1. Literature Survey On The Selected Project & Information Gathering

- [1] A.Pravin, T. Prem Jacob and P. Asha (2018) 'Enhancement of plant monitoring using IoT', International Journal of Engineering and Technology, Volume 7 (3.27).
- [2] Monirul Islam Pavel, Syed Mohammed Kamruzzaman, Sadman Sakib Hasan, Saifur Rahman Sabuj (2019) 'An IoT based plant health monitoring system implementing using Image Processing', IEEE 4th International Conference on Computer and Communication systems.
- [3] Nivesh Patil, Shubham Patil, Animesh Uttekar, A.R Suryawanshi (2020) 'Monitoring of hydrophonics system using IoT technology', International Research Journal of Engineering and Technology, Volume: 07, issue: 06.
- [4] Asif Siddiq, Annum Zehra, Muhammed Owais Tariq, Salman Malik (2020) 'ACPHA: A sensor-based system for automatic environmental control in hydrophonics', Food Science Technology, 40(3): 671-680.
- [5] E. Kim et al., "Economic and environmental sustainability and public perceptions of rooftop farm versus extensive garden," Build. Environ., 2018.
- [6] K. Vijayaraghavan and U. M. Joshi, "Can green roof act as a sink for contaminants? A methodological study to evaluate runoff quality from green roofs," Environ. Pollut., 2014.
- [7] T. Jenkins, "Devotional Gardening Tools," in Conference on Human Factors in Computing Systems Proceedings, 2013.
- [8] B. Rinkevich, "The active reef restoration toolbox is a vehicle for coral resilience and adaptation in a changing world," J. Mar. Sci. Eng., 2019.
- [9] C. P. Witte, "Urea metabolism in plants," Plant Science. 2011.
- [10] V. K. Jebasingh and G. M. J. Herbert, "A review of solar parabolic trough collector," Renewable and Sustainable Energy Reviews. 2016.
- [11] World Population Review, "India Population 2019 (Demographics, Maps, Graphs)," worldpopulationreview.com, 2019.
- [12] L. Sisco, S. Monzer, N. Farajalla, I. Bashour, and I. P. Saoud, "Roof top gardens as a means to use recycled waste and A/C condensate and reduce temperature variation in buildings," Build. Environ., 2017.
- [13] Y. Tian and C. Y. Jim, "Development potential of sky gardens in the compact city of Hong Kong," Urban For. Urban Green., 2012.

- [14] S. R. A. Rahman, H. Ahmad, S. Mohammad, and M. S. F. Rosley, "Perception of Green Roof as a Tool for Urban Regeneration in a Commercial Environment: The Secret Garden, Malaysia," Procedia Soc. Behav. Sci., 2015.
- [15] Chaitali, S (2020). Orissa post newspaper, August-30 Rediscovering life with greens amid Covid pandemic Pp.04.
- [16] Financial express Delhi, October 15(2020). Agri minister pegs kharif food grain output at record 144.52 MT in 2020-21, Press Trust of India.
- [17] Medenilla Vina (2020) Agriculture july-august, raised bed gardening- maximizing space: government officer turned his rooftop into a mini-farm
- [18] Getter, K.L. and Rowe, D.B. (2006). The role of extensive green roofs in sustainable development. Hort Science
- [19] Snodgrass EC and Snodgrass LL. (2006). Green roof plants: a resource and planting guide (Timber Press, Massachusetts).
- [20] Patel, A., Yadav, R and Singh Bhagirathi (2019). Study on terrace garden. International Journal of Trend in Research and Development
- [21] Acharya S. 2019. Rooftop Gardening: The Ecology And Economy A Thesis Submitted To The Agricultural Extension Department Of Agricultural Extension Faculty Of Agriculture, https://www.researchgate.net/publication/338335855
- [22] Anitha K., Amudha R. Comparison Of Benefits of Terrace Gardening Between Individual Houses And Apartments , Volume-8, Issue-2, February-2019 Print Issn No 2277 8160.
- [23]. Barreiro L. 2012. Rooftop Gardening In An Urban Setting: Impacts And Implications, Spring. [24] Carter, T.; Keeler, A. "Life-cycle cost-benefit analysis of extensive vegetated roof systems." Journal of Environmental Management, May 2008: 350-363.
- [25] Guitart, D., Pickering, C., Byrne, J. 2012. Past results and future directions in urban community gardens research. Urban Forestry & Urban Greening, 11(4), 364-373.
- [26] Kohler M., Laar M. 2014. Roof Gardens In Brazil, RIO 3 World Climate & Energy Event, 1-5 December 2003, Rio de Janeiro, Brazil
- [27] Liu, K.Y.; Baskaran, A. "Using Garden Roof Systems to Achieve Sustainable Building Envelopes." Construction Technology Updates, September 2005: 1-6.
- [28] Mathur, N. 2010. Shopping Malls, Credit Cards and Global Brands: Consumer Culture and Lifestyle of India's New Middle Class. South Asia Research, 30(3), pp.211–231

- [29] Mishra P. 2013. Drip! Drip! Hurray! Urban Gardening at Haaga Campus, Experience and Wellness Management
- [30] Patel A. Yadav R. 2019. Study on Terrace Garden, International Journal of Trend in Research and Development, Volume 6(1), ISSN: 2394-9333.
- [31] Rowe, D. B. "Green roofs as a means of pollution abatement." Environmental Pollution 159, no. 8-9 (October 2010): 2100-2110.
- [32] Vazhacharickal P. 2014. Balcony And Terrace Gardens In Urban Greening And Local Food Production: Scenarios From Mumbai Metropolitan Region (Mmr), India, International Journal of Food, Agriculture and Veterinary Sciences ISSN: 2277-209X (Online).
- [33] Wang W. 2018. Problems and Solutions in the Construction of Roof Garden in the Old Buildings, Advances in Computer Science Research, volume 83.
- [34] Wikstrom J. 2015. Motivations behind gardening in a rapidly urbanizing landscape a case study of urban gardening in Bangalore, India