degree he worked on designing models of IFS for coastal region of Goa involving uplands, lowlands and the middle valleys. He also worked on identification of forage crops and varieties for intercropping in coconut, rice and coconut based farming systems, identification of suitable varieties of rice for different production scenario of the region and standardisation of production technologies for hybrid rice seed production. He has published over 20 research papers in peer reviewed scientific journals of national and international repute. He has been awarded with "Bharat Jyoti" award by India Friendship Society, New Delhi as well as "Best citizen of India". He is a life member of three professional Societies and is serving as referee /councilor of these societies. He is in the panel of monitoring committee of Mega seed Project as well as of AICRP on IFS on All India Level. He is recognised guide and external examiner for UAS, Dharwad as well as UAS, Bangalore.



Personalia



Name : **Dr. G. R. Mahajan, Ph. D., ARS**
Designation : Scientist (Soil Science)
Section : Resource Management and Integrated Production
Mailing address : D-3, Type-IV, ICAR Residential Quarters,
Ela, Old Goa - 403402
E mail : gopal.soil@gmail.com ; gopal.mahajan@icar.gov.in
Brief biography :

Dr. G. R. Mahajan was born on 1st January 1985 in Jalgaon District of Maharashtra, obtained B.Sc. (Agri.) from Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra in 2007, Masters degree Soil Science and Agricultural Chemistry from Banaras Hindu University, Varanasi, U.P. in 2009 and Ph.D. from Indian Agricultural Research Institute, New Delhi in 2012 in the Discipline of Soil Science and Agricultural Chemistry. He received Junior Research Fellowship (20th Rank) and Senior Research Fellowship (1st Rank) from ICAR, for pursuing his M.Sc. and Ph.D., research work respectively. During his Ph.D. he worked on development of conventional to sophisticated methods of fertilizer recommendations in hybrid-

rice wheat cropping system. He stood 3rd in Agricultural Research Services (ARS) Examination in 2010 (Discipline – Soil Chemistry/ Fertility/Microbiology) of Agricultural Scientist Recruitment Board, New Delhi and completed his NAARM training in 96th FOCARS. He joined ICAR Research Complex for Goa, Old Goa as a Scientist (Soil Science) in October, 2012. He has been working on management of degraded soil – coastal saline soils and iron ore mine reject soils. He also has keen interest in use of information technology and related tools in agricultural research. Presently, he is principal investigator for one externally funded and one Institute project. He has published 4 research articles (two national and international each) and two extension folders. He has several awards to his credit *viz.*, Jawaharlal Nehru Award for Ph.D. thesis work, International Plant Nutrition Institute Scholar Award 2011, Dr. S.P. Raychaudhari Gold Medal (Delhi Chapter of ISSS), Best Doctoral Research Presentation Award 2013 by ISSS, Student scholarship to attend International Nitrogen Conference 2010, International Plant Nutrition Institute Photo Contest Award 2013, *etc.*

Personalia



Name : Dr. R. Ramesh, Ph. D., ARS
Designation : Senior Scientist (Plant Pathology)
Section : Crop Science
Mailing address : D-8, Type IV, ICAR Residential Quarters,
 Ela, Old Goa - 403402
E mail : r.ramesh@icar.gov.in
Brief biography :

Dr. R. Ramesh was born on 24th March, 1973 in Nilgiris district of Tamil Nadu. He obtained his B. Sc (Ag) in 1994 and M. Sc. (Ag) Plant Pathology in 1997 from Tamil Nadu Agricultural University. He was awarded ICAR Junior Research Fellowship for doing his masters degree. He did his Ph. D (Plant Pathology) from Tamil Nadu Agricultural University in 2000. He was awarded Rockefeller Senior Research Fellowship for doctoral programme and his research area in the Ph.D. was Development of transgenic rice resistant to bacterial leaf blight. He stood first in the ARS examinations conducted during 1997 by ASRB in the plant pathology subject and completed his NAARM training in 71st FOCARS. He joined as scientist on 21st October 1999

at ICAR Research Complex for Goa, Old Goa and since been working here. His research areas are management of plant diseases of economic importance and he has been working on biological control of plant diseases using antagonistic bacteria for the last 10 years and is studying bacterial diseases of crop plants especially on *Ralstonia solanacearum* for the past 5 years. Promising biocontrol agents were identified and evaluated for the management of major soil borne diseases in brinjal, groundnut and mango. Major areas of *R. solanacearum* research include phenotype based characterization to genome sequence based fingerprinting. Molecular diagnosis of the plant pathogens especially *R. solanacearum* and host resistance for bacterial wilt management are other important areas of his research. In addition to research, he attends several problems related to diseases in field and suggesting/recommending the remedial measures. Dr. R. Ramesh has published research papers in four international and 13 national peer reviewed journals. He has presented over 50 research papers in international and national seminars/ conferences/ symposia. To his credit he is one of the editors of a book and has contributed four book chapters; edited extended summaries of three national conference/ seminar/ symposium and abstract of one international symposium. He has published 7 technical bulletins, 6 extension folders and one training manual. He has sequenced complete genome of two strains of a pathogenic bacterium and submitted over 500 gene sequences to NCBI database. He has been recognized as guide for Ph.D. students of Goa University and guided several M.Sc. and B. Tech students. He is a life member of various scientific societies, member of the editorial board of Indian Phytopathology and reviewer of many reputed international peer reviewed science journals. He has been awarded DBT- CREST award for pursuing advanced research and training at University of Georgia, Athens, United States for one year from October 2011 to September 2012.



Personalia



Name : **Dr. Manohara, K. K., Ph.D., ARS.**
Designation : Scientist (Genetics & Plant Breeding)
Section : Crop Science
Mailing Address : D-11, Type IV, ICAR Residential Quarters,
Ela, Old Goa - 403402
E mail : manohar.gpb@gmail.com ; manohara.kk@icar.gov.in
Brief Biography :

Dr. Manohara, K. K., born on 22nd March, 1978 in Shimoga District of Karnataka, obtained his B.Sc. (Ag) Degree and Master's Degree in Genetics and Plant Breeding from University of Agricultural Science, Dharwad in 2003. He then joined Indian Institute of Horticultural Research as Senior Research Fellow under the DBT funded project 'Identification and Mapping of Poty Virus resistance genes in Chilli'. He did his Ph. D. degree (Genetics & Plant Breeding) at Gandhi Krishi Vigyan Kendra, UAS, Bangalore in 2004. He worked on the project 'Introgression of fine grain quality into aerobic rice lines' during his Ph.D. He was the recipient of fellowship from Arghyam, a charitable trust for his Ph.D. programme. He was also

involved as a team member in the development and release of aerobic rice variety ARB-6 (Anagha) from University of Agricultural Science, Bangalore.

He passed Agricultural Research Service (ARS) examination in 2007, in the discipline Genetics & Plant Breeding and joined as trainee in 86th FOCARS, at National Academy of Agricultural Research Management (NAARM), Hyderabad, on 21st April, 2009. He joined ICAR Research Complex for Goa, as Scientist (Plant Breeding) on 28th August 2009. His research areas include rice breeding, conventional and marker assisted breeding, germplasm conservation and characterization. Since joining at ICAR Research Complex for Goa, he is involved in the development of high yielding salt tolerant rice varieties for coastal saline areas through conventional and marker assisted breeding approach. He is also involved in the collection, conservation and characterization of rice germplasm of western region of India. He is presently handling two externally aided projects one funded from Bill Gates & Melinda foundation 'Stress Tolerant Rice for Africa and South Asia' and another one 'Agro - morphological Characterization and DNA finger printing of rice landraces from Goa' funded by Department of Science, Technology and Environment, Govt of Goa. He has published four research papers in national journals and international conferences/symposium, five popular articles, two technical bulletins and two training manuals. He has undergone training in the area of 'Marker Assisted Breeding' at International Rice Research Institute (IRRI), Manila, Philippines during 12-23rd November 2012. He is a life member of 'Indian Society of Genetics and Plant Breeding; 'Association of Rice Research Workers', 'Indian Society of Coastal Agricultural Research' and 'Society for Advancement of Rice Research'.

Personalia



Name : Dr. Maruthadurai R., Ph.D., ARS
Designation : Scientist (Agricultural Entomology)
Section : Crop Science
Mailing address : D-10, Type IV, ICAR Residential Quarters,
 Ela, Old Goa - 403402
E-mail : duraiento@gmail.com ; maruthadurai.r@icar.gov.in

Brief biography

Dr. Maruthadurai. R was born on 21st September, 1982 in Perambalur district of Tamil Nadu. He obtained his B. Sc (Ag) from Tamil Nadu Agricultural University. He was awarded ICAR Junior Research Fellowship for doing his masters degree and pursued his M.Sc (Entomology) at Indian Agriculture Research Institute. He was awarded IARI Senior Research Fellowship for his Doctoral programme and completed his Ph.D (Entomology) at IARI during 2011. He got selected as Scientist in Agricultural Entomology and under gone Foundation Course for Agricultural Research Service (FOCARS 93) at National Academy of Agricultural Research Management (NAARM),

Hyderabad. He joined as Scientist (Agricultural Entomology) at ICAR Research Complex for Goa on 5th September, 2011 and his working here till date.

During his masters he worked on standardisation of semi-synthetic diet for predator green lace wings. He worked on semio- chemical studies of egg parasitoids *Trichogramma* spp during his doctoral programme. His area of research is biological control, chemical ecology and integrated management of insect pests. At present he is working on management of cashew insect pests. He has identified one new insect pest called ambrosia beetle *Euplatypus parallelus* infestation from cashew ecosystem and published the work in international journal. Further he has documented two more borers viz Black twig borer *Xylosandrus compactus* and Jewel beetle *Belionota prasina* on cashew. He identified two entomopathogenic fungus namely *Isaria fumosorosea* and *Mucor indicus* from rice hairy caterpillar.

Dr. Maruthadurai has published 8 research papers in national and international peer reviewed journals. He has presented over 4 research papers in national seminars/ conferences/ symposia. He authored one book and published 4 technical bulletins, 5 extension folders, two popular articles and one training manual. He is a life member of various scientific societies and reviewer of reputed international peer reviewed journals.



Personalia



Name : Dr. V. Arunachalam, Ph.D., ARS
Designation : Principal Scientist (Horticulture)
Section : Horticulture Science
Mailing address : D-9, Type IV, ICAR Residential Quarters,
Ela, Old Goa - 403402
E mail : arun.ceo.innovations@gmail.com ;
v.arunachalam@icar.gov.in
Brief biography :

Dr. V. Arunachalam was born on 14th June 1969 at Palani, Dindigul district, Tamil Nadu. He obtained his B.Sc. (Horticulture) from TNAU, Coimbatore in 1990, and then M.Sc Horticulture from IARI, New Delhi in 1998 with IARI JRF. He got his Ph.D. in Horticulture from IARI. He has PG Diploma in Bioinformatics and Post-doc in Molecular biology. He joined ICAR on 15.07.1996 at CPCRI as Scientist and from 18.11.2010 to till date at ICAR RC Goa as Principal Scientist. His Field of expertise and field of interest are Horticulture and Genomics. Salient research achievements include Marker express 1.0 and DG-MAP softwares developed for genomics. Database of

predicted SCAR markers was developed for nine plants. Field gene bank of noni (16), sweet potato (5), orchids (3) was established. 35 accessions of Konkan germplasm were received IC (Indigenous collection) numbers. One accession of *Amaranthus cruentus*, with resistance to root knot nematode identified. Two coconut varieties (Andaman horned cocos, Niu Lekha Dwarf) were registered as genetic stock. Benaulim coconut with firm fruits and tepals preventing entry of eriophyid mite identified. Benaulim Pani with desirable tender coconut qualities was identified. Dwarf arecanut was evaluated for suitability to high density planting. About 22,000 seedlings, rooted cuttings were generated benefitting 195 farmers.

He has published books (authored-1; co-edited-1); Book chapters: 4; Research articles: 45; Popular articles: 25. He is a recipient of Outstanding team award of ICAR, New Delhi for the biennium 1999-2000 for the work on coconut germplasm; recipient of IISc (Indian Institute of Science)-(DBT (Department of Biotechnology) India postdoctoral fellowship (2006-2008); Vice President (Bioinformatics Club for experimental scientists). Bioclues www.bioclues.org (2010-11); Member Editorial Board, International Journal for Computational Biology (2012-13); Recognised research supervisor at Kannur and Calicut and Mangalore Universities India; Associate Editor (Agriculture)-Versita Open access Books, Warshaw, Poland (2012-13).

Personalia



Name : Dr. A. R. Desai, Ph.D., ARS
Designation : Sr. Scientist (Hort.-Fruit Science)
Section : Horticulture Science
Mailing address : D-1, Type IV, ICAR Residential Quarters,
 Ela, Old Goa - 403402
E mail : adavirao.desai@icar.gov.in
Brief biography :

Dr. A.R. Desai born on 10th March 1961 at Kushtagi, Karnataka obtained his B.Sc. (Agri.) degree in 1983 from college of Agriculture, Dharwad and Masters degree in Horticulture in 1986 from GKVK, Bangalore of the University of Agricultural Sciences, Bangalore, Karnataka. Subsequently, he obtained Ph.D. degree in Horticulture from UAS, Dharwad in 2008. After clearing ARS examination in Horticulture, he joined ICAR on 7th August 1989 through NAARM (FCRPM batch 31), Hyderabad for foundation training followed by a Subject Matter Training at IIHR, Bangalore on 1st Jan 1990. Then, he joined as a Scientist (Horticulture) at ICAR Research Complex for N.E.H. Region, Barapani., Meghalaya in August 1990. Initially, he evaluated various agroforestry systems comprising of horticulture component, suitable

for NEH region. Subsequently, he took up research programmes on collection, evaluation and improvement of local leguminous vegetables, besides his association with improvement programmes of rhizomatous spices (turmeric and ginger). Since his joining at ICAR Research Complex for Goa in Feb 1996, he has been working on conservation and utilization of Genetic resources and also production of quality planting material of horticulture crops like mango, cashew, nutmeg, cinnamon, black pepper, turmeric and ginger. Mango Germplasm comprising of local mango varieties of Goa, introduced mango varieties and hybrids is being maintained. Variability within popular varieties like Mankurad and Hilario is being explored for further selection of promising types for commercial traits within each group. Cardozo Mankurad, a superior selection of mango variety is registered with NBPGR, New Delhi. Cashew Germplasm comprising of genotypes with bold nut & bigger apple size, cluster bearing traits, high yield, and dwarf canopy stature is being maintained. Goa-1 (Balli-2) is a cashew variety with higher nut yield, bold nuts having higher shelling per cent and bigger apples, recommended for commercial cultivation in Goa state. Tiswadi-3 (Goa-2), Ganje-2 and KN-2/98 are other promising selections ready for release for commercial cultivation in Goa state. Cashew research programmes are linked with AICRP (Cashew) network project. His research area also includes Molecular marker based selection of parents and hybrids in cashew breeding. Local nutmeg genetic resources are collected and being maintained for evaluation. He is a life member of various professional societies like Horticulture Society of India, Indian Society for Plantation Crops, Society for Promotion of Horticulture and Indian Society for Hill Farming. He is a recognized Guide and external examiner for University of Agricultural Sciences, Dharwad. He has guided four PG students and published 18 Research articles, few popular articles, book chapters, technical bulletins and extension folders.



Personalia



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Brief biography :

Dr. M.Thangam was born on 5th May, 1974 in Dharmapuri District of Tamil Nadu, obtained his B.Sc. (Horticulture) from Horticultural College and Research, Periyakulam under Tamil Nadu Agricultural University (TNAU), Coimbatore during 1995. Later he completed his M.Sc. (Horticulture) from Horticultural College and Research Institute, TNAU, Coimbatore during 1998 with ICAR JRF award. He got selected as Scientist in Hort. Vegetable Science, through Agricultural Scientist Recruitment Board (ASRB), under ICAR, New Delhi during 1999 and joined as Scientist at ICAR Research Complex for Goa on 15.11.1999. He has under gone Foundation Course for

Agricultural Research Service (FOCARS) at National Academy of Agricultural Research Management (NAARM), Hyderabad in 69th FOCARS batch from 6th January to 4th May, 2000.

Since joining ICAR RC for Goa he worked on germplasm collection and conservation in many vegetable crops of Goa *viz.* Chilli, Brinjal, Bhenidi, Vegetable Cowpea, Amaranthus, Cucurbits, *etc.* introduction and evaluation of improved varieties of vegetable crops suitable for Goa and development of production technologies for important vegetable crops of Goa. His notable contribution is in the field of development of production technologies for protected cultivation of flower and vegetable crops *viz.* Gerbera, Anthurium, Liliun, Orchids, Capsicum, Tomato, Cucumber, *etc.* in the coastal eco system of Goa. The technology has been widely adopted by the progressive farmers of Goa with support of National Horticulture Mission and Goa State Directorate of Agriculture. He has on going research programme on collection, conservation and evaluation of exotic flowers like heliconia, ginger lilly, torch lilly *etc* under Goa condition wherein around 50 collections are maintained under field condition. He has been the principal and Co-principal Investigator of several Institute and externally funded projects. Dr. M.Thangam, till date, has published 46 papers including 18 research papers in the referred journals. To his credit, he is author/co-author of 7 technical bulletins, 7 extension folders and several compilations. He is a life member in 11 professional societies in India like The Horticultural Society of India, South Indian Horticultural Association, Indian Society of Root Crops, Indian Society of Vegetable Science, Indian Society of Ornamental Horticulture, Society for Promotion of Horticulture and The Indian Science Congress Association *etc.*

Personalia



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Brief biography :

S.Priya Devi was born on 19th June, 1974 in Thirunelveli District of Tamil Nadu, obtained her B.Sc. (Horticulture) from Horticultural College and Research, Periyakulam under Tamil Nadu Agricultural University (TNAU), Coimbatore during 1995, with merit scholarship of TNAU. Later she completed her M.Sc. (Horticulture) from Horticultural College and Research Institute, TNAU, Coimbatore during 1998, with ICAR JRF fellowship and bagged Madhav Rao Gold award for Best Horticulture Thesis of the year. After serving as Senior Research Fellow under NATP project for 11 months, in Department of Vegetable Crops, Horticultural College and Research Institute, Coimbatore, she got selected as Scientist in Horticulture-

Fruit Science during 1999 and joined as Scientist at ICAR Research Complex for Goa on 19.11.1999. She has undergone Foundation Course for Agricultural Research Service (FOCARS) at National Academy of Agricultural Research Management (NAARM), Hyderabad in 69th FOCARS batch from 6th January to 4th May, 2000. Since joining ICAR RC for Goa she worked on germplasm collection and conservation in under utilised fruit crops of Goa, introduction and evaluation of improved varieties of fruit crops suitable for Goa and post harvest and processing of fruit crops of Goa. She has worked extensively on genetic diversity of kokum in Goa. She has identified promising kokum accessions for yield, earliness and quality traits. She has also identified local banana cultivars and pineapple variety suitable for cultivation under coconut shade in Goa. She has also evaluated commercial varieties of fruit crops like papaya, aonla, grape fruit and drawn recommendations on varieties suitable for commercial cultivation in Goa. She completed her PhD in Fruit Sciences at Tamil Nadu Agricultural University, Coimbatore, during 2009, and bagged K. Balaraman Gold Medal for best research thesis. She works on Precision Farming Technology of fruit crops under RKVY funded project and on Empowering Tribes of Goa with post harvest machinery for processing and value addition in minor fruits under TSP funded project. She visited CSIRO, Canberra, Australia as visiting scientist for three months under NAIP programme. She is a life member of Indian Society of Horticulture, Association for Coastal Agricultural Research, Botanical Society of Goa and Executive Member of Western Ghat Kokum Foundation. She has published many research papers in the referred journals. To her credit, she is author/co-author in 8 technical bulletins, 2 book chapters and several compilations.



Personalia



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Brief biography	:

Dr. Mathala Juliet Gupta born on 6th June, 1968 in Seemanthidal village of Pudukottai district, Tamilnadu, obtained her B.E. (Ag) degree from College of Agricultural Engineering, Tamilnadu Agricultural University, Coimbatore, Tamilnadu, during which she was awarded the TNAU merit scholarship for best academic performance, Master's degree in Agricultural Engineering with IARI Junior Research Fellowship and Ph.D. in Agricultural Engineering with Senior Research Fellowship from Indian Agricultural Research Institute, New Delhi. She worked on the design of a solar greenhouse for cold climatic conditions of India for her PhD for which she was

awarded the prestigious CSIR Senior Research Fellowship.

She qualified for ARS examination conducted in 1995, completed her NAARM training in 71st FOCARS and joined as Scientist at Indian Agricultural Research Institute on 21 August, 1998. She worked on development of greenhouse designs and greenhouse-type solar dryer for northern India and popularizing the same among farmers of northern India at IARI. She was also teaching courses for post-graduate and doctoral students. She was deputed to State College, PennState University as Visiting Faculty for research on Biosensors for detection of food pathogens in 2003-04. She joined at ICAR Research Complex for Goa from March 18, 2011 and is working here henceforth.

Since joining at ICAR RC for Goa, she is working on design of a naturally ventilated greenhouse for Goa, standardising greenhouse-type solar dryer for use by Arecanut farmers and design and standardization of a low-cost structure for hydroponic fodder production. She has collected data on post harvest losses of Cowpea and paddy for the state of Goa. Dr. Gupta is also actively working in upliftment of small and marginal Tribal farmers of Goa through her TSP funded projects on Mechanization and protected cultivation.

Dr. Gupta has till date published 14 research papers in national and international journals, 6 book chapters, 13 extension folders and presented 18 papers in national and International conferences,. She is a life member of Indian Society of Agricultural Engineers, International federation for women in Agriculture, Solar Energy Society of India, and Association for Costal Agricultural Research. She is also the vice president (West Zone) of the Central Executive Committee of ARSSE, New Delhi.

Personalia



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Brief biography :

Dr. Safeena S.A born on 24th August, 1980 in Thiruvananthapuram district of Kerala, obtained her B.Sc. (Agriculture) degree from Kerala Agricultural University in 2002 and M.Sc. (Agri.) in Horticulture from University of Agricultural Sciences, Dharwad in 2005. She then registered for Ph.D. (Horticulture) at University of Agricultural Sciences, Bangalore in 2006 wherein she completed all her course works and qualifying examination. Meanwhile she stood Second in Agriculture Research Service (ARS) Examination, 2007 conducted by Agricultural Scientist Recruitment Board (ASRB) in the discipline of Floriculture and had to temporarily discontinue her Ph. D programme. Subsequently she joined ARS as a Scientist on 10th February, 2009 at National Academy of Agricultural Research

Management, Hyderabad to undergo 85th Foundation Course for Agricultural Research Service.

On successful completion of FOCARS training, she was posted at ICAR Research Complex, for Goa and joined the Institute on 20th June 2009. Later she completed her Ph. D. degree in Horticulture on deputation from University of Agricultural Sciences, Bangalore in 2013. She worked on “Comprehensive studies on evaluation of Ornamental filler plants, for production of cut foliage and vase life” under the chairmanship of Dr. B. Raju, Director of Education, University of Horticultural Sciences, Bagalkot and Co-chairmanship of Dr. R. Jayanthi, Professor of Horticulture, University of Agricultural Sciences, Bangalore. Since joining ICAR Research Complex for Goa, she worked on Collection, Conservation, Evaluation and Cataloguing of Germplasm of Ornamental crops of Goa and adjoining regions” wherein she concentrated more on traditional/loose flower crops of Goa *viz.*, marigold, jasmine and crossandra. Presently her area of research includes Standardisation of production and post harvest handling techniques coupled with mass production of commercially important flower and foliage crops under agro climatic conditions of Goa. She is an expert in dry flower preservation, flower arrangements, landscape gardening *etc.*

She is a life member of various Professional Scientific Societies like The Horticultural Society of India, Indian Society of Ornamental Horticulture, Society for Promotion of Horticulture and Medicinal and Aromatic Plants Association of India. Till date she has published 6 research papers in national and international journals and has authored/co-authored 14 Popular/Technical articles/Technical Bulletins/Extension Folders *etc* and is author/co-author of 10 papers presented in various national and international conferences/symposia.



Personalia



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Brief biography :

Dr. S.K. Das was born at Hasnabad near Kolkata of West Bengal in the year 1965. He graduated from Bidhan Chandra Krishi Viswavidyalaya (BCKV), West Bengal in Veterinary Science and Animal Husbandry (B.V.Sc. & AH) in the year 1987, did his post graduate (M.V.Sc.) from the same university in the year 1989 in Animal Production and Management. He was awarded Ph.D. from Assam Agricultural University (AAU), Assam in 1999 with specialization in Animal Production and Management. He secured Agricultural Research Service (ARS) in 1990, completed his NAARM training in 40th FOCARS and joined in Agricultural Research Service in the year 1992 as Scientist in the discipline Livestock Production and Management (LPM). He served at different ICAR organizations such as NAARM,

Hyderabad, AP, Central Institute for Research on Goat, Mathura, UP; ICAR Research Complex for NEH Region, Barapani, Meghalaya, ICAR Research Complex for Eastern Region, Patna, Bihar and ICAR Research Complex for Goa, Ela, Goa. His field of expertise and field of interest are housing, breeding and management of different class of livestock such as rabbit, pig, goat, cattle and buffalo; to develop package of practices for economic milk and meat production under different ecosystems livestock based integrated farming system for small and marginal farmers in different agro climatic conditions climate change impact study on livestock and development of adaptation and mitigation strategies to ameliorate adverse impact of climate change on livestock and to enhance milk and meat production. He developed different technologies such as i) Upgraded pig with 87.5% Hampshire inheritance at NEH Region, ii) Package of production for pig rearing in NEH Region, iii) Standardization of fur skin processing of rabbit, iv) Development of black rabbit through diallel crossing, v) Package of practices for goat production, vi) Package of practices for rabbit production and vii) Adaptation of dairy cattle towards heat stress *etc.* He has co guided five post graduate students. He has published 70 research papers, 20 popular and review articles in National / International journals besides 5 book chapters, 13 abstracts in conference proceedings, 16 technical reports, 10 research bulletins, extension folders *etc.* He has presented 27 papers in National and International seminar, conference, and symposium. He is annual and life member of nine scientific societies / association, including New York Academy of Science (NAS). He is a recipient of Merit Scholarship in MVSc by Bidhan Chandra Krishi Viswavidyalaya in 1987. Best oral presentation award in National Seminar at CIRG, Makhdoom in 2009, Oral presentation award in National Seminar and Annual Conference of ISSGPU at Mahabaleswar in 2014.

Personalia



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Brief biography :

Dr Chakurkar was born on 13th September, 1963 at Chakur, District Latur, Maharashtra. He graduated from Marathwada Agricultural University Parbhani, with his B.V.Sc.&AH and M.V.Sc degrees. He got his Ph.D. from Bombay Veterinary College. He got selected for ARS and joined ICAR on 5th August 1991; attended 38th Foundation course at NAARM Hyderabad. From January 1992-July 1992 he was deputed to NDRI, Karnal for subject matter training. He is serving in ICAR Research Complex for Goa from July 1992 till now.

His field of expertise include Reproductive techniques in Animal reproduction like synchronization of estrous, use of ultrasonography,

seminology in pigs, rabbits and cattle. He has 27 Research articles as first author and 18 research articles as co-author. He has also published four training manuals, four technical bulletins, six technical folders and two popular articles. He was awarded Certificate of Merit for securing the highest C.G.P.A. *i.e.* 3.78/4.00 in M.V.Sc. degree examination held in 1989-90. He was awarded along with his colleague Dr. R. N .S. Sundaram “FAKHRUDDIN ALI AHMED AWARD” by Indian Council of Agricultural Research for outstanding agricultural research in tribal areas for the biennium ,1996-97 which is a National level team award consisting citation, medal and Rs.50000 (Rs. Fifty thousands). This award was given for the research carried out during period of five years (1992-1997). Area of research which was awarded includes research to improve the methods of rabbit rearing under local conditions with a view to increase the farmers income .Considering the local demand for meat and meat products, an unconventional source of meat was popularized through the introduction of exotic breeds of rabbit in Goa. He was Awarded Recognition as Fellow of National Academy of Veterinary Sciences (India) for research in field of veterinary and Animal husbandry in 2007.



Personalia



Name : **Dr. S. B. Barbuddhe, Ph.D., ARS**
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Brief biography :

Dr. S.B. Barbuddhe, born on 1st June 1967 at Nimgaon, Gondia district, Maharashtra obtained his B.V.Sc. & A.H. from Nagpur Veterinary College, Nagpur during 1991; M.V.Sc and Ph.D. from IVRI, Izatnagar. He was Recipient of National Merit Scholarship of Director of Education, Maharashtra State, Pune during graduation. He was recipient of ICAR JRF and ICAR SRF fellowships during his Post graduation and Ph D studies. He joined as Scientist in 1996, after ungoing FOCARS-56 training at NAARM, Hyderabad. He has established a rapid method, Pulsed Field Gel Electrophoresis (PFGE) for typing *Listeria* based on macro-digestion of the listerial genome. PCR based diagnostic kit for detection of *Listeria monocytogenes* from food and clinical samples (human and animal) has been developed. Developed PCR protocols (Trans and Real-time) for rapid and

reliable detection of *Coxiella burnetii*. Established *Coxiella* as a cause of spontaneous abortions in humans and animals. Real time PCR for *Brucella* in clinical samples of man and animals was established. An online database, Indian *Listeria* Culture Database (ILCD), an online databank of profiles of *Listeria* has been developed. A well characterized repository of the strains of *Listeria*, Indian *Listeria* Culture Collection (ILCC) has been established. The strains are collected/ isolated from 12 states of India. State-of-the-art facilities to diagnose listeriosis in humans and animals and to subtype strains have been established. Mosquito as a carrier of pathogenic *Listeria* species (arthropod-based transmission) has been discovered. General awareness campaigns for zoonotic pathogens such as *L. monocytogenes*, *Brucella abortus*, *Leptospira*, *Coxiella burnetii* etc. were taken attracting physicians across Goa successfully followed by testing and suggesting treatment.

He got Young Scientists' Award of National Academy of Agricultural Sciences (NAAS) in Animal Sciences for the year 1997- 98. He got Certificate of Outstanding participant at the Summer Institute on "recent trends in diagnosis and control of important zoonoses and food-borne infections" held at IVRI, Izatnagar. Recipient of Biotechnology Overseas Associateship award (2005-06) to undergo training abroad under Department of Biotechnology, Govt. of India at Institute for Medical Microbiology, Justus-Liebig University, and Giessen, Germany. Recipient of International Travel grant of Department of Science and Technology, Government of India to attend XVII International Symposium on Problems of Listeriosis (ISOPOL) held in Portugal during May 2010. He Established Centre of Excellence and Innovation in Biotechnology sponsored by Department of Biotechnology, Govt. of India on "Translational centre for molecular epidemiology of *Listeria monocytogenes*".

Personalia



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Brief biography :

Dr. Prafulla Kumar Naik was born on 25th August, 1971 in the village Jhariapali, Sundargarh District of Odisha. He obtained his BVSc & AH Degree from the College of Veterinary Science, Odisha University of Agriculture & Technology in 1994. He completed his MVSc and PhD in Animal Nutrition from the Indian Veterinary Research Institute, Izatnagar in 1997 and 2002, with ICAR Junior Research Fellowship and Senior Research Fellowship respectively. He started his career in 2002 as Assistant Professor, Department of Animal Nutrition, Punjab Agricultural University (PAU), Ludhiana. In 2008, he joined as Associate Professor (Animal Science) at Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana. Later on, in 2009, he joined

as Senior Scientist (Animal Nutrition), in ICAR Research Complex for Goa, Old Goa. The major research areas of Dr. P.K.Naik are nutrition, supplementation & strategic feeding and metabolism of ruminants & non-ruminants and feeds and fodder technology. During his MVSc and PhD programme, he worked on improvement of crop residues for feeding of dairy animals and complete feeding system for buffaloes. Currently, he is focussing his research work on bypass fat (rumen protected fat) technology; hydroponics fodder technology; and complete feed block technology. He has devised an economical, farmers-friendly technology for production of bypass fat indigenously for feeding of dairy animals, which is already commercialized. He has standardized the technology for production and feeding of hydroponics green fodder to dairy animals and has been instrumental in introducing several hydroponics green fodder production units at Goa with RKVY funding, while also envisaging low cost hydroponics technology to farmers. He has six years of teaching experience in Animal Nutrition; published 45 research papers, three books and scientific review, 10 book chapters and teaching manuals and 41 popular articles and extension folders. He is the recipient of National Rural Talent Scholarship, National Merit Scholarship in BVSc & AH Degree, Dr. N. D. Kehar Award for Best PhD Thesis for 2002, Dr. K. Pradhan Young Scientist Award-2007-09 and Best Oral Presentation Award in Animal Nutrition Conference, Chennai in 2013. He is a life member of Animal Nutrition Society of India; Animal Nutrition Association of India; Indian Poultry Science Association; Association for Coastal Agricultural Research; Indian Veterinary Association; Member of National Academy of Veterinary Sciences (India); Indian Dairy Association; Indian Association for the Advancement of Veterinary Research; and Veterinary Council of Goa.



Personalia



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Brief biography :

Dr. Z. B. Dubal born on 12th May, 1974 in Mumbai, Maharashtra State, obtained his B.V.Sc. & A.H. degree in 1998 and M.V.Sc. (Veterinary Public Health) in 2001 from Konkan Krishi Vidyapeeth, Dapoli, Maharashtra. He has qualified Agricultural Research Scientist examination conducted by Agricultural Scientist Recruitment Board (ASRB) in the discipline of Veterinary Public Health in 2002 and joined as a Scientist on 2nd June, 2003 at ICAR Research Complex for NEH Region, Umiam, Barapani. He served as a Scientist (VPH) in NEH Region (at Barapani and Gangtok) from 2nd June, 2003 to 4th

June, 2012. He has successfully completed in-service Ph. D. in the discipline of Veterinary Public Health in 2009 from IVRI, Izatnagar, Bareilly, U.P. During service in the NEH Region, he has worked on molecular characterization of mastitis pathogens, characterization of enteric pathogens of livestock and humans and, molecular characterization of rotavirus from NEH Region. From NEH region, he was transferred to ICAR RC for Goa as a Scientist (VPH) at Goa on 5th June, 2012. Since joining ICAR Research Complex for Goa, he has worked on isolation, identification and molecular characterization of enteric pathogens with special reference to rotavirus from piglets, calves and children and bovine mastitis pathogens from Goa and Western Maharashtra. He has standardized the method for extraction of dsRNA of rotavirus from fecal samples of animals and humans, and protocols for RNA-PAGE, AGE and RT-PCR for detection of rotavirus from animals and humans. He also standardized the RT-PCR method for genotypic characterization of rotavirus by targeting VP7 and VP4 genes of group A rotaviruses. He has thorough knowledge on isolation of rotavirus on MA104 cell line as well as pox virus in embryonated chicken eggs. He was also associated in development of Indirect ELISA for diagnosis of Japanese Encephalitis as well as for development of OMP vaccine for *Salmonella typhimurium*. He has detected PRRS virus from the infected pigs from Kyrdemkulai Pig Farm, Meghalaya in 2011-12 (First Time from India). He has received best oral presentation and three best poster presentation awards. He is a recognized external examiner of MAFSU and Kerala Agricultural University. He has published 26 research papers in reputed national and international journals, 5 Popular articles, one book (editor), 3 book chapters, 7 chapters in manual/winter school/compendium, 17 extension folders, secured 35 accession numbers, delivered about 25 lectures. He has presented more than 10 papers in various national and international conferences/symposia.

Personalia



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Dr. K. Muniswamy was born on 4th May 1981, at Puducherry. He has done his under graduate degree (B.V.Sc & A.H) from Rajiv Gandhi Institute of Veterinary Education and Research, Puducherry, and Post Graduate degree (M.V.Sc) on Animal Biotechnology from Indian Veterinary Research Institute, Izatnagar, Uttar Pradesh. He was recipient of ICAR JRF fellowship during his M.V.Sc.

Later on, he worked as Veterinary Inspector at Allana Meat Plant, Unnao, Kanpur, UP, for six months. Then, he got selected for ARS service in Animal Biotechnology, during 2008 and attended 83rd FOCARS Training at NAARM, Hyderabad, in 2008. Later on, he

got posted at Project Directorate on Foot and Mouth Disease, Mukteshwar.

He is specialised in molecular epidemiology and development of diagnostics. He is also interested in developmental biology work. He has cloned and expressed a recombinant Brucella P39 protein, which can be used in development of ELISA. He has also worked on epidemiology and diagnosis of Foot and Mouth Disease virus (FMDV), especially on strain Serotype O. He is currently focussed on molecular characterization of litter size candidate gene *Mucin* and *RBP4* in swine. He is also maintaining the Institute poultry unit, taking care of hatchery unit, involved in chick production and treatment of diseased poultry. He is a member of Pondicherry state Veterinary Council, and has authored review paper on Genomic imprinting.



Personalia



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Brief Biography :

Dr. R. Solomon Rajkumar was born on 17th February 1983 at village Anaparthi in East Godavari District of Andhra Pradesh. He completed his schooling from Jawahar Navodaya Vidyalaya, Yanam (U.T of Puducherry). He obtained his Bachelor degree in Veterinary Sciences and Animal Husbandry from Rajiv Gandhi College of Veterinary and Animal Sciences, Puducherry during the year 2005. He pursued his Master's degree in Veterinary Sciences specialized in Poultry Science during the year 2006-2008 from Indian Veterinary Research Institute, Izatnagar. He was a recipient of Junior Research Fellowship from ICAR for his Master's degree. His Master's research work was presented at XXI International Committee for Food Microbiology and

Hygiene (ICFMH) Symposium ("Food Micro 2008") on "Evolving Microbial Food Quality and Safety" at Aberdeen, Scotland through Young Scientist Travel Grant by International Committee on Food Microbiology and Hygiene (ICFMH), United Kingdom.

Dr. Rajkumar was selected for Agricultural Research Service (ARS) conducted by the Agricultural Scientist Recruitment Board in the year 2009 and joined NAARM, Hyderabad in 88th FOCARS. Later he was posted at ICAR-National Research Center on Meat, Hyderabad. Initially he worked on the Poultry and Meat Processing, Food Safety and Quality Assurance of Livestock Products. In the year 2011, he was awarded DST-International Travel Scheme by Department of Science and Technology, Govt. of India to attend XVI International Workshop on Campylobacter, Helicobacter and Related Organisms (CHRO 2011), Vancouver, British Columbia, Canada. He also pursued PG Diploma -Technology Management in Agriculture from NAARM, Hyderabad, 2012 and he obtained Lead auditor certification for ISO 22000-Food Safety Management System from British Standards Institute in the year 2013.

Dr. Rajkumar has authored more than 20 research papers in International and National Journals. He is a life member of several professional societies and is a Executive Body member of Indian Poultry science association and expert member of National Meat and Poultry Processing Board, Govt. of India.

Dr. Rajkumar joined the ICAR-Central Coastal Agricultural Research Institute in the year 2014 and currently working on availability of eggs and chicken meat in remote rural/tribal areas through rural poultry farming (RPF) with improved chicken varieties in the state of Goa.

Personalia



Name : Dr. Binsila B. Krishnan, M.V. Sc. ARS
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Brief biography :

Dr. Binsila B Krishnan born on 26th October, 1983 in Calicut district of Kerala, obtained her BVSc. degree from Kerala Agricultural University in 2009 (College of Veterinary and Animal Sciences, Mannuthy) and M.V. Sc. (Animal Reproduction) from Indian Veterinary Research Institute in 2011. She then registered for Ph. D. (Animal Reproduction) at Indian Veterinary Research Institute in 2011 wherein she completed all her course works and qualifying examination. Meanwhile she was qualified in Agriculture Research Service (ARS) Examination, 2012 conducted by Agricultural Scientist Recruitment Board (ASRB) in the discipline of Animal Reproduction & Gynecology and had to temporarily discontinue her Ph.D.

programme. Subsequently she joined as ARS Scientist on 1st July, 2013 at National Academy of Agricultural Research Management, Hyderabad to undergo 98th Foundation Course for Agricultural Research Service.

On successful completion of first phase of FOCARS training, she was posted at ICAR Research Complex of Goa and joined the Institute on 17th October 2013. Later she completed one month orientation training at the parent Institute and three month professional attachment training at reproductive physiology laboratory, NIANP, Bangalore. During the training she got exposure to various assisted reproductive technologies and completed a short research work on “Seminal plasma profile in Murrah buffalo bulls and their relationship with sperm functions”. After completion of the attachment training she joined ICAR Research Complex for Goa on 27th March, 2014. Her area of research interest and current focus of work is on reproductive technologies for augmenting fertility in farm animals.

Dr. Binsila B. Krishnan is a life member of various Professional Scientific Societies like Indian Society for Study of Animal Reproduction, Indian Society for advancement of canine practice, Agricultural Research Service Forum. She has to her credit several research papers and popular scientific articles. Till date she has authored /co-authored 3 research papers and 4 popular scientific articles in national and international journals.



Personalia



Name : Dr. (Mrs.) Susitha Rajkumar, Ph.D., ARS
Designation : Scientist (Veterinary Pathology)
Section : Animal Sciences
Mailing Address : D-12, Type IV, ICAR Residential Complex,
Ela, Old Goa 403 402
Email : susithavet@yahoo.co.in ; susitha.rajkumar@icar.gov.in
Brief Biography :

Dr. Susitha Rajkumar was born on 28th September 1982 at Tellicherry in Kannur District of Kerala. She obtained her Bachelor degree in Veterinary Sciences and Animal Husbandry from Rajiv Gandhi College of Veterinary and Animal Sciences, Puducherry during the year 2005. She pursued her Master's degree in Veterinary Sciences specialized in Avian Diseases during the year 2005-2007 from Indian Veterinary Research Institute, Izatnagar. She was a recipient of Junior Research Fellowship from IVRI for her Master's degree. During her Master's she worked on "Molecular Characterization of EDS-76 virus of Poultry". Later she worked as Research Associate in the Department of Biotechnology sponsored project on "Development of Recombinant

antigens of *Hyaloma anatolium anatolium* and *Theileria annulata* for integrated control vector and parasite" at Entomology Laboratory, Division of Veterinary Parasitology, IVRI, Izatnagar.

Dr. Susitha Rajkumar was selected for Agricultural Research Service (ARS) in the discipline of Veterinary Pathology conducted by the Agricultural Scientist Recruitment Board in the year 2009 and joined NAARM, Hyderabad in 88th FOCARS. Later she was posted at ICAR-National Research Center on Meat, Hyderabad. Initially she worked on Sarcocystosis in export buffalo meat. Dr Susitha completed her PhD degree in Veterinary Pathology in the year 2015 from Indian Veterinary Research Institute, Izatnagar. During her Ph.D. research has worked on pathology of Avian Mycoplasma in Chicken.

She is a life member of several professional societies. Dr. Susitha joined the ICAR-Central Coastal Agricultural Research Institute in the year 2014 and currently working on Animal Health diagnosis and survivelance.

Personalia



Name : Sreekanth G. B. M.F. Sc., ARS
Designation : Scientist (Fisheries Resource Management)
Section : Fisheries Science
Mailing address : C-8, Type III, ICAR Residential Quarters,
 Ela, Old Goa - 403 402
E mail : gbsree@gmail.com ; gb.sreekanth@icar.gov.in
Brief biography :

Mr.Sreekanth born on 27th May 1987 at Thathanampully, Palakkad, Kerala, has completed his B. F. Sc. from College of Fisheries, Panangad, Kerala in 2009 and M. F. Sc. (Fisheries Resources Management) from Central Institute of Fisheries Education, Mumbai in 2011. He has received ICAR JRF for Post graduation in fisheries science (FRM) for M. F. Sc. at CIFE, Mumbai. He was selected for ARS (Fisheries Resource Management) in 2012 and joined the service in ICAR as a scientist since 01-01-13. After completion of 97th FOCARS at NAARM, he is working with ICAR Research Complex for Goa as scientist in Fisheries Section since 10-04-13.

His area of interest is Fisheries resource management, Fish biodiversity, Marine fisheries resources, taxonomy, biology, resource enhancement, ecosystem modelling, population dynamics and Fish forecasting systems and bioeconomics. He is involved in two research projects *viz.*, Augmentation of fish biodiversity through artificial fish habitats and Development of coastal mariculture along Goa. Apart from these, a project on fresh water fish diversity along Goa in collaboration with NBFGR and Marine fisheries resources survey from Panjim fisheries harbour is also under progress. He has found that the major fisheries resources along Siridao region of Goa consist of 48 pelagic, 55 demersal and 16 crustacean resources. Demersal resources are more diverse in comparison with pelagic resources. Pelagic resources are more abundant in comparison with demersal resources. He is a member of Agricultural Economics Research Association, Marine Biological Association of India, Society for Marine Research and Conservation, Association of Coastal Agricultural Research and Agricultural Research Service Scientists Forum and PFGF.

He has 5 research publications to his credit in peer reviewed journals. He has also published 3 popular articles and completed one short term project on “Global canned fish resourcing and distribution”.



Personalia



Name : Manju Lekshmi. N., M.F. Sc., ARS
Designation : Scientist (Fisheries Resource Management)
Section : Fisheries Science
Mailing address : C-3, Type III, ICAR Residential Quarters,
Ela, Old Goa - 403402
E mail : manjuaem@gmail.com ; manjulekshmi.n@icar.gov.in
Brief biography :

Mrs. Manjulekshmi born on 20th May 1986 at Thiruvanthapuram has completed her B. F. Sc. from College of Fisheries, Panangad, Kerala in 2009 and M. F. Sc. (Aquatic Environmental Management) from Central Institute of Fisheries Education, Mumbai in 2011. She got selected for ARS (Fisheries Resource Management) in 2012 and joined the service in ICAR as a scientist since 01-01-13. After 97th FOCARS at NAARM, she is working at ICAR Research Complex for Goa as scientist in Fisheries Section since 11-04-13.

Her field of expertise is Environmental and aquatic microbiology, Mariculture-Coastal cage culture, Oyster and Mussel culture,

Integrated farming, Ornamental fish breeding and hatchery management. She is involved in two projects viz., 'Development of coastal mariculture along Goa' and 'Augmentation of fish biodiversity through artificial fish habitats'. Besides, she heads an externally funded project on "Technology demonstrations on mariculture for improving the livelihood status of youth and women in Goa" funded by National Fisheries Development Board.

She initiated her work on mariculture at the farmers' fields. The project focuses on the development of coastal mariculture activities along Goa for livelihood development and to assess the ecological and economic impacts of the coastal mariculture in Goa. Breeding and seed raising methods of both egg layers and live bearers of many fresh water ornamental fishes namely gold fish (normal, shubunkin, redcap, black moor), koi carp, gourami, (blue, yellow, pearl), angel, sword tail, guppy varieties and molly are developed after repeated trails. She has published 2 Research Articles and 4 Popular Articles, submitted many bacterial sequences to NCBI - GenBank, USA which include both uncultured (DGGE) and cultured organisms.

She is a member of Association of Coastal Agricultural Research and Agricultural Research Service Scientists Forum and PFGF.



Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

STAFF

*Technical
Administrative
Supporting*





Technical Staffs ...



Vinayak Dattatraya Kulkarni
Asst. Chief TO.



Smt. Madina S. Solapuri
Sr. TO (Civil Engg.)



Shri. Vinod Ananda Ubarhande
Sr. TO (Farm Supdt.)



Shri. Edward Crasta
TO (Stockman)



Shri. Sidharth Marate
TO (Technical Cell)



Shri. Rahul Kulkarni
TO (Agronomy)



Shri. Raghurama Kukkude
TO (Library)



Smt. Pranjali Wadekar
TO (Computer)



Technical Staffs ...



Shri. Yogananda Gaude
TO (Electrical Officer)



Shri. Suresh Mahadev Gomes
TO (Tractor Driver)



Shri. Upendra Kumar
Technician



Shri. Sanjeev Kumar Singh
Technician



Shri. Prakash Parwar
Technician



Shri. Gokuldas Gawas
Technician



Shri. Datta Velip
Technician



Shri. Laxman Ashok Naik
Technician



Technical Staffs



Shri. Omar Illroy Francisco Da Silveira Ursula De Souza
Technical Asst. T-3



Shri. P. Rajendran
Administrative Officer



Shri. Saurabh Muni
Finance and Acct. Officer



Smt. Maria Teresa Nigli
Asst. Admn. Officer



Smt. Lizetta Noronha
Private Secretary



Smt. Montia Rita D'Silva
Asst. Admn. Officer



Shri. Agostinho Fernandes
Asst. Admn. Officer



Smt. Sneha S. Arlekar
Assistant



Administrative Staffs ...



Smt. Pratibha Sawant
Assistant



Smt. Sohini S. Sawant
Assistant



Smt. Tarika Maulingkar
Personal Assistant



Shri. Vinod D. Pagi
UDC



Km. Chitra A. Madkaikar
LDC



Shri. Tushar Ranjan Mangaraj
LDC



Shri. Vyas Hiren Kumar
LDC



Shri. Vikrant Gupta
LDC



Administrative Staffs ...

Skilled Support Staff



Km. Bushra Zakir Ansari
Stenographer Gr. III



Shri. Raghava Kiran Kumar G.
Stenographer Gr. III



Km. Sujata S. Kamble
LDC



Shri. Subhash Mellekar
Skilled Support Staff



Smt. Rukma R. Naik
Skilled Support Staff



Shri. Dhaku Nuno Kankonkar
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Shri. Dugu G. Kandeparkar
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Shri. Ashok Nanu Gadekar
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Skilled Support Staff



Smt. Farida B. Jabbar Khan
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Shri. Ravi S. Kadam
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Shri. Chimmu D. Tivrenkar
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Shri. Umakant Haldankar
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Shri. Anil G. Khandeparkar
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Smt. Maria Suxila Dias
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Shri. Giri Tanu Madkaikar
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Shri. Gokuldas Kaskar
Skilled Support Staff



Skilled Support Staff



Shri. Umesh Marcelkar
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Shri. Vithal Parwar
Skilled Support Staff



Smt. Prafulla Khandeparkar
Skilled Support Staff



Smt. Rekha U. Naik
Skilled Support Staff



Smt. Lalita Naik
Skilled Support Staff



Smt. Pratibha Folkar
Skilled Support Staff



Shri. Vilas P. Gaonkar
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Shri. Prabhakar B. Gaonkar
Skilled Support Staff



Skilled Support Staff



Shri. Sitaram G. Kunkolekar
Skilled Support Staff



Smt. Janika S. Shirodkar
Skilled Support Staff



Shri. Shanu G. Velip
Skilled Support Staff



Shri. Nitin J. Naik
Skilled Support Staff



Shri. Mayur N. Mandrekar
Skilled Support Staff



Smt. Swati R. Khandeparkar
Skilled Support Staff



Shri. Prallad H. Zambaulikar
Skilled Support Staff



Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

HONOURS AND

Accolades





Honours and Accolades

Awards

- ✦ ICAR Research Complex for Goa is awarded with ISO 9001: 2008 International Certification Services Pvt. Ltd has awarded ISO 9001:2008 to ICAR Research Complex for Goa for the quality management system applicable to the scope of Research, Development, Training and Advisory Services in the field of Agriculture, Horticulture, Animal and Fishery Sciences with a registration No. RQ91/8383 w.e.f. 29th July, 2013.
- ✦ Pragya Hindi magazine (2012-13) of the Institute bagged the first position for Ganesh Shankar Vidyarthi award by ICAR.
- ✦ Sports Award 2014 - West Zone Sports Tournament 2014 at ICAR -CAZRI, Jodhpur, Rajasthan
 - First place in Men's Relay (4×100 m)
 - Second place in Football and Volleyball
 - Dr. M. J. Gupta - Overall champion women's - (1st place - 100 mtrs race, Discus throw, Badminton singles; 2nd place - 200 mtrs race, high jump, shotput, javellin throw.

Scientific Awards

- ✦ R.N.S. Sundaram and E.B. Chakurkar have been awarded "Fakhrudin Ali Ahmed Award" for Outstanding agricultural research in tribal areas for the biennium 1996-97 by ICAR for their outstanding research contribution in the field of Animal Science.
- ✦ S.B. Barbuddhe has been conferred with the "Young scientist award" of the National Academy of Agricultural Sciences for the year 1997-98 for his outstanding contributions in the field of Animal Sciences.
- ✦ Dr. S.B. Barbuddhe Senior scientist (VPH) was awarded Biotechnological Overseas Associateship award to undergo training abroad in the area "Basic Research in New Biology and Biotechnology including : Genomics, bioinformatics and basic biological phenomena with potential application" to work on "Molecular characterization of virulence factors of Listeria" at Institute for Medical Microbiology, Justus-Liebig University, Frankfurter stresses 10735392 Giessen, Germany for a period of one year during 2006-07.
- ✦ Dr. K.N. Mohanta, Senior Scientist (Fishery Science) received the ICAR Award for outstanding Interdisciplinary Team Research in Agriculture and Allied Science for the Biennium 2005-06, from Ministry of Agriculture, Government of India.
- ✦ Dr. K.N. Mohanta, Senior Scientist (Fishery Science) was awarded the Young Scientist Associate Award 2009 in Fish and Fisheries Science by Bioved Research and Education Society, Allahabad, U.P on 12th February 2009.



- ✦ Dr. K.N. Mohanta, Senior Scientist (Fishery Science) was awarded DBT Overseas Fellowship (Six month) by Department of Biotechnology, Ministry of Science and Technology, Government of India to carry out the Advance Research in Aquaculture Biotechnology at INRA, France during 2008-09.
- ✦ V.S. Korikanthimath (Director, ICAR Research Complex for Goa) and Dr. S. Manivannan, Senior scientist (Soil and Water Conservation Engineering) were awarded Vasantrya Naik award for outstanding research applications in dry land agriculture by ICAR, New Delhi.
- ✦ Dr. P.K. Naik was awarded Dr. K. Pradhan Young Scientist Award in the field of Animal Nutrition and Feed Technology by Animal nutrition Society of India for the biennium 2007-09.
- ✦ Dr. Narendra Pratap Singh Awarded the Bharat Excellence Award for outstanding and extra-ordinary achievements in the chosen field of activity and services rendered to promote greater friendship and Indian International Co-operation received in the hands of Dr. Randhir Chowdhury, Ex. Governor of Sikkim on 29th March, 2014 at New Delhi.
- ✦ Dr. Gopal R. Mahajan awarded Dr. S. P. Raychaudhari Gold Medal award of Delhi Chapter of Indian Society of Soil Science, New Delhi for Ph.D. research work carried out at Indian Agricultural Research Institute, New Delhi.
- ✦ Dr. Gopal R. Mahajan awarded ISSS Best Doctoral Research Presentation Award 2013 during 78th Annual Convention of ISSS during 23-27th, October, 2013 held at CAZRI, Jodhpur.
- ✦ Dr. Gopal R. Mahajan Awarded second prize in nitrogen category in the International Plant Nutrition Institute's (IPNI) 2013 photo contest for crop nutrient deficiency symptoms.

Degree Awards

- ✦ B.K. Swain has been conferred with "Best Ph.D. student award" for the year 1995-96 by Indian Veterinary Research Institute, Izatnagar.
- ✦ Shri. R. Ramesh, Scientist (Pl. Pathology) was awarded Ph. D. degree in Plant Pathology by the Tamilnadu Agriculture Universty, Coimbtore during 2000.
- ✦ Dr. A.V. Nirmale, Training Associate (Animal Science) was awarded Masters Degree in Veterinary Science by University of Agricultural Sciences, Dharwad during 2000-2001.
- ✦ Dr. B.L. Manjunath, Scientist Sr.scale (Agronomy) was awarded Ph.D. degree in Agronomy by the University of Agriculture Science, Dharwad during 2001-2002.

- ✦ Dr. E.B. Chakurkar, Scientist Sr. Scale. (Animal Reproduction), was awarded Ph.D. degree in veterinary Sciences by Bala Saheb Krishi Vidhyapith, Dapoli during 2001-2002.
- ✦ Dr. K.N. Mohanta, Scientist Senior Scale (Fisheries Science) was awarded Ph. D degree in Inland Aquaculture from Central Institute of Fisheries Education, Mumbai during 2005-06.
- ✦ Dr. M. Thangam, Scientist (Horticulture) was awarded Ph.D degree in Horticulture, by the Tamilnadu Agriculture Universty, Coimbtore during 2004-2005.
- ✦ Dr. A.R. Desai, Scientist-SS (Horticulture) was awarded Ph.D degree in Horticulture, by the University of Agricultural Sciences, Dharwad, during 2008-2009.
- ✦ Dr. S. Priya Devi, Scientist (Horticulture) was awarded Ph.D degree in Fruit Science by Tamil Nadu Agricultural University, Coimbatore during 2009-10 and also received Dr.K. Balaraman Gold Medal for best PhD thesis in Horticulture in 2010.
- ✦ Dr. Safeena S.A was awarded Ph.D degree in Horticulture by University of Agricultural Sciences, Bengaluru during 2012-13.
- ✦ Gopal Mahajan was awarded Ph. D degree in Soil Science and Agricultural Chemistry by Indian Agricultural Research Institute, New Delhi during 2012-13.

Seminar / symposia/ workshop etc

- ✦ Paper on “Fisheries production in saline areas of West coast region”, by S. Subramanian was adjudged as the best poster presentation in the Aquatic Resources Management Sessions of the National Conference on Coastal Agriculture Research held at ICAR Research Comlex, Goa during 6 to 7th April, 2002.
- ✦ Paper on “Nutritional Security by Utilizing bio-diversity – under exploited edible fruit species of Goa” Dr. S. Priya Devi was adjudged the best poster presentation in National Conference on Coastal Agriculture Research held at ICAR Research Comlex, Goa during in 6 to 7th April, 2002.
- ✦ Dr. M. Thangam, Scientist (Horticulture) received best oral presentation award, for research paper entitled, “Under-utilized fruits of Goa” at Loyola College, Chennai during 2002-03.
- ✦ Dr. B.L. Manjunath, Senior scientist (Agronomy) received Best Poster Award for the research paper entitled “Recycling of organic manurial Resources in Rice Based Farming System” by Indian society of Agronomy during National symposium on Resource Conservation and Agricultural Productivity held at Punjab Agricultural University, Ludhiana during 22 to 25th November, 2004.



- ✦ Dr. B. K. Swain, Senior Scientist (Poultry Science) received best poster presentation award for the research paper entitled “Effect of different vegetable protein sources on the performance and Immunity of growing chicks” at the 24th Annual Conference of Indian Poultry science Association and National seminar on “Poultry production for rural employment and Nutritional security” at GADVASU Ludhiana, Punjab during 2007-08.
- ✦ Oral presentation entitled “Pregnancy diagnosis by ultrasonography and vaginal biopsy in sows” by M.B. Devrukhkar, S.U. Gulavne, S.A. Bakshi, E.B. Chakurkar, R. S. Nehate and S.R. Chindarkar received best presentation award in National Seminar on recent trends and future strategies for improved reproduction of livestock, companion and wild animals, held at Veterinary College Bangalore during 11 to 13th December-2008.
- ✦ Dr. R. Ramesh, Senior Scientist (Plant Pathology) was awarded first prize for poster presentation for the paper “Diversity of *Ralstonia solanacearum* infecting solanaceous vegetables” at the National symposium on perspective in the plant health management held during December 14 to 16th, 2010 at AAU, Anand, Gujarat, India.
- ✦ Dr. R. Ramesh, Senior Scientist (Plant Pathology) was awarded first prize for oral presentation for the paper “Genetic diversity of *Ralstonia solanacearum* from Goa” and first prize for poster presentation for the paper entitled “Antagonistic and growth promotion activity of xylem residing bacteria isolated from eggplant and chilly” at the National symposium on “Microbial diversity and its applications in health, agriculture and industry” held during March 4 to 5th, 2011 at ICAR RC for Goa, Goa, India.
- ✦ Mrs. S. A. Safeena, Scientist (Horticulture) was awarded the best poster award for the paper “Post harvest management of *Lilium* cut flower cultivars for enhanced vase life under coastal humid condition of Goa” during Fourth Indian Horticulture Congress during 2010 at New Delhi.
- ✦ A.R. Desai, Narendra Pratap Singh and V S Korikanthimath were awarded Best Oral Presentation award for the paper ‘Promising cashew (*Anacardium occidentale* L) selections from coastal state of Goa’ in the “National Symposium on Cashew: Challenges and Opportunities for cashew Promotion in India” held at Shimoga, Karnataka by the University of Agricultural and Horticultural Sciences, Shimoga, during 28 to 30th Oct. 2013.
- ✦ Adavi Rao Desai and Narendra Pratap Singh were awarded Best Oral Presentation award for the paper “Characterization of Local Genetic Resources of Nutmeg (*Myristica fragrans* Houtt)” in the “National Conference on Spices: Recent Advances and Future Strategies in Spices” held at Shimoga by University of Agricultural and Horticultural Sciences, Shimoga, Karnataka during 19 to 21st Dec. 2014.
- ✦ Dr. Prafulla Kumar Naik was awarded Best Oral Presentation Award for presenting the research paper Effect of Feeding Hydroponics Maize Fodder on Digestibility of Nutrients and Milk Production in Lactating Cows’ in the ‘Feed and Fodder Technology Session’ of the

National Conference on "Current Nutritional Concepts for Productivity Enhancement in Livestock and Poultry" held at Madras Veterinary College, Chennai, Tamilnadu during 29-30th August, 2013.

- ✦ Dr. Prafulla Kumar Naik was awarded Best Oral Presentation Award (Feed & Fodder Technology)-2013, National Conference on Current Nutritional Concepts for Productivity Enhancement in Livestock and Poultry (CNCPELP), TANUVAS, Chennai, India.
- ✦ Dr. Prafulla Kumar Naik was awarded Best Poster Award (Feeding Systems and Feed Informatics)-2014, Global Animal Nutrition Conference (GLANCE-2014) on Climate Resilient Livestock Feeding Systems for Global Food Security, Bengaluru, India
- ✦ Dr. V. Arunachalam Recipient of award as one of top 45 innovations of India Innovation Growth Program 2014 of DST-Lockheed Martin-Stanford Graduate Business School-IC2 Institute University of Texas at Austin-IndoUS Science and Technology Forum-TIE-FICCI.

Recognitions

Guide for M.Sc. and Ph. D degree

- ✦ The Institute was recognised as a Post Graduate Research Centre by the UAS, Dharwad during 1998-99. The following scientists were recognised as post graduate teachers/ guides for the respective disciplines.
 - ♀ D.G. Dhandar - Horticulture
 - ♀ S. Subramanian - Fisheries
 - ♀ H. M. Wasnik - Soil science
 - ♀ R.N.S Sundaram - Animal nutrition
 - ♀ A.R. Desai - Horticulture
 - ♀ E.B. Chakurkar - Animal reproduction
 - ♀ Mani Chellappan - Entomology
 - ♀ S.B. Barbuddhe - Veterinary Public Health
 - ♀ BK Swain - Animal Nutrition
- ✦ ICAR Research Complex for Goa has been recognized as a Centre for PG Research for the Konkan Krishi Vidyapeeth, Dapoli during 1999-2000 and Dr. S.P. Singh, Senior Scientist (Horticulture) was recognized as advisor for M.Sc (Agri.)/Ph.D. degree course in the subject Horticulture during 2006-07.
- ✦ The Institute also signed an MoU with Tamil Nadu Agricultural University, Coimbatore in 2005; Dr. S.P. Singh and Dr. V.S. Korikantimath were recognised as co-guides for Ph.D. students.



- ✦ The Institute is also a centre for Post Graduate studies for students of Goa University. Dr. S.B. Barbuddhe, Senior Scientist (VPH) was recognized as faculty member of Goa University in the subject of Microbiology during 2006-07 and Dr. R. Ramesh Scientist Senior Scale (Plant Pathology) was recognized as a guide for Ph. D degree in Microbiology by Goa University during 2007-08. Dr. S.P. Singh, Sr. Scientist (Horticulture) was recognized as Ph.D. guide in Botany Division of Goa University
- ✦ ICAR Research Complex for Goa also signed MoU with Central Institute of Fisheries Education, Mumbai. Dr. S. Subramanian, Principal Scientist (Fishery Science) and Dr. K. N. Mohanta, Senior Scientist (Fishery Science) were recognized as guides for M.Sc. and Ph. D degree in fishery science during 2007-08.
- ✦ Dr. V. Arunachalam is recognised as Associate Editor-Agriculture –Open access books Program (Versita Publishing, Poland) 2012-13.
- ✦ Dr. V. Arunachalam is recognised as Vice President (Bioinformatics Club for experimental scientists) Bioclues www.bioclues.org (2011-12)

Societies and other recognitions

- ✦ P.G. Adsule was honoured by Association of Food Science Technologist (India) by conferring an award of “Fellow” of AFST for the year 1998 to recognize his outstanding academic records and significant contributions in research and development in Food Science and Technology in the last 24 years.
- ✦ Dr. J.R. Faleiro, Senior Scientist (Agriculture Entomology) participated as resource Person in the Date Palm Regional workshop on “Ecosystem based IPM for Date Palm in the Gulf countries” from 28 to 30th March, 2004 at AL-AIN, United Arab Emirates. Dr. Faleiro was deputed by DARE / ICAR, New Delhi to participate in the above workshop based on the invitation received by him from the FAO Regional Office, Cairo, Egypt.
- ✦ Dr. V.S. Korikanthimath, Director was nominated as the fellow /member of Editorial Committee of Indian Journal of Horticulture, Horticulture Society of India, IARI, New Delhi during 2004-05.
- ✦ Dr. J.R. Faleiro Senior Scientist (Entomology) was nominated as member of the Editorial Committee of Indian Journal of Entomology, Entomological Society of India during 2004-05.
- ✦ Dr. J.R. Faleiro, Principal Scientist (Entomology) presented a key note talk entitled “Management of red palm weevil: Issues and strategies” at fourth date palm symposium on invitation of King Faisal University Al-Hassa, Saudi-Arabia during 2007-08.

- ✦ Dr. E. B. Chakurkar Senior Scientist (Animal Reproduction) was recognized as president, Indian Society for Study of Animal Reproduction during 2007-08.
- ✦ Dr. S. B. Barbuddhe, Senior Scientist (VPH) successfully completed the DBT sponsored Biotechnology Overseas Associateship Programme for one year in Germany during 2007-08.
- ✦ Dr. S. B. Barbuddhe, Senior Scientist (VPH) was felicitated as outstanding Alumnus during Golden Jubilee celebration of Nagpur Veterinary College during 2007-08.
- ✦ Dr. J.R. Faleiro, Principal Scientist (Entomology) completed one month consultancy on the management of red palm weevil for the FAO in Saudi Arabia from 8/1/2008 to 7/2/2008
- ✦ Dr. S. B. Barbuddhe, Received the International Travel grant of DST, Govt. of India to attend XVII International Symposium on Problems of Listeriosis (ISOPOL) held in Porto, Portugal during May 5-8, 2010
- ✦ Dr. P. K. Naik, Awarded Membership of National Academy of Veterinary Sciences (I) on October 30, 2010 by the National Academy of Veterinary Services (I), New Delhi.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa ,Member of the task Force Committee constituted for Review and Restructure of the Biotechnology Policy- 2006, during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Member of Task Force Sub- Committee constituted by Directorate of Industries, Trade & Commerce to prepare a report on the “Development of co-operative sector, farmers clusters, cottage industries, self help groups, *etc* during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Nominee of the Chancellor on the Academic Council of Goa University, during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Member of the Sub- group on Agriculture of the Goa Golden Jubilee Development Council for preparing the Vision Document, Goa – 2035, during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Member of Rashtriya Krishi Vikas Yojna (RKVY) Cell, during 2010-11.



- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Member of State Level Executive Committee (SLEC) for National Horticultural Mission (NHM), during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Member of Managing Committee of the Goa State Medicinal Plant Board, during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Member of the State Level Committee of Coconut Development Board, during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Member of the State Level Committee of Oil Palm Development, during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Member of the State Variety Release Committee, Govt. of Goa, during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Nominee of the Chancellor in the Selection Committees of Life Sciences, Goa University, during 2010-11.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Conferred with Fellow of Society of Extension Education, Agra during 6th National Extension Education Congress held at Goa during 17 to 19th December, 2011.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Participated as an Invited Speaker in the International Conference on Global Food and Nutritional Security: Role of Science and Technology held at Wilton Park, Sussex, United Kingdom during 17 to 20th October, 2012.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Deputed by the ICAR to participate in the NAIP sponsored training programme on Leadership decision Making, Optimizing Organizational Performance conducted by the Harvard Kennedy School Executive Education at Cambridge, Boston, MA United States of America during 29th October to 2nd November, 2012.
- ✦ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Conferred with Fellow of Indian Society of Agronomy for the year 2009 at 3rd International Congress held at IARI, New Delhi during 26 to 30th November, 2012.

- ✧ Dr. S. B. Barbuddhe, Conferred with the Fellow of IAVPH specialists during the National Symposium on “Veterinary Public Health: New Horizon for Integrating the Animal Production, Food Safety and Human Health “organized by Mumbai Veterinary College, Mumbai held during January 28 to 29th, 2011.
- ✧ Dr. S. B. Barbuddhe, Nominated as Member of Board of Studies in Zoology , Goa University during 2011-12.
- ✧ Dr. S. B. Barbuddhe, Deputed to Germany from 13 to 25th February, 2012 to visit Institute of Medical Microbiology, Justus-Liebig University, Giessen to discuss the work carried out under the Indo-German project and to discuss the research activities under ICMR sponsored Indo German project sanctioned jointly to the German Laboratory and MAFSU, Nagpur.
- ✧ Dr. S. B. Barbuddhe, Deputed to Germany during 3 to 16th February, 2013 to visit Institute of Medical Microbiology, Justus-Liebig University, Giessen to discuss the work carried out under the Indo-German project and to discuss the research activities under ICMR sponsored Indo-German project sanctioned jointly to the German Laboratory and MAFSU, Nagpur.
- ✧ Dr. P. K. Naik, presented Technology for research work on ‘A Study on the Preparation and Feeding of By-pass Fat to High Yielding Dairy Animals’ in the 14th Biennial Conference of the Animal Nutrition Society of India at GBPUA&T, Pantnagar during November 3 to 5th, 2011.
- ✧ Dr. A. R. Desai, Participated in the meeting of the Fund Council Reference Group on Harmonization Annual Report held at Paris France during 14 to 15th February, 2013.
- ✧ Dr. Manohara K. K., Attended ‘Molecular breeding’ course at International Rice Research Institute, Philippines (IRRI) during 12 to 23rd November, 2012.
- ✧ Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Conferred ISA Gold medal 2011 by Indian Society of Agronomy, Indian Agricultural Research Institute, New Delhi for outstanding contributions in Agronomy.





Memoirs

**Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute**

WORKSHOPS AND

Programmes





Workshops and Programmes

Seminars, Symposium and Workshop conducted:

- XVI meeting of the ICAR Regional committee number VII was organised by ICAR Research Complex for Goa in collaboration with Department of Agriculture, Government of Goa at the International Centre, Dona Paula, Goa on 21st November 1997. Shri D.G. Narvekar, Minister for Agriculture, Irrigation and Rural development, Government of Goa was the chief guest and Shri Prem Sai Singh Minister of Dairy and Fisheries Government of Madhya Pradesh, graced the occasion. Dr. R.S. Paroda, DG, ICAR, New Delhi had chaired all the sessions and guided the proceedings.
- Meeting of scientific and technical terminology committee (Horticultural section) sponsored by Ministry of Human Resource Development Govt of India was organised by ICAR Research Complex for Goa at Old Goa during 24 to 27th October, 1997.
- ICAR Research Complex for Goa along with its Krishi Vigyan Kendra successfully hosted the visit of parliamentary standing committee on Agriculture comprising of 22 Hon. Member of Parliament headed by Shri Yerriah Naidu on 12th September 1998.
- ICAR Research Complex for Goa along with its KVK successfully hosted the visit of Minister of State for Agriculture, Government of India, Shri Sompal, on 2nd April, 1999.
- ICAR Research Complex for Goa successfully hosted the XV ICAR Inter Zonal Sports Meet at the Prestigious Pandit Jawaharlal Nehru Stadium, Fatorda at Margao from 14 to 17th May, 1999.
- ICAR Research Complex for Goa along with its KVK successfully hosted the visit of Minister of State for Agriculture, Government of India, Shri. Hukum Narayan Yadav on 5th April, 2000 and Dr. Debendra Pradhan and Shri Shripad Naik on 4th November, 2000.
- ICAR Research Complex for Goa organized a Workshop on All India Co-ordinated Research Project on Pigs at the Institute on 17 to 18th March, 2001. Dr. S. C. Chopra, ADG (AP&B), Dr. K. M. Bujrbarauh, Director, NRC Mithun and Dr. G. L. Kaul, P.C. AICRP on Pigs guided the workshop.
- Krishi Vigyan Kendra, ICAR research complex for Goa organized Krishi Mela, on 23rd March, 2001 at the Institute. Shri Ramarao Desai, Honourable Minister for Agriculture, Government of Goa was the chief Guest and Smt. Nirmala Sawant, Local MLA was the Guest of honour.
- ICAR Research complex for Goa along with Association of Food Scientists and Technologist (India), Mysore successfully organized a symposium on “Post Harvest Technologies for Agriculture Produced and Prospectus for the food processing industry in Konkan Region”



at the International Center, Dona Paula, on 23 to 24th November, 2001. Symposium was inaugurated by Dr Anwar Alam DDG (Agril. Enginnering) ICAR, New Delhi in presence of Shri A. Venkataraman, Secretary (Agriculture), Government of Goa and Dr. A.S. Bawa, Director, Defence Food Research Laboratory, Mysore. Valedictory function was attended by Honourable Union Minister of State for Shipping Shri Sripad Naik along with Dr. S.B. Sondhe, Vice Chancellor, Goa University. The symposium was attended by over 100 delegates from State Agricultural Universities, ICAR/CSIR Institute and other organizations.

- ICAR Research Complex for Goa along with Directorate of Agriculture organized a meeting on Floriculture development in Goa at Old Goa on 29th September, 2001. The meeting was headed by Honorable Minister of State for Agriculture, Shri. Shripad Naik, Shri. Ulhas Assnodkar, Deputy Speaker, Government of Goa, Dr. M.L Choudhary, Head, Division of Floriculture and Landscaping, IARI, New Delhi, also participated in the meeting.
- ICAR Research Complex for Goa in collaboration with Ministry of Information and Broadcasting and Petroleum Conservation Research Association organized a workshop on “Save Oil” at Old Goa on 10th October, 2001. Shri Pandurang Raut, Minister of transport, Government of Goa inaugurated the workshop in presence of Shri. R.K.Gupta, Chief Regional Co-ordinator, PCRA, Mumbai and Shri. B.N Sundareshwara, Joint Director, Department of Field Publicity, Maharashtra.
- ICAR Research Complex for Goa successfully organized Krishi Mela at Pilar seminary on 10th April 2001. Shri. Sripad Naik, Hon. Union Minister of State for Agriculture was the chief Guest.
- ICAR Research Complex for Goa organized a National Conference on Coastal Agriculture Research during 6 to 7th April, 2002 at the Institute Conference Hall, Old Goa under the major theme of “Resource Management for sustainable production under Coastal Agro-ecosystem. Conference was inaugurated by Dr. J.S. Samra, DDG (NRM), ICAR, New Delhi in presence of Dr. S. S. Magar, Vice Chancellor, BSKKV, Dapoli, Dr. S. A. Patil, Vice Chancellor, UAS, Dharwad and Dr. V.S. Korikanthimath, Director, ICAR Research Complex for Goa, Old Goa. The conference document entitled, “Extended Summaries” covering 190 research papers was released during the inaugural session. The conference deliberated under four technical sessions viz. i) National Resources Management under Coastal eco system, ii) Biodiversity : Status and prospects under coastal Agro ecosystem, iii) Management of Coastal aquatic environment for sustainable production and iv) Role of information and transfer of technology for effective dissemination of coastal agriculture production technologies. About 150 scientists and experts from ICAR Institutes, State Agriculture Universities, Development departments, Officials from the Spices Board, Cochin and NABARD, Panaji took active part in the conference.
- A National symposium on soil and water conservation measures and sustainable land use system with special reference to the Western Ghats region was organized during 16 to 17th November, 2002 at ICAR Research Complex for Goa, Old Goa. The symposium was inaugurated by Dr. M. V. Rao, Ex, Special Director General, ICAR and presided over by Dr. K. R. Solanki, ADG (AF), ICAR Research Complex for Eastern Region, Patna, Dr. D. G. Dhandar, Director, Central Institute of Arid Horticulture, Bikaner and Dr. V. S. Korikanthimath, Director, ICAR



◀ Visit of Parliamentary Committee

Visit of Parliamentary Committee ▶





ICAR Inter-zonal sports meet conducted in Goa

ICAR Inter-zonal sports meet conducted in Goa



Research Complex for Goa, Old Goa. On the occasion, three publications namely, extended summaries of oral and poster presentations, Institute Annual Report, 2001-02 and Newsletter of the Institute for the quarter January to June, 2002 were released. The symposium deliberated under four major sessions and was attended by 140 delegates from different ICAR Institutes, State Agriculture Universities and development Departments.

- A seminar on Spices Production Technology was organized at the Institute during 20 to 21st December, 2002 in order to impart latest technical knowhow and to enlighten the Goan Spice growers. Seminar was inaugurated by Shri. Dayanand Mandrekar, Honourable Minister for Agriculture, Government of Goa in presence of Dr. Tamil Selvan, Director of Arecanut and Spices Development Board, Calicut, Shri. Waman Khade, Director of Agriculture, Government of Goa, Shri. Koshi John, Director (Development), Spices board, Cochin and Dr. V. S. Korikanthimath, Director, ICAR Research Complex for Goa. About 150 spice growers from Goa participated in the seminar.
- A shrimp farmers meet was held on 6th August, 2002 at the Institute. Special Lectures were delivered by the scientists from CIBA, Chennai. Officials from CMFRI, Cochin, MPEDA, NABARD, Goa Chamber of Commerce along with 80 shrimp farmers' participated in the interactions.
- A Kissan Mela (Farmers meet) on watershed was organized at the Institute on 1st October, 2002. Shri. Dayanand Mandrekar, Honourable Minister of Agriculture, Government of Goa inaugurated the meet in presence of Shri. Waman Khade, Director, Directorate of Agriculture, Government of Goa, Dr. N.P.S. Varde, Director, Department of Science and Technology, Saligao and Shri. Ashok Joshi, Chairman, Goa Bagyatdar, Ponda.
- Indian Society for Spices and ICAR Research Complex for Goa in association with Indian Institute of Spices Research, Calicut organized a National seminar on "New Perspectives in Spices Medicinal and Aromatic Plants" during 27 to 28th November, 2003 at the Institute conference hall. The seminar was inaugurated by Shri. Shripad Naik, Honorable union Minister of state for finance, Government of India in presence of Shri. Dayanand Mandrekar Honorable Minister of Agriculture, Government of Goa Dr. J. S. Sharma DDG (NRM), ICAR, New Delhi Dr. S. S. Magar, VC, Dr.BSKKV Dapoli, Dr. V. A. Parthasarthy Director IISR, Calicut And Dr. V.S. Korikanthimath, President, Indian Society for Spices and Director, ICAR Research Complex For Goa Old Goa. A seminar Document "Abstract/Extended Summary of National Seminar" covering around 200 Research Paper and Proceeding of Previous seminar on Spices 2002 was released during the inaugural session. A website of Indian Society for spices Calicut was also launched during the Occasion. About 200 Scientist and experts from ICAR Institutes, State Agriculture Universities, Development Departments, Official from Spice Board, Cochin and progressive farmers took active part in conference.
- A seminar on "Strategies for control of livestock diseases in Goa Region" was held on 9th April 2003 at the Institute as a part of activity of NATP on "Animal Health Information System through Diseases Monitoring and surveillance" Dr. K. Prabhudas, Project Director, PD-ADMAS, Bangalore was chief guest and and Dr. A. S. Nazareth, Director of AH & VS Government of Goa was guest of Honour. A series



of topics on foot and mouth diseases, leptospirosis, Brucellosis, rabies and status of livestock diseases in Goa region were discussed. About 80 farmers attended the seminar.

- A one day seminar on “Problems of sugarcane cultivation in Goa” was organized on 19th September, 2003 at the Institute in collaboration with Sanjeevani Sugar Factory, Dharbandora. Shri D. S. Negi, IAS, Chief Secretary, Government of Goa was the Chief Guest and Dr. V.Y. Nerkar, Director (Research and Extension), Vasanthadada Sugar Institute, Pune presided over the function.
- A launch and training programme on mussel and edible oyster farming in Goa was held on 21st October, 2003 at the conference hall of the Institute. Shri. Ramkrishna Dhavlikar, Honorable Minister for Fisheries, Government of Goa was the Chief Guest and Shri. Amit Yadav, Secretary for Agriculture, Government of Goa presided over the function. A technical bulletin on mussel farming was released on the occasion and around 70 Fish farmers attended the training.
- A one day seminar on “Problems and prospects of vegetable cultivation in Goa” was organized at the Institute on 5th February, 2004. Shri. D.S. Negi, IAS, Chief Secretary, Government of Goa was the Chief Guest and Shri. Ramesh Joshi, Director of Agriculture, Government of Goa, was the guest of Honour.
- A national Seminar on Agro-eco Tourism, First of its kind in India, was organized by Association for Coastal Agricultural Research on 19 to 20th January, 2005 at ICAR Research Complex for Goa, Ela, Old Goa.
- A seminar on “Strategies for improving dairy animal production and productivity in Goa” was organized by Directorate of Animal Husbandary and Veterinary Services (AH & VS) Govt. of Goa in collaboration with ICAR Research Complex for Goa, Ela, Old Goa on 22nd February , 2005.
- A seminar on “Vanialla in India-aspects and prospects” was organized by Indian Society of Spices, Calicut in Association with Indian Institute of Spice Research, Calicut, at ICAR Research Complex for Goa, Ela, Old Goa, during 2005.
- A national seminar on “Rice and rice based systems for sustainable production” was arranged by the Institute in collaboration with Directortae of Rice Research, Hydrabad, Central Rice Research Institute, Cuttack and Directorate of Agriculture, Government of Goa during 2005.
- A zonal workshop on “Fisheries and Aquaculture Policy: Responsible Fisheries and Sustainable Aquaculture Perspective for West Coast of India”. It was organized by Central Institute of Fisheries Education, Mumbai in collaboration with ICAR Research complex for Goa during 2007.



Workshop on Nutritional Interventions for Sustainable Dairy Production

Seminar on New Challenges in Cashew Production under current trends of climate change





◀ Training on Integrated Pest and Disease Management of Major Spice Crops of Goa

VI National Extension Education Congress ▶



- International seminar on strategies for improving livelihood security of rural poor was organized jointly by ICAR Research Complex for Goa, International Society of Extension Education, Nagpur and Maharashtra Society of Extension Education, Rahuri during 2008.
- A brackish water aqua farmers meet was organised at the Institute on 25th November 2009 by the CIBA, Chennai in collaboration with ICAR Research Complex for Goa and BFFDA, Goa.
- A seminar on improving fertility in dairy animals was organized at this Institute on 14th August 2010 in collaboration with Indian Society for Study of Animal Reproduction, Goa Chapter. Shri Ganesh Koyu, Secretary (AH&VS) Government of Goa was the Chief Guest and Shri Madhav Sahakari, Chairman, Goa State Co-operative Milk Producers Union Curti, Ponda Goa was the Guest of Honour.
- A state level seminar on “New challenges in cashew production under current trends of climate change” was organized at this Institute in collaboration with Directorate of Cashew nut and Cocoa Development.2010.
- A state level workshop for veterinary officers and progressive dairy farmers on “Nutritional Interventions for Sustainable Dairy Production” in Goa was organized at this Institute with the collaboration of ACAR, Goa during 6 to 7th October, 2010. Shri Ravi S. Naik, Hon’ble Minister of AH&VS, Government of Goa was the Chief Guest. Shri S. S. Naik, Director, Department of AH & VS, Goa and Shri Madhav A. Sahakari, Chairman, Goa Dairy were the Guests of Honour. Dr. N. P. Singh, Director presided over the function and Dr. P. K. Naik, Senior Scientist (Animal Nutrition) was the organizing Secretary.
- A National Symposium on Microbial Diversity and its applications in Health, Agriculture and Industry was organized by this Institute during 4 to 5th March, 2011. Shri Rasik Ravindra, Director, NCAOR, Vasco-da-Gama inaugurated the symposium. Prof. D. K. Arora, Director, NBAIM, Mau, U. P. presided over the function. Shri Govind Tiwari, Vice President, United Breweries was the guest of honor. Dr. N. P. Singh, Director, was the Patron and Dr. S.B.Barbuddhe, Senior Scientist (VPH) was the Organizing Secretary.
- A Workshop cum training programme on Floriculture: An attractive prospect for revenue generation in Goa was held at the Institute on 15th April, 2011. Dr. N. P. Singh, Director of the Institute presided over the function. Mr. Satish Tendulkar, Director of the Department of Agriculture, Govt. of Goa and Mr. A. Sandilya, Regional Manager, NABARD, Dr. Anjali Parasnis, Head, Western Region, TERI, Mumbai, Dr.V.Arunachalam, Principal Scientist (Horticulture) and Dr. M. Thangam, Senior Scientist (Horticulture) and Organizing Secretary were also present on the occasion.
- State level training programme on Pest and Disease Management of major spice crops of Goa was held at the Institute on 20th April, 2011. Shri Pratapsingh Rane, Honorable Speaker, Government of Goa, presided over the function and Shri. Shripad Naik Honorable Member of Parliament (North Goa) was the chief guest. Shri. Madhav Sahakari, Managing Director, Goa Dairy was the special Invitee.



- A national workshop on “Molecular subtyping of microbes using Pulsed Field Gel Electrophoresis” was organized at ICAR Research Complex for Goa, Old Goa during 20 to 23th August, 2011.
- An awareness cum training programme on “Cottage Level Food Processing Entrepreneurship Development for Farmers” of Goa was conducted on 4th November, 2011 at ICAR Research Complex for Goa in collaboration with Indian Institute for Crop Processing Technology, Ministry of Food Processing Industries, Thanjavur, Tamil Nadu. About 67 farmers mostly women participated in the training programme. Dr. Mathala Juliet Gupta was the training coordinator and Sh. A. Amudhasurabhi, the coordinator from IICPT, Thanjavur
- Dr. A. K. Singh, DDG (NRM), ICAR, New Delhi inaugurated the ‘Hydroponics Green Fodder Production Unit’ at ICAR Research Complex for Goa, Old Goa in presence of Dr. N.P. Singh, Director, ICAR Goa; Shri S. S. P. Tendulkar, Director, Department of Agriculture, Govt. of Goa; Shri S. Kulkarni, Managing Director, Goa Dairy; other officials of Govt. of Goa, Goa Dairy, progressive dairy farmers, scientist and staff members of the Institute on 19th December, 2011. ICAR Research Complex for Goa organized the 6th National Extension Education Congress 2011 (NEEC 2011) under the aegis of Society of Extension Education, Agra during 17 to 19th December, 2011.
- An awareness programme on “Clean milk production and foodborne Infections” was organized under the aegis of a project sponsored by Department of Biotechnology, Government of India under societal development programme on “Approaches towards combating zoonotic and foodborne infections through community participation” at ICAR Research Complex for Goa, Old Goa in collaboration with Goa State Cooperative Milk Producers’ Union Ltd., Curti on 26th October, 2012.
- Agricultural machinery and technologies suitable for Goa were brought from CIAE Bhopal and CIAE Regional Centre, Industrial Extension Programme, Coimbatore. Various Agricultural equipment manufacturers and dealers displayed their products in the exhibition ICAR Research Complex for Goa, Old Goa organized an Interactive session on “Human Resource Development” and opportunities in Agriculture and allied sectors on 23rd October, 2012 to enlighten the youth about entrepreneurship development in agriculture and allied sectors.
- Twenty second meeting of Regional Committee VII hosted by ICAR Research Complex for Goa, Old Goa was inaugurated at International Centre Goa on 9th November, 2012. Honourable Governor of Goa, Shri Bharat Vir Wanchoo, inaugurated the meeting.
- The 10th National Symposium on Biotechnological approaches for Plant Protection: Constraints and Opportunities was held at the Institute on 27 to 29th January 2013 in collaboration with Society of Plant Protection Sciences, New Delhi. Honourable Governor of Goa, Shri. Bharat Vir Wanchoo inaugurated the symposium. He emphasised that the challenges in agriculture are major and scientific methods are important to solve these issues so that higher growth rate in agriculture can be achieved in future.



**Workshop cum Training on Floriculture:
An attractive Prospect for Revenue Generation in Goa**

**Awareness Training on Cottage Level Food Processing
Entrepreneurship Development for Farmers** 





◀ Awareness Programme on
Clean Milk Production and Foodborne Infections

Workshop cum Exhibition on Agricultural Mechanization
for Small Marginal Farmers of Goa ▶



- An awareness training cum demonstration on Value addition in Jack and kokum fruits was conducted at ICAR Research Complex for Goa on 3rd April 2013. This programme sponsored by Tribal Sub Plan, was conducted exclusively for the benefit of tribal folk.
- Training cum demonstration on Value addition in Jack fruit was conducted at ICAR Research Complex for Goa on 15th to 16th April 2013. This programme was conducted for the benefit of rural folk of Goa.
- The 29th Annual workshop of National Network Research Project on Arid Legumes was held from 24 to 26th May 2013 at ICAR Research Complex for Goa. Shri. Hage Khoda, Secretary (Agriculture), Govt. of Goa inaugurated the Annual Workshop. Dr. B. B. Singh, Assistant Director General (Oilseeds & Pulses); Prof. B. B. Singh, Visiting Professor, GB Pantnagar University of Agricultural Sciences; Shri. U. B. Kakode, Director, Directorate of Agriculture, Govt. of Goa; Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa and Dr. A. Henry, Nodal Scientist, NNRP on Arid legumes were present on the occasion.
- A Refresher Training and Distribution of Processing Machinery for Value Addition in Jack and Kokum fruits was conducted in the Institute on 14th June 2013. The chief guest of the function was Mr Shripad Naik, Hon Member of Parliament, North Goa. The other Guests of Honour were Mr. Vishnu Wagh, Hon. Member of Legislative Assembly, St. Andre Constituency and Mr.Subhash Phal Desai, Hon. Member of Legislative Assembly, Sanguem Constituency.
- An installation cum demonstration training on Post harvest and processing of Jackfruit was conducted on 27th June 2013 in Netravali village of Sanguem Taluka, a proposed Model village of Goa as per Govt of Goa programme.
- Short term Course on "Integrated farming systems for small and marginal farmers". A ten days National level training program on "Integrated farming systems for small and marginal farmers" was organized at ICAR Research Complex for Goa. The Training Programme was inaugurated on 4th June, 2013 by Dr. Narendra Pratap Singh, Director. In his address, he indicated the importance and genesis of Integrated Farming System Research and emphasized the need for System approach in the context of fragmented land holdings both in Goa and other parts of the country.
- International Symposium on Problems of Listeriosis The eighteenth International Symposium on Problems of Listeriosis (ISOPOL XVIII) was organized by the Institute. The symposium was inaugurated by Shri. Bharat Vir Wanchoo, Hon'ble Governor, Goa in presence of Dr. Alok Kumar Sikka, DDG (NRM), ICAR, New Delhi, Dr. N.P. Singh, Director, ICAR Complex for Goa, Dr. A.M. Paturkar, President, Indian Association of Veterinary Public Health Specialists and Dr. S.B. Barbuddhe, Convener of ISOPOL, 2013.
- A "Scientist-Extension Personnel- Farmers Interface Meeting on Scientific Coconut and Arecanut Farming" was organized by ICAR Research Complex for Goa, Old Goa and KVK (North Goa) in collaboration with Central Plantation Crops Research Institute (CPCRI), Kasargod on 7th November, 2013.



- Commercialization of Technology for Indigenous Production of Bypass Fat. A Memorandum of Agreement (MoA) was signed for commercialization of the technology for 'production of bypass fat indigenously for dairy animals' between ICAR Research Complex for Goa, Old Goa and Jeevansanjivani Rural Development Foundation, Govind Dairy Campus, Phaltan, Satara, on 9th December, 2013.
- ICAR and CAZCAR sign MoU. ICAR Research Complex for Goa, Old Goa and CAZCAR Heritage Distillers, Mapusa signed Memorandum of Understanding (MoU) for research on improvisation of traditional process of fermentation of cashew apple juice for feni production on 17th December, 2013.
- An awareness programme on "Animal Health and hygienic production of milk" was organized by ICAR Research Complex for Goa under Tribal Sub Plan or programme in collaboration with Goa State Cooperative Milk Producers' Union Ltd., Curti on 18th February, 2013 at Ambulim village, Quepem. Shri Rajan Naik, MLA was the "Chief Guest" for the function.
- A workshop on "Methods for isolation of Listeria monocytogenes from foods and clinical samples" was organized at ICAR Research Complex for Goa, Old Goa under the aegis of Centre of Excellence and Innovation in Biotechnology project on "Translational Centre for Molecular Epidemiology of Listeria monocytogenes (TranceLis) sponsored by Department of Biotechnology, Government of India on 28th February and 1st March, 2014.
- Training on Artificial Insemination in pigs was organized on 24th February 2014, as a part of DBT project "Augmentation of rural pig production for socio-economic upliftment of the rural poor in Goa through artificial insemination".
- The Institute participated in Krishi Vasant 2014, the biggest ever agricultural exhibition, held at CICR, Nagpur during 9 to 13th February, 2014. A team of scientists, subject matter specialists and technical officers led by Dr. Narendra Pratap Singh, Director participated in the event. On 9th February, 2014, Dr. S. Ayyappan, Secretary, DARE and Hon. Director General, ICAR, New Delhi visited the stall.
- A Training programme on finfish cage culture and bivalve farming was conducted by the fisheries section of ICAR Research Complex for Goa in collaboration with Karwar Research Centre of CMFRI on 11 to 12th February 2014. About twenty farmers and entrepreneurs from different parts of North and South Goa participated in the programme.
- A farmer's training-cum-awareness programme on the 'Protection of Plant Varieties and Farmers Right Act 2001' was organized by ICAR Research Complex for on 25th March, 2014. The training programme was inaugurated by Dr. N. D. Jambhale, Ex. ADG (Seeds), ICAR New Delhi. Shri P. Tufani, Director, Dept of Agriculture was the Guest of Honour. Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa presided over the function.



Institute Foundation Day Celebration

XXX Biennial Workshop on Integrated Farming System





Celebration of World Zoonoses Day

XXII Meeting of Regional Committee VII



- “National Level Training Programme on Cashew Production and Processingz Technologies” was jointly organized by ICAR Research Complex for Goa in collaboration with Directorate of Cashewnut and Cocoa Development, Kochi, Kerala during 22 to 24th, April 2014. The programme was inaugurated by Shri Bharat Vir Wanchoo, the Honourable Governor of Goa.
- Diagnosis of insect pests and diseases of plantation and spice crops of Goa” was conducted by ICAR Research Complex for Goa, Old Goa on 25th April, 2014. Over 50 people participated in the programme. The participants include zonal agricultural officers, agricultural officers from Directorate of agriculture, extension personnel from NGOs, Private companies and progressive farmers from Goa. Detailed presentation and deliberations were conducted during the training by Dr. R. Ramesh, Senior Scientist (Plant Pathology) and Dr. R. Maruthadurai, Scientist (Agricultural Entomology), the course coordinators.
- A training and demonstration programme for dairy farmers of Goa was held at ICAR Research Complex for Goa, Old Goa on 23rd May 2014 under the Rashtriya Krishi Vikas Yojana (RKVY) funded project ‘Production and supplementation of bypass fat to dairy animals for enhancement of milk production and livelihood security of dairy farmers of Goa’.
- ICAR Research Complex for Goa organised a training entitled, “Training on Jack fruit: Value Addition as an enterprise for farm women”, from 25 to 27th June 2014, under the Project, “Empowering Tribes of Goa with post harvest machinery for processing and value addition in minor fruits’. This training programme was funded by Tribal Sub-Plan, Ministry of Tribal Welfare, Govt. Of India.
- A programme on distribution of machineries to tribal farmers was held on 5th July 2014, which was graced by Chief guest Mr. Narendra Sawaikar, Hon’ble M.P. South Goa. Distribution of farm machinery viz. 12 Power tillers (13 Hp), 6 Power tillers (9 Hp) with all accessories including Mould board plough, cage wheels, rotavator, cultivator etc. and 6 mini rotary tillers, besides five sets of processing equipment viz., Jackfruit cutting machine, jackfruit Chips cutter, kokum cutting Machine, Electric Cabinet dryer, Mini mill, sealing machine, wet-grinder and utensils and cutlery and also sewing machines was done by the Chief guest.
- The Ninth National Symposium on Noni Research “Noni Search-2014” was held at the International centre, Goa during 27 to 28th September, 2014. The symposium was inaugurated by Mrs. Mridula Sinha, Hon. Governor of Goa. The inaugural session was presided over by Dr. K. E. Lawande (Vice Chancellor, Dr.BSKKV, Dapoli) and Dr. R. R. Hanchinal, (Chairman, Protection of Plant Variety and Farmers Right Authority, New Delhi) delivered a lecture on legislation of Biodiversity and Protection of Plant Variety and Farmers Right.



◀ *X National Symposium on
Bio-Technological Approaches for Plant Protection*

*An awareness training cum demonstration on
Value addition in Jack and kokum fruits* ▶





◀ Training cum demonstration on Value addition in Jack fruit

XXIX Annual Workshop of National Network Research Project on Arid Legumes ▶





◀ *A Refresher Training and Distribution of Processing Machinery for Value Addition in Jack and Kokum fruits*

An installation cum demonstration training on Post harvest and processing of Jackfruit ▶





◀ ISOPOL XVIII International Symposium on Problems of Listeriosis

National Level Training on Integrated Farming Systems for Small and Marginal Farmers ▶





◀ Training on Artificial Insemination in Pigs

Institute participated in Krishi Vasant 2014 ▶





◀ Training cum Awareness Programme on Protection of Plant Varieties & Farmers Right Act 2001

National Level Training Programme on Cashew Production and Processing Technologies ▶





◀ *Training on Diagnosis of Insect Pests and Diseases of Plantation and Spice Crops of Goa*

Training and Demonstration Programme for Dairy Farmers ▶





◀ Training on Jackfruit:
Value Addition as an Enterprise for Farm Women

Natioanl Symposium on Noni Search 2014 ▶







Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

COMMITTEES OF

*Institute Since
Inception*





Institute Management Committees of ICAR RC, Goa since 1991
1st IMC of ICAR RC, Goa (1991-1994)

S. No.	Name and Designation	Status
1.	D.G. Dhandar, OSD	Chairman
2.	Dr. K.L. Chadha, DDG (Hort) ICAR	Chairman
3.	Shri. C.X. Menezes, Director of Agriculture	Member
4.	Shri. C.N. Budhodakar, Deputy Director (Hort.)	Member
5.	Dy. Director (Hort.), Govt of Kudal	Member
6.	Dr. R.T. Gunjate, Associate Director RFRS	Member
7.	Shri. Narayan Naik, Taleigao, Goa	Member
8.	Fr. Inacio Almeida, Pilar Seminary	Member
9.	Dr. K.D. Patil, P.S.(Plant Physio.), ICAR RC	Member
10.	Dr. A.R. Bhattacharya, P.S. (Animal Reproduction.)	Member
11.	Dr. S. Subramanian, Senior Sci. (Fishery Sci.)	Member
12.	Dr. P.K. Desai, Director of Agriculture	Member
13.	Shri. C.M Dias, AO, NIO, Dona Paula	Member
14.	Shri. S. Chander Rao, Scientist (Plant Pathology)	Member
15.	Dr. P. Rethinam, ADG (PC)	Member
16.	Shri. R.J. Manohare, Dist. Hort. Nursery officer	Member
17.	Shri. A. Muthukaruppan, Accounts Officer, NIO	Member
18.	Dr. N.S Nair, Scientist	Member
19.	Shri. R.G. Joshi, Director of Agriculture	Member
20.	Dr. D.P. Sanke, (Hort.) RFR Station, Vengurla	Member
21.	Shri. A.V Shankarankutty, AAO, ICAR RC	Member Secretary
22.	Shri. S. Somasekharan Nair, AAO, ICAR RC	Member Secretary

2nd IMC of ICAR RC, Goa (1995-1997)

S. No.	Name and Designation	Status
1.	Dr. N.S. Nair, Scientist, ICAR, RC, Goa	Chairman
2.	Dr. R.N. Pal, ADG (PC), ICAR Krishi Bhavan, New Delhi.	Chairman
3.	Dr. P. Rethinam, ADG (PC), ICAR, New Delhi	Chairman
4.	Dr. S.V. Desai, Dy. Director (PG), Dept. of Agriculture, Panaji	Member
5.	Dr. Nair, Dy. Dir AHUS	Member
6.	Shri. A.P. Shenoy, Asst. Finance & AO	Member
7.	Shri. Faneedra Nath, AE CPWD	Member
8.	Dr. P.A. Mathew, Scientist, ICAR, RC, Goa.	Member
9.	Shri. Hawaldar, Director of Agriculture, Govt. of Goa.	Member
10.	Dr. A.V. Nirmale, KVK, ICAR, RC, Goa	Member
11.	Mrs. Sunetra M. Talaulikar KVK, ICAR, RC, Goa	Member
12.	Shri. Ramesh Joshi, Dy. Dir. Agriculture,	Member
13.	Shri. Tomy Thomas, New Delhi	Member
14.	Dr. Hulmani N.C., Prof head UAS, Dharwar	Member
15.	Dr. B.L. Manjunath, Scientist, ICAR, RC, Goa	Member
16.	Shri. Ramalinga Reddy, NCL Management of Hyderabad	Member
17.	Shri. S.K. Patan, Finance & AO, CIFE, Bombay	Member



18.	Dr. R.N.S. Sundaram, Scientist, ICAR RC, Goa	Member
19.	Dr. D.G. Dhandar, ICAR, RC, Goa	Member
20.	Shri. M.S. Balbatti, Farm, ICAR RC, Goa.	Member
21.	Shri. J.P. Irraker, JE- CPWD, ICAR, Old Goa.	Member
22.	Shri. Purushothaman, AE, CPWD, Goa	Member
23.	Shri. P.N. Shukla, Dy. Dir of Agriculture	Member
24.	Dr. E.B. Chakurkar Scientist, ICAR RC, Goa	Member
25.	Dr. A.R. Desai Scientist, ICAR RC, Goa	Member
26.	Dr. P.N. Shukla Dy. Director (Agronomy) Directorate of Agriculture, Panaji	Member
27.	Shri. S. Sadashiva AAO, ICAR RC, Goa.	Member Secretary
28.	Dr. S. Subramanian, Senior Sci. (Fishery Sci.) & AAO I/C, ICAR RC, Goa	Member Secretary

3rd IMC of ICAR RC, Goa (1998-2000)

S. No.	Name and Designation	Status
1.	Dr. R.N. Pal, ADG (PC), ICAR Krishi Bhavan, New Delhi	Chairman
2.	Dr. D.G. Dhandar, Director, ICAR RC, Goa	Member
3.	Dr. S.Subramanian, Scientist, ICAR RC, Goa	Member
4.	Dr. R.N.S. Sundaram, Sr. Scientist, ICAR RC, Goa	Member
5.	Dr. Mani Chellappan, Scientist, ICAR RC, Goa	Member
6.	Dr. P.S. Pathak, ADG, AF, ICAR, New Delhi	Member
7.	Shri. S.K. Pathak, AO, CIFE, Bombay	Member
8.	Dr. A.R. Desai Scientist, ICAR RC, Goa	Member
9.	Shri. S. Sadashiva AAO, ICAR RC, Goa.	Member
10.	Shri. A.P. Shenoy AF & AO, ICAR RC, Goa	Member
11.	Mrs. Sunetra M. Talaulikar KVK, ICAR RC, Goa	Member
12.	Dr. B.L. Manjunath, Scientist, ICAR RC, Goa	Member
13.	Dr. A.R. Desai, Scientist, ICAR RC, Goa	Member
14.	Dr. P.G. Adsule, Principal Scientist, ICAR RC, Goa	Special Invitee
15.	Dr. B.K. Swain, Scientist, ICAR RC, Goa	Member
16.	Shri. M.S. Balbatti, ICAR RC, Goa.	Member
17.	Shri. R.A. Parashar AF & AO, ICAR RC, Goa	Member Secretary
18.	Dr. S.B. Barbuddhe, Scientist, ICAR RC,Goa	Member Secretary

4th IMC of ICAR RC, Goa (2001-2003)

S. No.	Name and Designation	Status
1.	Dr. P.G. Adsule, I/C Director	Chairman
2.	Dr. V.S. Korikanthimath, Director	Chairman
3.	Dr. Fernando Furtado, Dy Director (SLBP) AH & Vet services	Member
4.	Dr. K.R. Solanki, ADG, New Delhi	Member
5.	Dr. Krishna B. Lavekar, Associate Professor	Member
6.	Dr. G.S. Suliker (Retd.) Professor	Member
7.	Dr. P.D. Sharma, ADG (Soils), ICAR, Krishi Bhavan, New Delhi	Member
8.	Dr. S.B. Barbuddhe, Scientist, ICAR RC, Goa	Member
9.	Dr. S. Manivannan, Scientist, ICAR RC, Goa	Member
10.	Dr. S. Priya Devi, Scientist, ICAR RC, Goa.	Member
11.	Dr. J.R. Faleiro, Sr. Scientist, ICAR RC, Goa	Member
12.	Shri. V.Y. Gaonkar, Training Org I/C KVK, ICAR RC, Goa	Special Invitee
13.	Shri. Mohan A. Amshekar President, BJP Kisan - Morcha	Member
14.	Dr. S.K. Pathak, ADG, AF, ICAR RC, New Delhi	Member

15.	Dr. R.N.S. Sundaram, Sr. Scientist, ICAR RC, Goa	Member
16.	Shri. A.T. Mamlekar, AF & AO	Member
17.	Dr. H.M. Wasnik, Sr. Scientist, ICAR RC, Goa	Special Invitee
18.	Dr. S. Subramanian, Scientist ICAR RC, Goa	Member
19.	Dr. A.R. Desai Scientist, ICAR, RC, Goa	Member
20.	Shri. M.S. Balbatti, ICAR RC, Goa.	Special Invitee
21.	Shri. R.A. Parashar AF & AO, ICAR RC, Goa	Member Secretary



5th IMC of ICAR RC, Goa (2004-2006)

S. No.	Name and Designation	Status
1.	Dr. V.S. Korikanthimath, Director	Chairman
2.	Dr. K.R. Solanki, ADG, New Delhi	Member
3.	Dr. V.D. Deshmaker, ADA, Dy. Dir. of Agriculture, Govt. of Goa	Member
4.	Dr. V.S. Kakati, Pr. Scientist, Karwar	Member
5.	Dr. S. Lingappa, Director of Research, UAS, Dharwad	Member
6.	Dr. N.D. Jambhale , Director of Research	Member
7.	Dr. V.S. Kakati, Officer in charge, CMFRI Research Centre, Karwar	Member
8.	Shri. R.N. Adhekari, Head, CSWCRI Research Centre	Member
9.	Shri. Srikant Joshi, Panaji	Member
10.	Dr. P.K. Mishra, Head, CSWCRI, Research centre	Member
11.	Shri. M.S. Balbatti, ICAR RC, Goa.	Member
12.	Mrs. Maria Teresa Nigli, AAO (Stores), ICAR, RC, Goa	Member
13.	Dr. R.N.S. Sundaram, Pri. Scientist, ICAR RC, Goa	Member
14.	Dr. B.L. Manjunath, Sr. Scientist, ICAR RC, Goa	Member
15.	Shri. M.K. Mulani, AF & AO, ICAR RC, Goa	Member

16.	Shri. K.R. Naik, AAO, ICAR RC Goa	Member
17.	Dr. S.Subramanian, Pr. Scientist ICAR RC, Goa	Member
18.	Dr. R. Ramesh, Scientist, ICAR RC, Goa	Member
19.	Shri. Larry Barreto, Asst. Dir. of Agriculture, Govt. of Goa	Member
20.	Dr. S. Priya Devi, Scientist, ICAR RC, Goa	Member
21.	Shri. V.Y. Gaonkar, Training Org I/C KVK, ICAR RC, Goa,	Member
22.	Dr. J.R. Faleiro, Scientist, ICAR RC, Goa	Member Secretary

6th IMC of ICAR RC, Goa (2007-2009)

S. No.	Name and Designation	Status
1.	Dr. V.S. Korikanthimath, Director, ICAR RC, Goa	Chairman
2.	Dr. R.S. Biradar, Principal Scientist, CIFE, Mumbai	Member
3.	Shri. Rajneesh Kumar Singh, CIRCOT, Mumbai	Member
4.	Dr. J.R. Faleiro, Sr. Scientist, ICAR RC, Goa	Member
5.	Dr. Raj Narayan, Programme Coordinator, KVK, ICAR RC, Goa	Member
6.	Dr. P.D. Sharma, ADG, ICAR, New Delhi	Member
7.	Dr. D. Balasinha, Head, CPCRI	Member
8.	Shri. Madhav Sahakari, Curti, Ponda, Goa	Member
9.	Shri. Srikant Joshi, Panaji	Member
10.	Programme Co-ordinator, KVK, South Goa, Govt of Goa, Margao	Member
11.	Shri. V.Y. Gaonkar, Training Org I/C KVK, ICAR RC, Goa	Member
12.	Dr. B.K. Swain, Sr. Scientist,/AF/AO I/c ICAR, RC, Goa	Member
13.	Shri. V.D. Kulkarni, F.S I/c, ICAR RC, Goa	Member
14.	Dr. R. Ramesh, Scientist, ICAR, RC, Goa	Member
15.	Dr. B.K. Swain, AFAO I/c, ICAR RC, Goa	Special Invitee

16.	Dr. S. Subramanian, Pr. Scientist ICAR RC, Goa	Special Invitee
17.	Mrs. Maria Teresa Nigli, AAO, ICAR, RC, Goa	Member
18.	Mrs. Madina Solapuri, T.O, T-5	Member
19.	Dr. B.L. Manjunath, Sr. Scientist, ICAR RC, Goa	Member
20.	Dr. B.B. Jadhav, Dir. of Research	Member
21.	Dr. V.W. Bendale, Associate Dir. of Research	Member
22.	Shri. K.R. Naik, AAO, ICAR RC, Goa	Member Secretary



7th IMC of ICAR RC, Goa (2010-2013)

S. No.	Name and Designation	Status
1.	Dr. N.P. Singh, Director, ICAR RC, Goa	Chairman
2.	Dr. Parag Haldankar, Prof and Head, Dept of Hort, Dr. BSKKV, Dapoli	Member
3.	Dr. B.B. Jadhav, DR, Dr. BSKKV, Dapoli	Member
4.	Dr. A.K. Singh, Head, Division of Fruits, IARI, New Delhi	Member
5.	Shri. P. Tufani, Dy. Dir, (Agri.) Govt. of Goa	Member
6.	Shri. Madhav Sahakari, Curti, Ponda, Goa	Member
7.	Dr. S. Subramanian, Pr. Scientist, ICAR RC, Goa	Member
8.	Dr. A.R. Desai, Sr. Scientist, ICAR RC, Goa	Member
9.	Fr. Almeida, Pilar Education Society, Zagote Farm, Bhironda, Valpoi	Member
10.	Dr. Raj Narayan, Programme Coordinator, KVK, ICAR RC, Goa	Member
11.	Dr. Satish Kulkarni, Head, SRS of NDRI, Bangalore	Member
12.	Shri. V.Y. Gaonkar, Training Org I/C KVK, ICAR RC, Goa	Member
13.	Dr. V. Kripa, Pri.Sci. CMFRI, Kochi	Member
14.	Dr. P.S. Minhas, ADG (SW&M), NRM, New Delhi	Member (ICAR)

15.	Finance and Accounts Officer, CIR-COT, Mumbai	Member
16.	Mrs. Maria Tera Nigli, AAO, ICAR RC, Goa	Member
17.	Shri. K.R. Naik, AAO, ICAR RC, Goa	Member Secretary
18.	Shri. Jagtar Singh, AO	Member Secretary
19.	Shri. K. Yeshodaran, AAO.	Member Secretary

8th IMC of ICAR RC, Goa (2014-2016)

S.No.	Name and Designation	Status
1.	Dr. N.P. Singh, Director, ICAR RC, Goa	Chairman
2.	Shri. Ulhas B. Pai Kakode, Dy Dir, Directorate of Agriculture	Member
3.	Dr. B. Salvi, Associate Director of Research, Regional Fruit Research Station, Vengurla	
4.	Dr. R. Venkatraman, Joint Dir, IVRI RS, Hebbal, Bengaluru	Member
5.	Dr. K.K. Phillipose, Head, CMFRI RS, Karwar	Member
6.	Dr. Naveen P. Singh, Pri. Scientist (Agri. Economics), NIASM, Baramati	Member
7.	Shri. Ram Avatar Parashar, F&AO, NIASM, Baramati	Member
8.	Dr. M.Thangam, Sr. Sci. ICAR RC	Member
9.	Shri. Saurabh Muni, F&AO, ICAR RC	Member
10.	Shri. P. Rajendran, AO, ICAR RC	Member Secretary

QRT-Quinquennial Review Team of ICAR RC, Goa since 1989
1st QRT of ICAR RC, Goa (1989-90 to 1993-94)

S. No.	Name and Designation	Status
1.	Dr. K.V. Ahamed Bavappa, FAO Consultant, Kerala	Chairman
2.	Dr. G.D. Radder, DR, UAS, Dharwad	Member
3.	Dr. U.V. Sulladmath, Bangalore	Member
4.	Dr. I.G. Chavan, Pune	Member
5.	Dr. T.J. Vargheese, Dir. Instruction (Fisheries), Mangalore	Member Secretary
6.	Dr. S. Subramanian, Sr. Sci. (Fishery)	Co-ordinator

2nd QRT of ICAR RC, Goa (1994-95 to 2000-01)

S. No.	Name and Designation	Status
1.	Dr. N.N. Goswami, Ex-VC, CSAUA&T, Kanpur and Ex-Dean, IARI	Chairman
2.	Dr. G.M. Bharad, Ex-VC, PDKV, Akola	Member
3.	Dr. B.S. Chundawat, Ex-VC, GAU, Udaipur	Member
4.	Dr. P.M. Puntambekar, Ex-Dean, Bombay Veterinary College, Mumbai	Member
5.	Dr. V. Narayana Pillai, Ex-Director, CMFRI, Cochin	Member
6.	Dr. S. Subramanian, Pri. Sci. (Fishery)	Member Secretary

3rd QRT of ICAR RC, Goa (2001-02 to 2005-06)

S. No.	Name and Designation	Status
1.	Dr. S.L. Mehta, VC, Maharana Pratap Uni. of Agri & Tech, Udaipur, Rajasthan	Chairman
2.	Dr. Y.S. Nerkar, Advisor (Pt. Mol. Bio. and Genet. Engg), Vasanttrao Sugar Institute, Pune	Member
3.	Dr. S.P. Palaniappan, Ex-Dean, TNAU, Coimbatore	Member
4.	Dr. K.V. Peter, Ex-VC, KAU, Thrissur	Member
5.	Dr. K.V. Devraj, Ex-VC, UAS, Bangalore	Member
6.	Dr. V.L. Deopurkar, D.R., Maharashtra Animal and Fishery Sci University, Nagpur	Member
7.	Dr. S. Subramanian, Pri..Sci. (Fishery)	Member Secretary

4th QRT of ICAR RC, Goa (1.1.2007 to 31.3.2013)

S.No.	Name and Designation	Status
1.	Dr. Viyay Mehta, EX-VC, KKV, Dapoli	Chairman
2.	Dr. P.K. Joshi, Ex-Director, New Delhi	Member
3.	Prof. S.R. Singh, Ex-Director, Varanasi	Member
4.	Dr. V.A. Parthasarthy, Ex-Director, IISR, Calicut and Emeritus Scientist, IISR	Member
5.	Dr. R.P. Sharma, Ex-Director, and Emeritus Scientist, Patna	Member
6.	Dr. M.B. Chetti, Dean, Crop Sciences, UAS, Dharwad	Member
7.	Dr. A.K. Singh, Head, Div. of Fruit Crops, IARI, New Delhi	Member
8.	Dr. S.B. Barbuddhe, ICAR RC, Goa	Member Secretary



◀ *IV QRT - Field visit*

IV QRT - Chairman and Members ▶



Research Advisory Committees of ICAR RC, Goa Since, 1995

1st RAC (9.3.1995 to 9.3.1998)

S. No.	Name and Designation	Status
1	Dr. K.V. Ahamed Bavappa, FAO Consultant, Kerala	Chairman
2	D.G. Dhandar, OSD	Member
3	Dr. G.D. Radder, DR, UAS, Dharwad	Member
4	Dr. R.T.Gunjate, Associate Director RFRS	Member
5	Dr. T.J. Vargheese, Dir. Instruction (Fisheries), Mangalore	Member
6	Dr. R.S. Ray, Dir. of Veterinary (Retd.), Goa	Member
7	Mr. Tomy Thomas, Mayur Vihar, New Delhi	Member
8	Mr. Ram Linga Reddy, Somajiguda, Hyderabad	Member
9	Dr. P. Rethinam, ADG (PC)	Member
10	Dr. K.D. Patil, P.S. (Plant Physiology), ICAR RC	Member Secretary

2nd RAC (10.3.1998 to 9.3.2001)

S. No.	Name and Designation	Status
1	Dr. A.G. Sawant, VC, KKV, Dapoli	Chairman
2	Dr. M. Mahadevappa, VC, UAS, Dharwad	Member
3	Dr. V.R.P. Sinha, Ex-Director, CIFE, Mumbai	Member
4	Dr. M.K. Nair, Ex-Director, CPCRI, Kasaragod	Member
5	Dr. U.V. Sulladmath, Retd Head, Dept of Hort, UAS, Bangalore	Member
6	Dr. P.M. Puntambekar, Dean, Bombay Veterinary College	Member
7	Dr. D.G. Dhandar, Director	Member
8	Dr. R.N. Pal, ADG (PC)	Member
9	Dr. S. Subramanian, Sr.Sci.	Member Secretary



3rd RAC (10.3.2001 to 9.3.2004)

S. No.	Name and Designation	Status
1	Dr. Y.S. Nerkar, Ex-VC, MPKV, Rahuri	Chairman
2	Dr. S.T. Gaikwad, Ex-Director NBSS & LUP, Nagpur	Member
3	Dr. M.B. Magdum, Ex-HOD (Hort.), KKV, Dapoli	Member
4	Dr. Uttam Ingale, Ex-Dir of Extn, MAU, Parbhani	Member
5	Dr. S.D. Tripathi, Ex-Director, CIFE, Mumbai	Member
6	Mr. Mohan Amshekar, President, BJP Kisan Morcha, Ponda	Member
7	Mrs. Aruna J. Deshpande, Andheri, Mumbai	Member
8	Dr. P.G. Adsule / Dr.V.S. Korikanthimath	Member
9	ADG (AF), NRM, New Delhi	Member
10	Dr. S. Subramanian, Sr. Sci.	Member Secretary

4th RAC (10.3.2004 to 9.3.2007)

S. No.	Name and Designation	Status
1	Dr. J.V. Goud, Ex-VC, UAS, Dharwad	Chairman
2	Dr. N.D. Jambhale, D.R., KKV, Dapoli	Member
3	Dr. H. P. Singh, Ex-Director, CRIDA	Member
4	Dr. S.S. Honnappagol, D.I., Veterinary College, Bidar	Member
5	Dr. S.S. Parameshwaram, Ex-Director, CICFRI, Barrackpore	Member
6	Dr. V.S. Korikanthimath	Member
7	Mr. Ajay Goel, Rajpur Road, Dehradun	Member (Farmer)
8	Mr. Shrikant Joshi, Caranzalem, Panaji	Member (Farmer)
9	Dr. K.R. Solanki, ADG (AF), NRM, New Delhi	Member (ICAR)
10	Dr. S. Subramanian, Pri.Sci.	Member Secretary

5th RAC (24.5.2007 to 08.08.2011)

S. No.	Name and Designation	Status
1	Dr. M. Mahadevappa, Ex-Chairman, ASRB	Chairman
2	Dr. P. Rethinam, Ex-ADG, ICAR	Member
3	Dr. S.N. Sharma, Emeritus Scientist, Institute of Agri. Scis, BHU, Varanasi	Member
4	Dr. S.V. Deshmukh, Registrar, Maharashtra, Animal University, Nagpur	Member
5	Dr. N.R. Menon, Ex-Dean, CUSAT, Cochin	Member
6	Dr. V.S. Korikanthimath	Member
7	Mr. Madhav Sahakari, Curti, Ponda	Member (Farmer)
8	Mr. Shrikant Joshi, Caranzalem, Panaji	Member (Farmer)
9	Dr. P.D. Sharma, ADG (Soils), NRM, New Delhi	Member (ICAR)
10	Dr. R. Ramesh, Scientist (SS)	Member Secretary

6th RAC (9.8.2011 to 8.8.2013)

S. No.	Name and Designation	Status
1.	Dr. Kirti Singh, Ex-Chairman, ASRB	Chairman
2.	Dr. P. Rethinam, Ex-ADG, ICAR	Member
3.	Dr. P.K. Chhonkar, IARI Adjunct Professor and ICAR Emeritus Scientist	Member
4.	Dr. U.S. Singh, STRASA Co-Ordinator, IRRI, Indian Liasion Officer, New Delhi	Member
5.	Dr. H.Rehman, Director, PDADMAS, Bangalore	Member
6.	Dr. M. Sinha, Advisor (Fisheries), Govt of Tripura	Member
7.	Dr. B.S. Hansra, School of Agri., IGNOU, New Delhi	Member
8.	Dr. P.S. Minhas, ADG (S&WM), NRM	Member
9.	Mr. Madhav Sahakari, Curti, Ponda	Member (Farmer)
10.	Fr. Inacio Almeida, Pilar Seminary	Member (Farmer)
11.	Dr. N.P. Singh, Director	Member
12.	Dr. B.K. Swain, Sr.Sci.	Member Secretary

7th RAC (30.01.2014-29.01.2017)

S. No.	Name and Designation	Status
1	Dr. R.B. Deshmukh, Ex-VC, MPKV, Rahuri	Chairman
2	Dr. Satya P. Bhardwaj, Ex-Head, CSWCRTI, Dehradun	Member
3	Dr. D.P. Waskar, DR, Vasantrya Naik Marathwada Krishi Vidyapeeth, Parbhani	Member
4	Dr. N. Sarangi, Ex-Director, CIFA, Bhunaneshwar	Member
5	Dr. P. Indira Devi, Prof and Director (CEEE), College of Hort, KAU, Trissur	Member
6	Dr. I.D. Tyagi, Ghaziabad, U.P.	Member
7	Dr. B. Mohan Kumar, ADG (AF), NRM	Member
10	Dr. N.P. Singh, Director	Member
11	Dr. M. Thangam, Sr. Scientist (Hort.)	Member Secretary



◀ VI RAC - Field visit

VI RAC - Chairman and Members ▶





◀ VII RAC - Chairman and Members



VII RAC - Delibrations ▶



Parliamentary standing committee on agriculture (1996-97)

Shri Santosh Kumar Gangwar	Chairman
Shri Ramnarayan Goswami	Convenor
Shri Gulam Mohamad Mir Magami	Alternate Convenor
Shri Maulana Habitur Rahman Noman	Member
Shri Sohanveer Singh	Member
Shri Sukdeo Paswan	Member
Shri Madan V. Patil	Member
Shri Anatha Sethi	Member
Shri Padmasen Chaudhary	Member
Shri Suresh Pachouri	Member
Dr. Ramalingam	Member
Shri Kota Sydaiah	Member
Shri S. Balshekar Depty	Secretary
Shrimati Roki Srivastawa	Joint Secretary

Parliamentary standing committee on Agriculture (1998-99)

Shri Kinjarapu Yerran Naidu	Chairman
Shri D.C. Sreekantappa	Member
Shri Baliram Kashyap	Member
Shri M.Master Mathan	Member
Shri Virendra Varma	Member
Shri Maganti Venkateshwara Rao	Member
Shri Mehaboob Zahedi	Member
Shri Usha Meena	Member
Shri Usha Verma	Member
Shri Bashist Narayan Singh	Member
Shri Ram Shankar	Member
Dr. Sushil Kumar Indora	Member
LT. Gen (Retd) N.Foley	Member
Shri Moulana Habibur Rahman Nomani	Member
Shri Ramji Lal	Member
Shri Devi Prasad Singh	Member
Shri Ram Narayan Goswami	Member
Shri Yadlapati Venkat Rao	Member
Shri H.K.K Javare Gowda	Member
Shri T.M. Venkatachalam	Member
Shri Sharief-ud-din-Shariq	Member
Dr. Ramendra Kumar Yadav Ravi	Member
Shri Sangh Priya Gautam	Member
Shri Mitrasen Yadav	Member
Shri Nand Kumar Singh Chavhan	Member
Shri Ramkrishna Patil	Member
Shri Vimala Verma	Member
Shri Kanup Lal Yadav	Member
Shri P.D.T. Acharya	Member
Shri Shailendra Pande	Member





Parliamentary standing committee on agriculture (2011)

Shri Basudeb Acharia, MP	Chairman
Shri Hukmadeo Narayan Yadav, MP	Member
Shri S.K. Nurul Islam, MP	Member
Shri Narayan Singh Amlabe, MP	Member
Shri Thangso Baite, MP	member
Shri Naranbhai Kachhadia, MP	Member
Shri Prabodh Panda, MP	Member
Smt. Ashwamedh Devi, MP	Member
Shri Premdas, MP	Member
Shri Vitthalbhai Hanrajbhai Radadiya, MP	Member
Shri Shashi Bhusan Behera, MP	Member
Shri Nripendra Nath Roy, MP	Member
Shri Mohd. Ali Khan, MP	Member
Shri Jagdish Thakor, MP	Member
Shri Upendra Kushwaha, MP	Member
Shri Bharatsinh Prabhatsinh Parmar, MP	Member
Shri Rajpal Singh Saini, MP	Member
Shri Bhoopendra Singh, MP	Member
Shri Thangavelu, MP	Member
Shri Narendra Budania, MP	Member
Shri C. Vanlalruata	Deputy Secretary, Parliament
Shri Harish Kumar	Lok Sabha Secretariat
Shri Harish Sethi	Lok Sabha Secretariat
Shri Syed Abdul Samad	Lok Sabha Secretariat
Shri Amit Kadian	Lok Sabha Secretariat
Shri Sahab Singh	Section Officer, Parliament
Dr. K. K. Singh	ADG (PE)
Dr. P. S. Minhas	ADG (SW&M)





Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

DISTINGUISHED

Visitors





Distinguished Visitors

1989-90

1. Shri. Hari Krishna Shastry, Hon'ble Union Minister of State for Agriculture Research and Education, GOI, New Delhi
2. Shri. Eduardo Faleiro, Hon'ble Union Minister of State for Finance, GOI, New Delhi
3. Shri. Francisco Sardinha, Hon'ble Minister for Agriculture, Govt. of Goa, Goa
4. Dr.M. V. Rao, Special Director General, ICAR, New Delhi
5. Dr. S.B. Kadrekar, Vice-Chancellor, KKV, Dapoli, Maharashtra
6. Dr. C. Prasad, DDG (Agriculture Extension), ICAR, New Delhi

1990-91

1. Shri. Pratap Singh Rane, Member, Legislative Assembly, Govt. of Goa, Goa
2. Shri. Franciso Sardinha, Member, Legislative Assembly, Govt. of Goa, Goa
3. Dr. P.R. Dubhashi, Vice-Chancellor, Goa University
4. Dr. K.L.Chadha, DDG (Horticulture), ICAR, New Delhi
5. Dr. P.V. Dehadrai, DDG (Fisheries), ICAR, New Delhi
6. Shri. N.S. Bakshi, Joint Secretary and Financial Advisor, ICAR, New Delhi
7. Dr. P. Rethinam, ADG (Plantation Crops), ICAR, New Delhi

1991-92

1. Shri. Som Pal, Member of Parliament, New Delhi
2. Shri. Ram Tahal Chaudhary, Member of Parliament, New Delhi
3. Shri. Rajinder Kumar Sharma, Member of Parliament, New Delhi
4. Shri. Shibu Soren, Member of Parliament, New Delhi
5. Shri. Upendra Nath Verma, Member of Parliament, New Delhi
6. Shri. Ram Narayan Goswami, Member of Parliament, New Delhi
7. Shri. M.Rajagopalan Nair, Deputy Director, Parliamentary Secretariat, New Delhi
8. Dr. R. Nagarcenkar, DDG (Education), ICAR, New Delhi
9. Dr. P. Rethinam, ADG (Plantation Crops), ICAR, New Delhi
10. Dr. A.P. Saxena, ADG (NARP I), ICAR, New Delhi
11. Dr. M.Velayutham, ADG (Soils), ICAR, New Delhi



1992-93

1. Dr. V.Gnanaprakasm, Vice-Chancellor, Tamil Nadu Veterinary and Animal Sciences University, Chennai
2. Dr. K.L. Chadha, DDG (Horticulture), ICAR, New Delhi
3. Dr. R.H. Tyagi, Member, ASRB, ICAR, New Delhi
4. Dr. P. Rethinam, ADG (PC), ICAR, New Delhi
5. Dr. A.P. Sasena, ADG (NARP-I), ICAR, New Delhi
6. Dr. K.N. Singh, ADG (NARP-II), ICAR, New Delhi

1993-94

1. Dr. M.V. Rao, Vice-Chancellor, APAU, Hyderabad
2. Dr. L. P. Barbosa, Ex-Chief Minister, Government of Goa
3. Dr. P. Rethinam, ADG (PC), ICAR, New Delhi

1994-95

1. Dr. V.L. Chopra, DG, ICAR, Krishi Bhavan, New Delhi
2. Dr. K.L. Chadha, DDG (Hort.) ICAR, Krishi Bhavan, New Delhi
3. Dr. P. Rethinam, Asst. Director general (PC) ICAR, Krishi Bhavan, New Delhi
4. Dr. K.V.A. Bavapa, Ex-Director, CPCRI, Kasaragod
5. Dr. G.D. Radder, Director of research, UAS, Dharwad
6. Dr. J. V. Goud, Ex-Vice Chancellor, U.A.S. Dharwad

1995-96

1. Dr. K.V.A. Bavapa, FAO consultant, Kerala
2. Dr. J. V. Goud, Ex-Vice Chancellor, U.A.S. Dharwad
3. Dr. N.C. Hulamani, Director of Instruction, College of Horticulture, UAS, Dharwad
4. Dr. S.Ray, Ex- Director of Animal Husbandry and Veterinary Services, Govt. of Goa.

1996-97

1. Dr. K.L. Chadha, DDG (Hort.) ICAR, Krishi Bhavan, New Delhi
2. Dr. K.V.A. Bavapa, Ex-Director, CPCRI, Kasaragod
3. Dr. Mahadevappa, Vice Chancellor, UAS, Dharwad
4. Dr. M.K. Nair, Director, CPCRI, Kasaragod
5. Dr. Gajendra Singh, DDG (Engineering), ICAR, New Delhi
6. Dr. Michel, Vice Chancellor, KAU
7. Dr. E. Bhaskar Rao, Director, National Research Center for Cashew

1997-98

1. Dr. R.S. Paroda , DG, ICAR, Krishi Bhavan , New Delhi
2. Dr. G.C. Srivastava, Chief Secretary, Govt. of Goa
3. Dr. S.P. Ghosh, DDG (Hort.) ICAR, Krishi Bhavan, New Delhi
4. Dr. Mangala Rai, DDG (Crop Science) ICAR, Krishi Bhavan, New Delhi
5. Dr. P.K. Das, DDG (Extension), ICAR, Krishi Bhavan, New Delhi
6. Dr. G.B. Singh, DDG (AF & SS), ICAR, Krishi Bhavan, New Delhi
7. Dr. Dehardi, DDG (Fisheries), ICAR, Krishi Bhavan, New Delhi
8. Dr. Gajendra Singh, DDG (Engineering), ICAR, New Delhi
9. Dr. R.C. Maheshwari, ADG (CSC), ICAR, New Delhi
10. Dr. R.N. Pal, ADG (PC), ICAR, New Delhi
11. Prof. Kirti Singh, Chairman of Horticulture committee and member of ASRB, ICAR, New Delhi

1998-1999

1. Shri. Zakulichand, Minister of Horticulture, Mizoram
2. Shri. Krishna Kuttikar, Ex. MLA and Ex. Chairman, EDC, Govt. of Goa
3. Shri. Balshekar, Dy Secretary, Secretariat, New Delhi
4. Dr. S.P. Ghosh, DDG (Horticulture), ICAR, New Delhi
5. Dr. P.S. Dehdrai, DDG (Fisheries), ICAR, New Delhi
6. Dr. A.N. Dubey, Director (Agriculture), Ministry of Defence, New Delhi
7. Shri, Rakesh, IAS, Financila Advisor, ICAR and DARE, New Delhi
8. Shri. A.K. Gupta, Director (Works), ICAR , New Delhi
9. Major Zuzurat, Secretary, Raj Sainik Board, New Delhi
10. Dr. P.S. Pathak, ADG (PC), ICAR< New Delhi
11. Dr. R.N. Pal, ADG (PC), ICAR, New Delhi
12. Smt. Tej Verma, ADG (Home Science), ICAR, New Delhi
13. R. A.G. Sawant, VC, Dr. BSKKV, Dapoli
14. Dr. Mahadevappa, VC, UAS, Dharwad
15. Dr. I.S. Yadav, Director, IIHR, Bangalore
16. Dr. E. V.Bhaskara Rao, Director, NRC for Cashew, Puttur
17. Dr. P. Rethinam, NRC for Oil Palm, Yelluru
18. Dr. P. Krishnaiah, Director, DRR, Hyderabad
19. Dr. M.K. Nair, Ex. Director, CPCRI, Kasargod



20. Dr. J.V. Goud, Ex VC, UAS, Dharwad
21. Dr. P. Puntambekar, Ex Dean, Bombay Veterinary College
22. Dr. U.V. Sulladhmath, Ex . Head of Horticulture Division, UAS, Bangalore
23. Dr. R.P. Matto, General Manager, Agricultural Finance and co-operation, New Delhi
24. Mr. K.G. Sharma, Director, Directorate of Agriculture
25. Dr. A.V. Thomas, Director, Directorate of AH&VS
26. Mr. Sardesai, Director, Directorate of Fishries
27. Gen S.F. Rodrigues, Ex Chief of Army and Chairman, Goa Horticultural Development Corporation
28. Dr. P.C. Sharma, Sr.Scientist, KVK, New Delhi
29. Dr. A.S. Guathilalake, Head, Agronomy Division, Coconut Research Institute, SriLanka
30. Dr. Arun Mandhokot, Director of Research, Dr BSKKV, Dapoli
31. Dr. P.O. Singh, Head, Department of Clothing and Textiles, PAU, Ludhiana

1999-2000

1. Shri. Sompal, Minister of State for Agriculture, Govt. of Goa
2. Shri. Araciao D'souza, Minister for Agriculture, Govt. of Goa
3. Shri. Subash Shirodkar, Minister for Public Works, Govt. of Goa
4. Dr. R.S. Paroda, Secretary, DARE & DG, ICAR, New Delhi
5. Shri. B.K. Chauhan, Secretary, ICARR, New Delhi
6. Shri. Rakesh, FA, ICAR, New Delhi
7. Dr. G.B. Singh, DDG (NRM), ICAR, New Delhi
8. Dr. Anwar Alam, DDG (ENGG), ICAR, New Delhi
9. Dr. P. Das, DDG (EXTN), ICAR, New Delhi
10. Shri. Gaya Prasad, Director (Personnel), ICAR New Delhi
11. Shri. B.L. Jangira, Director (Finance), ICAR, New Delhi
12. Dr. P.S. Pathak, ADG (AF), ICAR, New Delhi
13. Dr. A.N. Shukla, ADG (AG.EXTN), ICAR, New Delhi
14. Dr. R.C. Maheshwari, ADG(CSC), ICAR, New Delhi
15. Dr. S.D. Rai, ADG (TC), ICAR, New Delhi
16. Dr. A.G. Sawant, Chairman, ASRB, ICAR, New Delhi
17. Dr. M. Mahadevappa, Vice Chancellor, UAS, Dharwad
18. Prof. B.S. Sondhe, Vice- Chancellor, Goa University
19. Dr. H.P. Singh, Dir., CPIDA, Hyderabad

20. Dr. A.S. Faroda, Dir, CAZRI, Jadhpur
22. Dr. K.V. Peter, Director, IISR, Calicut
23. Dr. G.R.M. Rao, Dir., CIBA, Chennai
24. Dr. P. Kumar, Dir., NRC (Rapeseed & Mustard)
25. Dr. S.A.H. Abidi, Ex- Dir, CIFE, Mumbai
26. Dr. M.K. Nair, Ex-Dir., CPCRI, Kasargod
27. Dr. Subash Chandra, Joint Director (Extn.) IARI, New Delhi
28. Dr. P.N. Puntambekar, Ex-Dean, Bombay Vet. College, Mumbai
29. Dr. U.V. Sulladmath, Ex Head, Hort. Division, UAS, Bangalore
30. Shri. A.R. Goel, Deputy Secretary (GAC), ICAR, New Delhi
31. Shri. N.S. Randhawa, Deputy Secretary (A), ICAR, New Delhi
32. Shri. S.P. Sanwal, Under Secretary, (GAC), ICAR, New Delhi
33. Shri. A.S. Sethi, Under Secretary, (Tech), ICAR, New Delhi
34. Shri. J.M. Singh, Asstt. Legal Advisor, ICAR, New Delhi
35. Dr. K.P.S. Rao, Principal Scientist, NAARM, Hyderabad
36. Dr. P.K. Samanta, Zonal Co-ordinator, Zone-VII, Bangalore
37. Dr. O.P. Dhankad, Head, Regional Station, HAU, Hissar
38. Dr. Hameed Khan, Principal Investigator (NATP, Palm based farming system) CPCRI, Kasargod, Kerala
39. Shri. Raj Gopalan, Chief Engineer, Public Works Department, Govt. of Goa
40. Shri. R.G. Joshi, Dir, Directorate of Agriculture, Govt. of Goa
41. Shri. U.D. Sardesai, Dir., Directorate of Fisheries, Govt. of Goa
42. Shri. K.G. Sharma, Ex-Director, Directorate of Agriculture, Govt. of Goa

2000-2001

1. Shri. Hukum Naryan Yadav, Minister of State for Agriculture (AHD and DARE), Govt. of India
2. Dr. Debendra Pradhan, Minister of State for Agriculture (AHD and DARE), Govt. of India
3. Shri. Shripad Naik, Minister of state for Agriculture & Co-operation, Govt. of India
4. Shri. Ramarao Desai, Minister for Agriculture, Govt. of Goa
5. Shri. Pratapsingh Rane, Speaker, Goa Legislative Assembly, Govt. of Goa
6. Shri. Ramakant Angle, Member of Parliament (Lokh Sabha), Govt. of India
7. Shri. Eduarado Falerio, Member of Parliament (Rajya Sabha), Govt of India
8. Mrs. Nirmala Sawant, MLA, Govt. of Goa
9. Dr. R.S. Paroda, DG, ICAR and Secretary, DARE, New Delhi



10. Dr. S.L. Mehta, DDG (Edn), ICAR, New Delhi
11. Shri. Gaya Prasad, Director (Personnel), ICAR, New Delhi
12. Dr. P.S. Pathak, ADG (AF), ICAR, New Delhi
13. Dr. B.S. Chopra, ADG (AP&B), ICAR, New Delhi
14. Dr. B.N. Choudhary, ADG (LLR), ICAR, New Delhi
15. Dr. A.G. Sawant, Chairman, ASRB, ICAR, New Delhi
16. Dr. M. Mahadevappa, Vice Chancellor, UAS, Dharwad
17. Dr. H.P. Singh, Hort. Commissioer, Govt. of India
18. Dr. P. Rethinam, Chairman, Coconut Development Board, Kochi
19. Dr. J.C. Katyal, Director, NAARM, Hyderabad
20. Dr. J.L. Karihallo, Dir., NRC on Finger Prints, New Delhi
21. Dr. K.M. Bujubarauh, Dir., NRC on Mithun, Nagaland
22. Dr. G.L. Kaul, PC on AICRP, Pigs, Izatnagar
23. Dr. M.K. Nair, Ex- Dir., CPCRI, Kasargod
24. Dr. P.N. Puntambekar, Ex-Dean, Bombay Veterinary College, Mumbai
25. Dr. U.V. Sulladmath, Ex Head, Hort. Division, UAS, Bangalore
26. Shri. R.P. Saroj, Under Secretary, (GAC), icar, New Delhi
27. Dr. K.J. Rao, Pri. Scientist, CIFA, Bhubaneshwar
28. Dr. P.K. Shaanta, Zonal Co-ordinator, Zone – VII, Bangalore
29. Dr. A.K. Sikka, Head, & Pri. Scientist, CS&WCRI Regional Research Station, Ooty
30. Dr. C.J. Itnal, Dir. of Instructionas, UAS, Dharwad
31. Dr. A. Goswami, Head, Division of Fruits & Hort. Technology, IARI, New Delhi
32. Dr. Vijay Kumar, General Manager & Project Director, Agril. Finance & Co-operation Ltd. New Delhi
33. Dr. Veer Bhadraiah, Dir., of Extention, UAS, Dharwad
34. Dr. K.D. Kokate, Dir. of Extension, KKV, Dapoli
35. Dr. Tapesh Pawar, Dir., Dept of AH&VS, Govt of India, New Delhi
36. Shri. R.G. Joshi, Dir, Directorate of Agriculture, Govt of Goa
37. Dr. H.K. Malviya, Dir, Dept of AH&VS, Govt of Goa
38. Dr. V.J. Thomas, Ex. Dir., Dept. of AV&VS, Govt. of Goa
39. Shri. Verenkar, Dir., Directorate of Fisheries, Govt. of Goa
40. Shri. S.R. Bajpai, Dir., Goa Metereological Dept
41. Shri. P.B. Hawaldar, Ex-Dir., Directorate of Agriculture, Govt. of Goa

2001-2002

1. Shri. Sripad Naik, Minister of State for Agriculture and Co-operation, Govt. of India
2. Shri. Pandurang Raut, Minister for Transport, Government of Goa
3. Dr. A.K. Sangma, Minister for soil conservation, Govt. of Meghalaya
4. Shri. Ulhas Assondkar, Deputy Speaker, Govt. of Goa
5. Shri. Lawrence Fernandes, Ex Mayor of Bangalore City & Member, ICAR Governing Body
6. Dr. Anwar Alam, DDG (Agril. Engg), ICAR, New Delhi
7. Dr. G.V. Goud, Ex Vice Chancellor, UAS Dharwad
8. Shri. P.B. Sharma, ADG (Soils), ICAR, New Delhi
9. Dr. A.G. Sawant, Member, ASRB, ICAR, New Delhi
10. Dr. P.S. Pathak, Director, IGFRI, Jhansi
11. Dr. D.G. Dhandar, Director, NRC Oil Pam, Elluru
12. Dr. Nagendra Sharma, Jt. Director (Academic) & Dean, IVRI, Izatnagar
13. Dr. A.K. Sikka, Head, CSWC & RTI Regional Centre, Ooty
14. Dr. M.L. Choudhary, Head, Division of Floriculture & Land Scaping, IARI, New Delhi
15. Dr. B.B. Singh, Head, Division of Fruits, IARI, New Delhi
16. Dr. Y.S. Nerkar, Director, Vasant Dada Sugar Institute & Ex. Vice Chancellor, MPKV, Rahuri
17. Dr. S.T. Gaikwad, Ex Director, NBSS & LUP, Nagpur
18. Dr. S.D. Tripathi, Ex Director, CIFE, Mumbai
19. Dr. Uttam Ingle, Ex Dir, of Extension, MAU, Parbhani
20. Dr. M.K. Nair, Ex- Dir. CPCRI, Kasargod
21. Dr. V. Rajgopalan, Ex- Dir., Rubber Research Institute, Kottayam
22. Dr. Mohan Kumar, Ex. Dean, KAU, Mannoty
23. Dr. Mohan Naidu, Ex-Dir., SBI, Coimbatore
24. Shri. W.M. Khade, Dir. of Agri., Govt. of Goa
25. Dr. H.K. Malviya, Dir. of AH&VS, Govt. of Goa
26. Shri. Verenkar, Dir. of Fisheries, Govt. of Goa
27. Dr. K.S. Momeen, Addl. Dir. of Soil Conservation, Govt of Meghalaya
28. Shri. B.N. Sundareshwara, Jt. Dir., Department of Field Publicity, Maharashtra
29. Shri. R.K. Gupta, Chief Regional Co-ordinator, PCRA, Mumbai
30. Dr. Padwal Desai, President, AFST(I) Mysore
31. Smt. Aruna Deshpande, Social Worker, Mumbai
32. Shri. Mohan Amshekar, President, BJP Kissan Morcha



33. Shri. Shantanu Garud, Project Co-ordinator, Watershed Society of Goa
34. Dr. Nandakumar Kamat, Project Scientist, Goa University, Bambolim
35. Shri. Arun Madgaonkar., President, Bhartiya Kissan Sangh, Goa

2002-2003

1. Shri. Sripad Naik, Minister of State for Civil Aviation, Govt. of Goa
2. Shri. Dayandand Mandrekar, Honorable Minister for Agriculture, Govt of Goa
3. Shri. Anisur Rahanman, Honourable Minister for Ani. Resource Development, Government of West Bengal
4. Shri. D.S. Negi, Chief Secretary, Govt. of Goa
5. Dr. J.S. Samra, DDG (NRM), ICAR, New Delhi
6. Shri. Venkatraman, Secretary (Agriculture), Govt. of Goa
7. Dr. M.V. Rao, Ex-Special DG, ICAR, New Delhi
8. Dr. N.N. Goswami, Ex-Vice Chancellor, CSAUS&T, Kanpur
9. Dr. G.M. Bharad, Ex-Vice Chancellor, PDKV, Akola
10. Dr. C.S. Chundawat, Ex-Vice Chancellor, Gujrat Agri. University
11. Dr. P. M. Puntambekar, Ex-Dean. Mumbai Vet. College
12. Dr. V.N. Pillai, Ex-Director, CMFRI, Cochin
13. Dr. M. Mahadevappa, Ex-Chairman, ASRB, New Delhi
14. Dr. S.S. Magar, Vice Chancellor, BSKKV, Dapoli
15. Dr. S.A. Patil, Vice Chancellor, UAS, Daharwad
16. Dr. M.K. Nair, Ex-Dir., CPCRI, Kasargod
17. Dr. Y.S. Nerkar, Ex-Vice Chancellor, MPKV, Rahuri
18. Dr. S.T. Gaikwad, Ex-Dir. NBSS&LUP, Nagpur
19. Dr. Uttam Ingle, Ex-Dir. of Extension, MAU, Parbhani
20. Dr. S.D. Tripathi, Ex-Dir., CIFE, Mumbai
21. Dr. R.N. Pal, ADG(PC), ICAR, New Delhi
22. Dr. A.H. Abidi, Member, ASRB, New Delhi
23. Dr. K.R. Solanki, ADG(AF), ICAR, New Delhi
24. Dr. B.S. Bisht, ADG (HRD), ICAR, New Delhi
25. Dr. A.K. Jain, ADG (ARIS), ICAR, New Delhi
26. Dr. A.M. Michal, Vice Chancellor, KAU, Thrissur
27. Dr. Alok Sikka, Dir, ICAR, RC, Eastern Region, Patna
28. Dr. D.G. Dhandar, Director, CIAH, Bikaner

29. Dr. M.S. Basu, Dir., NRC for Groundnut, Junagarh
30. Dr. Samanta, Zonal Co-ordinator, Zone VII
31. Dr. J.V. Goud, Ex-vice Chancellor, UAS, Dharwad
32. Dr. K.U. Nambodri, Ex-Dir., CPCRI, Kasargod
33. Dr. P. Jha, Ex-Vice Chancellor, Ranchi Agriculture University
34. Dr. J.S. Bhatia, Ex-ADG(EPD), ICAR, New Delhi
35. Dr. V. Rajgopalan, Ex-VC, TNAU, Coimbatore
36. Dr. Mahapatra, Ex-VC, QUAT, Bhubaneswar
37. Dr. M.R. Sethuraj, Ex-Dir., Rubber Research Institute, Kottayam
38. Shri. W.M. Khade, Dir. of Agriculture, Govt. of Goa
39. Dr. N.P.S. Varde, Dir., Department of Sci. & Tech. Saligaon
40. Dr. A.S. Nazareth, Dir., of AH&VS, Govt. of Goa
41. Dr. H.K. Maliviya, Managing Director, Goa Meat Complex
42. Mr. Surinder Sub., Sr. Journalist Business standard, New Delhi
43. Dr. Doris Von Werner, Sr. Country Project Officer, FAO Regional Officer for Asia & Pacific, Bangkok, Thailand
44. Dr. Palaniswamy Pachagounder, Cotton IPM Country Officer, (FAO) Indian Project Officer, NPPTI, Hyderabad
45. Dr. Manmohan Atavar, M.D, Indo American Hybrid Seeds, Bangalore
46. Dr. John Stonehouse, Lecture, Imperial College of Science, Technology & Medicine, London

2003-2004

1. Shri. Kedar Nath Sahani, His Excellency, Governor of Goa
2. Shri. Sripad Naik, Minister of State for Civil Aviation, Govt. of Goa
3. Shri. Dayandand Mandrekar, Honorable Minister for Agriculture, Govt of Goa
4. Shri. Ramkrishna Dhavlikar, Honourable Minister for Fisheries, Govt. of Goa
5. Shri. D.S. Negi, Chief Secretary, Govt. of Goa
6. Dr. J.S. Samra, DDG (NRM), ICAR, New Delhi
7. Shri. Amit Yadev, Secretary (Fishery), Govt. of Goa
8. Dr. D. Pandey, Conservator of Forest, Govt. of Goa
9. Dr. S.S. Magar, Vice Chancellor, BSKKV, Dapoli
10. Prof. Kannayan, Ex-Vice Chancellor, TNAU, Coimbatore
11. Dr. K. Krishnappa, Vice Chancellor, UAS, Bangalore
12. Dr. Y.S. Nerkar, Ex-Vice Chancellor, MPKV, Rahuri
13. Dr. S.T. Gaikwad, Ex-Director, NBSS&LUP, Nagpur



14. Dr. Uttam Ingle, Ex-Director of Extension, MAU, Parbhani
15. Dr. S.D. Tripathi, Ex-director, CIFE, Mumbai
16. Dr. K.R. Solanki, ADG (AF), ICAR, New Delhi
17. Dr. O.P. Dubey ADG (PP), ICAR, New Delhi
18. Dr. D.G. Dhandar, Dir. CIAH, Bikaner
19. Dr. V.A. Parthasarathy, Dir, IISR, Calicut
20. Dr. M.S. Basu, Dir., NRC for Groundnut, Junagardh
21. Dr. B. Mishra, Director, Directorate of Rice Research, Hyderabad
22. Dr. K. Prabhudas, Project Director, PD-ADMAS, Bangalore
23. Dr. N. Balsundaram, Dir., Sugar Breeding Institute, Coimbatore
24. Dr. R. Rabindra, Project Director on Biological Control, Bangalore
25. Dr. B. Mallik, Project Co-ordinator (Mites), UAS, Bangalore
26. Dr. V.P. Rane, Director, Vasanthdada Sugar Institute, Pune
27. Dr. Prabhu Kumar, Zonal Co-ordinator, Zone VIII
28. Dr. V.S. Kodrivel, Vice Chancellor, TNVASU, Chennai
29. Shri. Ramesh Joshi, Director of Agriculture, Govt. of Goa
30. Dr. N.P.S. Varde, Director, Department of Science & Tech., Saligaon
31. Dr. A.S. Nazareth, Dir. of AH & VS, Govt. of Goa
32. Shri. S.C. Vernekar, Dir. of Fisheries, Govt. of Goa
33. Dr. Ajit Shirodkar, Chairman, Kokum Foundation
34. Shri. Mohan Amshekar, President, BJP Kisan Morcha Goa

2004-2005

1. Shri. Pratapsingh Rane, Honorable Chief Minister, Govt of Goa
2. Shri. Dayandand Mandrekar, Honorable Minister for Agriculture, Govt of Goa
3. Shri. Matanhy Saldanha, Honorable Minister for Tourism, Govt of Goa
4. Shri. Amit Yadev, Secretary (Fishery), Govt. of Goa
5. Dr. J.V. Gound, Ex-Vice Cancellor, UAS, Dharwad
6. Dr. N.D. Jambhale, Dir. of Research, BSKKV, Dapoli
7. Dr. H.P. Singh, Ex-Director, Crida, Hyderabad
8. Dr. S.S. Honnappagoal, Dir. of Instruction, Vet. College, Bidar
9. Dr. K.R. Solanki, ADG (AF), ICAR, New Delhi
10. Shri. Ramesh Joshi, Dir. of Agriculture, Govt. of Goa

11. Dr. N.P.S. Varde, Dir, Department of Science and Technology, Saligaon
12. Dr. T.T. Naik, Dir. of AH & VS, Govt. of Goa
13. Dr. Ajit Shirodkar, Chairman, Kokum Foundation

2005-06

1. Dr. Wilfred D'Souza, Honourble Deputy Chief Minister, Government of Goa
2. Shri. Francisco Xavier Pacheco, Honourble Minister of Agriculture, Government of Goa
3. Dr. Mangala Rai, Secretary, DARE & DG, ICAR New Delhi
4. Dr. P. Das, DDG (Extension), ICAR, New Delhi
5. Dr. S.K. Dadu, Development Commissioner, Government of Goa
6. Dr. K. R. Solanki, ADG (AF), ICAR, New Delhi
7. Dr. S.N. Pandey, ADG (Hort.) ICAR, New Delhi

2006-07

1. Shri. S.C. Jamir, Honourable Governer, GOA
2. Shri. Pratap Singh Rane, Honourable Chief Minister, Government of Goa
3. Shri. Shripad Naik, Honourable member of Parliament, Government of India
4. Shri. Pandurang Madkaikar, Honourable Minister of Transport, Government of Goa

2007-08

1. Shri. Bhupendrasingh Chudasama, Honourable Minister of Agriculture, Govt. of Gujarat
2. Dr. H.P. Singh, DDG (Hort.), ICAR, New Delhi
3. Dr. P.V. Dehadrai, Former DDG, ICAR, New Delhi
4. Dr. S.A.H. Abidi, Former member, ASRB, New Delhi
5. Dr. S.L. Mehata, Vice-Chancellor, Maharana Prtrap University of Agril. & Tech., Udaipur
6. Dr. M. Mahadevappa, Chairman, ASRB
7. Dr. J.H. Kulkarni, Vice-chancellor, UAS, Dharwad
8. Dr. Vijay B. Meheta, Vice-Chancellor, DR.BSKKV, Dapoli
9. Dr. V.D. Patil, ADG, ICAR, New Delhi
10. Dr. P.D. Sharma, ADG (Soil), ICAR, New Delhi



2008-09

1. Dr. Mangala Rai, Secretary, DARE & DG, ICAR, New Delhi
2. Shri. U.V. Sadamate, Advisor (Agriculture), Planning Commission, New Delhi
3. Dr. A.K. Singh, DDG (NRM), ICAR, New Delhi
4. Dr. P. Das, DDG (Extension) ICAR, New Delhi
5. Dr. J.H. Kulkarni, Vice-Chancellor, UAS, Dharwad
6. Prof. Dilip Deobagkar, Vice-Chancellor, Goa University, Goa

2009-10

1. Dr. A.K. Shrivastava- Director and Vice Chancellor, NDRI, Karnal, Haryana
2. Shri. P.K. Patidar - Director, Directorate of AH & VS, Govt of Goa
3. Dr. S. Ayyappan - Secretary (DARE) and Director General (ICAR) visited the Institute on October 26, 2010 on his transit to Dharwad
4. Shri. V. V. Sadamate - Advisor (Agri), Planning Commission, New Delhi
5. Shri. Yogiraj Singh - Honorable State Minister, Department of Agricultural Education & Research, Government of Uttar Pradesh
6. Dr. Mohan Joseph Modayil - Member ASRB, New Delhi
7. Shri. Rajiv Mehrishi - IAS Additional Secretary, DARE & Secretary, ICAR, New Delhi
8. Shri. Ganesh Koyu - IAS Secretary, AH&VS, Govt. of Goa
9. Shri. V.K. Jha - IAS Secretary, Agriculture, Govt. of Goa
10. Shri. Aleixo Sequeira - Hon'ble Minister for Power, Environment, Printing and Stationery, Govt. of Goa
11. Dr. A.K. Singh DDG (NRM), ICAR, New Delhi
12. Padma Vibhushan Dr. M. S. Swaminathan, Honorable Member of Parliament (Rajya Sabha), Chairman, MSSRF, Chennai and Former Director General, ICAR, New Delhi and IRRI, Philippines visited the Institute on September 27, 2010
13. Shri Ravi Naik - Minister for Home and AH&VS, Govt. of Goa

2010-11

1. Shri. Shripad Naik - Honorable Member of Parliament, North Goa (Lok Sabha)
2. Shri. Sharad Pawar, Honorable Union Minister of Agriculture and Food Processing Industries, Government of India, visited the Institute on 18th May, 2011. Shri. Pratapsingh Rane, Honorable Speaker of Goa Legislative Assembly and Shri. Shripad Naik, Honorable Member of Parliament was also present during the visit
3. The Study Group of the Parliamentary Committee on Agriculture Honorable Members of Parliament on 10.09.2011 and 19.11.2011
4. Dr. S.N. Puri Vice Chancellor, Central Agricultural University, Imphal

2011-12

1. Dr. R. Pradhan Vice Chancellor, TANUVAS, Chennai
2. Dr. S.C. Gupta ADG (AP & B), ICAR, New Delhi
3. Dr. R.N. Chatterjee, Director, Project Directorate on Poultry, Hyderabad

2012-13

1. Shri. Bharat Vir Wanchoo Honorable Governor, Goa
2. Shri. Manohar Parrikar, the Chief Minister of Goa visited the ICAR Research Complex for Goa on 6th March, 2013. He inaugurated the Pig farrowing unit and Poultry hatchery unit, established through Rashtriya Krishi Vikas Yojana (RKVY), Government of India
3. Shri. Shripad Naik Honorable Member of Parliament, North Goa (Lok Sabha)
4. Shri. Laxmikant Parsekar Honorable Minister for Health, Panchayat and Rural Development, Govt. of Goa
5. Shri. Ramesh Tawadkar Honorable Minister of Sports, Youth Affairs and Tribal Welfare, Govt. of Goa
6. Dr. S. Ayyappan, Honourable Secretary (DARE) & DG (ICAR) visited Institute on 8th November, 2012. Director and Scientists of the Institute explained him about the research activities carried out in the Institute
7. Shri. Pramod Sawant, MLA and Vice Chairman, Goa Infrastructural Development Corporation, Govt of Goa
8. Shri. Pandurang Madkaikar MLA, Kumbharjua Constituency
9. Dr. Panjab Singh Former Director General, ICAR and President FAARD
10. Shri. V. P. Rao Secretary (Agriculture), Govt. of Goa
11. Shri. Dattaprasad Kholkar Deputy Chairman, Planning Commission, Govt. of Goa.

2013-14

1. Shri. Bharat Vir Wanchoo, Hon'ble Governor, Goa
2. Shri. Shripad Naik, Hon'ble Member of Parliament, North Goa
3. Shri. Francisco Sardinha, Hon'ble Member of Parliament, South Goa
4. Shri. Ramesh Tawadkar, Minister for Sports, Youth & Tribal Wlfare, Govt. of Goa
5. Shri. Subhash Phal Desai, Chaiman, INFOTECH Corporation & Member of Legislative Assembly, Sanguem Constituency
6. Shri. Vishnu Wagh, Chairman, Kala Acadamey & Member of Legislative Assembly, St. Andre Constituency
7. Shri. Pramod Sawant, Vice Chairman, Goa Infrastructural Development Coorporation, Govt. of Goa & MLA, Patil Constituency
8. Dr. Alok Kumar Sikka, DDG (NRM), ICAR, New Delhi
9. Dr. K.M.L. Pathak, DDG, (Animal Science), ICAR, New Delhi
10. Dr. B.B. Singh, ADG (Oilseeds & Pulses), ICAR, New Delhi
11. Shri. D.P. Diwedi, Secretary (Agriculture), Govt. of Goa
12. Shri. Hage Khoda, Secretary (Agriculture), Govt. of Goa



13. Shri. Dattaprasad Kholkar, Deputy chairman, Planning Commission, Govt. of Goa
14. Dr. A.K. Shrivastava, Director, NDRI, Karnal
15. Dr. S.M.K. Naqvi, Director, CSWRI, Avikanagar
16. Dr. N.V. Patil, Dir. NRCC, Bikaner
17. Dr. C.S. Patil, Dir. NIANP, Bangalore
18. Dr. G.V. Thomas, Dir. CPCRI, Kasargod
19. Dr. N.C. Sawant, Managing Director, Goa State cooperative Milk Producers' Union Limited, Ponda, Goa
20. Dr. N.D. Jambhale, Ex. ADG (Seeds), ICAR, New Delhi
21. Dr. K.M.L. Pathak, Deputy Director General (Animal Science), ICAR, New Delhi and Dr. C. S. Prasad, Director, NIANP, Bangalore visited ICAR Research Complex for Goa during 23rd February to 25th February 2014. During the visit they reviewed the research work in the animal sciences section and provided inputs for the future research programs
22. Dr. S. Ayyappan, Secretary (DARE) & DG (ICAR), New Delhi along with Dr. A. K. Sikka, DDG (NRM) visited this Institute on 9th April, 2014. Directors and Scientists from the following ICAR Institutes were also present on the occasion , Dr. George V. Thomas, Director, CPCRI, Kasargod, Kerala, Dr. Anand Raj, Director, IISR, Calicut, Dr. P. L. Saroj, Director, Directorate of Cashew Research, Puttur, Dr. V.S. Korikanthimath, Former Director, ICARRC for Goa, Ela, Old Goa, Dr. S. K. Ambast, PC, AICRP on Management of Salt Affected Soil & Use of Saline Water in Agriculture, Dr. P. M. Haldankar, Dean, College of Horticulture, Dr. BSKKV, Ratnagiri, Dr. B. Maji, Head, CSSRI, RRS, Canning Town, Dr. V. V. Singh, Head, CMFRI, RS, Mumbai C, CMFRI, Karwar , Dr. K. K. Philipose, Officer In Charge, KR, Dr. Subhasish Bandyopadhyaya, Incharge, IVRI Eastern Regional Station, Kolkata, Dr. A. K. Chakravarty, Principal Scientist & Head, NDRI, Karnal, Dr. K. Sridhar, Pr. Sci. (Plant Breeding), IGFRI, RRS, Dharwad and Dr. C. Gopal, Pr. Scientist, Central Institute of Brackishwater Aquaculture, Chennai



◀ *Dr. R.S. Paroda, Former Secretary (DARE) and DG (ICAR) Inaugurated the main building*

Dr. R.S. Paroda, Former Secretary (DARE) and DG (ICAR) visited the Animal Science Unit ▶





◀ *Dr. A. K. Singh, DDG (NRM)
visited Cashew Processing Unit*

*Dr. S. Ayyappan, Secretary (DARE) and
DG (ICAR) visited the Institute* ▶





◀ Padma Vibhushan Dr. M.S. Swaminathan, visited the Institute

Padma Vibhushan Dr. M.S. Swaminathan ▶
during the Institute field visit





Shri. Sharad Pawar, Former Union Minister of Agriculture during Tree Plantation Ceremony

Members of Parliamentary Committee for Agriculture visiting the fields





◀ **Shri. Manohar Parrikar, Former Chief Minister of Goa
inaugurated the Poultry Hatchery Unit**

**Dr. A.K. Sikka, DDG (NRM) Interacting with
Scientists during the field visit** ▶





◀ *Dr. A.K. Singh, Former DDG (NRM) visiting the Laboratories of Institute*

Shri. Bharat Vir Wanchoo, Former Governor of Goa visited the Institute ▶

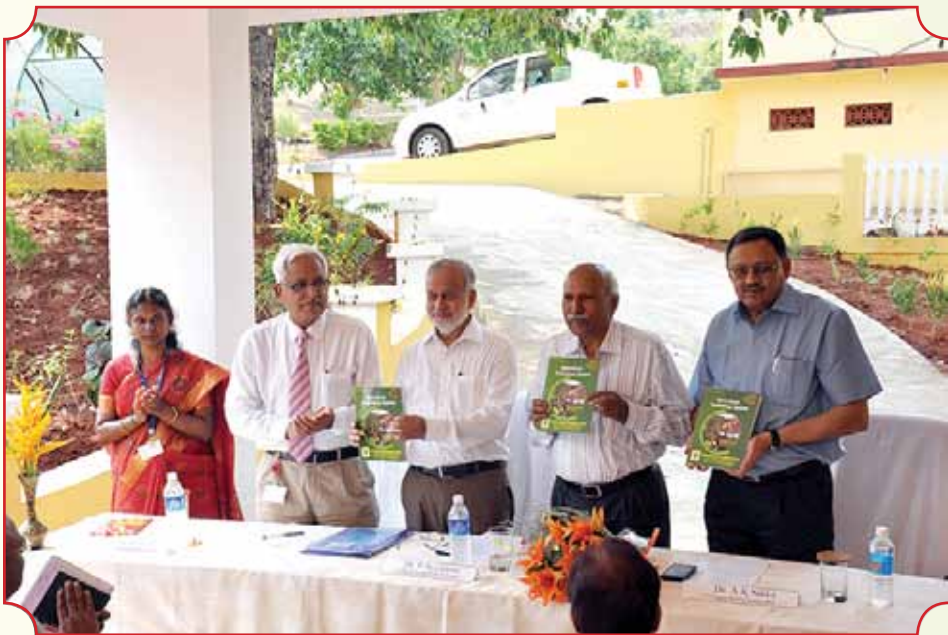




◀ *Shri. Radha Mohan Singh, Hon'ble Union Minister of Agriculture interacting with the Scientists*

Dr. K.M.L. Pathak, DDG (Animal Science) visited the Dairy unit ▶





◀ *Dr. S. Ayyappan, Secretary (DARE) and DG (ICAR)
Releasing 'Technology Options' of the Institute*

*Dr. S. Ayyappan, Secretary (DARE) and DG (ICAR)
and Dr. A.K. Sikka, DDG (NRM) alongwith our Research Team* ▶



Deputation Abroad (1998 - 99)

- Dr. J.R. Faleiro, Scientist Senior Scale (Entomology) was deputed to the Ministry of Agriculture and Water, Kingdom of Saudi Arabia during November, 1993, by the ICAR/ DARE New Delhi as a specialist in a seven member Indian technical assistants drawn comprising of five scientists and two technical assistants drawn from four ICAR Institutes.
- Dr. D.G. Dhandar, Director, ICAR Research Complex for Goa was deputed as a horticultural expert to Iran for a period from 12-7-1997 to 12-8-1997 under the TCDC Project launched by FAO.
- Dr. J.R. Faleiro - Principal Scientist (Entomology), ICAR Research Complex for Goa, was deputed by ICAR/DARE on invitation of the Food and Agriculture Organisation of the UN as consultant on red palm weevil to North Africa (Morocco, Libya and Tunisia) from 8-28th February, 2010.
- Dr. Narendra Pratap Singh, Director, ICAR Research Complex for Goa, Deputed by the ICAR to participate in the NAIP sponsored training programme on Leadership decision Making, Optimizing Organizational Performance conducted by the Harvard Kennedy School Executive Education at Cambridge, Boston, MA United States of America during 29th October - 2nd November, 2012.
- Dr. S. B. Barbuddhe, Deputed to Germany from 13-25th February, 2012 to visit Institute of Medical Microbiology, Justus-Liebig University, Giessen to discuss the work carried out under the Indo-German project and to discuss the research activities under ICMR sponsored Indo German project sanctioned jointly to the German Laboratory and MAFSU, Nagpur.
- Dr. S. B. Barbuddhe, Deputed to Germany during 3-16th February, 2013 to visit Institute of Medical Microbiology, Justus-Liebig University, Giessen to discuss the work carried out under the Indo-German project and to discuss the research activities under ICMR sponsored Indo-German project sanctioned jointly to the German Laboratory and MAFSU, Nagpur.
- Dr. R. Ramesh, is a recipient of DBT- CREST award training for one year from October, 2011 to September, 2012 at University of Georgia, Athens, USA
- Dr Arunachalam is a recipient of NAIP Fellowship for undergoing the International Training on Allele mining at Molecular Cytogenetics Lab of Prof JS (Pat) Heslop-Harrison, University of Leicester, UK) WRKY transcription factors and NBS-LRR resistance genes in Banana during 1st Oct to 23rd Dec 2013.



- Dr. (Mrs) S. Priya Devi, Senior Scientist (Horticulture- Fruit Sciences) was deputed to CSIRO, Canberra, Australia as visiting Scientist under Genome Resource Conservation, funded by NAIP, Component-I Programme. She carried out research on, Genome analysis of *Eucalyptus cladocalyx*, especially on identification of SNPs.
- Dr. Narendra Pratap Singh, deputed for 4th International Rice Congress held at Bangkok International Trade & Exhibition Centre (BITEC), Thailand from 27th October to 1st November, 2014.
- Dr. Narendra Pratap Singh, deputed to visit the International Rice Research Institute (IRRI) headquarters at Philippines from 2nd to 5th November, 2014 to have an overview of the Rice Breeding and Agronomic activities.



Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

INFRASTRUCTURE

Development







Infrastructure Development

Infrastructure development

Aris cell

With the Rs. 5.00 lakhs assistance from NATP, ICAR, New Delhi, a room has been modified and furnished for the installation of ARIS cell. The council also provided a LAN Server, three work stations, a laser printer, MS modem and an UPS.

Computer facility

Additional computers facility were procured and put to use in administration and accounts sections.

Agricultural Research Information System (ARIS) Cell-Facilities available

- Networking
- Network services
- Internet access
- Database service
- Hardware and software trouble shooting
- Virus alerts
- Institute e-mail handling
- A video conference facility was established at the Institute
- Configuration the new IBM server

The IBM server (IBM SYSTEM STORAGE DS3200) was configured with Ubuntu 8.10 Desktop Edition. It was configured with web server - apache, mail server, web based mail application - squirrel mail, proxy server, file server and network. Also php and mysql was configured on the new server. Our website is hosted on this server. As high speed internet connectivity under the National Knowledge Network is provided and the new IBM server is linked to it.



Analytical facilities

High performance liquid chromatography including the accessories was procured and commissioned in the plant protection laboratory. High speed table top centrifuge, incubator were added subsequently. In the animal section, a kJeltek analyser and a spectrophotometer with a computer attachment have been installed and put to use.



Fisheries field laboratory

A fisheries field laboratory with analytical facilities was inaugurated by Dr. K.L. Chadha DDG (Horticulture), ICAR, New Delhi.

Automatic weather station

An automatic weather station (Delta-T) was installed with facilities to record air temperature, soil temperature, wind velocity *etc.*

Feed Technology Unit

A feed technology unit was constructed which contained complete instrumentation facilities for grinding the feed ingredients, mixing and pelletizing. The unit was inaugurated by Dr. R.S Paroda, DG, ICAR, New Delhi.

Rabbit Unit

A rabbit unit was constructed to strengthen the ongoing research programmes in rabbit production. This unit was inaugurated at the hands of Dr. S.P. Ghosh, DDG (Horticulture), ICAR, New Delhi.

Agricultural Technology Dissemination Centre (ATDC)

- Sensitizing interested farmers and formulations of norms for establishing Agro- tourism units.
- Formulating priorities and research programmes to promote Agro-Eco tourism.
- Offering guidance and helping farmers.
- Developing spice gardens/plantations, herb garden, floriculture, biogas plant, vermicompost unit, rabbitry, poultry units, goatery, piggery and integrated farming units.

Intellectual Property Rights (IPR) Cell

- IPR related issues
- All Consultancy related issues
- Paid Training Programmes
- Patenting of the Institute Technology Meeting was organised on April 17th, 2010 at the Institute to brief scientists about the updates of the ZTMC meeting held at Nagpur and to highlight the importance of protecting intellectual property and the need to commercialize technologies developed at this Institute.
- SRF participated in Seminar /workshop on IPR “CII-MoSME Workshop on IPR for MSMEFocus Clusters - Drug & Pharma” organized by Confederation of Indian Industry (CII) and MSME during November 2-3rd, 2010 at Panjim, Goa.



- IPRCell co-ordinator and SRF participated in “ICAR– ZTM-BPD meeting cum workshop West Zone” organised at CIRCOT, Mumbai on March 11-12th, 2011 and IPR Cell coordinator made a presentation on the activities of ITMU at the Institute for year 2010-11.
- Application is put up to NBPGR for Registration of Mango variety “Cardozo Mankurad” to obtain germplasm registration number. Initiative has been taken up for obtaining copyrights for the softwares/ databases developed at this Institute, by coordinating with ZTMC Zone West.
- One hundred seven Listeria cultures isolated at this Institute were deposited with National Facility for Veterinary Type Cultures (NRC on Equines, Hisar, Haryana) and accession numbers were obtained for each culture type under the technical expertise of Dr. S.B. Barbuddhe, Sr. scientist (VPH).
- Institute Technology Management Committee meeting (ITMC) and sensitization programme on “Intellectual Property Rights (IPR): Issues & Perspectives” was held on 1st October, 2012 to discuss matters pertaining to filing of patent application and other IPR issues and to refresh the current knowledge on latest IPR issues and policies in ICAR system.
- An application for the registration of “Agonda Goan Pig” has been submitted to National Bureau of Animal Genetic Resources, Karnal, Haryana.
- Six Kokum, *Garcinia indica* collections Kharekazan 1 (IC-0597955 FRUITS), Savoi kamini 3 (IC- 0597956 FRUITS), Thane 3 (IC-0597957 FRUITS), Hedode 1 (IC-0597958 FRUITS), Parashte 3 (IC- 0597959 FRUITS), and Pednem Keri 1 (IC-0597960 FRUITS) were assigned accession numbers by NBPGR, New Delhi.
- A Memorandum of Agreement (MoA) was signed for commercialization of the technology for ‘production of bypass fat indigenously for dairy animals’ between ICAR Research Complex for Goa, Old Goa and Jeevansanjivani Rural Development Foundation, Govind Dairy Campus, Phaltan, Satara, on 9th December, 2013. The MoA was signed by Dr. Narendra Pratap Singh, Director representing the ICAR and Mr. G. M. Dhumal, President, represented the Jeevansanjivani Rural Development Foundation.
- “Technology and Business Awareness Camp” was organized at this Institute jointly by the ITMU of ICAR Complex for Goa and ITMU and Business Planning and Development Unit, Central Plantation Crops Research Institute, Kasaragod on 20th March, 2014. As a chief guest of the programme, Dr. N. P. Singh, Director and Chairman ITMU, ICAR Research Complex for Goa in his inaugural speech highlighted the need for commercializing the technologies developed by ICAR Institutes. Dr. K. Muralidharan, Head, Social Sciences, CPCRI, Kasaragod, showcased the various commercializable technologies developed at CPCRI, Kasaragod while Shri Nitin Srivastav, Business Manager, CPCRI, Kasaragod highlighted the prospects of commercialisation of the technologies .
- Nineteen *Ralstonia solanacearum* cultures were deposited with microbial culture collection of National Bureau of Agriculturally important microorganisms (NAIM) on 2nd July, 2014, and assigned the Accession Numbers from: NAIMCC-B-01613 to NAIMCC-B-01631.
- Application to obtain IC numbers for nine Amaranth and two Chilly accessions has been sent on 11th June, 2014 to NBPGR, New Delhi for consideration.
- Process for Commercialization of the technology entitled “Production of bypass fat indigenously” with second client viz. Milk Producers Cooperative Society, Koppal, Koppal District, Karnataka is initiated.





Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

*Krishi Vigyan
Kendra*







Krishi Vigyan Kendra

Introduction

Krishi Vigyan Kendra was sanctioned by ICAR during 1983. It was actually started functioning from 1st April, 1984 under ICAR Research Complex for Goa, Ela, Old Goa which was then under the administrative control of Central Plantation Crops Research Institute, Kasaragod. From 1989 since ICAR Research Complex was elevated to full fledged research Institute. KVK was directly under the control of ICAR Research Complex for Goa which was declared as host Institute for KVK, and the Director, ICAR Research Complex is now Chairman of the Scientific Advisory Committee of KVK being host Institute. Initially KVK was functioning in host Institute building i. e. from 1984 to 2001. It was shifted to farmers hostel in 2002. In the year 2005 an administrative building of KVK was constructed and thereafter it started functioning from new building. From 1984 to 2005, KVK was catering to the needs of whole Goa state. After starting of separate KVK for South Goa in 2005, this KVK is now catering exclusively for North Goa. This is technically attached to Zone VIII which is located in Bangalore. Zonal Project Director, Zone VIII is the technical head of this KVK.



About 20 ha of land have been earmarked for KVK in block C of ICAR Research Complex for Goa. KVK is headed by Programme Coordinator and assisted by 6 Subject Matter Specialist in the discipline of Agronomy, Horticulture, Plant Protection, Home Science, Animal Science and Agriculture Extension. Team of Computer Programmer, Lab Technician and Farm Manager is also assisting Programme Coordinator. In addition to administrative building, training hall and farmer's hostel, KVK has following facilities.

Infrastructure

a) Land

Total Area (ha)	Area Cultivated (ha)	Area occupied by buildings and roads (ha)	Area with demonstration units (ha)
18.00	5.00	1.20	1.0295



b) Buildings

Administration Building
Trainees Hall
Trainees Hostel

c) Demonstration Units

Vermicompost Unit
Crop Court
Ornamental Garden
Mango Orchard
Cashew Orchard
Goats Unit
Poultry Unit
Dairy Unit
Nursery Unit
Fodder Bank
Integrated Agriculture Technology Model
Polyhouses
Homestead farming

d) Laboratories

Soil and Water Testing Lab
Trichoderma production Lab
Home Science Lab
Information Technology Lab

KVK bagged All India Best KVK Award in 2008



Service Provided

The KVK is providing the services to the farming community and other stakeholder in agricultural and allied sectors through:

- Assessment and refinement of various technologies and conducting On Farm Testing trials at farmers' fields.
- Conducting large scale demonstrations of economically viable technologies at farmers' fields.
- Imparting trainings to the farmers/ farm women, rural youth, extension functionaries.
- Conducting vocational trainings to develop entrepreneurships.



- Production and supply of various inputs such as seeds, planting materials, breeds, *Trichoderma viride* (Bio control agents), Spawn, Vermicompost, Earthworms, etc.
- Farm advisory services
- Diagnostic visits
- Technology dissemination through lectures, demonstration, displays, publications, *etc* at various forum. Creating awareness through conducting various extension activities like Kisan mela, seminars, symposiums, farmers meets, workshops, field days, exhibition, etc.

Major Achievement & Important Technologies Transferred

1. **On farm testing:**

Under this programme 521 trials were conducted covering 51.25 ha area till January, 2015.

2. **Front line demonstration:**

Under this programme total 759.15 ha area has been covered on various enterprises, and 3,231 farmers are benefited till January, 2015.

3. **Training programmes:**

A total of 2,658 training programmes for farm men and women, rural youth and extension functionaries were conducted in which 43,545 personnel participated till January, 2015.

4. **Planting material production:**

In all 3,75,044 Nos. grafts/seedlings of various crops like mango, cashew, coconut, arecanut, drum stick, etc. prepared in nursery and supplied to needy farmers at reasonable cost till January, 2015.

5. **Other extension activities conducted:**

Some of other important extension activities are being conducted to create awareness and popularize technologies till January, 2015.

1. Field days	:	65
2. Agricultural Exhibition	:	66
3. Farmers fair	:	25
4. Radio talks	:	185
5. TV Programmes	:	55
6. Popular articles	:	111
7. Pamphlets prepared	:	43
8. Various days celebrated	:	95
9. Special lectures	:	381



SMS / Technical



Shri. Vishram Y. Gaonkar
SMS T-9



Shri. H.R. Prabhudesai
SMS T-9



Smt. Sunetra M. Talaulikar
SMS T-9



Shri. H.R. Chidananda Prabhu
SMS T-9



Dr. Vilas S. Sakharkar
SMS T-6



Shri. Udharwar Sanjay Kumar
SMS T-6



Shri. Shashi Vishwakarma
T-4, Programme Asst.



Shri. Vishwajeet S.K. Prajapati
T-4 (Computer)



Technical / Other Staff



Shri. Deep Kumar
T-4, (Farm Manager)



Shri. Vishwas Sharma
Assistant



Smt. Shreya Chaitanya Barve
Stenographer Gr. III



Shri. Irappa Malappa Chalwadi
Driver-cum-Mec. T-4



Shri. Dilkush Ram Velip
Driver, T-1 (KVK)



Shri. Payak Jorgo Padkar
Skilled Support Staff



Km. Sarita T. Zaro
Skilled Support Staff





Memoirs

Journey of ICAR Research Complex for Goa to
Central Coastal Agricultural Research Institute

WISHES AND BLESSINGS BY

*Distinguished
Visitors*







Wishes and Blessings by Distinguished Visitors....

Visitors Book				
S. No.	Date	Name & Address	Place	Comments
	9.5.2014	S. Pragasam, 36, 1147, Pinar Jethi		The report of the Team at Goa for going to the field for 45 days was very good. I am glad to see the progress of the field. I am glad to see the progress of the field. I am glad to see the progress of the field.
	7/5/14	Alex K. Silva, 605/100, N. M. J. Road		We had a very good time at Goa. I am glad to see the progress of the field. I am glad to see the progress of the field. I am glad to see the progress of the field.

Visitors Book				
S. No.	Date	Name & Address	Place	Comments
	20/10/14	Dr. V. S. K. K. North, North Karnataka, Mysore 1000, Karnataka, Mysore Goa # 22, S. Pragasam Opp. S. Pragasam, Mysore Karnataka Mysore, Karnataka Karnataka Karnataka Karnataka		Received on 20/10/14. The report of the field for 45 days was very good. I am glad to see the progress of the field. I am glad to see the progress of the field. I am glad to see the progress of the field.

Date	Name & Address	Place	Comments
19/10/14	A. N. Silva 605/100, N. M. J. Road N. M. J. Road, Goa		I enjoyed my visit to the field very much. I am glad to see the progress of the field. I am glad to see the progress of the field. I am glad to see the progress of the field.

S. No.	Date	Name & Address	Place	Comments
	19/10/14	A. N. Silva 605/100, N. M. J. Road		I am very glad to see the progress of the field. I am very glad to see the progress of the field. I am very glad to see the progress of the field.



10/01/11 Dr. A. K. SINHA
 RURAL PROJECT DIRECTOR
 Zone-IV, ICAR, KANPUR - 208005

9511-453206
 9335724983

I visited this institute
 recent past when I visited
 institute this time during 10-11-
 2011. We were marked diff
 in presentation of exhibition
 and the institute as well.
 The approach of the institute
 to work on innov
 technologies under the
 leadership of Dr. N. P. Singh
 appreciable. The work of
 the technology module
 developed for farmers
 are worthy of appreciation
 keep work.
 The institute also has
 some very close linkage with
 the stakeholders. The organization
 should not education component
 and also does not commitment

I wish all the best for
 the institute's activities in future
 Dr. A. K. Sinha

Date	Name & Address	Phone	Comments
27.09.2011	M. C. Bhowmik	(091) 2454 4796	I am very happy as found to the extent dynamic growth and development of the centre. I am particularly happy to observe the close interaction between scientist and farm families. This is the need of program in ensuring the productivity and profitability of small farms. I wish N.P.S. might not be forgettable of the Centre's goal always in steadily in better matters of hope and in the success of the of Goa. M. C. Bhowmik 27.9.2011

Date	Name & Address	Phone	Comments
26/4/11	Prof. M. J. Modayil Member H. S. R. B. New Delhi		ICAR Regional Centre Goa has great potential to develop to a multi- disciplinary institute addressing the agriculture, horticulture, animal husbandry, fishery, etc. of local regions. Now mixed crops with high value horticulture could be promoted through a few demonstration (FD) farms. Agriculture Centre should be expanded the centre can change the agriculture sector of the region. Best wishes! J. J. J. J.

Date	Name & Address	Phone	Comments
06/05/11	Dr. Alexia Siqueira Hon'ble Minister for Environment & Forest, Govt of Goa	9822102474	constructive interaction with ICAR scientists and ODA understood the initiatives taken towards multi-disciplinary agriculture-related issues towards sustainability of Goa's economic development about the state-specific focus in prioritizing the agriculture sector.



VISITORS BOOK				
No.	Date	Name & Address	Phone	Comments
		Dr. Pramod Sewant	9263551550	ICAR will give Road map for the future
		Dr. J. S. Pandurang A. Moolbalkar	982220081	Very Impressive work done by ICAR. <i>Shilpa</i>
		Mr. V. S. Rangarajulu, Srirangapatna	989089222	Very Good Tea - Visit the farm.

VISITORS BOOK			
Date	Name & Address	Phone	Comments
5.14	Dr. J. S. Pandurang A. Moolbalkar	982220081	Very Impressive work done by ICAR. <i>Shilpa</i>

Date	Name and Address	Remarks
10.5.92	Dr. P. Gopalakrishnan To His Excellency P. K. V. Srinivasulu	Visited the Commission being formed Comparison with the work being carried out. India are the stress on research in their hands.
4.9.1993	Dr. H. V. Rao Viz. Director Andhra Pradesh Agr. Univ. Hyderabad	I am very happy to have seen a large farm and see the progress made by the ICAR. Our facilities. The farm is well equipped especially with the use of ATMs. Also, facilities include a healthy state. I would like to see the farm and progress. We must continue to provide and maintain the high level of the farm. It is good to see in Andhra Pradesh, especially in the field of animal husbandry, fisheries and forestry. I have been to see the farm. We have to keep these farms in mind and progress them. My best wishes to all of you.

Date	Name and Address	Remarks
30.12.97	Peter P. MAKAROV Counsellor / Agriculture (Food), Embassy of Russian Federation Lubov Z. Makarov	It was very interesting visit The Research work in Progress is very important and well done We wish much success and new results. All the best for Indians from your friends from Russia Long live friendship between India and Russia <i>Wangji - J. Wang</i>



VISITORS BOOK		
Date	Name and Address	Remarks
8.9.98	Zarebu Hlyshko, Minister of Plants etc. Govt of Personnel	I pay a visit to the ICAR Govt. Bldg. & Institute building here for me a warm welcome. The Hostel and some of the visitors they has implemented. I find very interested and thankful to the authorities. Ravi 8.9.98

VISITORS BOOK		
Date	Name and Address	Remarks
23rd 1999	SOM PAL, MINISTER STATE FOR AGRI. & WATER RESOURCES GOVT OF INDIA	On my second visit today, (the first being in 1988) I was pleased to note the progress made by the Complex. It has been able to retain the tempo of all activities and several new ones, including my fundamental research in some disciplines, both require all support. The Complex can surely play a much larger role in dev. economy of this important eco-zone - the KONKAN, region. I felicitate Dr. P.G. Shan- dhar and his team! S.Pal

VISITORS BOOK		
Date	Name and Address	Remarks
19th Oct, 1999	B.K. Chauhan, IAS, Jt. Secretary & Secretary, ICAR, Ministry of Agriculture, Govt. of India, K.B. Nandorbi	This is my latest visit to the Complex, first being May, 1999, when ICAR Sports were organised by this complex. I am highly appreciative of the Director's team in this Institute, who hold two major events of ICAR, i.e. Annual Sports and the CISC meeting in one year with limited manpower and resources at their disposal. The impressive infrastructure and the surrounding farms are not only well kept but also speaks of the serious research work being carried out by them. I wish the Institute well. B.K. CHAUHAN

VISITORS BOOK		
Date	Name and Address	Remarks
20.12.2000	Aravind D'Souza Minister for Agriculture	There is lot of scope for the Institute to improve the life of the people in Govt of the employees to take it as a their effort give benefit to the people and the state. I wish the institute a great success.
5/2/2002	Dr. R.C. MAHESHWARI RDC (CIC) ICAR	ICAR Complex, Goa is a unique institution having come of age in its prime youth. On 5th a group will ward use infrastructure & lab and is fully prepared to implement 11th and 12th programmes which will have significant impact on the agricultural scenario in the state. R.C. MAHESHWARI



VISITORS BOOK		
Date	Name and Address	Remarks
11. 11. 2020	Dr. Subir Das 1100, Prabhakar St. 2nd Flr B. R. S. and A. S.	Planned to visit SCAR Confer. Room - 06th work of Scientific & M. M. organization is waiting for improvement of research team. I wish all success! <i>[Signature]</i> 11. 11. 2020
5. 11. 2020	DR. ARANHA LINEN DR. ASKI. L. Life Sciences D. R. D. BR. New Delhi	Education visit. Then a rough sketch of joint research project between ICAR Research Complex and DRDC, Agri. & Food Techn. under CRCA - ICAR initiative of in progress. I appreciate dedicated scientific of Dr. Ar. complex for excellent research work & other contribution. Thanks to Dr. Ar. for providing me an opportunity to learn from the best strategies developed by the Reg. Complex. <i>[Signature]</i>

VISITORS BOOK				
S. No.	Date	Name & Address	Phone	Comments
7.	10/11/20	Mr. Alexia Esquivel Hon'ble Minister for Environment & Forest, Govt. of Goa	9821021074	constructive interaction with ICAR scientists and DCR, understand the initiatives taken towards multi-disciplinary agri-related issues towards sustainability of Goa resources. Appreciated about the state-specific focus in fortifying the agricultural sector. <i>[Signature]</i>

Visitors				
S. No.	Date	Name & Address	Phone	Comments
	11/12	V.P. SARDHATE, Secy. of Planning Commission	222277220	An excellent work which need to be replicated in 20th plan. Campus can take on more responsibility for between Govt. & ICAR 2. JFS 3. Agri soil mapping 4. Agri changes 5. Dairy fishery 6. Commercial application of technology <i>[Signature]</i> 11/12

S. No.	Date	Name & Address	Phone	Comments
	9.6.19	Punjab Singh X-04, ICAR	9051666613	Visit to farm and to other sites was good. Campus setup and maintenance is quite impressive. <i>[Signature]</i> 9/6/19



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भारतीय कृषि अनुसंधान परिषद

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(Indian Council of Agricultural Research)

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