



B. SIDDHARTHA COLLEGE OF ARTS & SCIENCE

Siddhartha Nagar, Vijayawada – 520 010

*Autonomous - Re-accredited at 'A+' by the NAAC - ISO 9001 - 2015 Certified
College with Potential for Excellence-Phase-II (Awarded by the UGC)*

Additional Information

The curriculum of all programmes is developed in line with the Programme Educational Objectives (PEO) and Programme Outcomes (PO), which in turn are also in tune with the mission statements of the College. The process of developing the curriculum and the course content takes into consideration the feedback from different stakeholders, including academic and industrial experts, and ensures that it has relevance to the local, regional, national and global developmental needs. The curricula and course content framed are recommended by the Board of Studies and subsequently approved in the Academic Council. An overview of the contribution to the developmental needs at various levels is given below.

Local and regional developmental needs

There are several courses in different programmes which enable students to analyze the local and regional needs and provide solution based on their commerce/Economics / science / management knowledge acquired. This opportunity, at the same time, gives the students a real-life experience.

The project component embedded in specific courses gives leverage to the students to involve in the developmental activities of Vijayawada and neighbourhood places, in terms of its transition to smart cities.

Substantial field work in the surrounding villages paves way for the analysis of physical and Socio-economic factors that influence the development and future growth of the city. In addition, the courses also assist in creating students' awareness of protecting the heritage structures. Many extension and economic courses for the students of B.A.(EMS), Commerce and Management involve interaction with the farmers, government agencies in and around Krishna district, to boost the productivity. Students are often challenged with the problems faced by small scale industries (through Make-a-thon activities related to a variety of courses) and are enthused to provide relevant scientific solutions. Courses those encourage and enhance the family business (eg. Managing Family Business) do assist in uplifting the socio-economic status of the region.

In many courses expert members from industry also interact with the students. In addition industrial visits expose the students to real time problems.

National and global developmental needs

In tune with the national and global developmental needs, the institute has introduced several new programmes in the areas of Data Science, Data Analytics, Cyber Security, Artificial Intelligence, Machine Learning and others. Additionally, several courses are aimed at enhancing the technical and entrepreneurship skills (eg. Lean Start-up Management, TARP) of the students,

that are in sync with Start-up India policy, making the students job ready. Courses that are in tune with the national mission of 'Make-in-India' pave way for the economic growth of the nation. Aligned with the Digital India mission, courses related to latest computer languages like Python/ R-programming are made compulsory for all programmes. Courses on renewable energy, climate change and environmental effects are also offered to sensitize the students to global scenario. In addition, a range of co-curricular and extra-curricular activities (mandatory as part of the curriculum) are aligned with the multi-dimensional development of the student, which has an impact on the national and global developmental needs.