

Other Publications (Books, Book chapter, Practical Manuals, Bulletins etc.) (2020-2025)

Sr. No.	Details of Publication
A. Books	
1.	Lata J. Raval, Janaki K. Hadavani and Mehta D. R. (2021). Crop Improvement-II (<i>Rabi crops</i>)". Jaya Publishing House, Delhi, ISBN 978-93-90611-15-7.
2.	Mehta, D. R. (2024). Fundamentals of Quantitative Genetics (Theory and Practicals). Kalyani Publishers, New Delhi. (As per Fifth Dean's Committee BSMA Syllabus for M.Sc. (Agri.) in Plant Breeding and Genetics. (ISBN No. 978-93-5540-705-4).
B. Chapters in book	
1.	Radadiya, Chirag, Mehta, D.R., Sapovadiya, M.H., and Raval, L.J. (2023) A Review: Recent Advances for Multiple Disease Resistance in Major Solanaceous Vegetable Crops. Book Chapter-7 in Edited Book entitled "Current Trends in Genetics and Plant Breeding Vol.-1 by Chief Editor Dr. Chhavi Tiwari (ISBN: 978-93-93992-50-5) Helmand Books™, New Delhi. Pp 123-153
2.	Parmar, M. J., Ramya Vardhini, T., Raval, L. J. and Lakhani, K. G. (2023). Application of Bioinformatics and Computational Tools in Crop Genetics. In: Plant Genetics Redefined: Edited Perspectives on Transformative Breeding (Vol.-2). Bright Sky Publications, Delhi. pp. 187-214.
3.	Lata Raval, Sangeethika Reddy and Vyas U. M. (2024). Correlation and path analysis in vegetable cowpea (<i>Vigna unguiculata</i>). In: Opportunities in Agricultural and Allied Sectors for Self-Reliant India edited by Ghanshyam N Jha, Udaya V., Rachana Ashok Kolambkar, Amit Singh Charak and S. Sasimal. National Press and Publications (NPP), Lucknow, Uttar Pradesh pp. 132-138.
4.	Lata J. Raval, Hadavani Janaki K., Mehta, D. R, Rajiv Kumar and V. D. Zalavadiya (2024). Integrated Plant Breeding Approaches for Pulse Improvement - A review. In: Opportunities in Agricultural and Allied Sectors for Self-Reliant India edited by Ghanshyam N Jha, Udaya V., Rachana Ashok Kolambkar, Amit Singh Charak and S. Sasimal. National Press and Publications (NPP), Lucknow, Uttar Pradesh pp. 125-131.
C. Practical Manuals	
1.	Raval, Lata J., Hadavani, Janaki K. and Mehta, D. R. (2021). Practical Manual on "Crop Improvement II (<i>Rabi crops</i>)". Department of Genetics and Plant Breeding, College of Agriculture, Junagadh Agricultural University, Junagadh.
2.	Sapovadiya M. H., Mehta D. R., and Rajiv Kumar (2022) Practical Manual of GPB 2.2 Fundamentals of Genetics for B.Sc. (Hons.) Agri.
3.	Mehta, D. R. (2023). Practical Manual of "Fundamentals of Quantitative Genetics"
4.	Mehta, D. R. (2023). Practical Manual of "Advanced in Biometrical Genetics"
D. Technical Bulletins/Training Manuals	
1.	Rajiv Kumar, Chaudhari, S. B. and Mehta, D. R. (2020). Training Manual on 'Vocational Training on Problems and Prospects in Palm Tissue Culture and Cryopreservation" held during 02/03/2020 to 06/03/2020 at JAU, Junagadh
2.	Rajiv Kumar, Chandrakant S. and Mehta D.R. (2020). Report of Vocational Training on Problems and Prospects in Palm Tissue Culture and Cryopreservation held during 02/03/2020 to 06/03/2020 at JAU, Junagadh.
3.	Report of Online Vocational Training Programme on "Recent trends in Crop Improvement" held during 15/02/2021 to 19/02/2021 at JAU, Junagadh.
4.	Report of Online Vocational Training Programme on "Commercial Plant Tissue Culture as Business Entrepreneurship" held during 26/10/2021 to 30/10/2021 at JAU, Junagadh.
5.	Mehta, D. R., and Kulkarni, G.U. (2023). Training Manual: Five Days Vocational Training Programme on "Recent Advances in Vegetable Breeding" under NAHEP-IDP, ICAR New Delhi

	organized by Dept. of Genetics and Plant Breeding, JAU, Junagadh on 20-24 February, 2023 pp 1-133.
6.	Mehta, D. R., and Chaudhari, S.B. (2023). Training Manual: Five Days Vocational Training Programme on “Hydropinics and Vertical Farming” under NAHEP-IDP, ICAR New Delhi organized by Dept. of Genetics and Plant Breeding, JAU, Junagadh on 20-24 February, 2023 pp 1-133.
7.	Mehta D. R.; Kalsariya B. N.; Shah K. D.; Chovatiya J. V. and Kanzariya, D. R. (2023). Compilation of manual of State Level Seminar on “Naliyarini Adhunik Kkheti Padhhati: Samasiya and Samadhan” organized by JAU, Junagadh and GAAS, Junagadh Zonal Chapter on 6 th June 2023.