

RESUME

NAME: DR. F.K. BAURI

DESIGNATION: PROFESSOR

CONTACTS:

1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

Professor & Head, Dept. of Fruit Science, Faculty of Horticulture & Horticulturist ICAR-AICRP on Fruits,
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5. GOOGLE SCHOLAR PROFILE: https://scholar.google.com/citations?hl=en&user=-_lplRAAAAAAJ

6. RESEARCH GATE PROFILE: <https://www.researchgate.net/profile/Fatik-Bauri-2>

7. DATE OF BIRTH: 04/01/1969

8. DATE OF JOINING TO THE UNIVERSITY: 19/12/1997

9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph. D.(Hort.)	BCKV	2002
MASTER'S	M. Sc. (Ag) in Hort.	BCKV	1994
BACHELOR'S	B.Sc. (Ag) Hons.	BCKV	1991

10. EMPLOYMENT HISTORY:(Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Professor	BCKV	07/09/2012	Continuing
Associate Professor	BCKV	07/09/2006	06/09/2012
Assistant Professor (Sr. Scale)	BCKV	04/07/2002	06/09/2006
Assistant Professor (Jr. Scale)	BCKV	19/12/1997	03/07/2002

11. ADMINISTRATIVE POST(S)/ RESPONSIBILITY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	OIC, ICAR-AICRP on Tropical Fruits	01/06/2012	31/03/2014
2.	OIC, ICAR-AICRP on Fruits	01/04/2012	31/05/2017

3.	Secretary, Faculty Council, Faculty Horticulture	30/06/2014	30/06/2019
4.	Secretary, Faculty Council, Faculty Horticulture	09/11/2020	08/05/2021
5.	Secretary, Faculty Council, Faculty Horticulture	03/11/2021	02/11/2023
6.	HOD, Fruit Science, Faculty of Horticulture	01/12/2023	Continuing
7.	Chairman, SC/ST Welfare Cell, BCKV	31.03.2023	Continuing

12. AREA OF RESEARCH : (Bulleted list)

- During Ph. D Research worked on Mango at RRS, Jhargram from 1995 -97.
- Research work on citrus and pineapple for collection, conservation, maintenance of germplasm and production technology at RRSS Pedong under AICRP on Tropical from 19.12.1997 to April 2000.
- Research work on mandate crop of Banana, Jackfruit, Mango, Litchi, Guava and Avocado for collection, conservation, maintenance of germplasm and production technology at Mohanpur Centre under AICRP on Tropical Fruits & Fruits from May 2000, till date.
- Standardization of production technology viz., rootstock, population density, nutrition, cropping system, weed control and water management of different tropical & Subtropical Fruits

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDER GRADUATE	a) HORT. 152	Fundamentals of Horticulture (Old System)	3(2+1)
	b) HORT.151	Tropical and Subtropical Fruits	3(2+1)
POST GRADUATE	a)FRT-502	Water Management in Fruit Crops (Old System)	3(2+1)
	b)FSC 503	Propagation & Nursery Management in Fruit Crops	3(2+1)
	c) FSC 504	Growth & Development of Fruit Crops	3(2+1)
Ph.D.	a)FSC 602	Modern Trend in Fruit Production	3(3+0)
	b)FSC 751	Advances in Production of Fruit Crops-II (old System)	2(1+1)
	c)FSC 753	Biotic & Abiotic Stress Management in Fruit Crops	3(2+1)

14. NUMBER OF STUDENTS SUPERVISED:

Master's.: 14, Doctoral: 8

15. RESOURCE PERSON FOR OTHER INSTITUTES

- External examiner for Ph.D Thesis Viva Voce evaluation, practical as well as theory answers scripts evaluation of Uttar Banga Krishi Viswavidyalaya, Pundibari, Coochbehar.
- External examiner for thesis paper evaluation of University of Calcutta.
- Expert member and paper setter/ evaluator for recruitment to the post of SMS West Bengal University of

Animal and Fishery Sciences.

- d. External examiner for vocational courses of Moyna College, Vidyasagar University .
- e. External examiner for M.Sc. thesis of Nagaland University.
- f. Question paper setter for Courses of Birsa Agricultural University, Ranchi
- g. Moderator in a subject for class XI Annual Examination & (X+2) Higher Secondary (Vocational) Examination.
- h. Question Setter for H. S. Vocational Courses, West Bengal State Council of Technical and Vocational Education and Skill Development.
- i. Act as an Academic Expert for revision of syllabus and NSQF Alignment of Vocational Courses in Agricultural Discipline of WBSCT VE & SD, Kolkata, 2021
- j. Act as an expert for Training of Teachers of Vocational Agriculture/Horticulture Discipline of “Propagation and Nursery Management Programmer (PNMP)” 2022.

16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

1. Journal of the Horticultural Society of India. Indian Journal of Horticulture, IARI, New Delhi-110012 (India)
2. Society for Advancement of Horticulture, The Horticulture Journal. F/Hort.,BCKV, Mohanpur-741252, Nadia, West Bengal.
3. The Orissa Horticultural Society. The Orissa Journal of Horticulture. Dept. of Horticulture, OUAT, Bhubaneswar- 51003.
4. Crop and Weed Science Society. Journal of Crop and Weed. Dept. of Agronomy. BCKV, Mohanpur-741252, Nadia, West Bengal.
5. Seed Science Society of Bangladesh. Bangladesh Agricultural University, Mymensingh, Bangladesh,
6. International Journal of Minor Fruits, Medicinal & Aromatic Plants (IJMFM & AP) and also treasurer of the Society.
7. Founder & Executive Member of Academy for Advancement of Agricultural Sciences (AAAS). Membership ID: AAAS/LM/2021/008.

17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Survey, Collection, Conservation and Maintenance of under Utilized Fruits in West Bengal.	RKVY	Completed	PI
2	National Initiative on Climate Resilient Agriculture (NICRA) on Banana.	ICAR-IIHR	Completed	PI
3	National Initiative on Climate Resilient Agriculture (NICRA) on Mango.	ICAR-IIHR	Completed	PI
4	Bio-efficacy data generation on Diuron 80% WP in Grapes.	Rainbow Agro Sciences Pvt. Ltd.,	Completed	PI
5	Evaluation of FLAMBERGE as a bio-stimulant in Tomato.	ADAMA India Pvt. Ltd.,	Completed	PI

6	Bio-efficacy & Phytotoxicity data of Sodium ParaNitrophenolate 0.3% SL (PGR) in mango & cucumber.	NACL Industries Ltd	Completed	PI
7	Evaluation of Pendimethalin 24% + Oxyflurofen 4.1% ZE against weeds in Onion Crop.	Insecticides India Ltd.	Completed	PI
8	Giberellic Acid 0.001% L. for Efficacy, Phytotoxicity in Banana.	Penshibao Wang Pvt. Ltd	Ongoing	PI

18. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME

A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	Farmer's training programme on propagation and Nursery Management	2 day	ICAR-AICRP on Fruits Premises, BCKV	Organizer
2	Farmer's training programme on Technology Demonstration on Banana	1 day	ICAR-AICRP on Fruits Premises, BCKV	Organizer
3	Farmer's training programme on Technology Demonstration on Jackfruit	1 day	ICAR-AICRP on Fruits Premises, BCKV	Organizer
4	Farmer's training programme on Technology Demonstration on fertilizer application in fruit crops	1 day	ICAR-AICRP on Fruits Premises, BCKV	Organizer
5	Awareness programme on importance of minor fruit as nutrition for human being	1 day	ICAR-AICRP on Fruits Premises, BCKV	Organizer
6	Awareness programme on importance of vegetable jackfruit cultivation for getting higher market price	1 day	ICAR-AICRP on Fruits Premises, BCKV	Organizer
7	Training on different propagation techniques of fruit crops	2 day	ICAR-AICRP on Fruits Premises, BCKV	Organizer

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	Jackfruit: A Promising Fruit Crop for Future	1days	Online in Farmlore group	Expert
2	Packages of Practices of Banana cultivation	1days	Sasya Shyamala Krishi Vigyan	Expert
3	Packages of Practices of Jackfruit cultivation	1days	Sasya Shyamala Krishi Vigyan	Expert
4	Propagation and Nursery Management	2days	BRAIPAD, Kalyani, Nadia	Expert

19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc**A. ORGANIZED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	“Banana Industry Present Scenario and Future Strategies”	11-13 June 2004.	Lake Hall, BCKV	Organizer
2	Biennial Group Meeting of AICRP on Tropical Fruits	4 days, 2006	Lake Hall, BCKV	Organizer
3	National Seminar on “Integrated Production and Postharvest Management of Tropical Fruits”.	11-12 April, 2006	Lake Hall, BCKV	Organizer
4	Biennial Group Meeting of AICRP on Tropical Fruits	4days, 2011	Lake Hall, BCKV	Organizer

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
SEMINAR/ SYMPOSIUM/				
1.	Seminar on Banana Industry- Present Scenario and Future Strategies”	11-13th June, 2004.	Lake Hall, BCKV	Organizer
2.	First International Weed Seminar on “Innovative Approaches of Eco-safety Weed Management”	21 st -24th Jan, 2005.	Kolkata, India	Participant
3	National Symposium on “Sustainable Production & Export of Horticultural Crops”	2-4th Dec. 2005.	Lake Hall, BCKV, Kalyani	Participant
4.	International Symposium-2006. Indian Mycological Society.	23-25th Feb 2006	Dept. of Botany, University of Calcutta.	Participant
5.	National Seminar on “Integrated Production and Post harvest Management of Tropical Fruits”.	11-12 April, 2006	Lake Hall, BCKV	Organizer
6	National Symposium “A New Vista to Forage Crop Research”,	10-11 th Sept., 2007.	Lake Hall, BCKV	Participant
7	National Conference on Banana,	25-28 th Oct., 2007.	Tiruchirapalli, Tamil Nadu.	Presenter
8	National Symposium on Microorganisms and their role in Plants and Human	03-05 th Dec., 2009.	Dept. of Botany, Univ. of Calcutta,	Participant

	Affairs.			
9	National Conference on “Horticulture for Rural Development-Biotechnological and Biological Aspects”	25 th Sept.,, 2010.	Dept. of Chemistry. Jadavpur University, Kolkata.	Participant
10	4th Indian Horticultural Congress 2010.	18 th -21 st Nov.,2010	New Delhi, India	Presenter
11	9th National Symposium on Crop Health Management for Sustainable Agri-horticultural Cropping System.	17-19 th Feb., 2011,	CARI, Port Blair, A & N Island, India.	Presenter
12	International Symposium on “System Intensification towards Food & Environment Security”.	24-27 th Feb., 2011	FTC, BCKV, Kalyani	Participant
13	UGC-Sponsored National Level seminar in collaboration with BCKV, Organic Agriculture and Bio-safety.	18 th Nov., 2011	Bioscience dept. of Gurudas College	Participant
14	International Symposium on Minor Fruits and Medicinal Plants for Health and Ecological Security (ISMP & MP)	19 th -22 nd Dec., 2011,	FTC, BCKV	Organizer
15	3rd International Conference on “Quality Seed and Food Security under Changing Climate”	08-10 th Feb., 2012	Mymensingh, Bangladesh,	Presenter
16	Golden Jubilee Seminar on “Advances in Agricultural Research towards Food Security and Environmental Sustenance”	1-3 Sept., 2012.	PSB, Visva- Bharati, W.B.	Participant
17	International Symposium on “Food Security Dilemma: Plant	7-9 th Dec., 2012.	FTC, BCKV	Participant

	Health and Climate Change Issues”,			
18	National Consultation Meeting on Jackfruit.	01.06.13	BRS, Kannara, KAU, Kerala.	Rapporteur in Session II
19	National Seminar on Agriculture and Bio-diversity in Changing Scenario.	1-3 Feb.,2014.	PSB,Visva- Bharati, W.B.	Participant
20	International Seminar on Integrating Agriculture and Allied Research: Prioritizing Future Potentials for Secure livelihoods (ISIAAR),	6-9 th Nov., 2014	CHRD, BCKV,	Participant
21	National Seminar on Soil Health: Key to Sustainable Agriculture(SHKSA).	14-15 th Nov., 2015	PSB,Visva- Bharati, W.B.	Presenter
22	National Symposium on “Sustainable Agriculture for Food Security & Better Environment.	17-18th Dec., 2015.	FACC, BCKV, Kalyani,	Participant
23	National Conference on ‘Horticultural Education’	24th, Sept., 2016.	IIHR, Bengaluru.	Participant
24	Meeting on formulation of future needs for continuation ICAR-AICRP on Fruits	26th & 27th Sept., 2016.	IIHR, Bengaluru.	Presenter
25	Participation for the review of the Coordinated Programme of jackfruit, papaya and sapota under ICAR-AICRP on Fruits	14 th June, 2018.	Periyakulam, HC&RI, TNAU	Presenter
26	Participation in the National Seminar on ‘Vegetable Nutritional Security under Changing Climate Scenario’.	6-7 th Dec., 2018	FACC, BCKV, Kalyani	Participant
WORKSHOP				
1	Biennial Workshop on Tropical Fruits	5-8th January 2000	MPKV, Rahuri, Maharashtra	Presenter

2	Biennial Workshop on Tropical Fruits	18 th -21 st March, 2002	TNAU, Coimbatore. T.N	Presenter
3	Biennial Workshop on Tropical Fruits	7-10 th , February, 2004	S.V. Ag. College, Tirupati, A. N.G. R. Ag. University,	Presenter
4	Biennial Workshop on Tropical Fruits	7-10th April 2006.	BCKV	Presenter
5	Biennial Workshop on Tropical Fruits	9-12th May, 2008.	TNAU, Coimbatore. T.N	Presenter
6	Workshop on Tropical Fruits	16-19 Nov, 2009	KAU, Thrissur, Kerala.	Presenter
7	Biennial Workshop on Tropical Fruits	18-21st July, 2011.	BCKV	Presenter
8	Biennial Workshop on Tropical Fruits	8-11 Feb.2013	YSR Horticulture University, AP	Presenter
9	Workshop on Tropical Fruits	22-25 th January, 2014.	DR. BSKKV, Dapoli, Maharashtra,	Presenter
10	Workshop on Tropical Fruits	26th Feb, to 1st March 2015.	MPUA & T Udaipur, Rajasthan	Presenter
11	Workshop on Tropical Fruits	March 03 to 06, 2016.	PAU, Ludhiana- Punjab.	Presenter
12	Workshop on Tropical Fruits	3rd to 9th January, 2017.	IIHR, Bengaluru, Karnataka	Presenter
13	Workshop on Tropical Fruits	15th to 19th Feb., 2018.	ICAR-NRCB, Trichy, Tamil Nadu.	Presenter
14	Workshop on Tropical Fruits	16 to 19 Feb., 2020.	PAU, Ludhiana, Punjab.	Presenter
15	8 Group Discussion (8GD)- Virtual Meeting	3rd to 6th March 2021.	IIHR, Bengaluru,	Presenter
16	9 Group Discussion (9 GD)- Virtual Meeting	8-11 th March 2022.	IIHR, Bengaluru,	Presenter
17	10 Group Discussion (10 GD)- Virtual Meeting	28th Feb. to 3rd March, 2023	IIHR, Bengaluru,	Presenter
18	11 Group Discussion (11 GD)	22nd to 25th January, 2024	NAU, Navsari, Gujarat.	Presenter

20. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

- Three superior selection of banana (BCB-1, BCB-2 and BCB-3) are recognized as promising and they are in ICAR-AICRP Fruits & ICAR Portal.
- One Superior jackfruit selection suitable for vegetable is proposed for recommendation as farmer's variety.

21. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):

- NIL

22. PUBLICATIONS

A. BOOKS

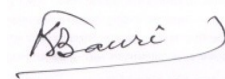
- a) Banana Research in India (2006). Edt, B. Bandyopadhyaya, S.K. Sarkar, F. K. Bauri & D.K. Misra Copy Right Directorate of Research, BCKV.
- b) Tropical Fruits (2011). Edt, B. Bandyopadhyaya, S.K. Sarkar, F. K. Bauri & D.K. Misra Copy Right Directorate of Research, BCKV.
- c) Advances in Post Harvest Management, Processing and Value addition of Horticultural Crops: Part 1: Fruits and Flowers Crops. Editors: Nilesh Bhowmick, Fatik Kumar Bauri, Arghya Mani, Pran Krishna Thakur & Sachin Sharma. Published by- Today & Tomorrow's Printers & Publishers. 4436/7, Ansari Road, Daryaganj, New Delhi, 110002. (2018),pp 1-573
- d) Basic Concept of Fruit Science (2024). by Tanmoy Mondal, Mahabub Alam & Fatik Kumar Bauri International Books & Periodical Supply Service, 38 Nishant Kunj, Main Road Pitampura, Delhi 110034 (India). Exclusive Distributed by- Satish Serial Publishing House, Delhi 110033 (India).

B. BOOK CHAPTERS (Best 10)

- a) K. Dey, A. Ghosh, P. Dutta, S. Das and **Bauri, F.K.** (2017). Impact of Exogenous and Endogenous Hormones on Maturity and Ripening of Fruits Crops. In: Dutta, A. K. and Mondal, B (Eds), Fruits for Livelyhood: Production Technology and Management Practices Published by Agrobios (India), Jodhpur, India.pp. 581-589.
- b) K.Dey, A. Ghosh, **Bauri, F.K.**, D. K. Misra and P. Choudhuri (2017). Wood Apple: A Semi-wild Popular Minor Fruit of India. In: Dutta, A. K. and Mondal, B (Eds), Fruits for Livelyhood: Production Technology and Management Practices Published by Agrobios (India), Jodhpur, India.pp. 249-259.
- c) A. Ghosh, K.Dey, Das B. C., **Bauri, F.K.**, Bhowmick, N., Dey, A. N. and Medda, P.S. (2018). Lemon (*Citrus limon* Burm.) Reproductive Behaviour Affected by Different Pruning Intensities and Integrated Nutrient Management under Various Growing Seasons. In: Gantait, S., Majumder, J. and Mitra, M. (Eds), Advances in Floriculture and Urban Horticulture. pp. 458-462.
- d) K. Dey, A. Ghosh, **Bauri, F.K.**, Dey, A. N., Bhowmick, N., and Das B. C. (2018). Rooting Response of Stem Cutting in Indian Hog Plum (*Spondiaspinnata* Linn.) by Different IAA Concentration and Cutting Length. In: Gantait, S., Majumder, J. and Mitra, M. (Eds), Advances in Floriculture and Urban Horticulture. pp.463-466.
- e) A. Ghosh, K., Dey, **Bauri, F.K.**, A. N. Mani, Dey, A. N. (2018). Implication of Nano Technology in Horticulture. Hi-Tech Horticulture. Advance Technique. New India Publishing Agency, New Delhi-110 034 :Vol (7) Pp 141-150.
- f) K., Dey, A. Ghosh, **Bauri, F.K.** (2018). Remote Sensing in Horticulture- A Review.Hi-Tech Horticulture. Advance Technique. New India Publishing Agency, New Delhi-110 034 :Vol (7) Pp 99-113.
- g) P. Kundu, N. K. Adhikary, R. Mallick & **F.K. Bauri** (2021). Genetic advancement of banana through molecular breeding.Role of Basic Sciences in Modern Engineering Education. Editor Aruna Kumar Nakkella ISBN No: 978-3-96492-295-3, pp; 65-75.
- h) Barman, P.D., Rajashree, V. **Bauri, F.K.** and Rathour, T.P. (2024). Cactus Pear. Minor Fruit Crops -An inclusive study. Published by Walnut Publication (an imprint of Vyusta Ventures LLP) www.walnutpublication.com. Authored by T. P. Rathour, R. P. Singh, P. Datta & P. K. Nimbolkar, Pp-86-88.

C. RESEARCH PAPERS (Best 10)

1. **Bauri, F. K.**; Misra, D. K. and Sarkar, S. K. (2002). Effect of planting time on post-harvest performance of banana cv. Martaman. *Indian Journal of Horticulture*, **59** (2): 127-129.
2. **Bauri, F. K.** and Ghosh, S. N. (2002) Performance of different available mango cultivars for semi-arid region of West Bengal. *Environment and Ecology*, **20** (3): 588-592.
3. Ghosh, S. N. and **Bauri, F.K.** (2003). Effect of mulching on yield and physico-chemical properties of mango fruits cv. Himsagar grown in rainfed laterite soils. *Orissa Journal of Horticulture*. **31** (1): 78-81.
4. Sarkar, S. K.; **Bauri, F. K.**; Misra, D. K. and Bandyopadhyay, B. (2005). Cultivating Jackfruit – an alluring business in West Bengal. *Indian Hort.*, **50** July –September 2005. pp. 25-27.
5. **Bauri, F.K.**, Sarkar, S.K, Bandyopadhyay, B, Misra, D.K., Debnath, S. and Chakraborti, K. (2010). Banana- cowpea association in the perspective of weed management in banana plantation under new alluvial zone of West Bengal. *Journal of Crop and Weed*. **6**(2): 72-75.
6. **Bauri, F.K.**, Sarkar S.K., Bandyopadhyay, B., Misra, D.K. and Debnath, S. (2013). Intercropping with Vegetables in Winter and Summer Planting of Banana cv. Martaman (AAB). *The Hort. J.*, **26** (**1&2**), pp-11-15.
7. **Bauri, F.K.**, De, A., Misra, D. K., Bandyopadhyaya, B., Debnath, S. Sarkar, S. K. and Avani, P (2014). Improving yield and quality of banana cv. Martaman (*Musa* AAB, Silk) through micronutrient and growth regulator application. *Journal of Crop and Weed*, **10**(2): 316-319 (2014).
8. **Bauri, F. K.**, Avani, P., Sarkar, S. K., Bandyopadhyay, B., Misra, D. K., Debnath. S. & Dey, K. (2016). Ex-situ conservation & performance of genetic resources of banana in New Alluvial Zone of West Bengal. *Journal of Crop and Weed*. **12** (**3**): 55-66.
9. Kundu. P., **Bauri, F.K.** & Maji, S. (2018). Genetic diversity study of some banana genotypes collected from various parts of India through RAPD analysis. *African J. Agric. Res.*, **13**(5): 248-257.
10. Avani, P. and **Bauri, F. K.** (2018). Morphological Variation among Different Jackfruit genotypes. *Int. J. Curr. Microbiol. Appl. Sci.*, **7**(11): 3042-3048.



Signature with Date
06.05.2024