

Ref: 1) Minutes of 17th meeting of Agricultural Research Council of NAU, Navsari held on 01.01.2025. No. NAU/DR/T.1/19/2023, dated-02/01/2025

Approval for modification in objectives and PI of the ongoing Development Charges (Plan) Schemes at NAU, Navsari

Notification

It is hereby notified to all concerned that *vide* item no. 17.8 in the minutes of the 17th Meeting of the Agricultural Research Council of Navsari Agricultural University held on 01/01/2025, the Council has resolved and recommended as under:

“It is resolved to recommend to the Planning and Development Committee of NAU to accord approval for modification in the title / objectives / PI as given in the appendix-17.8, for the ongoing Development Charges (Plan) Schemes at NAU, Navsari”.

No.NAU/DR/T.1/ 2273-97
/2025
Navsari, Dated: 25/03/2025


Director of Research &
Dean, P.G. Studies

Copy to:

1. All the member of Agricultural Research Council, NAU, Navsari.
2. Concern PI and Unit Head of the Project, NAU, Navsari.
3. Planning Officer, NAU, Navsari.
4. PS to Hon'ble Vice-Chancellor, NAU, Navsari

Appendix-RC 17.8

List of Modifications in Ongoing Development Charges (Plan) Scheme at NAU, Navsari

Sr.	Particulars	Details of Scheme after Modification
1	Name of the scheme (Plan)	Strengthening Research in Biological control of crop pests (DDO No./ B.H.: 303/12947)
	Office Head Name and Designation	Dr. J. J. Pastagia Professor and Head, Department of Entomology, N. M. College of Agriculture, NAU, Navsari
	Project In-charge	PI: Dr. Mukesh R. Siddhapara
	Objective of Scheme (in English)	1. Survey and identification of key pests and their potent natural enemies in crops. 2. To develop protocol for mass rearing, handling, storage, transportation and field release technique of potential parasitoids, predators and entomopathogenic microbials. 3. To disseminate information and awareness, impart training and demonstration on biological control.
2	Name of the scheme (Plan)	Advance Technology Centre of Soilless System for production of various Crops (DDO No./B.H.: 329/12041)
	Office Head Name and Designation	Dr. Alka Singh Professor and Head, Department of Floriculture & Landscape Architecture, ASPEE College of Horticulture, NAU, Navsari
	Project In-charge and Co-PI Name	PI: Dr. Alka Singh Co-PI: Dr. G. D. Patel
	Objective of Scheme (in English)	1. To obtain best quality of various crops and develop varieties using advance technologies 2. To analyze nutritive values of horticultural crops grown under soilless system 3. To standardize complete package of practices for different ornamentals, vegetables and flowers crops under soilless system 4. To establish Model for demonstration and imparting training on advance technologies for high quality cultivation of various crops under soilless system 5. To initiate entrepreneurship in students and impart practical training to the students, farmers and entrepreneurs
3	Name of the scheme (Plan)	Centre of excellence on bio-inoculants (DDO No./ B.H-303/ 12020)
	Office Head Name and Designation	Dr. K. B. Rakhloiya, Professor and Head, Department of Plant Pathology, N. M. College of Agriculture, NAU, Navsari
	Project In-charge and Co-PI Name	PI: Dr. Lalit Mahatma Co-PI: 1. Dr. Shivangi S. Kansara 2. Dr. G. B. Chopada
	Objective of Scheme (in English)	1. Research on different microbes useful as a biocontrol agent against disease and pests 2. Molecular characterizations of microbes 3. Study of microbes important in saline soil

4	Name of the scheme (Plan)	Strengthening Research in Sorghum (DDO/BH: 314/12006)
	Office Head Name and Designation	Dr. Bharat K. Davda Research Scientist (Sorghum), Main Sorghum Research Station, NAU, Surat
	Project In-charge	PI: Dr. Bharat K. Davda
	Objective of Scheme (in English)	1. Development and evaluation of elite breeding materials for improvement in yield and quality 2. Evaluation of varieties/hybrids resistant to major pest and diseases. 3. Research activities to meet the needs related to agronomic requirements 4. Extension activities like farmers training, farmers meeting, field visit, demonstration, seed help etc. to promote improved sorghum cultivars and technologies
5	Name of the scheme (Plan)	Strengthening of Extension Wing (DDO No./ B.H-303/12145)
	Office Head Name and Designation	Dr. O. P. Sharma Professor and Head, Deptt. Of Agril. Extension and Communication, N. M. College of Agriculture, NAU, Navsari
	Project In-charge	PI- Dr. O. P. Sharma
	Objective of Scheme (in English)	1. To collect benchmark information of respondent farmers adopting innovative agricultural technologies in South Gujarat 2. To organize extension activities to develop farmer's capacity for innovative agricultural technologies 3. To assess impact of extension and capacity building programmes undertaken during the project period
6	Name of the scheme (Plan)	Research on eco-friendly biofertilizers (DDO No./ B.H: 303/12131)
	Office Head Name and Designation	Dr. K. B. Rakholoiya, Professor and Head, Department of Plant Pathology, N. M. College of Agriculture, NAU, Navsari
	Project In-charge and Co-PI Name	PI- Dr. Lalit Mahatma Co-PI 1 : Dr. Mital I. Patel
	Objective of Scheme (in English)	1. Isolation of important microbes used as a bio fertilizer 2. Molecular characterization of microbes 3. Efficacy testing of microbes important as nitrogen fixer, phosphate solubilizer and potash mobilizers in lab and field conditions 4. Mass production of biofertilizers
7	Name of the scheme (Plan)	National Agriculture Research Project (NARP), Phase-II (DDO No./ B.H: 319/12091/03)
	Office Head Name and Designation	Dr. M.R. Thakur, I/c. Associate Research Scientist, Cotton Research Sub-Station, N.A.U., Achhalia
	Project In-charge	PI: Dr. M.R. Thakur
	Objective of Scheme (in English)	1. To identify proper soil and water management technologies for enhancing water use efficiency in Karjan canal command area. 2. To work out suitable moisture conservation technologies and farming practices for crop grown in rainfed area. 3. To develop ideal cropping sequence for rainfed area

8	Name of the scheme (Plan)	To Establish a Centre for Cotton Research (DDO No./ B.H: 319/12009)
	Office Head Name and Designation	Dr. M.R. Thakur, I/c. Associate Research Scientist, Cotton Research Sub-Station, N.A.U., Achhalia
	Project In-charge	PI: Dr. M.R. Thakur
	Objective of Scheme (in English)	1. Research and evaluation for development of cotton varieties / hybrids having higher yield, better quality, early maturity, resistant to biotic and abiotic stresses and production of quality seeds of released varieties 2. To study the difficulties in cotton farming and development of suitable agronomical techniques and practices for achieving higher yield
9	Name of the scheme (Plan)	To Establish a Centre for Cotton Research (DDO No./ B.H: 320/12009)
	Office Head Name and Designation	Dr. D. K. Patel, I/c Assistant Research Scientist, Cotton Wilt Breeding Station, NAU, Hansot
	Project In-charge	Dr. D. K. Patel
	Objective of Scheme (in English)	1. To develop suitable agro techniques for cotton 2. To assess incidence of insect, pests and disease in relation to weather parameters 3. To maintain live cafeteria for dissemination of technologies developed for cotton
10	Name of the scheme (Plan)	Research and development in fruit crops (DDO No./B.H.: 329/12025)
	Office Head Name and Designation	Dr. B. M. Tandel, Research Scientist, RHRS, ACH, NAU, Navsari,
	Project In-charge and Co-PI Name	PI: Dr. B. M. Tandel Co-PI: Dr. Y. N. Tandel
	Objective of Scheme (in English)	1. Introduction, maintenance, evaluation and characterization of different fruit crops 2. To develop Hi- Tech farming practices in fruit crops 3. To develop climate smart farming practices for fruit crops 4. Develop good post-harvest management practices and value added products from fruit crops 5. Develop trained manpower in horticulture
11	Name of the scheme (Plan)	Strategies to mitigate the impact of climate change (DDO/ BH : 352/12019)
	Office Head Name and Designation	Dr. M. B. Tandel, Dean and Principal College of Forestry, NAU, Navsari-396450, Gujarat
	Project In-charge	PI: Dr. S. V. Viyol
	Objective of Scheme (in English)	1. To study the impact of climate change on crop productivity 2. To study the impact of climate change and environmental pollution on natural resources of South Gujarat 3. To explore the adaptive measures to be taken up with the changing Agro Climatic patterns in South Gujarat

T. R.

12	Name of the scheme (Plan)	Establishment of Center for Geospatial Research, Education and Training (GREAT) (DDO/ BH: 352/12102)
	Office Head Name and Designation	Dr. M. B. Tandel, Dean and Principal College of Forestry, NAU, Navsari-396450, Gujarat
	Project In-charge	PI: Dr. S. V. Viyol
	Objective of Scheme (in English)	<ol style="list-style-type: none"> 1. To establish and integrate state-of-art remote sensing and geographic information system technologies for higher education, research and extension 2. To develop decision support system for sustainable food and environmental security

T. V. B.