

INFORMATION

Criteria1 : Curricular Aspects

Key Indicator : 1.1 Curriculum Design and Development

Metric : 1.1.1

Metric Description : Curricula developed and implemented have relevance to the local, national, regional and global developmental needs, which is reflected in the Programme outcomes (POs), and Course Outcomes(COs) of the Programmes offered by the University

Write description in a maximum of 500 words

AAU has always prioritized local, regional, national, and global development needs when developing and implementing curricula for all undergraduate and postgraduate programs, a commitment evident in their POs and COs. Across all faculties, the curricula are tailored to address these various needs, equipping students with the essential skills, knowledge, and mindset to contribute effectively to development efforts at different levels.

Here is how AAU addresses region-specific needs through POs and COs:

- **Local and Regional Needs:** As an agricultural university, AAU has consistently focused on local and regional agricultural practices in faculties such as agriculture and horticulture. The POs and COs are specifically designed to address the requirements and challenges faced by local and regional farmers. Emphasis is placed on local-regional crops, actual farming practices, and solutions to prevalent pests and diseases. Through community engagement initiatives like outreach programs, research projects, and extension services, students and faculty address local-regional agricultural needs and provide solutions. For instance, the POs and COs of agriculture and horticulture faculties concentrate on issues like water management in arid regions, sustainable livestock farming practices, and region-specific agroforestry techniques. This knowledge equips students to address regional agricultural concerns, thereby promoting economic growth and food security across wider geographical areas. AAU's initiative to promote sustainable and low-cost agriculture, human and soil health, and food security through the introduction of a course on "Natural Farming" exemplifies the university's commitment to addressing local and regional needs. Even the curricula of allied faculties ensure they tackle broader regional issues such as agricultural productivity, food security, and natural resource management.
- **National Needs:** Since its inception, AAU has envisioned an "agriculturally prosperous Gujarat and India," reflected in all university programs. The POs and COs of these programs ensure AAU plays a vital role in supporting national development goals by producing skilled professionals for the country's agricultural and allied sectors. Courses are aligned with national priorities such as enhancing food production, reducing post-harvest losses, promoting agribusiness entrepreneurship, and implementing sustainable farming practices nationwide. Students are trained to drive innovation, productivity, and competitiveness within these industries, ultimately contributing to the nation's economic growth and food self-sufficiency.
- **Global Needs:** AAU addresses global challenges through POs and COs across different programs, covering topics such as global food security, climate change adaptation in agriculture, international trade and market dynamics, and sustainable agriculture practices with global implications. Some programs also address transnational challenges like food insecurity

and environmental degradation.

In conclusion, AAU's commitment to addressing diverse development needs at the local, regional, national, and global levels underscores its role as a key player in agricultural education and research.

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