

# Bio-data



Sl. NO.	Particulars	Detail	
1.	Name	: Dr. Binayak Chakraborty	
2.	Designation	: Assistant Professor	
3.	Date of Joining	: 16-01-2020	
4.	Department	: Pomology and Post Harvest Technology	
5.	Educational Qualification	: Ph. D. Horticulture	
6.	Contact Detail	a) Email id : <a href="mailto:binayak.hort@gmail.com">binayak.hort@gmail.com</a>	
		b) Phone Number : 9426922718	
7.	Area of Specialization	: Fruit Science/ Micro-nutritional Stress Management in Fruit Crops/Organic Farming in Fruit Crops/Fruit Breeding/Minor Fruits	
8.	Number of Publications	: Research Papers: 25 Book Chapters: 14 Popular Articles:10	
9.	Awards and Honours:		
Sl. NO.	Name of the Award	Awarding Agency	Year
A	ICAR-JRF – 2005 (All India Rank – 12) in the branch of Horticultural Science	ICAR	2005
B	Jawaharlal Nehru Memorial Fellowship	JNMF, New Delhi	2009
C	Best Poster Presentation Award	National Symposium on Conservation Horticulture-2010	2010

## 10.Publications (Best Five):

Sl. No.	Citation	NAAS Rating-2020
1.	<b>Chakraborty, B.,</b> Singh, P.N., Kumar, S. and Srivastava, P.C. (2014). Uptake and distribution of iron from different iron sources applied as foliar sprays to chlorotic leaves of low-chill peach cultivars. <i>Agricultural Research</i> , <b>3</b> (4): 293-301. doi: 10.1007/s40003-014-0128-4	<b>5.90</b>
2.	<b>Chakraborty, B.,</b> Singh, P.N., Singh, A.K. and Srivastava, P.C. (2014). Evaluation of different iron sources for iron chlorosis recovery in low-chill peach cultivars. <i>Journal of Plant Nutrition</i> , <b>37</b> (2): 224-231. doi: 10.1080/01904167.2013.859693	<b>6.75</b>
3.	<b>Chakraborty, B.,</b> Singh, P.N., Shukla, A. and Mishra, D.S. (2012). Physiological and biochemical adjustment of iron chlorosis affected low-chill	<b>7.54</b>

	peach cultivars supplied with different iron sources. <i>Physiology and Molecular Biology of Plants</i> , <b>18</b> (2): 141-148. doi: 10.1007/s12298-012-0107-9	
<b>4.</b>	Kumar, D., Mishra, D.S., <b>Chakraborty, B.</b> and Kumar, P. (2013). Pericarp browning and quality management of litchi through antioxidants and salicylic acid during ambient storage. <i>Journal of Food Science and Technology</i> , <b>50</b> (4): 797-802. doi: 10.1007/s13197-011-0384-2	<b>7.85</b>
<b>5.</b>	Bisht, T.S., Sharma, S.K. and <b>Chakraborty, B.</b> (2015). Long term effect of different packaging materials on biochemical properties of wild apricot kernel oil. <i>Inter. J. Food Ferment. Technol.</i> , <b>5</b> (1): 69-74. doi: 10.5958/2277-9396.2015.00010.0	<b>4.03</b>

### 11. Externally Funded Projects

Title of the Project	Capacity (PI/Co-PI or other)	Period	Sponsoring / Funding organization	Amount of Fund mobilised (Rs.)
Quality Planting Material Production in Horticultural Crops	PI	02-01- 2019-15-01-2020	ICAR- Education Division under Experimental Learning Programme	66.00 lakhs
Quality Planting Material Production in Horticultural Crops	PI	02-01- 2019-15-01-2020	ICAR-Education Division under Tribal Sub-Plan	56.00 lakhs