

E. Faculty of Science

S.No.	Discipline	Campus Offered			Minimum Eligibility Criteria for PG Candidates who would like to pursue PhD
		VSP	HYD	BLR	
1	Biochemistry	✓	--	--	<ul style="list-style-type: none"> ➤ A 1-year/2-semester master's degree programme after a 4-year/8- semester bachelor's degree programme OR ➤ A 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme OR ➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed OR ➤ M.Sc. Degree in Biochemistry / Biotechnology / Microbiology / Chemistry / Genetics / Botany / Zoology / Environmental Science/Food Science and Technology or any branch of Biological Science / M.Pharm. or M.V.Sc or M.Sc. (Agriculture) or MD, MS or M.Tech in Biotechnology / Chemical Engineering / Food Technology. OR ➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

2	Bioinformatics	✓	--	--	<ul style="list-style-type: none"> ➤ A 1-year/2-semester master's degree programme after a 4-year/8- semester bachelor's degree programme OR ➤ A 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme OR ➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed OR ➤ M.Sc. degree in Bioinformatics / Biochemistry / Biotechnology / Microbiology / Chemistry / Genetics / Environmental Science or any branch of Biological Science or M.Pharm. or M.Sc. in Agriculture or MD, MS or M.Tech in Biotechnology / Bioinformatics / Computer Science. OR ➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.
3	Biotechnology	✓	--	--	<ul style="list-style-type: none"> ➤ A 1-year/2-semester master's degree programme after a 4-year/8- semester bachelor's degree programme OR ➤ A 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme OR ➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed OR ➤ M.Sc. Degree in Biotechnology / Biochemistry / Microbiology / Chemistry / Genetics / Botany / Zoology / Environmental Science/Food Science and Technology or any branch of Biological Science / M.Pharm. or M.V.Sc or M.Sc. (Agriculture) or MD, MS or M.Tech in Biotechnology / Chemical Engineering / Food Technology. OR ➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

4	Chemistry	✓	✓	✓	<p>For a PG student: ➤ A 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme OR</p> <p>➤ A 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme OR</p> <p>➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed OR</p> <p>➤ M.Sc- Chemistry (any specialization), Nanotechnology, Material Science, Environmental Science, Environmental Chemistry, Biochemistry, Biotechnology, M. Pharmacy, and M.Tech-Chemical Engineering.</p> <p>➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.</p> <p>For a M.Phil Student : Candidates who have completed the M.Phil. programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme.</p>
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5	Computer Science	✓	--	✓	<p>For a PG student: ➤ Master's degree in Computer Applications (MCA) or M.Sc. in Information Sciences / Computer Science / Data Science or M.Tech. in Information Technology / Computer Science & Engineering or equivalent Master's in Computer Sciences.</p> <p>OR</p> <p>➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed.</p> <p>OR</p> <p>➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.</p> <p>For M.Phil candidates: ➤ Candidates who have completed the M.Phil. in Computer Science programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed or equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of educational institutions, shall be eligible for admission to the Ph.D. programme.</p>
6	Electronics	✓	✓	✓	<p>➤ 2-year M.Sc after 3-year B.Sc degree or 1-year M.Sc after 4-year B.Sc degree or M.Phil degree in Electronic Science / Electronics / Instrumentation/ VLSI/ IoT devices/ Embedded Systems or any other equivalent degree in Electronics.</p>
7	Physics	✓	✓	✓	<p>➤ 2-year M.Sc after 3-year B.Sc degree or 1-year M.Sc after 4-year B.Sc degree, 4-year B.E or B.Tech in Engineering Physics/ B.S (research) in Physics / Material Science / Solid State Physics / Applied Physics / Theoretical Physics / Nuclear Physics / Space Physics/ Photonics/Spectroscopy/Atmospheric Science/Computational Physics or any other equivalent degree in Physics.</p>

8	Food Science & Technology	✓	--	--	<ul style="list-style-type: none"> ➤ A 1-year/2-semester master's degree programme after a 4-year/8- semester bachelor's degree programme OR ➤ A 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme OR ➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed OR ➤ M.Sc. degree in Food Science Technology, Food Science Nutrition, or any branch of Life Sciences. M.Tech. (Food Technology) or equivalent degree ➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.
9	Environmental Science	✓	--	--	<ul style="list-style-type: none"> ➤ A 1-year/2-semester master's degree programme after a 4-year/8- semester bachelor's degree programme OR ➤ A 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme OR ➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed OR ➤ M.Sc. degree in Environmental Studies or Environmental Science or any PG degree in Science or M.Sc. (Agriculture), Engineering - Chemical, Civil and Environmental Engineering (B.E. / B.Tech. / M.Sc. (Engg.)). OR ➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.

10	Mathematics	✓	✓	✓	<p>➤ A 2-year/4-semester Master's degree in Applied Mathematics/ Mathematics/ Statistics/ Data Science/Physics/M.Sc.(any other relevant discipline)/MCA after a 3-year bachelor's degree programme / M.Tech.(relevant discipline)</p> <p style="text-align: center;">OR</p> <p>➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed</p> <p style="text-align: center;">OR</p> <p>➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.</p>
11	Microbiology	✓	--	--	<p>➤ A 1-year/2-semester master's degree programme after a 4-year/8- semester bachelor's degree programme OR</p> <p>➤ A 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme OR</p> <p>➤ Qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed OR</p> <p>➤ M.Sc. degree in Microbiology, Biotechnology, Biochemistry, or any branch of Life Sciences or M.Sc. (Agriculture) or equivalent degree.</p> <p>➤ An equivalent qualification from a foreign educational institution accredited by an assessment and accreditation agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country or any other statutory authority in that country to assess, accredit or assure quality and standards of the educational institution.</p>