



மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம், திருநெல்வேலி

MANONMANIAM SUNDARANAR UNIVERSITY

(Reaccredited with 'A' Grade by NAAC)

ABISHEKAPATTI, TIRUNELVELI - 627 012

TAMILNADU, INDIA



# CRITERION-I

## CURRICULAR ASPECTS

1.1.1



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

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**Relevance:** Autonomy in curriculum design and development is the axis of a University, and to effectively harness this freedom, the University's vision is to evolve a composite curriculum through robust BoS that consists of experts from central/state Institutions/Universities, industry, alums and also includes students [1]. The composition of the courses is core, discipline-specific electives, generic electives, laboratory, tutorial, skill development, entrepreneurial projects, field projects, an internship of varied credits and contact hours [2]. Our University offers 43 programmes; some are AICTE, NCTE, and PCI, and 27 departments approve them. Courses are designed to meet the local, regional, national and global developmental needs. Local (four districts of the University jurisdiction) resources are flora and fauna of the Western Ghats, marine organisms of long coastal line, fishing & seafood processing, windmills, power plants, cement industries, rubber extraction, handicrafts, salt production, match factories, apparel designing, tourism, minerals, archaeological exploration, agriculture, horticulture, etc. University curricula are relevant to the above local developmental needs, particularly those of the environment and marine life. Therefore, the University has established two geographically located and resource-synchronised centres at the foothills of the Western Ghats, Alwarkurichi (Geo) and the seashore, Rajakkamangalam. National missions, digital India, skill India, and sustainability initiatives lay the nation's and region's developmental road map. Some courses are aligned with it across different programmes. Global technological needs are data analytics, artificial intelligence, machine learning, deep learning, cyber security, circular economy, sustainable energy, climate action, and nanotechnology. PG programmes on Data Analytics, Cyber Security, and Information Technology develop human resources. The new programmes are M.Sc. Data Analytics, M.Sc. Biotechnology (Integrated), M.Com. (Integrated), M.Lib.I.Sc. (Integrated), Diploma in Pharmacy and MA History (integrated) during the assessment period. Further, the University created an opportunity for the students to learn extra-credit mandatory value-added certificate courses, and the University evolved a policy for value added courses [3].

**Reflection:** The pragmatic shift to quality education is a learner-centric approach that evolved as Outcome Based Education (OBE) and, in compliance with UGC

guidelines, the University had prompted several measures to implement the LOCF curriculum during 2022-23 across all programmes [4]. The programmes' POs, PSOs and COs are compiled [5-8]. POs and COs encompass the process and the outcome of the local, regional, national and global developmental needs. POs and COs of programs such as Zoology, Botany, Environmental Science, and Marine Science focus on local biodiversity and sustainability, reflecting the need to preserve local ecosystems, promote conservation and support sustainable livelihoods through fishing, horticulture, and agriculture. Biotechnology and Pharmaceutical COs reflect national health needs, focusing on medical research, the development of pharmaceuticals, and biotechnological innovations to address pressing public health challenges. The COs of M.Com, MBA and MA Economics incorporate case studies, internships and projects that focus on local businesses and industries, helping students apply their learning to real-world scenarios.

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#### SUPPORTIVE DOCUMENTS

S. N	Document(s)	Link to the Document(s)
1	<b>BoS</b> – Constitution of BoS – Registrar's communications	<a href="https://msuniv.ac.in/naac/criterion1/1111.pdf">https://msuniv.ac.in/naac/criterion1/1111.pdf</a>
2	<b>Courses' credit distribution</b> – Pie-chart - composition of the various courses based on their cumulative credits	<a href="https://msuniv.ac.in/naac/criterion1/1112.pdf">https://msuniv.ac.in/naac/criterion1/1112.pdf</a>
3	<b>Value Added Course</b> University Policy	<a href="https://msuniv.ac.in/naac/criterion1/1113.pdf">https://msuniv.ac.in/naac/criterion1/1113.pdf</a>
4	<b>LOCF</b> – measures taken to implement OBE curriculum	<a href="https://msuniv.ac.in/naac/criterion1/1114.pdf">https://msuniv.ac.in/naac/criterion1/1114.pdf</a>
5	<b>PO, PSO &amp; CO</b> – Consolidated PO, PSO along with CO each course	<a href="https://msuniv.ac.in/naac/criterion1/1115.pdf">https://msuniv.ac.in/naac/criterion1/1115.pdf</a>
6	<b>BoS</b> Minutes	<a href="https://msuniv.ac.in/naac/criterion1/1116.pdf">https://msuniv.ac.in/naac/criterion1/1116.pdf</a>
7	<b>SCAA</b> Extract – approval of BoS minutes	<a href="https://msuniv.ac.in/naac/criterion1/1117.pdf">https://msuniv.ac.in/naac/criterion1/1117.pdf</a>
8	<b>LOCF</b> syllabus	<a href="https://msuniv.ac.in/naac/criterion1/1118.pdf">https://msuniv.ac.in/naac/criterion1/1118.pdf</a>