



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

**VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND
ADVANCED STUDIES(VISTAS)**

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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Vels Institute of Science Technology and Advanced Studies (VISTAS) was declared as a Deemed to be University by the MHRD, Government of India in 2008. It is a multi-disciplinary university in Chennai offering 100+ UG, PG and Ph. D programs in various disciplines such as Medicine, Nursing, Allied Health Sciences, Engineering, Management and Commerce, Pharmacy, Mass communication, Physiotherapy, Law, Education, Computing Sciences, Basic Sciences, Life Sciences, Aviation, Music & Fine Arts, Social Sciences, etc.,. All the Programmes have been approved by respective statutory authorities such as NMC, INC, AICTE, UGC, PCI, BCI, DGS, NCTE, etc.,.

The Main Campus is located at Pallavaram in Chennai. The School of Physiotherapy and the School of Maritimes Studies are at Thalambur, 20 km away from main campus. Vels Medical College and Hospital (VMCH), Vel Nursing College (VNC), and School of Allied Health Sciences are at an Off-campus Center in Thiruvallur District, 50 km from main campus.

Eleven programmes of VISTAS have been accredited by NBA. VISTAS was accorded with 12B status from UGC in 2021. In NIRF Ranking 2023, School of Pharmaceutical Sciences was **47th rank pan India** and the University was in **101-150 Band**.

VISTAS is highly sought after by students, as demonstrated by its impressive demand ratio of 1:11. It offers a variety of programs and boasts a student strength of more than 15000 and a faculty strength of 837. Additionally, there are 1951 Ph.D. scholars (Full-time and Part-time) engaged in research in various disciplines.

The institution graduates an annual average of 3900 students (UG, PG & Ph.D).

VISTAS is also deeply committed to research, fostering a robust culture of inquiry and innovation. In the last five years, VISTAS has

- 489 research supervisors
- 4129 Scopus-indexed publications
- 3140 publications in UGC Care Journals
- 281 patents published and 104 granted

In terms of Institutional Social Responsibility (ISR), VISTAS is actively involved in numerous initiatives, including adopting villages and uplifting rural and tribal communities, often in collaboration with governmental and non-governmental organizations.

Beyond academic excellence, VISTAS students also shine in sports, having represented India in Football, Kabaddi, Sailing (Olympics), and the Asian Games.

Vision

To make the Institute an epitome of excellence in higher education by effectively providing high quality

education and rigorous training to students in multiple streams of choice with ample scope for all round development to make them excel in their profession for betterment of the society.

Mission

- Effective imparting knowledge and inculcating innovative thinking
- Facilitating Skill enhancement through add on courses and hands on training
- Doing original, socially relevant and highly quality research
- Instilling the spirit of integrity, equity, professional ethics and social harmony.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Successfully implemented Choice-Based Credit Systems (CBCS) with interdisciplinary courses.
- Regular curriculum and syllabus updates. Industry 4.0 relevant programs introduced annually.
- ABC initiative for student mobility between institutions. ODL programs allow students to pursue two programs simultaneously.
- Affordable fee and plenty of scholarship schemes for students.
- Advantageous location in the state capital near the airport.
- Mandatory yoga, personality development and skill development programs.
- Eleven AICTE programs with NBA accreditation.
- E-governance, e-varsity, and ERP systems, fully automated library and examination system.
- 12B status of UGC.
- Central Instrumentation Centre worth Rs. 11 crores established.
- Centers of Excellence in 18 thrust areas.
- DSIR-recognized departments.
- 489 recognized research supervisors in the last five years.
- 4129 Scopus-indexed publications in the last five years, 3140 publications in UGC Care Journals in the last five years.
- 281 patents published and 104 patents granted in the last five years.
- 225 functional MoUs with industries and institutions.
- Completed research projects worth Rs. 15.00 crores, ongoing research projects worth Rs. 4.01 crores
- Meticulous mentor-mentee system for student support.
- Extension activities for rural communities on health, hygiene, banking, elections, and computer literacy.
- Tertiary care hospital with 700 beds providing free care for around 1000 patients daily for the last three years

Institutional Weakness

- Over 79% student placement achieved, but more non-IT core companies needed for recruitment.
- Few students pursue higher education after UG programs.
- Number of students with NET qualification for research programs and international students to be increased.

- Few sponsored research programs from government agencies.
- Limited collaborative research programs with other institutions.
- Median salary for student placements is only slightly above average.

Institutional Opportunity

- Advantageous location for academic collaborations and research with nearby institutes, universities, and industries, particularly in pharma and software.
- Potential for multi-disciplinary and inter-disciplinary research for faculty.
- Opportunities for international education through joint, dual, and twinning programs with foreign universities.
- Increased revenue generation through consultancy with nearby industries.
- Development of in-house e-content using lecture capturing systems and recording studios.
- Technology transfer for products developed by students and staff.
- Introduction of new PG programs in medical and nursing sciences.
- Establishment of off-campus centers to provide educational opportunities to marginalized students.

Institutional Challenge

- Socio-economic status of students hinders internationalization of education
- Challenge in attracting NET-qualified students for enhanced research.
- Need to establish a global brand name.
- Implementation of faculty exchange programs with foreign universities
- Success rate in GATE / NET Examinations.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

VISTAS offers 135 programmes leading to different degrees in UG, PG, and Ph.D in the disciplines of Medicine, Nursing, Allied Health Sciences, Pharmacy, Physiotherapy, Engineering, Maritime Studies, Legal Studies, Education, Management, Computing Sciences, Aviation, Music & Fine Arts, Commerce, Science and Arts.

Choice Based Credit System (CBCS), Elective Course System (ECS) and Outcome based Education have been implemented for all 135 programs to promote a student-friendly learning environment. All the programmes offered by VISTAS are approved by the relevant statutory bodies such as UGC, AICTE, NMC, INC, PCI, DGS, NCTE and BCI.

The enrichment of the curricula is done by inputs obtained from industry experts, academic peers, employers and Alumni in Board of Studies (BOS) Meeting. In the last 5 years, 195 BOS meetings have been conducted to undertake revisions and formulate new courses and programmes.

Curricula are designed in sync with the Global, National, Regional and local Healthcare needs and other industry and social market demands which is reflected in program outcomes and course outcomes in all

programs.

Academic flexibility is given much importance by offering Multidisciplinary and Interdisciplinary courses across various disciplines.

Courses offered to students in all the programmes would be focusing on Competency, Employability, Entrepreneurship and Skill Development in collaboration with various Industries.

The UG & PG programs of Arts and Sciences have 140 and 90 Credits respectively. Similarly, UG & PG programs of Engineering have 170 and 80 Credits. The syllabus revision is 74.07% of the total programmes respectively.

Thrust in curriculum is given to studies on Gender, Environment, Health, Professional ethics and Human Values.

In order to inculcate value education, NSS and Life Skills have been introduced. Field Projects, Internships and community postings are included in curriculum to enable the students to gain more practical exposure.

A wide range of value-added courses like SAP, DMLT, Green Chemistry, NPTEL courses and skill enhancing domain related courses are offered across all disciplines. Structured feedback from students, teachers, employers, alumni, and parents are received and analysed to help in revising the curriculum design and to introduce new courses.

Teaching-learning and Evaluation

An enriched teaching, learning and evaluation process is carried out in VISTAS catering to the diversity of students and faculty.

- Students entering VISTAS enjoy a multivariate learning process. The learning levels of students are assessed at various levels throughout the program and appropriate teaching learning methods are used to ensure holistic learning.
- Student centric and self-directed learning methods focusing on LMS, KMS, and E-Learning resources through NPTEL, EDX, other MOOCs and lectures recorded by faculty enhances student learning.
- Interactive and instructional lectures, focused discussions, classroom deliberations, practical classes, hands-on training, projects, presentations, workshops and guest lectures help students to hone their technical skills.
- Comprehensive lesson plans are prepared regularly by faculties for effective teaching.
- Independent, Interactive, Collaborative and Participatory learning is encouraged and the required facilities are available for students in terms of SMART Classrooms, WiFi enabled Campus, Industrial Interactions, Projects and visits.
- Students are trained using basic Clinical skill training models and advanced patient simulators for faculty and students at regular intervals in Vels Medical College and Hospital

- VISTAS employs an effective Mentor-Mentee system for guidance and counselling students on regular basis.
- Class committee meetings are conducted regularly for all types of learners. Remedial and tutorial classes are conducted for slow learners to enhance the learning.
- Advanced learners are encouraged to participate in technical events and to complete courses offered in the SWAYAM/ NPTEL platform.
- Outcome Based Education is followed at VISTAS and all the programs have clearly defined POs, PSOs and COs. The entire assessment process is based on the COs, POs and PSOs.
- VISTAS adopts Continuous Assessment System, where both formative and summative assessments are ensured to measure the attainment of course outcomes.
- VISTAS examination process is fully automated using ERP package.
- Metrics at par with the world standards such as Cumulative Grade Point Average (CGPA) and Overall Weighted average mark (OWAM) is used to grade the students.
- VISTAS follows a transparent grievance redressal mechanism providing various options for appeal process.
- The quality of the Teaching-Learning process is assessed through student satisfaction survey and innovative practices are introduced based on the feedback received.

Research, Innovations and Extension

The reputation of any higher education institution heavily relies on its "productivity and calibre of intellectual scholarship and research," "creativity and innovation outcome," and "entrepreneurship promotion." VISTAS endeavours to develop, flourish, and prosper in both traditional and modern research activities.

A centre named the "Centre for Advanced Research and Development" (CARD), comprising 12 advanced dedicated research labs and a Central Instrumentation laboratory has been established, housing state-of-the-art instruments.

- The Board of Research Studies is convened regularly to provide guidelines for research.
- 1,951 Ph.D. scholars (both full-time and part-time) are actively engaged in various research labs.
- 847 scholars have completed their PhDs.
- MATLAB software is available for research scholars.
- Projects worth INR 15 crores have been completed, projects worth INR 4.01 crores are currently under execution, and projects worth INR 103.78 crores have been submitted to funding agencies in the last five years.
- Each year, seed money (50 lakhs) is allocated to research-oriented faculty for converting innovative ideas into manufacturable products.
- VISTAS has published 281 patents, with 104 patents awarded.
- Senior faculty members are actively engaged in solving industrial problems through consultancy

projects.

- 22 industries are currently operational at the Incubation Centre, developing products beneficial to society.
- Staff members receive incentives to publish papers and attend National / International conferences
- In the past five years, 4129 research papers have been published in Scopus, WOS, and PubMed, and 3140 research papers in UGC-listed journals.
- Turnitin software is available to mitigate plagiarism.
- Access is provided to 12,381 online journals and research databases.
- VISTAS publishes three online journals and one printed journal.
- VISTAS has entered into 225 MoUs with numerous universities, institutions, and industries in India and abroad, resulting in teacher-student exchange programs, collaborative research endeavors, skill enhancement initiatives, and study programs.
- VISTAS has actively promoted institutional social responsibility through activities such as the Unnat Bharat Abhiyan program. Generic medicines are made accessible to society through the Pradhan Mantri Jan-Aushadhi Yojana Scheme.
- VISTAS has organised 505 extension activities and 81.9% students participated in them.

Infrastructure and Learning Resources

VISTAS is spread across 80 acres covering a total built up area of 29 lakh square feet with 352 spacious and well-ventilated classrooms, smart classrooms, seminar halls, 16 demonstration rooms, skill laboratories, etc., all of which are enabled with LAN and LCD facilities, as stipulated by various regulatory bodies such as MCI, INC, PCI, UGC, AICTE, BCI, DGS, NCTE etc. Continuous approvals from the regulatory bodies demonstrates the adequate facilities at VISTAS.

VISTAS has a well-established 700 bedded Medical College and Hospital with 7 Minor operation theatres, 9 Major operation theatres equipped with high quality equipment, 11 outpatients' clinics, 21 wards with adequate facilities, nurse station and attenders' rooms. Preclinical learning with the help of medical simulators for various clinical scenarios are provided.

There are 207 laboratories and various Centres of Excellence in VISTAS which are equipped with necessary instruments, computing facilities, and internet access, to enable quality research output.

VISTAS has established various indoor, outdoor sports and gymnasium facilities and continuously upgrades sporting and recreational facilities. The auditoriums are air-conditioned, equipped with modern amenities and designed with sound proofing technology to ensure a distraction-free environment for hosting various curricular, co-curricular and extra-curricular events.

VISTAS has sufficient, well-furnished, hygienic, spacious and ventilated student hostel rooms and staff quarters that cater to the requirements of the staff and students. VISTAS has CCTV, medical clinic, sufficient number of generators, facilities for Divyangjan, Water coolers, Sewage Treatment Plant, ATM services etc.

VISTAS library has a vast collection of resources such as textbooks, reference books, rare books, periodicals, reference manuals, ancient books, manuscripts, digitalized traditional manuscripts and other knowledge resources spanning across fields of Engineering and Technology, Medical, Nursing, Physiotherapy, Allied Health Sciences, Agricultural Sciences, Management, Science and Humanities and Law. There are sufficient computer systems available in VISTAS Digital Library thereby allowing staff and students of the institution to

utilize the facility.

VISTAS Learning Management System (LMS) ensures beyond classroom learning by allowing students to collaborate, access resources, and engage in coursework from anywhere, at any time. To ensure that students benefit from LMS, the campus is connected with Wi-Fi and LAN facility.

Student Support and Progression

VISTAS has a transparent mechanism for timely redressal of student grievance, prevention of sexual harassment and prevention of ragging. 88% of the students are qualified in the State/National/Interantional level examination. 90% of the outgoing students were hired by reputed companies. 355 awards / medals were received by our students for their outstanding performance in sports/ cultural activities at State / Regional / National / International levels in the last five years.

VISTAS offers scholarships to most of the students every year under various schemes. Our COVID-19 warrior's scholarship became the first of its kind initiative in India and encouraged various other institutions to follow suit. 90% of students are benefited by guidance for competitive examinations and career advancement offered by the institution. VISTAS conducts various capability enhancement and development schemes under various categories such as soft skill development, language and communication skill development, yoga and wellness, analytical skill development, human value development, employability skill development, personality and professional development.

Students are nominated as members in the monthly class committee meetings, centering on academics, sports, cultural activities, celebrations, and infrastructure. Student Progress is continuously monitored by Mentor-Mentee system. Student representatives play a vital role as members of various committees in the institution, contributing their perspectives, insights, and experiences that impact the student body and the overall learning environment. VISTAS International Affairs Office assists students in finding study abroad programs, internships, and research opportunities overseas, as well as helping international students with their visa and immigration requirements, and adapting to university and local culture.

Every year VISTAS conducts the Alumni meet 'VELS SALUTE' in a grand manner. The distinguished alumni from various disciplines were recognized and awarded for their excellence in their respective fields. Rs. 100 lakhs has been generated from alumni association in the last five years. Alumni book donation and endowment program are the collaborative initiative between the institution and alumni community aimed at enriching the learning resources available to current and future students. With the help of NSS unit and Youth Red Cross of VELS, the VELS ALUMNI ASSOCIATION organizes Blood donation Camp every year.

Governance, Leadership and Management

The Organizational structure has been designed as per UGC Regulation. The Regulatory bodies of VISTAS include the Executive Council (previous known as Board of Management), Academic Council, Finance Committee, Planning and Monitoring Board, and Board of Studies. They have been functioning as per guidelines of the UGC and the Memorandum of Association and they meet periodically. The structure of Governance in VISTAS facilitates Autonomy, Transparency, and Accountability through the participation of various stakeholders. It provides differentiation and integration of various activities in VISTAS.

The various key stakeholders of VISTAS, which include faculty, students, parents, industry experts, academic peers, and alumni, are involved in decision-making at every level. For the smooth functioning of VISTAS, several sub-committees comprising faculty members, scholars, NGOs, and student representatives have been constituted. In order to decentralize the administrative and academic machinery, authority has been delegated by appointing Deans / Directors for various Schools, Admissions, Academics, Research, Student Affairs, Faculty, IQAC. For transparent functioning, the Admission, Academics, Administration, Accounts, and Examination processes are automated by using ERP.

Some means by which Faculties are empowered:

- Financial support is provided to organize/attend Faculty Development Programs, Orientation programs, Refresher courses, Workshops, and Conferences.
- Incentives are provided for publishing articles in reputed journals.

Some of the staff welfare measures:

- PF and ESI
- Maternity Leave
- Loan Facility
- 60-day vacation
- Free transport
- 50% fee concession for pursuing part-time PhD at VISTAS
- Fee Concession for the children of staff at Vels Group of Institutions.

IQAC ensures quality in all academic and administrative aspects. The IQAC meets four times a year.

Some of the initiatives of the IQAC are as follows:

- Annual external academic audit in addition to internal audits.
- Systematic feedback is periodically collected from Students, Academic peers, Alumni, Parents, and Industry Experts for quality enhancement and analyzed.
- Implementation of E-Governance in Faculty performance Appraisal and Career Advancement Scheme.
- Working out the Accreditation process. 11 Programs have been accredited by NBA.
- Participation in various rankings including NIRF.
- Achieving Diamond in QS Rating.
- Conducting Quality-related Development Programs.
- AQAR is prepared regularly and uploaded on the website.

Institutional Values and Best Practices

VISTAS organizes various gender equity programmes and ensures equal participation and representation of both men and women at all levels of academic and administrative pursuits. The university has a total of 55% female teachers and most of them are given administrative and other responsibilities. The university ensures facilities for women like safety and security, counselling, common rooms, sanitary napkin vending and incinerating machines for hygiene and day care creche facilities for their children.

The university has facilities of alternate sources of energy facility and energy conservation measures like solar

energy system, biogas, wheeling to the grid, sensor-based energy conservation, and LED bulbs/ power efficient equipments. The university has developed facilities for the management of degradable and non-degradable wastes. Water conservation facilities like rainwater harvesting, borewell/open well recharge system, tanks and bunds, wastewater recycling, and maintenance of water bodies and distribution system are available. The university restricted the entry of automobiles, banned the single use plastic and has good landscaping.

The university encourages using bicycles / battery powered vehicles for the movement within the campus and pedestrian friendly pathways. The university has been certified for green audit, energy audit and environmental audit. The university has all types of facilities for divyangjan in the campus. The university is providing an inclusive environment regarding tolerance and harmony towards the cultural, regional, linguistic, communal, socio-economic and other diversities in term of celebration of festivals and organization of cultural programmes and awareness programmes on socio-economic issues.

The university regularly conducts the sensitization programmes for the students and employees regarding the constitutional obligations. The students and employees are bound to follow the prescribed code of conduct and the university organizes programmes regularly in this regard. The two best practices successfully implemented by the university include

Best Practice 1 : "Bridging the Gap: VISTAS' Industry Engagement Initiative"

Best Practice 2 : "VISTAS' Vision for Students' Holistic Development"

Institutional distinctiveness : "Championing Women's Empowerment: VISTAS' Distinctive Initiatives".

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the University	
Name	VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES(VISTAS)
Address	Vels Institute of Science, Technology and Advanced Studies, Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram
City	Chennai
State	Tamil Nadu
Pin	600117
Website	www.vistas.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Vice Chancellor	S.sRiman Narayanan	044-22662504	9840233696	044-22662513	vc@velsuniv.ac.in
IQAC / CIQA coordinator	Arun.s	044-22662503	9962506209	044-22662513	director.iqac@velsuniv.ac.in

Nature of University	
Nature of University	Deemed University
Institution Fund Source	No data available.

Type of University	
Type of University	Unitary

Establishment Details	
Establishment Date of the University	04-06-2008
Status Prior to Establishment,If applicable	Affiliated College
Establishment Date	06-07-1992

Recognition Details		
Date of Recognition as a University by UGC or Any Other National Agency :		
Under Section	Date	View Document
2f of UGC	04-06-2008	View Document
12B of UGC	05-11-2021	View Document
Section 3	04-06-2008	View Document

University with Potential for Excellence	
Is the University Recognised as a University with Potential for Excellence (UPE) by the UGC?	No

Location, Area and Activity of Campus							
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.	Programmes Offered	Date of Establishment	Date of Recognition by UGC/MHRD
Main campus	Vels Institute of Science, Technology and Advanced Studies, Velan Nagar, P.V. Vaitiyingam Road, Pallavaram	Urban	29.8	121652	BBA, B.Com, B.A, B.Sc. BCA, B.Tech., BPT, B.Parmacy, B.Pharm(Practice), B.A.,LL. B(Hons), B.Com.L L.B(Hons.), BBA. LL.B(Hons.), LL.B, B.Ed., M.A., M.Sc., MCA, MBA, M.Tech,		

					M.Pharm acy, Pharm.D, Pharm.D(PB), MPT, LL.M and Ph.D		
<i>Off Campus</i>	<i>No.12/1 2, Periy apalaya m Road, Velan Nagar, Manjaka ranai Village, Uthukott ai Taluk, Tiruvall ur District</i>	<i>Rural</i>	<i>41.11</i>	<i>129912</i>	<i>MBBS, B. Sc.Nursin g and B.Sc. Allied Health Science p rogramm es</i>	<i>13-10-2021</i>	<i>27-02-2024</i>

2.2 ACADEMIC INFORMATION

Furnish the Details of Colleges of University

Type Of Colleges	Numbers
Constituent Colleges	0
Affiliated Colleges	0
Colleges Under 2(f)	0
Colleges Under 2(f) and 12B	0
NAAC Accredited Colleges	0
Colleges with Potential for Excellence(UGC)	0
Autonomous Colleges	0
Colleges with Postgraduate Departments	0
Colleges with Research Departments	0
University Recognized Research Institutes/Centers	0

Is the University Offering any Programmes Recognised by any Statutory Regulatory Authority (SRA)		: Yes
SRA program	Document	
AICTE	100006_13920_1_1706168193.pdf	
NCTE	100006_13920_4_1706168199.pdf	
PCI	100006_13920_6_1706168204.pdf	
BCI	100006_13920_8_1706168218.pdf	
AICTE	100006_13920_1_1706168193.pdf	
PCI	100006_13920_6_1706168204.pdf	
BCI	100006_13920_8_1706168218.pdf	
NMC	100006_13920_23_1706168231.pdf	
INC	100006_13920_7_1706168211.pdf	
AICTE	100006_6348_1_1616656140.pdf	
NCTE	100006_6348_4_1616656205.pdf	
PCI	100006_6348_6_1616656211.pdf	
BCI	100006_6348_8_1616656426.pdf	
DEB-UGC	100006_13920_21_1706168227.pdf	

Details Of Teaching & Non-Teaching Staff Of University

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	128				150				484			
Recruited	71	57	0	128	71	79	0	150	187	297	0	484
Yet to Recruit	0				0				0			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0
	Lecturer				Tutor / Clinical Instructor				Senior Resident			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned	1				29				45			
Recruited	1	0	0	1	4	25	0	29	25	20	0	45
Yet to Recruit	0				0				0			
On Contract	0	0	0	0	0	0	0	0	0	0	0	0

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned				299
Recruited	188	111	0	299
Yet to Recruit				0
On Contract	17	108	0	125

Technical Staff				
	Male	Female	Others	Total
Sanctioned				98
Recruited	77	21	0	98
Yet to Recruit				0
On Contract	0	0	0	0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	47	44	0	42	68	0	65	133	0	399
M.Phil.	0	0	0	0	0	0	16	28	0	44
PG	24	13	0	29	11	0	106	136	0	319
UG	0	0	0	0	0	0	0	0	0	0
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	1	0	0	4	25	0	25	20	0	75
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	0	0	0	0	0	0	1
M.Phil.	0	0	0	0	0	0	1	0	0	1
PG	0	0	0	0	0	0	5	5	0	10
UG	0	0	0	0	0	0	0	0	0	0
Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Distinguished Academicians Appointed As

	Male	Female	Others	Total
Emeritus Professor	2	0	0	2
Adjunct Professor	15	6	0	21
Visiting Professor	12	3	0	15

Chairs Instituted by the University

Sl.No	Name of the Department	Name of the Chair	Name of the Sponsor Organisation/Agency
1	Nil	Nil	Nil

Provide the Following Details of Students Enrolled in the University During the Current Academic Year

Programme		From the State Where University is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	2371	278	4	3	2656
	Female	1168	32	2	0	1202
	Others	0	0	0	0	0
PG	Male	687	29	1	0	717
	Female	363	20	1	0	384
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	528	245	0	0	773
	Female	914	261	0	1	1176
	Others	2	0	0	0	2

Does the University offer any Integrated Programmes?	Yes
Total Number of Integrated Programme	3

Integrated Programme	From the State where university is located	From other States of India	NRI students	Foreign Students	Total
Male	159	0	0	0	159
Female	75	0	0	0	75
Others	0	0	0	0	0

Details of UGC Human Resource Development Centre, If applicable

Year of Establishment	15-07-2022
Number of UGC Orientation Programmes	2
Number of UGC Refresher Course	1
Number of University's own Programmes	3
Total Number of Programmes Conducted (last five years)	6

Accreditation Details

Cycle Info	Accreditation	Grade	CGPA	Upload Peer Team Report
A	3.01			
A	3.01			
A	3.01			
B	2.58			
B	2.58			
B	2.58			
Cycle 1	Reassessment			View Document
Cycle 1	Reassessment	3		View Document
Cycle 1	Reassessment			

General Facilities

Campus Type: Vels Institute of Science, Technology and Advanced Studies, Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram

Facility	Status
• Auditorium/seminar complex with infrastructural facilities	Yes
• Sports facilities	
* Outdoor	Yes
* Indoor	Yes
• Residential facilities for faculty and non-teaching staff	Yes
• Cafeteria	Yes
• Health Centre	
* First aid facility	Yes
* Outpatient facility	No
* Inpatient facility	No
* Ambulance facility	Yes
* Emergency care facility	No
• Health centre staff	
* Qualified Doctor (Full time)	2
* Qualified Doctor (Part time)	0
* Qualified Nurse (Full time)	4
* Qualified Nurse (Part time)	0
• Facilities like banking, post office, book shops, etc.	Yes
• Transport facilities to cater to the needs of the students and staff	Yes
• Facilities for persons with disabilities	Yes
• Animal house	Yes
• Power house	Yes
• Fire safety measures	Yes
• Waste management facility, particularly bio-hazardous waste	Yes
• Potable water and water treatment	Yes
• Renewable / Alternative sources of energy	Yes
• Any other facility	Wind Energy

Campus Type: No.12/12, Periyapalayam Road, Velan Nagar, Manjakaranai Village, Uthukottai Taluk, Tiruvallur District	
Facility	Status
• Auditorium/seminar complex with infrastructural facilities	Yes
• Sports facilities	
* Outdoor	Yes
* Indoor	Yes
• Residential facilities for faculty and non-teaching staff	Yes
• Cafeteria	Yes
• Health Centre	
* First aid facility	Yes
* Outpatient facility	Yes
* Inpatient facility	Yes
* Ambulance facility	Yes
* Emergency care facility	Yes
• Health centre staff	
* Qualified Doctor (Full time)	10
* Qualified Doctor (Part time)	0
* Qualified Nurse (Full time)	20
* Qualified Nurse (Part time)	0
• Facilities like banking, post office, book shops, etc.	Yes
• Transport facilities to cater to the needs of the students and staff	Yes
• Facilities for persons with disabilities	Yes
• Animal house	Yes
• Power house	Yes
• Fire safety measures	Yes
• Waste management facility, particularly bio-hazardous waste	Yes
• Potable water and water treatment	Yes
• Renewable / Alternative sources of energy	Yes

• Any other facility	Staff Quarters
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Hostel Details		
Hostel Type	No Of Hostels	No Of Inmates
Boys' hostel	8	1469
Girls's hostel	4	451
Overseas students hostel	1	6
Hostel for interns	1	2
PG Hostel	2	66

Health Professional Education Unit / Cell / Department		
Year of Establishment:		
Education Programs Conducted	Number Programs Conducted	Duration in Months
* Induction	5	1
* Orientation	5	1
* Refresher	3	1
* Post Graduate	3	1

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	VISTAS, being a multi-disciplinary Institution serves as a hub for collaborative research, teaching and community engagement that embodies the spirit of interdisciplinary education and research. It provides wide range of opportunities for students and faculties for fostering growth and development across different disciplines and domains. VISTAS offers interdisciplinary programs such as Bioengineering, Bioinformatics, Biotechnology, Pharmaceutical Analytical Chemistry, Electronics and Computer Engineering, Automation and Robotics, Automobile Engineering and so on. Courses on basic life skills, ethics, Environmental issues, Gender sensitivity, and constitution of India, regional and national languages are integrated along with the curriculum of the programmes to promote holistic education. Courses
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	<p>focusing on community engagement and services such as NSS, SWACH BHARATH are also a part of the curriculum as it instils a sense of social responsibility and civic duty in students. The choice-based credit system and open elective system provide students with the flexibility to tailor their education to their interests and career goals, promoting autonomy and self-directed learning. Value added courses are conducted at VISTAS to equip the students with the latest technological advancements. VISTAS conducts workshops, seminars, and provides fellowships focused on interdisciplinary pedagogy and research methodologies that equip faculty members with the skills and knowledge needed to facilitate multidisciplinary learning experiences. VISTAS conducts project exhibitions for its students titled – AVISHKAR, twice an academic year, to showcase and inculcate hands on skills required for developing products. These projects and products developed involve students from various disciplines to work together. VISTAS encourages collaboration between departments through joint research projects and interdisciplinary seminars to foster a culture of cooperation and knowledge exchange. VISTAS has established various centers of excellences which pools the faculty and students across disciplines to carry out various research activities that are well evident through publications in indexed journals and conferences.</p>
<p>2. Academic bank of credits (ABC):</p>	<p>As per the National Education Policy -2020, the Academic Bank of Credits(ABC) has been envisaged to facilitate the academic mobility of students with an appropriate “Credit Transfer” mechanism from one program to another/one institution to another. In line with NEP-2020 policy with regard to implementation of ABC, the VISTAS has already registered with NAD-DigiLocker, a backbone of ABC, where the academic awards of passed out students have been stored. VISTAS has already registered (Institutional NAD ID: NAD004677) on ABC (Academic Bank of Credits) Portal and created more than 12367 ABC ids so far to facilitate credits mobility for the students. More than 17275 degrees of students and 19760 Mark sheets have been uploaded in NAD –DigiLocker portal. The Curriculum and Syllabi of 2021-22 has been uploaded in the ABC portal for facilitating credits transfer mechanism for students</p>

	<p>admitted in the academic year 2021-22. It is further stated that VISTAS had already facilitated credits transfer for many students who joined in VISTAS from other Institutions across the country by a proper credit transfer mechanism i.e, mapping of subjects and credits earned between the institutions. Moreover, for credit accumulation, students are permitted to register for MOOC recognized by UGC/AICTE and earn credits for credits transfer in lieu of any VISTAS course.</p>
<p>3. Skill development:</p>	<p>VISTAS provides opportunities to all the students to develop their soft skills and hard skills based on their domain and personal interest. The curriculum encourages the students to apply the learning into projects and assignments. These initiatives are envisioned to equip the students with the employability skills to match the industry requirement. The major concern is to fit the students to be industry ready up to the expectations of industry 4.0 and industry 5.0. The skill development initiatives are domain specific, and are linked to their continuous assessments, through value added courses, seminars, mini and major projects, internships/on-the-job training. Opportunities are given to the students to continue on the above activities either during end of the semester or integrated along with their course. Students are encouraged and funded to take part in Hackathons, innovation drives, and inter-university competitions to develop their own ideas and convert them into a design/product. The entrepreneurship development cell (EDC), Institution innovation council (IIC) also plays a prominent role in the skill development of the students through mentorship and support. The career advancement cell of VISTAS trains the students on a regular basis from the first year till they are placed. Industry specific training is provided by expert trainers who update the students on the contemporary skills required in the employment market. All the students are given regular training on personality development and soft skills in which their communication skills, social skills and life skills are developed. The placement training is an integral part of the students training programme, where the students are exposed to the interview skills, analytical, logical thinking and interpersonal behaviour. These developmental programmes support</p>

	<p>and guides the students to develop skills to fulfil their desire to be placed in corporates or to be an innovator. VISTAS is a part of UGC Skill Hub, AICTE Karma, and NASSCOM Future Skills platforms that enables students to take add on courses for enhancing the skills.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>VISTAS is a forerunner in integration of the Indian knowledge system into the mainstream. School of languages comprises the Departments of Tamil and Hindi that aids the students of all programmes to master Indian languages. The School of Music and fine arts cater to the needs of students by empowering them in traditional dance, music and arts. The programme on Astrology imparts ancient knowledge and culture to its students. A course titled Basic Life skills is part of the curriculum for many programmes thereby enabling students to learn about yoga and meditation. Student Induction program is conducted for students to make them aware of the Universal Human Values (UHV). Courses on UHV, Indian Constitution, Indian Tradition etc., have also been mandated for many programmes. Faculty from VISTAS participated in the short-term training programme on IKS conducted by Indian Knowledge System (IKS), Ministry of Education, Govt. of India, New Delhi in collaboration with UGC and Master’s Training Faculty Program was conducted by Indian Knowledge System, IKS Division -Ministry of Education, Govt. of India, New Delhi in collaboration with UGC. To create awareness of Indian Knowledge System among the faculty members and students, VISTAS conducted Webinar on Overview on IKS and Opportunities on IKS. Outside participants and VISTAS faculty members, research scholars, and students from various disciplines are participated in the webinar. In addition to the curriculum, various extra-curricular activities such as symposiums, conferences and competitions on Indian languages and culture are conducted on a regular basis. The various student clubs in the Institution such as the Dance club, Music club, Tamil Literary club etc., and the annual cultural events such as Vels Nakshatra and Vels Stars have profoundly promoted Indian traditional culture and language among the student community at VISTAS.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The teaching learning process at VISTAS is Learner Centric focusing on the development of proficient</p>

	<p>and skilful graduates by diligently following the principles of Outcome Based Education (OBE). All the Departments of VISTAS have well defined Vision and Mission that are inline with the vision and mission of the Institution. Programme Educational Objectives (PEO) are written for all the programmes in accordance with the mission of the department. The Programme Outcomes (PO) are framed as per the directions of the accrediting agencies and Programme Specific Objectives (PSO) that are specific to the programmes are defined by the departments. The Vision and Mission of the Department, PEOs, POs and PSOs of the programmes are approved by the Board of Studies and IQAC. They are periodically evaluated, and revisions are made to ensure that they are relevant and aligned with global standards in disciplinary knowledge, professional and social skills. The curriculum, courses, Course Outcomes (CO) and syllabi for the courses are determined to ensure that the students are equipped as per the outcomes defined in terms of PO's and PSO's by the end of their programme. Course Outcomes (CO) are Specific, Measurable, Achievable, Relevant and Time Bound (SMART). They are mapped to the relevant PO's using three levels of correlation (high, medium and low). The entire curriculum is framed to ensure that all the PO's and PSO's are mapped to the CO's of the various courses. The CO, PO and PSO attained by students are measured through Direct and Indirect methods. Continuous Internal Assessments (CIA) and End Semester Examinations contribute to the direct attainment. All the assessment questions are mapped to the CO's and the marks obtained for each CO is used to measure the outcome for the corresponding CO. Indirect attainment is obtained from the Course Exit Survey, Feedback and Employer survey. The CO, PO and PSO attainment of the various batches is appraised at the end of every semester and the teaching-learning process is enhanced to ensure that the graduating students are competent, adept and equipped professionally and socially.</p>
6. Distance education/online education:	<p>VISTAS offers Open and Distance Learning Programmes from July 2023 with approval of University Grants Commission (UGC)-Distance Education Bureau (DEB). The Centre for Distance and Online Education (CDOE) at VISTAS has developed Self-Learning Materials (SLM) both in</p>

print and electronic form as per Self Instructional Mode (SIM) format with ISBN for the ODL students enrolled at VISTAS. Web Blended approach is followed for ODL students at VISTAS. For creating awareness about SWAYAM Prabha DTH Channels, the details have been placed in Learning Materials meant for the ODL students as per instruction of UGC-DEB. At present 280 students are on roll for the four Undergraduate [BBA, B. Com, B.A (Hons) English and B.A (Hons) Economics] and a Postgraduate [MBA] Open Distance Learning (ODL) Programmes. Both MBA and MCA programmes was approved by All India Council for Technical Education (AICTE) and Distance Education Bureau (DEB). VISTAS provides various avenues of Online learning to its students to enhance their technical and professional skills. The in house Learning Management System(LMS) via MOODLE at VISTAS is designed to help students find all the learning resources and materials corresponding to their courses online. E-Learning materials are captured via the lecture capturing systems and are integrated into the MOODLE LMS that can be accessed by students. Learning material, quizzes and assignments are also available and assessed via the LMS. VISTAS subscribes to various MOOCs platforms such as SWAYAM, NPTEL, COURSERA, NASSCOM, MATHWORKS, FUTURE SKILLS etc. that enables students to do various courses online. Credit transfer is done for students who successfully complete the equivalent courses in the SWAYAM/NPTEL platforms as per the UGC guidelines. The Vels Library Subject Gateway Digital Portal is subscribed to various online journals, periodicals, e-books and e-resources that equips faculty and students in teaching, learning and research. Virtual laboratories, simulators, licensed and open access softwares are made available to students to enhance their hands-on skills.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Yes, Electoral Literacy Club has been set up.
2. Whether students' co-ordinator and co-ordinating	Yes, Student Co-ordinator is Mr.S.Sathish Shyam,

<p>faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>B.Sc Computer Science Ist year / C Sec. Faculty Coordinator is Dr.V.Mageswari. ELC is functional and it is representative in character.</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Innovative programs have been undertaken. 1. Every year National Voters Day is observed on 25th January. 2. Voting awareness rally was organised from University Campus to Municipal Office, Pallavaram on 5th April 2024. 3. Voter Awareness Human Chain was organised on 16th April 2024 on the 200ft road where 2000 students participated. Chengalpattu District Collector Mr.Arun, IAS and Tambaram Corporation Commissioner Ms. Alagu Meena IAS inaugurated the event. 4. NSS Students took Voting Pledge on 28.03.2024.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>During the current academic year our students participated in the Drawing Competition organised by Chengalpattu Collectorate for creating voting awareness</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>Every year during the first semester the Electoral Literacy Club has been visiting all the first year classes to instruct the students above 18 years of age to enroll their names in the Electoral role.</p>

Extended Profile

1 Program

1.1

Number of all programs offered by the institution during the last five years

Response: 135

File Description	Document
Institutional data in prescribed format	View Document

2 Students

2.1

Number of students year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
13622	13235	12233	11913	11390
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of graduated students year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
3822	3667	4018	3639	2831
File Description		Document		
Institutional data in prescribed format		View Document		

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
767	742	701	696	663

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
767	742	701	696	663

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
17268.88	13339.17	11816.42	7443.43	6007.29

File Description	Document
Institutional data in prescribed format	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curriculum Design and Development

1.1.1

Curricula developed and implemented have relevance to the local, national, regional and global health care needs which are visible in Programme Outcomes (POs), and Course Outcomes (COs) offered by the University, as per the norms of the Regulatory Bodies.

Response:

Response:

Vels Institute of Science, Technology, and Advanced Studies (VISTAS) stands as a multidisciplinary institution offering a broad spectrum of academic programs at both undergraduate (UG) and postgraduate (PG) levels, duly approved by various authoritative committees including MCI, INC, PCI, BCI, UGC, AICTE, DGS, and NCTE. The curriculum at VISTAS incorporates the Choice-Based Credit System (CBCS) and Outcome-Based Education (OBE) in line with the regulations set forth by the governing bodies, evident in the Program Outcomes (PO) and Course Outcomes (CO). Here are the fundamental aspects of curriculum development:

a. Curriculum Design Process:

VISTAS follows a meticulously structured process for crafting and revising curricula, incorporating feedback from the Board of Studies, Academic Council, and Board of Management. The Academic Council and Board of Management contribute significantly to curriculum design, ensuring a comprehensive approach. These bodies, representing all stakeholders such as faculty, academic peers, industry experts, employers and alumni, ensure that the curriculum aligns with the institution's vision, mission, departmental Program Outcomes, Course Outcomes, and statutory requirements. Moreover, they ensure alignment with the evolving needs of healthcare and other relevant sectors at local, national, regional, and global levels, aiming to equip students with theoretical knowledge, practical skills and ethical values essential for a successful healthcare profession.

b. Relevance to Local Healthcare Needs:

The curricula developed and implemented at VISTAS are tailored to address local healthcare needs such as hypertension and medical negligence through the Courses like Adult Health Nursing with integrated pathophysiology, Anatomy, Physiology, and Biochemistry reflect these concerns in the Program Outcomes related to Professional Nursing, Medical Knowledge Skills, Professionalism and Responsibilities.

c. Relevance to National Healthcare Needs:

National healthcare needs, often centered around Cardiovascular Diseases are addressed through courses like General Medicine, General Surgery, Pharmacology, and Child Health Nursing, evident in the

Program Outcomes focusing on Medical Knowledge Skills and Patient Care.

d. Relevance to Regional Healthcare Needs:

The curricula at VISTAS also address regional healthcare needs like Laboratory-Associated Errors and Respiratory Diseases through Courses like Anatomy, Pharmacology, Applied Anatomy, and Applied Physiology cater to these requirements, reflected in the Program Outcomes emphasizing Medical Knowledge and Skill, Patient-Centered Care, Professionalism and Responsibilities

e. Relevance to Global Healthcare Needs:

Global healthcare needs, exemplified by challenges such as Infectious diseases like COVID-19, are met through courses like Community Health Nursing-I including Environmental Science and Epidemiology, aligning with Program Outcomes highlighting Lifelong Learning, Professional Development and Advancement. The integration of robotics in healthcare for quality patient care and task automation is addressed through courses like Machine Vision System, Robotics and its Application, Biostatistics & Research Methodology, contributing to Program Outcome related to Professional Development and Advancement.

VISTAS commitment to aligning its curriculum with diverse healthcare needs at local, national, regional and global levels underscores its dedication to producing well-rounded professionals equipped to tackle contemporary healthcare challenges with competence and compassion.

File Description	Document
Any additional information	View Document
Link for Curricula implemented by the University	View Document
Link for Outcome analysis of POs, COs	View Document
Link for Additional Information	View Document

1.1.2

Percentage of Programmes where syllabus revision was carried out during the last five years

Response: 98.52

1.1.2.1 How many programs were revised out of total number of programs offered during the last five years

Response: 133

File Description	Document
Syllabus prior and post revision of the courses	View Document
Minutes of relevant Academic Council/BOS meetings	View Document
Institutional data in prescribed format	View Document
Details of the revised Curricula/Syllabi of the programmes during the last five years	View Document
Any additional information	View Document

1.1.3

Provide a description of courses having focus on competency/ employability/ entrepreneurship/ skill-development offered either by the University or in collaboration with partner Institutions/Industries during the last five years

Response:

Response:

Vels Institute of Science, Technology and Advanced Studies (VISTAS) has included competency, employability, entrepreneurship and skill development as program outcomes in all disciplines. To fulfil the constantly changing demands of the industry and to focus on at least one or more of these qualities, VISTAS offers various courses in collaboration with partner Institutions and Industries.

Competency based courses

VISTAS offered competency-based courses which are aligned with the guidelines of regulatory bodies as well as tailored to improve individual personalities and overall development. VISTAS has added additional competencies like leadership and interpersonal skills. VISTAS curriculum has been thoughtfully designed to conform to industry standards and best practices.

Employability based courses

The curriculum designed by VISTAS, provides a strong understanding of the abilities associated with respective discipline. To enhance employability, VISTAS has included team work, critical thinking, work ethics, communication and personality development topics as a part of the program. To get students prepare for employment, VISTAS offers customized training programs to place students in various Industries.

Skill development courses

VISTAS provides a large selection of courses with an emphasis on skill development. For those looking to excel in critical thinking, problem-solving, general aptitude skills and cognitive tasks, communication and personality development courses are designed. Additionally, Institution provides advance knowledge

in pertinent fields as well as data analysis, mathematical reasoning and problem-solving techniques.

Entrepreneurship courses

The goal of the entrepreneurship courses is to inspire and enable students to become creative problem solvers, inventive leaders and agents of social and economic change. To foster an entrepreneurial spirit, management courses are given in a variety of fields, including science, engineering, pharmacy, law and medicine.

Collaboration with Institutions/Industries

VISTAS has actively collaborated with industries and institutions to foster innovation and address real world challenges. The industry collaborated programmes, internship and industrial projects provide students with hands-on experience, equipping them with industry-relevant skills, thus enhancing their employability.

Samples courses

Attribute	Course	Syllabus content
Competency	17BP205T Computer Applications in Pharmacy B.Pharm.	Application of Computer technology in Pharmacy
Employability	17MPP104T Clinical Research M.Pharm. Pharmacy Practice	Employability opportunities on safety of medical procedures, tests and medications
Entrepreneurship	21DMSP31 Enzyme Technology and Related Entrepreneurial Skills M.Sc. Pharmaceutical and Analytical Chemistry	Development of entrepreneurial skills, Converting knowledge and innovation from academic to industrial platform.
Skill Development	21PMAM22 Medical Immunology and Medical Lab Technology M.Sc. Applied Medical Biotechnology and Clinical Research	Development of clinical laboratory test skills in the area of Immunology

Industry/Institution Collaboration

MoU	Nature of collaboration	Programs run
ESI Hospital, Chennai	Clinical training	Pharm D
ST. ISABEL'S Hospitals, Chennai	Pharmacy practical training, Symposium, Conference, workshop and short-term refreshing courses	M.Pharm, Pharm D
Dr.JRK's Research and Pharmaceuticals Pvt Ltd, Chennai	Pharmacy practical training, Symposium, Conference, workshop and short-term refreshing courses	M.Pharm, Pharm D
Government Hospital, Ponneri, Tiruvallur Dt.	Clinical training	B.Sc. Nursing
IBM, Chennai	Knowledge sharing in Cloud Technology and Big Data Analytics, Workshop and training programs	M.B.A and B.Tech. IT
Confederation of Indian Industry (CII), Chennai	Knowledge sharing in Logistics and Shipping, Logistics and Supply chain, Workshop and training programs	M. B. A
University of Pittsburgh, U.S.A	Faculty exchange, Student exchange and Joint research programs	VISTAS

File Description	Document
Any additional information	View Document
Link for courses having focus on competency/ employability/ entrepreneurship/ skill-development	View Document
Link for additional information	View Document
Link for MOUs with Institutions / Industries for offering these courses	View Document

1.2 Academic Flexibility

1.2.1

Percentage of Programmes in which Choice-Based Credit System (CBCS)/Elective Course System

has been implemented, wherever provision was made by the Regulatory Bodies (Data for the preceding academic year).

Response: 100

1.2.1.1 Number of programmes in which CBCS/ Elective course system implemented.

Response: 133

1.2.1.2 Total number of Programmes where there is regulatory provision for CBCS / elective course system

Response: 133

File Description	Document
University letter mandating implementation of CBCS by the institution	View Document
Structure of the program clearly indicating courses, credits/Electives as approved by the competent board	View Document
Minutes of relevant Academic Council/BoS meetings Clearing indicating the adoption of CBCS System and/or	View Document
Institutional data in prescribed format	View Document
Document for Structure of Programs mentioning the Credit Allocation and Elective options	View Document
Any additional information	View Document
Link for additional information	View Document

1.2.2

Percentage of new degree programmes, fellowships and diplomas introduced by the university across all Faculties during the last five years (certificate programmes are not to be included)

Response: 43.7

1.2.2.1 Number of new Degree Programmes, Fellowships and Diplomas introduced by the University during the last five years

Response: 59

File Description	Document
Minutes of relevant Academic Council/BoS meetings Clearing approving the introduction of new Degree Programmes, Fellowships and Diplomas claimed in the SSR	View Document
List of the new Programmes introduced during the last five years	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

1.2.3

Percentage of interdisciplinary courses under the programmes offered by the University during the last five years

Response: 60.09

1.2.3.1 Number of interdisciplinary courses offered by institution during the last five years

Response: 10255

1.2.3.2 Number of courses offered by the institution across all programs during the last five years

Response: 17066

File Description	Document
Minutes of relevant Academic Council/BoS meetings Clearly approving the interdisciplinary Courses with specifications of departments involved	View Document
List of Interdisciplinary courses under the programmes offered by the University during the last 5 years	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional Information	View Document

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the curricula

Response:

Response:

VISTAS believe that the objective of education is to promote flexibility, tolerance and adaptability, thus preparing the students to easily get accommodated in multinational environment and global workspaces. The curriculum is designed based on the above-mentioned topics. While a few courses are designed exclusively to address the above, majority of the courses contain reference to these issues.

Sample of courses addressing the issues directly or indirectly are mentioned below

S.No	Cross cutting Issues	Description	Sample Course covering the issues
1.	Gender	Gender Equality, Gender Sensitivity, Positive Discrimination, Gender Rights	<ul style="list-style-type: none"> • Gender Institution and Society • Gender Culture Technology
2.	Environment and Sustainability	Environmental Studies, Classification of Natural Resources, Renewable and Non-Renewable Resources, Biodiversity and Methods of Conservation. Environmental Pollution.	<ul style="list-style-type: none"> • Environmental Science and Engineering • Environmental Science and Community Medicine
3.	Human Values	Socioeconomic, environmental and cultural aspects of healthcare, The Rights of Mentally ill Individuals and Human Values	<ul style="list-style-type: none"> • Attitude • Ethics Communication Module (AETCOM) Mental Health Nursing II, • Psychology
4.	Health Determinant and Right to Health	Illness and Illness Behaviour, Factors Influencing Health Levels, Immunity, Factors Determining Health, Health services	<ul style="list-style-type: none"> • Forensic Medicine and Toxicology • Community Medicine • Community Based Rehab/ Disability Evaluation
5.	Emerging Demography	Emerging Technology and Demography	<ul style="list-style-type: none"> • Information Security and Cyber Laws • Anaesthesia for

			Trauma and Emergency Theory • Dermatology
6.	Professional Ethics	Ethics, Legal Matters Related to Medicine, Ethical Considerations in Midwifery and Critical Care Units, Legal and Ethical Issues	• Medical Law and Ethics • Professional ethics in Engineering • Principles of Management and Professional Ethics

Attainments - Incorporation of the above-mentioned issues in the curriculum has resulted in the following attainments:

Cross cutting issues	Attainments
Gender	<ul style="list-style-type: none"> • Around 55% of faculty are women and 35% of students are girls • Gender sensitization cell has been constituted as per directives of MHRD. Student Gender Champions are nominated to UGC who facilitate a gender-sensitive environment within their institutes. • Gender equity promotion activities like Workshops, special lectures on gender sensitization by external resource persons were organized. • Every year V-Fund a woman empowerment program for women entrepreneurship was organized on International Women’s Day.
Environment and Sustainability	<ul style="list-style-type: none"> • Institute is implementing environmental studies module as mandatory course for all programs. • VISTAS has received the Green Campus Award • Event on sustainable development goals was conducted to make the best use of resources and technology in more productive way.
Human Values	<ul style="list-style-type: none"> • As per AICTE’s guidelines, UHV has been included as a compulsory subject for all engineering students and several faculty members are trained in UHV to teach the students.
Health Determinant and Right to Health	<ul style="list-style-type: none"> • Health camps, CPR training, World TB Day, family survey camps are organized. • Students are provided with health insurance

	cards and staff members are provided with free health screening camps
Emerging Demography	<ul style="list-style-type: none"> DST- SEED STI HUB PROJECT has been taken up for the upliftment of livelihood of the people
Professional Ethics	<ul style="list-style-type: none"> VISTAS has implemented Ethics based courses in the curriculum of Medicine, Nursing, Allied Health Sciences, Engineering, Pharmacy and Legal Studies

File Description	Document
List of courses that integrate crosscutting issues mentioned above	View Document
Any additional information	View Document
Link for list of courses that integrate crosscutting issues mentioned above	View Document
Link for description of the courses which address Gender, Environment and Sustainability, Human Values, Health Determinants, Right to Health Issues, Emerging demographic changes and Professional Ethics in the Curricula	View Document
Link for additional information	View Document

1.3.2

Number of value-added courses offered during the last five years that impart transferable and life skills.

Response: 484

1.3.2.1 Number of value-added courses are added within the last five years

Response: 484

File Description	Document
Institutional data in prescribed format	View Document
Brochure or Course content or syllabus relating to Value added courses to be uploaded in the SSR	View Document
Any additional information	View Document
Link for additional information	View Document

1.3.3**Percentage of students successfully completed the value-added courses during the last five years****Response:** 81.48

1.3.3.1 Number of students who successfully completed the value-added courses imparting transferable and life skills offered year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
10392	9787	9039	10867	10751

File Description	Document
The institution should provide list of the students as per the requirement in the template failing which the claim will not be considered	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

1.3.4**Students undertaking field visits / research projects / Industry internships/ visits/Community postings as a part of curriculum enrichment****Response:****Response**

The curriculum of the course includes both theoretical and practical domain knowledge. The institution promotes practical exposure through field or industrial visits, research projects, internships, community postings, and other activities to enrich the curriculum. As part of the curriculum, students are required to complete industrial internships and submit a report.

As a part of the health care programme, VISTAS students are engaged in community posting where they can conduct community surveys, diagnose, acquire adequate knowledge, develop desirable attitudes and practice in taking care of individuals, families, and the community.

Field Visits

Students in various programs such as Engineering, Science, Humanities, and Medicine are offered field visits to companies, sites, exhibitions, and community-based healthcare centers like Micro Labs -

Bangalore, HATSUN Agro Product Ltd. - Kanchipuram, Cyrix health care Pvt. Ltd. - Kerala etc. to enrich their learning opportunities.

Research projects

The students of Pharmacy, Physiotherapy, Humanities and Engineering are encouraged to take on short-term projects as a part of the program. PG students and UG students do their research projects in the final year of their program. Whenever possible, the laboratory assignments are designed in the form of a mini-project. Teamwork projects are also encouraged.

Industry Internship

A compulsory rotatory internship is exclusively dedicated to postings in rural centers. There are several outreach programmes for the students of Medicine, Nursing, and other Allied Health Sciences branches. The students utilize these outreach activities to reach the population with high unmet needs and deliver health care services. Industry internships are also provided to Engineering, Science, and Humanities students.

Community postings

Most of the community postings for Medical and Health science are near urban and rural health training centers like Urban Health Training Center – Arani and Rural Health Center – Vadamadurai etc. Students are given a schedule to which they adhere meticulously, and a logbook duly signed by the faculty member is maintained.

Students receive the following advantages after undergoing field visits/research projects/industry internships/community postings.

Nature of curricular enrichment	Impact on Students
Field visits	Upgrade students with current updates about the industrial profession and provide knowledge of new modern techniques employed in the industries.
Research projects	The students gain practical knowledge while undertaking research projects in their respective streams. This practical knowledge helps them to perform well in their career.
Industry internships	An internship provides first-hand experience, professional opportunities, and personal growth. In addition, it enhances competitiveness when seeking employment opportunities.
Community postings	Community postings aim to protect and promote the health and well-being of communities through a primary healthcare approach.

Nature of curricular enrichment	Examples of field visits / research projects / industry internships / community postings
Field visits	Micro Labs - Bangalore, TechnoMed Solutions-

	Chennai etc.
Research projects	Electro-catalytic Biodegradation of Industrial Textile Effluents, Molecular Docking Studies of Phytochemical Constituents Adhathoda Vasica against Superfamily Subgroup of Trehalose-6-Phosphate Phosphatase etc.
Industry internships	ESI Hospital – Chennai, Green Tree Testing Lab – Chennai, etc.
Community postings	Urban Health Training Center – Arani and Rural Health Center – Vadamadurai etc.

File Description	Document
Any additional information	View Document
Link for list of Programmes and number of students undertaking field visits / research projects / internships/Industry visits/Community postings	View Document
Link for additional information	View Document

1.4 Feedback System

1.4.1

Mechanism is in place to obtain structured feedback on curricula/syllabi from various stakeholders. Structured feedback received from:

- 1. Students**
- 2. Teachers**
- 3. Employers**
- 4. Alumni**
- 5. Professionals**

Response: A. All of the above

File Description	Document
Stakeholder feedback report as stated in the minutes of the Governing Council/Syndicate/ Board of Management	View Document
Sample filled in Structured Feedback forms designed by the institution for each category as claimed in SSR	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for feedback report from stakeholders	View Document
Link for additional information	View Document

1.4.2

Feedback process of the Institution may be classified as:

Response: C. Feedback collected and analysed

File Description	Document
Institutional data in prescribed format	View Document
Any other relevant information	View Document
Action taken report of the University on feedback as stated in the minutes of the Governing Council/ Syndicate/ Board of Management	View Document
URL for stakeholder feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories.

Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 90.98

2.1.1.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
3156	3144	2736	2685	2590

2.1.1.2 Number of seats earmarked for reserved categories as per GOI or State Govt. norms year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
3628	3446	2943	2928	2815

File Description	Document
Institutional data in prescribed format	View Document
Initial reservation of seats for admission	View Document
Final admission list published by the HEI	View Document
Copy of letter issued by state govt. or and Central Government (which-ever applicable) Indicating the reserved categories to be considered as per the GO rule (translated in English)	View Document
Any additional information	View Document
Annual Report/ BOM report/ Admission report duly certified by the Head of the Institution.	View Document
Admission extract submitted to the state OBC, SC and ST cell every year.	View Document
Link for additional information	View Document

2.1.2

Student Demand Ratio applicable to programmes where state / central common entrance tests are not conducted

Response: 55.16

2.1.2.1 Number of eligible applications received year-wise during the last five years for programmes where State / Central Common Entrance Tests are not conducted

2022-23	2021-22	2020-21	2019-20	2018-19
73925	65340	62612	30589	21655

2.1.2.2 Number of seats available year-wise/eligible applications received during the last five years where *State / Central Common Entrance Tests are not conducted*

2022-23	2021-22	2020-21	2019-20	2018-19
5108	4843	4264	4244	4079

File Description	Document
The details certified by the Controller of Examination or Registrar evaluation clearly mentioning the programs that are not covered under CET and the number of applications received for the same	View Document
Institutional data in prescribed format	View Document
Extract of No. of application received in each program	View Document
Document relating to Sanction of intake	View Document
Any additional information	View Document
Link for additional information	View Document

2.1.3

Student enrollment pattern and student profile demonstrate - national/international spread of enrolled students from other states and countries

Response: 4.15

2.1.3.1 Number of students from other states and countries year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
175	270	107	152	171

2.1.3.2 Total number of students enrolled in that year

2022-23	2021-22	2020-21	2019-20	2018-19
4982	4601	3858	3800	3729

File Description	Document
Previous degree/ Matriculation / HSC certificate from other state or country	View Document
List of students from other states and countries	View Document
Institutional data in prescribed format	View Document
E-copies of admission letters are issued to the students enrolled from other States / Countries.	View Document
Copy of the domicile certificate as part of the from other states and countries and/or Previous degree/Matriculation / HSC certificate from other state or country	View Document
Any additional information	View Document
Link for additional information	View Document

2.2 Catering to Student Diversity

2.2.1

The Institution assesses the learning levels of the students after admission and organises special programmes for advanced learners and slow performers

The Institution:

- 1. Adopts measurable criteria to identify low performers.**
- 2. Adopts measurable criteria to identify advanced learners**
- 3. Organizes special programmes for low performers and advanced learners**
- 4. Follows protocols to measure students' achievement**

Response: A. All of the above

File Description	Document
Proforma created to identify slow learners/advanced learners	View Document
Methodology and Criteria for the assessment of Learning levels Details of special programmes	View Document
Institutional data in prescribed format	View Document
Details of outcome measures	View Document
Consolidated report submitted to Dean academics /Dean student's welfare on special programs for advanced learners and slow learners	View Document
Any additional information	View Document
Link for additional information	View Document

2.2.2**Student - Full- time teacher ratio (data of preceding academic year)****Response:** 17.76

File Description	Document
List of students enrolled in the preceding academic year	View Document
List of full time teachers in the preceding academic year in the University (with Designation and Highest Qualification obtained)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

2.3 Teaching- Learning Process**2.3.1****Student-centric methods, are used for enhancing learning experiences by:**

- **Experiential learning**
- **Integrated/Inter-disciplinary learning**
- **Participatory learning**
- **Problem-solving methodologies**

- **Self-directed learning**
- **Patient-centric and Evidence-based learning**
- **The Humanities**
- **Project-based learning**
- **Role play**

Response:

VISTAS employs a variety of learning strategies, including Experimental Learning, Problem-Based Learning, Blended Learning, Collaborative Learning, Evidence-Based Learning, and Interactive Learning. The focus on student-centric learning revolves around Learning Management Systems (LMS) and Knowledge Management Systems (KMS). Allowing access to MOOC open courses, such as MHRD's SWAYAM, NPTEL, UGC-INFONET Digital Library Consortium, and NDL, through the Vels Knowledge Resource Centre enhances the self-directed learning process. Through the adoption of blended and flipped learning, student engagement in the learning process is ensured. VISTAS boasts facilities such as a Library, Digital Library, Video Conferencing Facility, Smart Classrooms, ICT Enabled Classrooms, Language Laboratory, Business Analytics Lab, Cloud Computing Lab, CADD Lab, 24 x 7 access to Vels Knowledge Resource Centre, and an Open Source Software Lab, all geared towards student-centric learning. Collaborative programs with IBM and iNurture enhance students' hands-on learning experiences. VISTAS provides open and general elective courses in order to encourage interdisciplinary learning. Virtual Learning facilitated by IITM and IITK under the Moodle program, along with a local chapter of MHRD-NME-ICT's Virtual Lab channeled through Amirta Vishwa Vidyapeedam, further enrich the learning environment.

The faculties of the School of Pharmacy and Computing Sciences have developed online content through MOOCs, available on e-platforms. Full-fledged WiFi facilities in campus enable access to the central library's e-resources from classrooms. Clinical skill labs and simulators in various schools enhance students' practical experiences. Detailed demonstration sessions for MBBS students offer ample opportunities for learning enhancement. The School of Education employs exclusive teaching methodologies like micro-teaching, evidence-based teaching, and programmed learning. The Faculty of Management utilizes additional learning methodologies such as group discussions, case studies, role-playing, news hours, business plans, AdZap, and brainstorming sessions. Participative learning through MOOT Courts and legal aid camps is conducted by the School of Law. Systematic practical training by the departments of HCM and VISCOM prepares students for industry roles upon graduation. All schools at VISTAS collaborate with industry partners for internships, providing students with hands-on experience. The School of Education offers 80 working days of internships for student teachers in allotted schools, enhancing their employability and entrepreneurial skills. Certain courses involve self-study, seminars, assignments, group discussions, debates, model building, and experiential learning. Through demonstrations, simulations, library hours, workshops, video conferencing, practical and clinical sessions, students from various disciplines evolve in the learning process. Students communicate their learning through seminars, which is also assessed by faculty. Various club activities encourage student participation in scholarly endeavors. High achievers are developed through problem-solving skills, numerical problems in mathematics for physics, chemistry, and engineering students. They are also encouraged to undertake extra internship hours, participate in and present papers at conferences, exhibit their inventions, and apply for patents. Assigning various projects tailored to students' levels ensures the development of problem-solving abilities.

File Description	Document
Any additional information	View Document
Link for list of student-centric methods used for enhancing learning experiences	View Document
Link for additional information	View Document

2.3.2

Has provision for the use of Clinical Skills Laboratory and Simulation Based Learning

The Institution:

1. Has Basic Clinical Skills Training Models and Trainers for clinical skills in the relevant disciplines.
2. Has advanced patient simulators for simulation-based training
3. Has structured programs for training and assessment of students in Clinical Skills Lab / Simulation centre
4. Conducts training programs for the faculty in the use of clinical skills lab and simulation methods of teaching-learning

Response: A. All of the above

File Description	Document
Report on training programmes in Clinical skills lab/simulator Centre	View Document
Proof of patient simulators for simulation-based training	View Document
Proof of Establishment of Clinical Skills Laboratories	View Document
List of clinical skills training modals	View Document
Institutional data in prescribed format	View Document
Geo-tagged photographs of clinical skills lab facilities, clinical skills modals, patients simulators	View Document
Details of training programs conducted and details of participants	View Document
Any additional information	View Document
Link for additional information	View Document

2.3.3

Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources

Response:

ICT enhances education in numerous ways: by boosting learner motivation and engagement, facilitating the acquisition of fundamental skills, and improving teacher training. Integrating ICT into education holds several merits. It not only revolutionizes traditional teaching methods but also demands that teachers be more creative in adapting and customizing their teaching materials and strategies. Adequate training is provided to teachers who successfully utilize this powerful tool for educational change and reform in instruction, learning, and assessment. Through ICT, learning can take place anytime and anywhere; for instance, online course materials are accessible 24/7. ICT helps transform teaching environments into learner-centered ones, offering purpose-designed applications that cater to diverse learning needs.

VISTAS collaborates with senior academicians, educationalists, and experts from EdTech industries to conduct faculty development and teacher education programs. These initiatives equip faculty members to integrate technology into the teaching-learning process, including outcome-based education and various pedagogical methods such as blended learning, flipped classrooms, collaborative learning, and problem-based learning. During the pandemic, online classes using tools like GSUITE, WebEx, and ZOOM, along with proctored online end-semester examinations, were conducted.

Electronic resource packages like MOOCs, NPTEL, SPOKEN TUTORIAL, E-pathshala and the Digital Library are accessible. NPTEL courses can be accessed from the library's server, integrated into the Learning Management System (LMS). VISTAS faculty members utilize various ICT tools such as desktops, laptops, projectors, digital cameras, printers, photocopiers, tablets, pen drives, iPads, scanners, microphones, interactive whiteboards, DVDs, CDs, and flash drives. They effectively employ these resources to demonstrate concepts and assess students' understanding through quizzes, seminars, and concept maps. Lecture capturing system by Upgrad is available for students to review and revise lectures at their convenience.

Lab manuals are provided to students well in advance, and virtual labs are utilized for simulations. Online drawing tools like concept maps and mind maps facilitate student-centric activities. Academic books with academic plans, lesson plans, lab manuals, and question banks with solutions are made available at the beginning of each semester. Google Classroom is used to manage and post course-related information, including learning materials, quizzes, lab submissions, evaluations, and assignments. Regular online quizzes and polls gather student feedback.

ICT serves to expand access to education. Faculty members from all departments conduct seminars, webinars, workshops, and guest lectures on new developments in core subjects to enhance teaching and learning. Seminar halls are equipped with multimedia facilities, and the library offers a wide range of e-resources through the VISTAS consortium, accessible 24/7 via remote access. The library provides ample books, journals, e-journals, and e-books, with research journals available online through a proxy server on campus.

File Description	Document
Any additional information	View Document
Link of the details of ICT-enabled tools used for teaching and learning	View Document
Link for list of teachers using ICT-tools	View Document

2.3.4

Student :Mentor Ratio (preceding academic year)

Response: 18.38

2.3.4.1 Total number of mentors in the preceding academic year

Response: 741

File Description	Document
Records of mentors-mentee meetings.	View Document
Log Book of mentors	View Document
Institutional data in prescribed format	View Document
Details of fulltime teachers/other recognized mentors	View Document
Copy of circular pertaining to the details of mentor and their allotted mentees	View Document
Approved Mentor list as announced by the HEI	View Document
Any additional information	View Document
Link for additional information	View Document

2.4 Teacher Profile and Quality

2.4.1

Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year-wise list of fulltime teachers and sanctioned posts for the last 5 years (Certified by the Head of the Institution)	View Document
Institutional data in prescribed format	View Document
Faculty position sanction letters by the competent authority	View Document
Appointment letters of faculty during last five years	View Document
Any additional information	View Document
Any additional information	View Document
Link for additional information	View Document

2.4.2

Average percentage of fulltime teachers with Ph.D./D.Sc./D.Lit./ DM/M Ch/DNB in super specialities /other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils / Universities during the last five years

Response: 51.35

2.4.2.1 Number of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. Last five years data to be entered.

2022-23	2021-22	2020-21	2019-20	2018-19
489	420	344	319	275

File Description	Document
List of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils and the	View Document
Institutional data in prescribed format	View Document
Copies of Guide-ship letters or authorization of research guide provide by the competent authority	View Document
Any additional information	View Document
Link for additional information	View Document

2.4.3**Average teaching experience of fulltime teachers in number of years (preceding academic year)****Response:** 10.05**2.4.3.1 Total teaching experience of fulltime teachers in number of years (cumulative experience)****Response:** 7705.19

File Description	Document
List of full-time teachers for the preceding academic year with their designation, department and number of years of teaching experience	View Document
Institutional data in prescribed format	View Document
Experience certificate of full time teacher	View Document
Any additional information	View Document
Link for additional information	View Document

2.4.4**Average percentage of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the last 5 years.****Response:** 100**2.4.4.1 Number of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the last 5 years**

2022-23	2021-22	2020-21	2019-20	2018-19
767	742	701	696	663

File Description	Document
Reports of the e-training programmes	View Document
List of teachers trained for development and delivery of e-contents / e-courses / video lectures / demonstrations during the last 5 years	View Document
List of e-contents / e courses / video lectures / demonstrations developed	View Document
Institutional data in prescribed format	View Document
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	View Document
Any additional information	View Document
Web-link to the contents delivered by the faculty hosted in the HEI's website	View Document
Link for additional information	View Document

2.4.5

Average percentage of fulltime teachers who received awards and recognitions for excellence in teaching, student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / academics during the last five years

Response: 21.61

2.4.5.1 Number of fulltime teachers who received awards and recognitions for excellence in teaching and student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / *academies* during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
296	142	118	129	99

File Description	Document
Institutional data in prescribed format	View Document
Certified e-copies of award letters (scanned or soft copy)	View Document
Any additional information	View Document
Link for additional information	View Document

2.5 Evaluation Process and Reforms

<p>2.5.1</p> <p>Average number of days from the date of last semester-end/ year- end examination to the date of declaration of results during the last five years</p> <p>Response: 11</p>														
<p>2.5.1.1 Number of days from the date of last semester-end/ year- end examination to the date of declaration of results year-wise in that year and during the last five years</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>11</td> <td>8</td> <td>8</td> <td>14</td> <td>14</td> </tr> </tbody> </table>					2022-23	2021-22	2020-21	2019-20	2018-19	11	8	8	14	14
2022-23	2021-22	2020-21	2019-20	2018-19										
11	8	8	14	14										
File Description	Document													
Reports from Controller of Exam (COE) office/ Annual reports mentioning the relevant details.	View Document													
List of programmes and dates of last semester-end/year-end examinations and the dates of declaration of results	View Document													
Institutional data in prescribed format	View Document													
Any additional information	View Document													
Link for additional information	View Document													
<p>2.5.2</p> <p>Average percentage of student complaints/grievances about evaluation against total number of students appeared in the examinations during the last five years</p> <p>Response: 0.95</p>														

2.5.2.1 Number of student complaints/grievances received about evaluation year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
119	101	34	77	243

2.5.2.2 Number of students who have appeared for the exams year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
13808	13535	11222	11713	11162

File Description	Document
Reports of Examination Sections	View Document
Minutes of the grievance cell / relevant body	View Document
List of complaints / grievances year-wise during the last 5 years	View Document
Institutional data in prescribed format	View Document
Certificate from Registrar / Controller of examination / Data on student grievances from the office of the Registrar (Evaluation)	View Document
Any additional information	View Document
Link for additional information	View Document

2.5.3

Evaluation-related Grievance Redressal mechanism followed by the Institution: ...

The University adopts the following mechanism for the redressal of evaluation-related grievances.

Options(Opt one which is applicable to you):

1.Double valuation/Multiple valuation with appeal process for retotalling/revaluation and access to answer script

2.Double Valuation/Multiple valuation with appeal process for revaluation only

3.Double Valuation/Multiple valuation with appeal process for retotalling only

4.Single valuation and appeal process for revaluation

5.Grievance Redressal mechanism does not exist

Response: A. Double valuation/Multiple valuation with appeal process for retotalling/revaluation and access to answer script

File Description	Document
Report of the Controller of Examination/ registrar evaluation regarding the Grievance Redressal mechanism followed by the Institution	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Provide links to the examination procedure and re-evaluation procedure developed by the institution and duly hosted in the institution’s website	View Document
Link for additional information	View Document

2.5.4

Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system.

Response:

Examinations procedures and assessments

The integration of IT into examination procedures and student assessments significantly influences the quality of education. The objective is to assess not only students' academic performance and grades but also to ensure the achievement of intended learning outcomes. Evaluation encompasses both formative and summative systems.

1. Examination procedure:

Reforms	Impact
Pre-Examination	
The external faculty is tasked with crafting the Question Paper (QP). For Medical courses, External professors from reputed institutions used	Enhanced confidentiality and standardization in the prepared question papers

to prepare a set of three QPs.	
The external faculty scrutinizes question papers for all courses. For medical courses, the chairperson moderates the QPs on the question paper board.	To uphold syllabus standards and scope, ensure clearly defined learning objectives for all courses, prepare question papers according to norms, and minimize errors and mistakes.
Examinations feature online registration and payment options, with hall tickets accessible and downloadable online.	Efficient management of pre-examination activities
During Examination	
The automated system assigns exam hall seats by correlating registered candidates with their respective courses, ensuring that students taking the same examination are not seated next to each other. For medical and allied health science courses, 4G jammers and CCTV cameras are utilized.	Continuous monitoring ensures that examinations are conducted fairly.
Post Examination	
Answer booklets undergo encoding and decoding processes.	Ensures confidentiality and completely impartial evaluation.
For medical courses, an on-screen assessment facility is provided, and double evaluation is conducted through the Central Assessment Programme (CAP).	To expedite result declaration, enhance result reliability, and improve accuracy and efficiency in the process, soft copies of answer scripts are readily transmitted to students seeking reevaluation.

1. Process of integrating IT

Following scrutiny, digital entry of internal marks, and the utilization of sensors to capture marks from OMR sheets, students can download their admit cards. The university website then publishes the results.

C. Continuous Internal Assessment(CIA)

Department Heads and Examination coordinators oversee the formative (internal) assessments conducted within their departments. Mentors closely monitor students' progress and also keep parents informed. The ratio of Internal to External is 40:60 and the CIA components include Tests, Assignments, Seminar/Quiz etc.

D. Competency Based Assessment: Clinical/practical skills training methods such as DOPS, OSVE, OSCE, and OSPE are employed to ensure students become competent and capable of independent practice.

E. Workplace-Based Assessment: Supervisors assess students on-site while they are stationed in various areas including OPD, wards, casualty, laboratories, OT, skill laboratories, blood banks, and dialysis units.

F. Self-Assessment: This includes written examinations with MCQs, True/False questions, essays, and

performance evaluations based on student logbooks and portfolios. In management institutes, presentations are utilized to enhance communication skills and bolster student confidence. VMCH students have access to MARROW which is the largest pan India test series with MCQ questions for NEET-PG.

G. OSCE / OSPE: OSCE and OSPE methodologies aid students in enhancing cognitive function and professional competency. Directly observed procedural skills (DOSP) are practiced in skill training sessions such as BLS, ACLS, NALS, PALS, NRP, internships, and induction programs.

File Description	Document
Any additional information	View Document
Link for details of examination reforms implemented during the last 5 years	View Document
Link for additional information	View Document

2.5.5

Status of automation of the Examination division, using Examination Management System (EMS) along with an approved online Examination Manual

- 1. Complete automation of entire division & implementation of the Examination Management System (EMS)**
- 2. Student registration, hall ticket issue & result processing**
- 3. Student registration and result processing**
- 4. Result processing**
- 5. Manual methodology**

Response: All of the above

File Description	Document
The present status of automation., Invoice of the software, & screenshots of software	View Document
Snap shot of the EMS used by the institution	View Document
Institutional data in prescribed format	View Document
Copies of the purchase order of the software/AMC of the software	View Document
Any additional information	View Document
Annual report of examination including present status of automation as approved by BOM / Syndicate / Governing Council	View Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1

The institution has stated learning outcomes /graduate attributes as per the provision of Regulatory bodies which are integrated into the assessment process and widely publicized through the website and other documents

Response:

Outcome Based Education

- VISTAS ensures that all academic programs are equipped with both generic and Program-Specific Outcomes, strategically designed to ensure the acquisition of essential graduate attributes aligned with the objectives of Outcome-Based Education(OBE). These overarching Program Outcomes(PO) and Program-Specific Outcomes(PSO) serve as a framework to ensure that students, upon completion of their respective programs, possess a well-defined set of attributes contributing to their overall academic and professional development.
- The AICTE guidelines for assessment of PO attainment are followed in general with minor variations across the different programs. Direct assessments via Continuous Internal Assessments, Assignments, Seminars, End Semester Examination etc., and indirect methods of assessment such as course exit survey, program exit survey, alumni feedback etc., are used to understand the attainment of CO,PO and PSO of students.

Learning Outcomes

- The Course Outcomes(COs) of each course serve as declarations that delineate the fundamental and enduring disciplinary knowledge and necessary skills for students, as well as the expected level of learning upon course completion. These CO, which contribute to PO, play a significant

role in formulating and revising the curriculum. This OBE approach aligns with the Mission and Vision of VISTAS.

- The CO for each course are identified to achieve the PO and PSO. All courses relevant to a particular program offered by VISTAS are aligned with PO and PSO.
- Feedback received from stakeholders through IQAC is utilized in defining the CO,PO and PSO, which are subsequently approved by the Board of Studies (BoS), Academic Council, and the Board of Management(BOM).

Assessment Process

- The relevance of the assessment process is deliberated upon during the meetings of the BoS and Academic Council, where expert members define the assessment methods for each course. This assessment process is integrated into the curriculum and syllabus, subsequently approved by the BOM.
- All departments systematically conduct continuous assessments to identify, collect, analyze, and evaluate data aimed at measuring the attainment of CO. The calculation of CO attainment involves the integration of data from theoretical courses, laboratory courses, and project courses. A standardized approach is employed, with 40% weightage allocated to Continuous Internal Assessment(CIA) and 60% weightage to End Semester Examinations for all courses.

PO, PSO and CO are made aware through the following procedures.

- The PO, PSO and CO are conveniently accessible on the Institute's website, providing transparent information for easy reference and are disseminated among various internal and external stakeholders through various modes and occasions such as the Institution Website, classrooms, departments, laboratories, etc.
- To enhance visibility and awareness, the Vision, Mission, PEOs, POs, and PSOs are prominently displayed in various locations throughout the campus, including corridors, classrooms, department offices, laboratories, and the department library.
- Feedback relevant to POs and PSOs is collected from parents, academic peers, industry experts, and alumni by IQAC. Discussions on CO and evaluation measures take place in class committee meetings.
- At the beginning of each unit and upon completion of every course, the methods for assessing course outcomes are thoroughly reviewed and discussed in class.

File Description	Document
Any additional information	View Document
Link for relevant documents pertaining to learning outcomes and graduate attributes	View Document
Link for methods of the assessment of learning outcomes and graduate attributes	View Document
Link for additional information	View Document

2.6.2

Incremental performance in Pass percentage of final year students during last five years

Response: 89.7

2.6.2.1 Number of final year students of all the programmes, who qualified in the university examinations in each of the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
3822	3667	4018	3639	2896

2.6.2.2 Number of final year students of all the programmes, who appeared for the examinations in each of the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
4133	4170	4276	3904	3306

File Description	Document
Trend analysis in graphic form (Refer annexure 02 of SOP)	View Document
List of Programmes and the number of students appeared and the number of students passed in the final year examination each year for the last five years	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Annual reports of examination results as placed before BOM/ Syndicate/ Governing Council for the last five years	View Document
Link for additional information	View Document

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.63

File Description	Document
Institutional data in prescribed format	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Promotion of Research and Facilities

3.1.1

The institution has a well defined Research promotion policy and the same is uploaded on the institutional website

Response:

VISTAS Research Promotion Policy

The top priority of VISTAS is to promote a "robust entrepreneurial mindset, resilient innovation ecosystem, and vibrant research culture."

The VISTAS Research Promotion Policy supports its academicians, research staff, and other stakeholders in achieving excellence in "Research, Innovation, and Entrepreneurship," thereby contributing to the institution's advancement and benefiting society at large.

1. Research Administration

The Board of Research Studies (BoRS) formulates research policies. The heads of departments facilitate and coordinate research activities. BoRS, headed by the vice chancellor, includes deans, heads of departments, senior professors, research scholars from other universities, and professionals from industries.

2. Resources to Support Research

Resources are generated, allocated, and earmarked for research under a separate budget head. Funds for research promotion cover:

- Seed money
- Article publication in journals
- Publications in conferences
- Books and book chapter publications
- Patents

3. Research Incentive Schemes

VISTAS motivates faculty to innovate, publish, and produce patentable works regularly. Incentives and awards include:

- Best Researcher Award for funded projects.

- Best Researcher Award for article and book publications.
- Incentives for publishing and awards for patents.
- Incentives for presenting papers at international conferences in reputed institutions.

4. Consultancy Projects

Suitable incentives are granted for consultancy projects from industry/research organizations. A separate consultancy policy regulates the process.

5. Membership in Professional Bodies

Faculty members are encouraged to join recognized professional bodies and academic societies, with financial support provided by the university.

6. Visit of Eminent Researchers

Visits by eminent scientists and professors create awareness about research thrust areas and advanced techniques, providing exposure to international standards.

7. Support for Student Research Projects

VISTAS has established internet-connected laboratories in different departments for Ph.D. scholars' use. Students are encouraged to utilize the web-based Information and Library Network Centre (INFLIBNET) for research projects. Field trips are organized for visits to higher learning institutions, industries, and national laboratories.

8. Efforts to Improve Research Infrastructure

VISTAS encourages faculty to secure funds from national and international agencies for infrastructure facilities.

8.1.1 Central Instrumentation Lab

VISTAS has established a Central Instrumentation Lab (CIL) equipped with highly sophisticated equipment such as;

- Confocal Raman Microscope Imaging/Spectrometer,
- Field Emission Scanning Electron Microscope with Energy Dispersive X-Ray Spectrometer,
- Atomic Force Microscope, BET Surface Area Analysis,
- Dynamic Light Scattering Simultaneous Thermogravimeter/Differential Scanning Calorimeter,
- Differential Scanning Calorimeter,
- UV-VIS Spectrophotometer,
- Powder X-Ray Diffractometer,
- Attenuated Total Reflectance Fourier Transform Infrared Spectrometer,
- Real Time Polymerase Chain Reaction,
- Electrochemical workstation, High Performance Thin Layer Chromatography,

- Contact Angle Meter.

9. Interdisciplinary Research Projects

VISTAS promotes interdisciplinary and collaborative research projects through MoUs with national and international institutions.

10. Information Resource Center

VISTAS provides an information resource center in the library, offering students and faculty access to resources.

Thrust Areas of Research of VISTAS

Energy & Environmental:

- Renewable Energy
- Design, Materials and Manufacturing
- Bio, Micro and Nano Systems

Healthcare:

- Drug discovery
- Stem cell research
- Neuropharmacology

Material Engineering:

- Industrial Robotics
 - Communication
 - Power Electronics

Big Data

- Artificial Intelligence
- Virtual Reality
- Data Analytics

Resource Management and Livelihood

- E – Commerce
- Taxation

- Rural sociology

File Description	Document
Minutes of the meetings of Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View Document
Document on Research promotion policy	View Document
Any additional information	View Document
Link for additional information	View Document

3.1.2

The institution provides seed money to its teachers for research (average per year)

Response: 69.13

3.1.2.1 The amount of seed money provided by institution to its faculty year-wise during the last five years(INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
85.06	81.40	65.0	61.70	52.50

File Description	Document
Minutes of meetings of the relevant bodies of the University	View Document
List of teachers receiving seed money and details of seed money received	View Document
Institutional data in prescribed format	View Document
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized (Refer annexure number -01)	View Document
Any additional information	View Document
Link for additional information	View Document

3.1.3

Average Percentage of teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research participation in Indian and Overseas Institutions during the last five years

Response: 28.38

3.1.3.1 Number of teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research and conference participation in Indian and Overseas Institutions year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
323	271	251	101	86

File Description	Document
List of teachers and their national/international fellowship details	View Document
Certified e-copies of the award / recognition letters of the teachers	View Document
any additional information	View Document
Link for additional information	View Document

3.1.4

Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years**Response:** 339

3.1.4.1 The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
107	77	80	45	30

File Description	Document
Registration and guide / mentor allocation by the institution	View Document
List of research fellows and their fellowship details	View Document
Institutional data in prescribed format	View Document
E copies of fellowship award letters	View Document
Any additional information	View Document
Link for additional information	View Document

3.1.5**University has the following facilities**

- 1. Central Research Laboratory / Central Research Facility**
- 2. Animal House/ Medicinal Plant Garden / Museum**
- 3. Media laboratory/Business Lab/e-resource Studios**
- 4. Research/Statistical Databases/Health Informatics**
- 5. Clinical Trial Centre**

Response: All of the above

File Description	Document
List of facilities available in the university and their year of establishment	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Videos and geo-tagged photographs	View Document
Link for additional information	View Document

3.1.6

Percentage of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, NACO, WHO, NIH etc. and other similar recognitions by national and international agencies, (excluding mandatory recognitions by Regulatory Councils for UG /PG programmes)

Response: 99.05

3.1.6.1 The Number of departments with recognition by ICMR-CAR, DST-FIST, DBT, MCI, DCI, PCI, AICTE, AYUSH, NACO, WHO, NIH etc. and other similar recognitions by national and international agencies

2022-23	2021-22	2020-21	2019-20	2018-19
48	44	41	38	37

3.1.6.2 Number of departments offering academic programmes year - wise during last five years.

2022-23	2021-22	2020-21	2019-20	2018-19
48	44	41	39	38

File Description	Document
Institutional data in prescribed format	View Document
e-version of departmental recognition award letters	View Document
Details of the departments offering academic programmes certified by the head of the Institution /University	View Document
Any additional information	View Document
Link for additional information	View Document

3.2 Resource Mobilization for Research

3.2.1

Total Grants for research projects / clinical trials sponsored by non-government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs etc., in the Institution during the last five years

Response: 550

3.2.1.1 Grants for research projects sponsored by non-government sources such as industry, corporate houses, international bodies, endowments, professional associations, endowment-Chairs in the institution year-wise during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
500	0	0	50	0

File Description	Document
Institutional data in prescribed format	View Document
e-copies of the grant award letters for research projects sponsored by non-government organizations	View Document
e-copies of grants awarded for clinical trials	View Document
Any other relevant information	View Document

3.2.2

Grants for research projects/clinical research project sponsored by the government funding agencies during the last five years

Response: 953

3.2.2.1 Grants for research projects/clinical trials sponsored by government sources year-wise during the last five years (INR in Lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
375	10	24	182	362

File Description	Document
Institutional data in prescribed format	View Document
E-copies of the grant award letters for research projects sponsored by government agencies	View Document
Any additional information	View Document
Link for additional information	View Document

3.2.3**Ratio of research projects/clinical trials per teacher funded by government/industries and non-government agencies during the last five years.****Response: 0.25**

3.2.3.1 Number of research projects/clinical trials funded by government/industries and non-government agencies year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
133	9	1	16	16

File Description	Document
Supporting document/s from Funding Agencies	View Document
Institutional data in prescribed format	View Document
Copy of the letter indicating the sanction of research project funded by govt./non-govt agency and industry including details of name of teacher and amount in INR	View Document
Any other relevant information	View Document
Link for the funding agency website	View Document

3.3 Innovation Ecosystem

3.3.1

Institution has created an ecosystem for innovations and entrepreneurship with an Incubation centre, entrepreneurship cell

Response:

VISTAS has built an innovation ecosystem and operates through:

I. Frameworks to Encourage Innovative Ideas from Faculty and Students

The Institute Innovation Council (IIC) is a substantial body comprising Certified Innovation Ambassadors, IIC Members, Faculty Mentors, Pre-Incubation Units, Incubation Units, and an IP Facilitation Unit.

Entrepreneurship Development and Innovation Council (EDIC)

VISTAS has established the Entrepreneurship Development and Innovation Council (EDIC) under the leadership of a willing and qualified senior professor. Its primary objective is to foster startups, entrepreneurship, and innovation within the institution.

II. Investment of Resources and Attention and Commitment from Management towards Innovation

The Incubation Centre at VISTAS is a 5000 sq. ft. air-conditioned facility with all required amenities. There's an exclusive student start-up lounge spanning 540 sq. ft. The management earmarks funds to create awareness towards innovation and entrepreneurship and supports the ideas of students and faculty through funding. As a result, many Intellectual Property Rights (IPRs) are published and granted every year.

The focus areas of the Incubation Centre at VISTAS are Automations, IoT, Artificial Intelligence, and Information and Communication Technology. Some products developed by VISTAS Incubation Center

are an AI-incorporated park cleaning robot, IoT-based Child safety system in vehicles, Book lifting rover, and Cost-effective emergency chargers. Currently, VISTAS Incubation Cell has incubated 18 companies and created 40 jobs. One of the products developed by a faculty startup is the 'ARCOMM ATM controller', used in more than 1200 ATMs across the country.

The Entrepreneurship Development Cell (EDC) is vibrant at VISTAS, with student and faculty members actively engaged in various activities to encourage and foster the spirit of Entrepreneurship. Some of the activities organized by EDC are:

- Entrepreneurship Readiness Program
- Entrepreneurship Boot Camp
- How to plan for startup - Legal and Ethical Steps
- Seminar on converting innovation to startup
- Workshop on Digital Marketing
- Workshop for Self Help Group and University Bazaar
- Seminar on Classroom to Boardroom - The Hackathon Route to Entrepreneurial Success
- AVISHKAR – Exhibition of student project ideas

VFUND – SEED FUNDING FOR WOMEN ENTREPRENEURS

- V Fund is a groundbreaking initiative supporting women entrepreneurs by providing seed funding.
- V Fund is a startup pitch event where women entrepreneurs pitch their business proposals to jury members.
- The jury members select worthy proposals based on the novelty of the idea, trajectory, prospects, and scalability.
- The initiative was launched in 2021, and 4 cohorts of women entrepreneurs have been funded.
- V Fund has been provided to 12 women entrepreneurs from 2021 to 2024, and VISTAS has contributed INR 20 lakhs to women entrepreneurs.
- Women Entrepreneurs from different domains such as the Development of AI-assisted BOT for diagnosis in optometry, Pregnant and child care, Personal care products, Oncology medicine, art courses, Footwear for Ortho care, Organic healthcare products, Wooden toys, and gift manufacturing, have been provided with seed fund.
- The selected women entrepreneurs have used the VFUND to scale up their businesses. VISTAS has assigned mentors for each of the 12 women entrepreneurs. With mentorship, women entrepreneurs are primed for business growth.

File Description	Document
Any additional information	View Document
Link for additional information	View Document
Geo-tag the facilities and innovations made	View Document

3.3.2

Workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good clinical Practice, Laboratory, Pharmacy and Collection practices, Research Grant writing and Industry-Academia Collaborations during the last five years

Response:

VISTAS actively promotes Intellectual Property Rights (IPR) among the faculty, research scholars, and students by organizing various activities. These activities aim to create awareness of the various ingredients of IPR and research, motivating the faculty, research scholars, and students to passionately take up research. Workshops and seminars are conducted on:

- Intellectual Property Rights (IPR)
- Research methodology
- Good clinical practice
- Laboratory safety protocols
- Pharmacy and collection practices
- Research grant writing
- Industry-academia collaborations

Intellectual Property Rights

The vision of VISTAS - IPR is to be the source of new ideas and innovations in technology and science. The mission is to create an ambiance where new ideas and research flourish, fostering tomorrow's leaders and innovators. VISTAS - IPR has initiated the promotion of innovations among faculty, research scholars, and students. Subsequently, VISTAS – IPR has undertaken the protection of inventions and other creative works of its students, faculty, and research scholars, as IP has steadily grown in the institution. The IPR cell of VISTAS, established in association with TNSCST, serves as a platform for distributing IPR knowledge among VISTAS faculty members, research scholars, and students. Furthermore, AVISHKAR, an Intra-University technical expo, is organized for students to display their creative ideas as products, prototypes, or models.

Research Methodology

Workshops in research methodology are conducted for postgraduate students and research scholars in medicine, dental, engineering, and nursing fields. Over 95 research methodology programs were conducted, covering various aspects of research methodology. These programs help students understand the nuances of conducting research in their respective fields.

Good Clinical Practice

The institution has conducted workshops on good clinical laboratory practice. More than 35 programs were conducted, focusing on demonstrating procedures for the proper use of Personal Protection

Equipment, sample registration, and data management.

Laboratory

Many workshops have been conducted on Laboratory Safety Protocols, Equipment Maintenance, Documentation and Record Keeping, Quality Control and Assurance, Standard Operating Procedures (SOPs), Waste Management, and Data Management and Analysis by the institution.

Pharmacy and Collection Practices

The institution has organized various workshops on Inventory Management, Medication Safety and Quality Control, Prescription Handling, Payment Collection, and Revenue Cycle Management, Regulatory Compliance, Technology Integration, and Patient Engagement and Support.

Research Grant Writing

Many programs on research grant writing were conducted. Workshops on research grant drafting provide a platform for faculty members as well as undergraduate and postgraduate students to understand the importance of grant writing for successful research.

Industry-Academia Collaborations

Workshops and seminars on industry-academia collaborations have been regularly conducted by the institution, with a major focus on collaborating with industry partners to propose solutions for predominant challenges faced by the industry. The institution, in association with industries, pursues common goals of research, innovation, and entrepreneurship. These collaborations also provide an opportunity for students to experience experiential learning through collaborative programs, internships, student projects, and research projects, enhancing the overall learning atmosphere and increasing employability for the students.

File Description	Document
Any additional information	View Document
Link of the reports of the events	View Document
Link for list of workshops/seminars on the above during the last 5 years	View Document
Link for additional information	View Document

3.3.3

Total number of awards / recognitions received for innovation / discoveries by the institution/teachers/research scholars/students during the last five years

Response: 585

3.3.3.1 Number of awards/recognitions received by the Institution/teachers/research scholars/students year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
300	102	87	56	40

File Description	Document
List of teachers who have received awards and recognition for innovation and discoveries	View Document
List of teachers and details of the national/international fellowships awarded	View Document
Institutional data in prescribed format	View Document
E-Copies of award letters (scanned or soft copy) for innovations with details of the awardee the and awarding agency	View Document
Any additional information	View Document
Link for additional information	View Document

3.3.4

Number of start-ups incubated on campus during the last five years

Response: 22

3.3.4.1 Total number of start-ups incubated on campus year-wise during the last five years (a startup to be counted only once)

2022-23	2021-22	2020-21	2019-20	2018-19
15	1	2	2	2

File Description	Document
Registration letter	View Document
Institutional data in prescribed format	View Document
Contact details of the promoters	View Document
Certified e- sanction order for the start-ups on campus	View Document
Any additional information	View Document
Link for additional information	View Document

3.4 Research Publications and Awards

3.4.1

The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following:

- 1. Research methodology with course on research ethics**
- 2. Ethics committee**
- 3. Plagiarism check**
- 4. Committe on Publication guidelines**

Response: All of the above

File Description	Document
Minutes of meetings of the relevant committees with reference to the code of ethics	View Document
Institutional data in prescribed format	View Document
Institutional code of Ethics document	View Document
Institutional code of ethics document	View Document
Details of committee on publication guidelines	View Document
Course content of research ethics and details of members of ethical committee	View Document
Copy of software procurement for plagiarism check	View Document
Any additional information	View Document
Link for additional information	View Document

3.4.2

The Institution provides incentives for teachers who receive state, national or international recognitions/awards..

Option

- 1. Career Advancement**
- 2. Salary increment**
- 3. Recognition by Institutional website notification**
- 4. Commendation certificate with cash award**

Response: C. Any 2 of the above

File Description	Document
Snapshots of recognition of notification in the HEI's website	View Document
Policy on salary increment for the awardees	View Document
Policy on Career advancement for the awardees	View Document
List of the awardees and list of awarding agencies and year with contact details for the last 5 years	View Document
Institutional data in prescribed format	View Document
Copy of commendation certificate and receipt of cash award	View Document
Any additional information	View Document
Link for additional information	View Document
Incentive details (link to the appropriate details on the Institutional website)	View Document

3.4.3

Total number of Patents/ Copyrights published/awarded/technology-transferred during the last five years..

Response: 0

3.4.3.1 Number of Patents/ Copyrights published/awarded/ technology-transferred year-wise during the last five years..

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Technology transfer document	View Document
List of patents/Copyrights and the year they were published/awarded	View Document
Institutional data in prescribed format	View Document
Certified E- copies of the letters of award/ publications (consolidated statements by the head of the institution)	View Document
Any additional information	View Document
Link for additional information	View Document

3.4.4

Average number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines received per recognized PG teacher of the Institution during the last five years.

Response: 2.24

3.4.4.1 Number of Ph.D.s /DM/M Ch/PG degree in the respective disciplines awarded per recognized PG teacher of the Institution year-wise during the last five years.

2022-23	2021-22	2020-21	2019-20	2018-19
225	127	96	80	106

3.4.4.2 Number of PG teachers recognized as guides by the Regulatory Bodies / Universities during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
46	49	21	54	113

File Description	Document
Recognition letters by the University as eligible teachers to guide Ph D / DM / M Ch students	View Document
List of PhD / DM / M Ch candidates with details like name of the guide, title of the thesis, year of award, award letter etc	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for research page in the institutional website	View Document
Link for additional information	View Document

3.4.5

Average Number of research papers per teacher in the approved list of Journals in Scopus / Web of Science/ PubMed during the last five calendar years

Response: 6.08

File Description	Document
Names of the indexing databases	View Document
Institutional Data in prescribed format	View Document
Any other relevant information	View Document

3.4.6

Average Number of research papers per teacher in the approved list of Journals notified in UGC-CARE list during the last five calendar years

Response: 0

File Description	Document
Names of the indexing databases	View Document
Institutional data in prescribed format	View Document

3.4.7

Total Number of books/ chapters in edited volumes and papers in National/International conference-proceedings published per teacher and indexed in Scopus/Web of Science/ PubMed UGC-CARE list during the last five calendar years

Response: 0.35

File Description	Document
List of names of publishers : National/ International	View Document
Institutional data in prescribed format	View Document
Any other relevant information	View Document

3.4.8

Bibliometrics of the publications during the last five calendar years based on average Citation Index in Scopus/ Web of Science

Response: 4.68

File Description	Document
List of the publications during the last five years	View Document
Institutional data in prescribed format	View Document
Any other relevant information	View Document

3.4.9

Provide Scopus/ Web of Science – h-index of the Institution for the last 5 calendar years.

Response: 39.5

File Description	Document
Institutional data in prescribed format	View Document
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View Document
Any other relevant information	View Document

3.5 Consultancy**3.5.1**

Institution has a policy on IPR and consultancy including revenue sharing between the Institution and the individual, besides a training cum capacity building programme for teachers, students and staff for undertaking consultancy

Response:

VISTAS has a vision to provide a research-driven environment and facilities to students and faculty members. VISTAS recognizes the value of its staff undertaking consultancy for outside bodies. This work is an essential channel through which knowledge and expertise can flow to and from businesses and other external agencies, contributing to the development of growing and productive relationships with these bodies. The general characteristics of consultancy activities are as follows:

- Consultancy is work of a professional nature, undertaken by faculty members in their field of expertise for clients outside the institution, for which some financial return is provided.
- Consultancy will produce some form of contracted output which the client may partly or wholly own.
- It tends to be governed by short-term contracts, makes minimal use of College resources, and involves extra work for existing faculty members rather than the employment of new staff.

Procedure for Consultancy Work:

- A proposal is prepared and submitted by the Principal Investigator (PI) to address critical issues and adopt new methodologies for industries and institutions.
- All consultancy proposals must be sent undersigned by the Principal Investigator (PI) to the Registrar for endorsement.
- These projects are headed by a Principal Investigator (PI) and may have Co-Principal Investigators (Co-PIs), and the deliverables are the responsibility of the PIs.
- The Institute provides the necessary support to the PIs.
- The Principal Investigator (PI) will handle the project account. The budget for the project should include expenses for equipment, supporting manpower, travel, contingency, etc.
- All payments for consultancy work must come in the name of the Registrar, VISTAS.
- The statement of expenditure and utilization certificate will be prepared at the end of every financial year by the Principal Investigator and should be approved by the Finance Officer.
- The final report should be submitted to the funding agency and the office of the Registrar.
- Outstation travel on consultancy assignments may be undertaken typically with the prior approval of the Dean/Director/Head of the Department and the Registrar.
- Consultancy assignments may be taken up and implemented within the constraints indicated above. It is mandatory that they do not have any adverse impact on the ongoing academic, research, and related activities.

Eligibility for Undertaking Consultancy:

Consultancy assignments can be taken up by faculty members of departments, Research Scientists of Schools/Departments/Centers, and all other employees of VISTAS. All employees of VISTAS undertaking consultancy shall hereinafter be referred to as Principal Investigator (PI).

The consultancy fee shall be distributed as given below:

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Categories	Type	Principal Consultant and team members	Concerned Department	VISTAS
Category 1	Individual Consultancy	80%	10%	10%
Category 2	Institutional /	60%	20%	20%
Category 3	Departmental Consultancy	60%	20%	20%
Category 4	Testing and Evaluation / Calibration and Standardization Services Analysis and Characterization of Samples	30%	40%	30%

Conflict of Interest:

Faculty undertaking consultancy activity must ensure that:

- The consultancy work does not interfere with the faculty member’s regular work schedule in the university.
- The work is marginal rather than core to the research program of the faculty.

File Description	Document
Any additional information	View Document
List of the training / capacity building programmes conducted during the last 5 years.	View Document
Link for additional information	View Document
Link to the soft copy of the IPR and Consultancy Policy	View Document
Link of the Minutes of the Governing Council/ Syndicate/Board of Management related to IPR and consultancy policy	View Document

3.5.2

Revenue generated from advisory / R&D /consultancy projects (exclude patients consultancy) including Clinical trials during the last five years

Response: 245

3.5.2.1 Amount generated from consultancy year-wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
56	65	49	30	45

File Description	Document
List of consultants and details of revenue generated by them	View Document
Institutional data in prescribed format	View Document
CA certified copy/Finance Officer Certified copy attested by head of the institute (Refer annexure number -01)	View Document
Audited statements of accounts indicating the revenue generated through consultancy / clinical trials	View Document
Any additional information	View Document
Link for additional information	View Document

3.6 Extension Activities

3.6.1

Extension and outreach activities such as community Health Education, Community health camps, Tele-conferences, Tele-Medicine consultancy etc., are conducted in collaboration with industry, community, Government and non- Government Organizations engaging NSS/NCC/Red cross/YRC, institutional clubs etc., during the last five years

Response: 505

3.6.1.1 Number of extension and outreach activities conducted in collaboration with industry, community Government and Non-Government Organisations engaging NSS/NCC/Red cross/YRC, institutional clubs etc., year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
183	183	20	67	52

File Description	Document
Reports of the events organized	View Document
Photographs or any supporting document in relevance	View Document
Institutional data in prescribed format	View Document
Geo-tagged photographs of events / activities	View Document
Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated	View Document
Description of participation by NSS/NCC/Red cross/YRC, Institutional clubs etc., year-wise for the last 5 years	View Document
Any additional information	View Document
Link for additional information	View Document

3.6.2

Average percentage of students participating in extension and outreach activities beyond the curricular requirement as stated at 3.6.1

Response: 81.4

3.6.2.1 Number of students participating in extension and outreach activities beyond the curricular requirement as stated at 3.6.1, year-wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
12956	12170	8257	8925	8830

File Description	Document
Reports of the events organized	View Document
Geo tagged Photos of events and activities	View Document
Any additional information	View Document
Link for additional information	View Document

3.6.3

Number of awards and recognition received for extension and outreach activities from Government / other recognised bodies during the last five years

Response:

Unnat Bharat Abhiyan 2.0 Award

VISTAS received an award for contributing to this initiative. Winning an award for participation in Unnat Bharat Abhiyan 2.0 brings recognition and validates the efforts of VISTAS.

Swachhta Bharat Award

The Mahatma Gandhi National Council of Rural Education has awarded a certificate of appreciation to VISTAS for their proactive efforts in Swachhta Bharat activities and for maintaining green initiatives on campus.

Award from Tamil Nadu Dr. M.G.R. Medical University

The Tamil Nadu Dr. M.G.R. Medical University has recognized the dedication of VISTAS NSS volunteers for their contribution to the blood donation drive.

Award from Tamil Nadu State Wetland Authority

The Tamil Nadu State Wetland Authority has presented VISTAS with a token of appreciation for their endeavors in cleaning the lakes. The recognition reflects the positive impact of the institution's lake cleaning efforts on the environment. It serves as a reminder of the tangible results achieved, such as improved water quality, habitat restoration, and biodiversity conservation.

Award from Pallavaram Taluk Office

Receiving an award for voter awareness rally from Pallavaram Taluk Office validates the efforts of VISTAS in promoting civic engagement and democratic participation. It serves as recognition for their commitment to fostering informed and active citizenship.

Award from Tamil Nadu Apex Body

The Tamil Nadu Apex Body awarded VISTAS with a letter of appreciation for organizing the drug abuse prevention program.

Award from Tamil Nadu State AIDS Control Society

The Tamil Nadu State AIDS Control Society has expressed their gratitude to VISTAS volunteers for their altruistic blood donations, providing vital support to individuals battling AIDS.

Award from Tamil Nadu Police

The Tamil Nadu Police have officially recorded their appreciation for the diligent and dedicated efforts of VISTAS during the execution of basic police institutional training.

Award from Tamil Nadu State NSS Cell

VISTAS has been honored with awards and recognitions from the Tamil Nadu State NSS Cell for their dedicated efforts in serving society.

Awards from International Association of Lions Club

VISTAS has been honored by the International Association of Lions Club for its efforts in creating a sustainable green campus.

Award presented by CANDles Foundation

The CANDles Foundation has bestowed a certificate of appreciation to VISTAS for fostering a green environment on the campus.

Award from Lions Club

Winning recognition from the Lions Club serves as a source of inspiration and motivation for the members, volunteers, and staff of VISTAS.

Award from Ooruni Foundation

The Ooruni Foundation has awarded VISTAS volunteers with a token of appreciation for brightening the lives of special needs children.

Award from Madras Blood Bank and Research Foundation

VISTAS volunteers have been appreciated by the Madras Blood Bank and Research Foundation for their involvement in the blood donation camp.

Award presented by Dr. U.V. Swaminatha Iyer Library

The Dr. U.V. Swaminatha Iyer Library has honored VISTAS with an appreciation certificate for their efforts in maintaining cleanliness within the campus library. Rotary Central TTK-VHS Blood Bank has conveyed their appreciation for the selfless service of VISTAS volunteers.

File Description	Document
Any additional information	View Document
Link for number of awards for extension activities in the last 5 years- e-copy of the award letters	View Document
Link for list of Government/other recognized bodies that have given the awards	View Document
Link for additional information	View Document

3.6.4

Institutional social responsibility activities in the neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio economic development issues carried out by the students and staff, including the amount of expenditure incurred during the last five years

Response:

Vels Institute of Science, Technology and Advanced Studies plays a crucial role in sensitizing students to social issues and fostering their holistic development through extension activities. The activities of NSS, Rotaract Club, and Youth Red Cross extend beyond the confines of traditional academic curriculum and encompass a wide range of experiences such as community service, volunteering, clubs, and extracurricular programs. Through engagement in these activities, students gain practical skills and knowledge and develop a deeper understanding of societal issues and empathy towards others. To instill a sense of social responsibility and foster a culture of social service among students, NSS is credited within the curriculum.

Awareness Programmes through Clubs

The NSS organized residential activities and camps in neighboring villages, focusing on addressing social issues such as health and hygiene, and tree plantation initiatives. As part of the Swachh Bharat Abhiyan, cleanliness drives were organized beyond the campus, encompassing areas like railway stations, temples, government school premises, and adopted villages. Clubs conducted rallies and special talks in collaboration with various panchayats in nearby villages to raise awareness about plastic usage, promote blood donation, and advocate for health and mental well-being.

Environmental Concerns

NSS and Youth Red Cross have organized tree plantation drives, afforestation practices, and green initiatives to combat deforestation, enhance green cover, and promote environmental conservation. These clubs of VISTAS also created awareness campaigns and rallies on pollution prevention, waste reduction, and pollution control.

Blood Donation

VISTAS frequently organizes blood donation campaigns in collaboration with Dr. M.G.R. Medical University, various hospitals, and the Lions Club of Chennai to support blood banks. Students enthusiastically volunteered to donate blood, contributing to efforts to save the lives of AIDS patients and others in need of transfusions.

COVID-19 Measures

In collaboration with the Primary Health Center in Chennai, awareness programs on Covid-19, vaccination camps, and screening campaigns were organized to educate the community and promote public health. Additionally, groceries and vegetables were distributed by NSS volunteers to support those in need, demonstrating a commitment to both health awareness and community welfare.

Healthcare Campaigns

Free medical campaigns were organized camps were organized by Vels Medical College and Hospital, including ophthalmology camps, dental camps, blindness awareness camps, and multi-specialty campaigns. Kabasura Kudineer was distributed by NSS volunteers to the public during the COVID-19 pandemic to enhance immune response. This initiative was welcomed by the public.

Socio-Economic Development

Students visited orphanages to extend support and care to those in need. During COVID-19, VISTAS provided free education to the children of frontline warriors in need.

Extension Activities

Extension activities conducted by VISTAS play a vital role in sensitizing students to social issues and promoting their holistic development. By engaging in service-oriented projects, extracurricular pursuits, and leadership roles, students gain valuable skills, insights, and experiences that prepare them to become responsible, empathetic, and well-rounded individuals. By fostering a culture of service, compassion, and civic engagement, VISTAS empowers students to make meaningful contributions to society and become agents of positive change in the world.

Expenditure towards Extension Activities

Students are encouraged to participate in extension activities, and VISTAS budgets amounts towards extension activities every year. VISTAS bears all the expenses.

File Description	Document
Any additional information	View Document
Links for Geo-tagged photographs of Institutional social responsibility activities (Refer annexure number -01 as per SOP)	View Document
Link for additional information	View Document

3.7 Collaboration

3.7.1

Average number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc per year

Response: 95.6

3.7.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
155	125	73	62	63

File Description	Document
Institutional data in prescribed format	View Document
Certified Copies of collaboration documents	View Document
Any additional information	View Document
Link with collaborating Institutional website	View Document
Link for additional information	View Document

3.7.2

Presence of functional MoUs/linkages with Institutions/ industries in India and abroad for academic, clinical training / internship, on-the-job training, project work, student / faculty exchange, collaborative research programmes etc., during the last five years.

Response: 225

3.7.2.1 Number of functional MoUs / linkages for faculty exchange, student exchange, academics, clinical training, internship, on-the-job training, project work, collaborative research programmes etc., during the last five years.

Response: 225

File Description	Document
Institutional data in prescribed format	View Document
E-copies of the functional MoUs with Indicating the start date and completion date	View Document
e-copies of linkage-related Documents	View Document
Any additional information	View Document
Link for additional information	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The institution has adequate physical facilities for teaching – learning, skills acquisition etc

Response:

Vels Institute of Science, Technology and Advanced Studies is spread across 80 acres covering a total built up area of 29 lakh square feet in its three campuses. The institution is fully equipped with adequate and advanced academic infrastructure as stipulated by various regulatory bodies such as MCI, INC, PCI, UGC, AICTE, BCI, DGS, NCTE etc, for imparting quality education to students.

ICT Enabled Classrooms, Seminar Halls: The teaching-learning environment at VISTAS provides a perfect setting for students to hone their skills, and for teachers to utilise the available resources to inculcate quality education. The University has 352 spacious, well-ventilated classrooms and seminar halls, all of which are enabled with LAN and LCD facilities. Lecture Capturing System facilities have been enabled in the classrooms which are linked to VISTAS Learning Management System (LMS) Platform.

Clinical Learning: The University has various facilities with respect to clinical learning such as CT machine, Ultrasound P9, Vitek Compact 2, 6 Partcell counter, Tissue Processor, Endoscopy System, Anesthesia Workstation, Opthal operating Microscope, RNA extraction unit, ENT operating Microscope, Laproscopy system, Diathermy, Hamilton ventilators, etc. The Anatomy Museum, Pathology and Forensic Museum, Pharmacology, Community Medicine and Microbiology Museum displays wide array of specimens, models and medicines. VISTAS has well established 700 bedded Medical College and Hospital with 7 Minor operation theatres, 9 Major operation theatres equipped with high quality equipment, 11 outpatients' clinics, 21 wards with adequate facilities, nurse station and attenders rooms.

Learning in the Community: VISTAS has established a Rural Health Training Centre (RHTC) at Thervoy in Vadamadurai, Thiruvallur district and an Urban Health Training Centre (UHTC) at Arani, Thiruvallur district. The Rural Health Training Center has facilities like OPD rooms, demo rooms, procedure rooms, daycare facilities, and even a residence for internship doctors, thereby focusing on essential areas like vaccination, antenatal care, and managing both communicable and non-communicable diseases in the community.

The university partners with a few of the best hospitals like Ponneri general hospital and Cheshire Homes towards empowering persons with multiple disabilities. To ensure that students learn through community service, health camps are conducted regularly at village levels and in educational institutions with the support of the Preventive and Social Medicine department. With the available facilities at both the centres, students are posted for community-based rehabilitation services during their rotatory internships. These postings enable social development such as early screening, disability survey & disability identification and cost-effective treatment which develops essential skills in students like critical thinking, and problem-solving.

Therapy Centre: VISTAS has an exclusive Exercise Therapy Lab, Electrotherapy Lab, Post Graduate

specific enhancement labs such as Orthopaedic Lab, Neuro rehabilitation Lab, Sports Lab, Paediatric Rehabilitation lab and Cardio-Pulmonary Lab. All these labs are well equipped with advanced tools and technology to provide students with real-time experiences before they engage with patients.

Laboratories: There are 207 laboratories which are equipped with necessary instruments, computing facilities, and internet access as per the guidelines of appropriate regulatory bodies. These laboratories help students to acquire necessary skills. The university has established a Community Medicine Research Lab which enhances the knowledge about causes of various diseases both in individuals and in groups, in the community. The lab further focuses on mass awareness in prevention of diseases and promotion of health. The Central Instrumentation Laboratory (CIL) helps the scientific community for their advanced research exclusively for testing, synthesizing and characterization of material samples. Other laboratories include Nursing Foundation Lab, Adult Health Nursing including Advanced Practice Lab, Child Health Nursing Lab, Maternity Nursing Lab, Nursing Computer Assisted Lab, Preclinical Science lab, Nutrition lab, Dissection Halls, Language laboratories, Computer Aided Simulation Lab, Computer Assisted Learning Laboratories (CAL) etc.

The IBM Cloud Computing Lab established at VISTAS in collaboration with IBM systems enables students to develop their skills with regard to developing cloud and mobile based applications and IBM software tools. The Ship-in-campus contains parts of the ship and its machinery which enables students to practice the various aspects relating to piloting a ship. The Full Mission Bridge Simulator helps students to hone their skills relating to handling various machines on a ship. The Flight Simulator simulates a real airplane and students get to operate a virtual plane. The Moot Court Hall and the Legal Aid clinic provide students with first-hand experience relating to trial and client interviewing & counselling techniques.

Skill Labs: VISTAS has established skills lab for pre-clinical programmes to offer the possibility of clinical training in a safe and self-learning environment prior to real life application at bedside or in the operating room. There are five Simulation labs relating to Orthopaedics, Cardiology, Gynaecology specializing in Obstetrics, Paediatrics and General Procedures. All these labs are equipped with models and mannequins on which students practice various medical procedures. Additionally, there are 16 demonstration rooms in the Medical College.

Research Facility: To strengthen the research environment in VISTAS, various Centres of Excellence have been established. These include Central Instrumentation Laboratory (CIL), Centre for Advanced Research and Development (CARD), Centre for Energy and Alternative Fuels, Centre for Materials Research, Centre for Automation and Power Conservation, Centre for Artificial Intelligence, Centre for Pharmaceutical Research & Drug Testing, Centre for Cloud Computing with IBM, Centre for Business Analytics with IBM, Centre for Constitutional Law and Centre for Intellectual Property Rights. There is an Incubation Center at VISTAS which helps budding entrepreneurs to develop their ideas in order to create their dream start-up initiatives.

VISTAS has adequate equipment to student ratio and the computer to student ratio is maintained as per Statutory Bodies norms. An overall student computer ratio of 1:5 in laboratories ensures that students learn the adequate skills. Faculty members and students have the option to take laptops on loan from the respective departments too.

File Description	Document
Any additional information	View Document
Links for teaching- learning and skills acquisition facilities in the Institution	View Document
Link for additional information	View Document
Links for Geotagged photographs of the facilities	View Document

Other Upload Files	
1	View Document

4.1.2

The institution has adequate facilities to support physical and recreational requirements of students and staff – sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre, etc. and for cultural activities

Response:

VISTAS believes in nurturing co-curricular and extra-curricular talents of the students, with an aim to provide an environment that allows integrated development of body and mind. To facilitate sports and games, the University has established various physical and recreational facilities in our campus.

To encourage sporting talents and to promote sports among the students, the institution adds new facilities and upgrades the existing facilities every year. Sports and Games activities in VISTAS are monitored by the Directorate of Sports supported by faculty members and coaches.

Sports & Games:

Outdoor Games Facilities: There are three courts available for volleyball, throwball, kabbadi, two for basketball and one for shuttlecock. There are three fields each available for football and cricket, three net practice cricket pitches are available, three 100 metre & 200 metre and one 400 metre athletic running tracks are available for athletics.

Indoor Games Facilities: VISTAS has separate facilities for indoor games such as Badminton, Table Tennis, Carrom, Chess, etc.

Gymnasium: The University has separate gymnasium for ladies and men, each measuring 4000 sq.ft, and equipped with latest equipment, spacious area for floor exercises, warm up & aerobics, safety lockers and rest rooms. VISTAS attaches a high level of importance to overall well-being of the health of the students and faculty.

Auditorium: The auditoriums in VISTAS are air-conditioned, equipped with modern amenities and designed with soundproofing technology to ensure a distraction-free environment for hosting various academic and cultural events.

The auditorium at Vels Medical College and Hospital can accommodate up to 1000 attendees, providing a conducive space for various activities for music, dance, arts, literary and youth empowerment clubs. Additionally, there are practice rooms which can accommodate up to 60 students' which students utilise for practicing and rehearsing for various events.

There is an open-air auditorium at the Medical College which can accommodate around 6000 attendees and is used to organize various cultural programmes most importantly Symphony which is the annual cultural extravaganza of the college. The Velan Arangam open auditorium accommodates nearly 4000 attendees which is used to host various cultural programmes especially Nakshatra, festivals of national importance. Dr. MGR Open air theatre has the facility to accommodate 3000 people. Moksha, the annual cultural festival is organized in this open-air theatre. **The Shivalaya indoor auditorium** can accommodate up to 1000 members and is used to host various commemorative days of national and international importance and other events. The **VIBA mini auditorium** has a capacity to accommodate 300 attendees at a time.

Yoga: Yoga is given prime importance in VISTAS. Yoga sessions are held quite often in the university. Further, there is a separate academic Department of Yoga Studies in VISTAS which is responsible for conducting yoga events for all students and faculty members.

Our students have won accolades and laurels at numerous international, national and regional level sports and cultural competitions which bears testament to the importance that VISTAS attaches towards developing extra-curricular talents of our students supported by the excellent infrastructure that we have.

File Description	Document
Any additional information	View Document
Links for Available sports and cultural facilities : geotagging	View Document
Link for additional information	View Document

4.1.3

Availability and adequacy of general campus facilities and overall ambience

Response:

VISTAS is one of the leading higher education institutions offering a number of multi-disciplinary programmes in this part of the country. It is spread across a built-up area of 29 lakh sq.ft with a green and beautifully landscaped campus with alluring ambience. VISTAS has well-ventilated corridors, well laid concrete and tar roads, proper signage, well planned playgrounds and numerous other facilities in its campus that provide an academic atmosphere for students, faculty and visitors alike. The institution has made every attempt to ensure all the faculty and students stay in a peaceful environment to acquire skills and develop their personality.

Hostel facilities: VISTAS has sufficient, well-furnished, spacious and ventilated hostel rooms with

spacious and hygienic dining areas that cater to the requirements of students.

Hostel	Number of Rooms	Capacity
Boys	648	2149
Girls	329	812
Total	977	2961

Faculty / Staff Quarters facilities: VISTAS provides well-furnished, spacious and ventilated quarters for its staff members.

Quarters	Accommodation Capacity
2 BHK Staff Quarters	118
3 BHK Staff Quarters	12
Male Resident Quarters	28
Female Resident Quarters	36
Nurses Quarters	93
Dean Villa	1
Medical Superintendent Villa	1
Guest House	20

Medical Facilities

Campus	Facility	
Medical College & Hospital	700 Bedded	<ul style="list-style-type: none"> • Faculty including dependents of faculty and Students get free/concessional treatment. • 24x7 functioning • Ambulance services
Shri. Isari Velan Mission Hospital	100 Bedded	
First Aid Clinic		

Transportation: VISTAS has 28 buses and 11 vans which are used to connect various parts of the city. The students are also permitted to come by their two-wheelers and four-wheelers. The premises has a huge parking space for the Teaching and Non-Teaching staff, students and other visitors.

Topography: VISTAS has a green campus with well laid roads and proper signage and neat landscape. The institution has facilities for rain water harvesting and storm water drainage. The campus provides plastic and smoke free environment

VISTAS provides the following facilities:

Medical

- There is a First-aid clinic with a doctor and nurses. The Jan Aushadi Pharmacy and the central

Pharmacy inside the campus provide essential medicines to staff and students. Facility for 24 hours ambulance service is available on the campus.

Electricity

- VISTAS is powered with a sufficient number of generators to overcome electricity failure. These include 6 units of generators with capacities of 250 kVA each and 2 units of generators with capacities of 400 kVA each.
- Apart from diesel generators, the campus is powered with sufficient solar power facilities.

Facilities for Divyangjan

- Separate Toilets, Ramps and Wheelchair facilities for Divyangjans.
- Elevator facility.
- E- vehicle.

Water

- RO Plant with water cooler facilities.

Waste Treatment

- Sewage Treatment plant.

Safety & Security

- The campus has 494 CCTV surveillance cameras.
- 24 hours security personnel.

General

- Bank and ATM services.
- Hygienic Cafeterias.
- Post Box facility.
- Temple.
- Student counselling centre.
- Spa.

File Description	Document
Any additional information	View Document
Link for Photographs/ Geo-tagging of Campus facilities	View Document
Link for additional information	View Document

4.1.4

Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

Response: 32.29

4.1.4.1 Expenditure incurred, excluding salary, for infrastructure development and augmentation year-wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
5638.56	6738.70	5372.09	1738.48	567.8

File Description	Document
Institutional data in prescribed format	View Document
Details of budget allocation excluding salary during the last five years	View Document
Audited report / utilization statements (highlight relevant items) (Refer annexure number -01)	View Document
Any additional information	View Document
Link for additional information	View Document

4.2 Clinical, Equipment and Laboratory Learning Resources

4.2.1

Teaching Hospital/s, Equipments, Laboratory and clinical teaching-learning facilities including equipment as per the norms of the respective Regulatory Bodies

Response:

Vels Institute of Science, Technology and Advanced Studies has infrastructure over and above that is prescribed by various regulatory bodies such as NMC, INC, PCI, AICTE, BCI, DGS and the UGC. The continuous approvals received from these regulatory bodies are a testament to the availability of adequate facilities in VISTAS.

Learning Resources at Medical College Hospital: VISTAS accords higher levels of importance towards clinical teaching-learning facilities in its campus. The Medical college hospital is equipped with 700 beds which includes 90 beds in intensive care unit and 10 beds in paediatric intensive care unit. There are 16 demonstration rooms, 5 simulation labs and skill laboratories which enable students to learn

practically. Entire spectrum of non-invasive imaging for interventional diagnostic and therapeutic strategies are available. The college has up-to-date facilities for patient care as well as sufficient clinical learning materials for students. Preclinical learning with the help of medical simulators for various clinical scenarios are provided.

Dedicated skills labs in our medical college campus contain a wide array of simulators which includes Advanced Life Support mannequin. There are Simulation labs related to Orthopaedics, Cardiology, Gynaecology specializing in Obstetrics, Paediatrics and General Procedures. In these labs, the students practice various medical procedures on mannequins. Through immersive clinical rotations, students engage with real-world patient cases under the guidance of experienced faculty members and healthcare professionals. This experiential learning approach not only deepens students' understanding of medical concepts but also hones their diagnostic abilities and patient management skills.

Students undergo OPD placements, where they observe and participate in outpatient clinics overseen by experienced faculty members. These clinics are not only opportunities for students to witness clinical examinations and case presentations but also to engage in discussions on various investigative procedures. Additionally, senior faculty members conduct clinics where they demonstrate clinical examinations, present cases, and showcase operative and invasive procedures to the students.

Learning Resources in other Schools / Departments: The Nursing college has various skill based and simulator laboratories that provide clinical learning to the students in maternity care, child care, postnatal care, nutrition care to name a few. The Moot Court Hall and the Legal Aid clinic at the School of Law provide students with first-hand experience on the functioning of a court and its procedures. The Moot court hall is equipped with twin doors, audiovisual facilities, microphones, presentation equipment, judge desks and witness boxes, Emblem of India, and pictures of Mahatma Gandhi, Dr. B.R. Ambedkar which makes the moot court hall simulate a real-life courtroom.

Equipment: Faculty members and students in VISTAS have access to some of the best equipment that caters to developing their hands-on skillset. There is sufficient equipment as stipulated by the respective regulatory bodies. All departments in the medical college hospital have necessary and latest equipment in possession, as per the norms of the National Medical Council. Some of the equipments include BC-6000 (6 Part Differential Cell Counter), BC-5130 (5 Part differential Cell counter), Digital Centrifuge, Incubator, Microtome, Rotatory Microtome, Automatic Tissue Processor, Van Slyke's Apparatus, Micro compute control X-ray radiography assembler (600mAh), ultra-sound scanner, Computed tomography (CT-Scan), Physiotherapy short wave diathermi and Pure tone Audiometer to name a few.

Laboratory Facilities: The necessary clinical equipment and materials adhere to the guidelines set forth by the NMC regulations. Vels Medical College and Hospital has well-equipped pre-clinical and post-clinical laboratories, including those dedicated to Biochemistry, Microbiology, and Pathology. Additionally, the institution houses a state-of-the-art central clinical laboratory fully equipped to handle biochemical, haematological, cytological, and microbiological investigations. The Molecular lab holds accreditation from NABL and operates around the clock to serve patient needs effectively. Within the college, there are expansive and fully equipped laboratories tailored for pre-clinical training, providing students with ample opportunities to enhance their practical skills under the supervision of seasoned faculty members. These facilities encompass preclinical, material, and simulation labs where students engage in hands-on practice with mannequins and models, allowing them to hone their techniques before transitioning to direct patient care in clinical settings. Through utilization of these laboratories, students cultivate the requisite dexterity and confidence essential for their clinical endeavours. In the

physiotherapy lab, equipment facilities are meticulously designed to meet the respective guidelines while offering students an exceptional learning environment. These facilities include Exercise Therapy Lab, Electrotherapy Lab, Post Graduate specific enhancement labs (Orthopaedic Lab, Neuro rehabilitation Lab, Sports Lab, Paediatric Rehabilitation lab and Cardio-Pulmonary Lab) all equipped with advanced tools and technologies to provide students with real-time experiences before engaging with patients. The knowledge of the student extends and gains knowledge also from the Anatomy lab, which is the Basic Science for all medical and Paramedical courses as well as Orthotics and Prosthetics which is the assistive devices used for Amputation patients.

File Description	Document
Any additional information	View Document
Links for The facilities as per the stipulations of the respective Regulatory Bodies with Geotagging	View Document
Links for list of facilities available for patient care, teaching- learning and research with geotagged evidences	View Document
Link for additional information	View Document

Other Upload Files	
1	View Document

4.2.2

Describe the adequacy of both outpatients and inpatients in the teaching hospital during the last five years vis-à-vis the number of students trained and programmes offered (based on HIMS / EMR) within 500 words.

Response:

The Vels Hospital was established in the year 2018 and the medical college was established in 2021. It is situated in a 50-acre campus, with 600 beds, 90 beds in ICU and 10 beds in pediatric ICU, thereby providing tertiary care, including round-the-clock emergency and trauma services, catering to a wide spectrum of medical needs across various departments. With a focus on enriching student experiences, Medical College Hospital offers comprehensive training to undergraduate and postgraduate students in medical, nursing and allied health sciences through diverse clinical sessions and exercises. Operating outpatient and inpatient services with a 24-hour emergency medicine department, the hospital ensures accessibility and quality care, with outpatient services running daily from 8:00 am to 4:00 pm.

Vels Medical College offers one undergraduate programme (MBBS) as per the norms of National Medical Council. As per NMC/MCI requirements, a daily outpatient and inpatient census of 1320

patients is required. The current outpatient and inpatient count in 600 bedded Vels Medical College Hospital is 1439 per day. This is 9% more than required outpatient and inpatient count. Each department is equipped with dedicated rooms for faculty members and patient care, as well as teaching rooms for clinical instruction. Vels Medical College and Hospital has exceeded the average OP requirement per day as per NMC norms which is with an average annual attendance of around two and a half lakh patients, including a daily OPD census of 1000, students benefit from exposure to a wide array of diseases and health conditions, facilitating their holistic learning and development.

The statistics on outpatients and inpatients:

S.No	YEAR	OUT PATIENT	IN PATIENT
1	2019	2,14,167	14,983
2	2020	1,03,803	6,038
3	2021	1,64,684	11,353
4	2022	2,11,135	15,935
5	2023	2,77,907	20,359
TOTAL		9,71,696	68,668

Students are placed in clinical units on rotation basis within the hospital, particularly with a robust outpatient presence. The rotational placement of students is integral to their comprehensive medical education. Exposure to a diverse array of medical conditions not only fosters understanding of disease processes but also hones diagnostic and management skills. Interacting with outpatients allows students to refine communication techniques, conduct thorough assessments, and order appropriate investigations, crucial elements in effective patient care.

VISTAS goes above and beyond to ensure accessibility and convenience for patients, implementing various measures to facilitate their access to healthcare services. Shuttle buses operate at frequent intervals, connecting the institute to the bus stand, easing transportation for patients. Regular outreach camps in villages demonstrate a commitment to reaching underserved communities. Through the computerization of processes, including registration and medication procurement, the institute minimizes patient waiting times, enhancing efficiency and satisfaction. Clean and spacious outpatient waiting rooms create a comfortable environment for patients. State-of-the-art computerized testing labs ensure swift delivery of results, optimizing patient care. Additionally, multiple canteen facilities offer affordable options for those accompanying patients, recognizing the importance of catering to their needs during their time at the institute.

File Description	Document
Any additional information	View Document
Links for year-wise outpatient and inpatient statistics for the last 5 years	View Document
Links for description of adequacy of outpatient and inpatient statistics as per the norms of the Regulatory Bodies (critical documents to be verified by DVV)	View Document
Link for additional information	View Document

Other Upload Files

1

[View Document](#)

4.2.3

Availability of infrastructure for community based learning

- 1.Attached Satellite Primary Health Centers
- 2.Attached Rural Health Centers available for training of students
- 3.Attached Urban Health Centre for training of students
- 4.Residential facility for students / trainees at the above peripheral health centers / hospitals

Response: All of the above

File Description	Document
Institutional data in prescribed format	View Document
Government Order on allotment/assignment of PHC to the institution	View Document
Geo-tagged photographs of Health Centers	View Document
Documents of resident facility	View Document
Any additional information	View Document
Link for any additional information	View Document

4.2.4

Is the Teaching Hospital / Clinical Laboratory accredited by any National Accrediting Agency?

A. NABH accreditation

B. NABL accreditation

C. International accreditation like JCI,

D. ISO certification of departments /institution

E. GLP/GCLP accreditation.

Response: D. Any two of the above

File Description	Document
Copies of Accreditation Certificate(s) duly certified	View Document
Any additional information	View Document
Link for additional information	View Document

4.3 Library as a Learning Resource

4.3.1

Library is automated using Integrated Library Management System (ILMS)

Response:

The VISTAS library is open-access, is more spacious, well-air-conditioned, and has an adequate collection of books, periodicals, and other e-resources that form the backbone of our institution. All our e-resources could be accessed by our stakeholders 24/7, from anywhere.

Our vision is to provide world-class knowledge resources that not only cater to the curricular requirements but also provide intellectual inquiry and research. Touch Screen User Interface Design was established for an interactive library.

Automation details

Library resources and services have been fully automated with bar-coding technology and integrated with KOHA, an Integrated Library Management Software (ILMS), with all modules in all libraries. The VISTAS Library has been upgraded with RFID Technology. The automation covers the entire gamut of Library activities.

Access to e-journals, databases, e-books, etc. is provided by the VISTAS Library portal i.e. www.library.velsuniv.ac.in & www.velslibrarysubjectgateway.com. The Library website also provides information about resources, services, rules & regulations. All resources are accessible locally within the campus as well as remotely.

E-Knowledge Resource Centre (E-KRC) is to provide advanced e-learning experience which allows easy access to a variety of both online and offline learning materials in a productive manner. It is completely connected to an excellent Wi-Fi network. It has advanced IT facilities with adequate systems.

The power infrastructure is supported by a heavy-duty, uninterrupted power supply for all systems and servers to avoid data loss.

Virtual Learning Centre (VLC) is to provide a set of teaching & learning tools designed to enhance students' learning experience by including computers and internet in the learning process. VISTAS has access to SWAYAM Prabha 34 DTH channels which is devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 Satellite, MoE Digital Initiatives.

Remote Access Facility is to be provided through INFED (Indian Access Management Federation-INFLIBNET). It facilitates users' secure remote access to e-resources from any device, anywhere, at any time. It aggregates all the library subscriptions, e-Books, e-Journals, e-Databases etc.

Subject Gateway: VISTAS Library built a subject gateway to strengthen the digital platform and teaching process. This digital portal removes the barrier for higher-knowledge learning outside the campus by unlocking the door of freedom to learn anywhere at any time.

Our library maintains the Institutional Digital Repository (DSpace), which serves as a showcase of the output of academic pursuits by its faculty members, research scholars, and students. It also includes digital assets like e-books, question banks, news clippings, etc.

VISTAS is part of the Shodhganga project, researchers can deposit their doctoral theses at the Shodhganga portal and make them openly accessible to the whole academic community. Additionally, the library provides the facility to check the similarity of their theses, research articles, etc., by Turnitin and DrillBit softwares, which can help prevent plagiarism when conducting research.

File Description	Document
Any additional information	View Document
Link to Geotagged photos	View Document
Link for additional information	View Document

4.3.2

Total number of books and reference volumes as well as collection of ancient books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment especially with reference to traditional systems of medicines

Response:

VISTAS Library serves as a creative and innovative partner in supporting teaching, learning and research activities of the institution. It is the liveliest place on the campus providing a conducive environment that enables learning and advancement of knowledge. The pleasant ambience and the well-furnished library with spacious reading rooms create an atmosphere of serenity and thereby inspire intellectual and research activities.

The vast collection of books at VISTAS Library spans the fields of Engineering and Technology, Medical, Nursing, Physiotherapy, Allied Health Sciences, Agricultural Sciences, Management, Science and Humanities and Law. These resources include textbooks, reference books, rare books, periodicals, reference manuals, ancient books, manuscripts, digitalized traditional manuscripts and other knowledge resources. All resources can be accessed online or offline. Every campus has a contemporary library with a good collection of books, aside from the main library on campus.

A. Traditional systems of medicines

VISTAS Library has the following list of traditional systems of medicines

- Ayurvedic medicine
- Herbal medicine
- Indian Medicinal Plants
- Homeopathy
- Siddha Medicine

B. Ancient books/manuscripts/digitalized traditional manuscripts

VISTAS Library has the following list of Ancient books/manuscripts/digitalized traditional manuscripts for example.

- Kuzhandhai Maruthuvam (Tamil)
- Magalir Maruthuvam (Tamil)
- Sidha Maruthvam (Tamil)
- Paper Manuscript (Digitized)
- Religious Manuscript (Digitized)
- Palm Leaf Manuscript (Digitized), etc.

C. Details of Library Resources

S.No.	Particulars		Holdings
I. Print Resources			
a	Text & Reference Books		142649
b	Periodicals		378
c	Back Volumes		15967
d	Theses/Dissertations		5302
II. Non Print Resources			
e	AV (CDs & DVDs)		5714
f	e-Books	1. ProQuest Academic Complete	206531
g	e-Journals	1. IEEE – ASPP 2. EBSCO : Academic Search Premier 3. EBSCO : Business Source Elite	12535

		<p>4. ProQuest ABI/INFORM Global</p> <p>5. J-Gate Social Science & Humanities</p> <p>6. DVL Online</p>
h	Databases	<p>1. Micromedex Clinical Knowledge Suite</p> <p>2. SCC Online</p> <p>3. All India Reporter</p>
i	Inter Library Loan/Memberships	<p>1. Developing Library Network (DELNET)</p> <p>2. British Council Library (BCL)</p> <p>3. Madras Library Network (MALIBNET)</p>
j	Institutional & Associate Memberships	<p>1. e-ShodhSindhu</p> <p>2. Shodhganga</p> <p>3. NDLI : National Digital Library of India</p> <p>4. INFED</p> <p>5. VIDWAN</p> <p>6. IRINS</p>
k	Digital Portals	<p>1. Vels Subject Gateway Digital Portal</p> <p>2. Library Web Portal</p> <p>3. Institutional Digital Repository</p>
l	Plagiarism Detection Software	<p>1. Turnitin</p> <p>2. DrillBit</p>

File Description	Document
Any additional information	View Document
Links for library acquisition data	View Document
Link for additional information	View Document

4.3.3

Does the institution have an e-Library with membership/subscription for the following:

- 1.e – journals / e-books consortia**
- 2.e-ShodhSindhu**
- 3.Shodhganga**
- 4.SWAYAM**
- 5.Discipline-specific Databases**

Response: All of the above

File Description	Document
Institutional data in prescribed format	View Document
E-copy of subscription letter/member ship letter or related document with the mention of year to be submitted	View Document
Details of subscriptions for e-journals, e-ShodhSindhu, Shodhganga membership etc. for the last five years	View Document
Details of e-resources with full-text access	View Document
Any additional information	View Document
Link for additional information	View Document

4.3.4

Average annual expenditure for purchase of books and journals (including e-resources) during the last five years

Response: 101.4

4.3.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
98	102	139	97	71

File Description	Document
Provide consolidated extract of expenditure for purchase of books and journals during the last five years duly attested by Finance Officer	View Document
Proceedings of Library Committee meetings for allocation of fund and utilization of fund	View Document
Institutional data in prescribed format	View Document
Audited Statement highlighting the expenditure for purchase of books and journal library resources (Refer annexure number -01)	View Document
Any additional information	View Document
Link for additional information	View Document

4.3.5

E-content resources used by teachers:

1. NMEICT / NPTEL

2. other MOOCs platforms

3.SWAYAM

4. Institutional LMS

5. e-PG-Pathshala

Response: Any Four of the above

File Description	Document
Supporting documents from the hosting agency for the e-content developed by the teachers need to be given	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Give links e-content repository used by the teachers / Students	View Document
Links to documents of e-content resources used	View Document
Link for additional information	View Document

4.4 IT Infrastructure

4.4.1

Percentage of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities (data for the preceding academic year)

Response: 100

4.4.1.1 Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities

Response: 352

4.4.1.2 Total number of classrooms, seminar halls and demonstration room in the institution

Response: 352

File Description	Document
Institutional data in prescribed format	View Document
Geo-tagged photographs of the facilities	View Document
Consolidated list duly certified by the Head of the institution.	View Document
Any additional information	View Document
Link for Additional Information	View Document

4.4.2

Institution frequently updates its computer availability for students and IT facilities including Wi-Fi

Response:

The education system in VISTAS has been completely restructured to integrate the use of digital services to make learning easier as well as convenient through the entire course duration. To ensure that teaching, learning and administration continues unabated, an IT team manned by IT Manager and a committed group of IT specialists ensure that campus is always digitally connected.

At the end of each academic year, a thorough assessment regarding the addition, upgradation and replacement of computer, IT and Wi-Fi facilities are carried on meticulously by each department. Based on the suggestions received from Heads of the Department, technicians, and system administrators, as well as after a careful review of computer-student ratio, status of existing systems, and grievances regarding IT hardware and software amenities, the facilities are upgraded to suit the necessities.

The Institution’s IT infrastructure consists of Servers (10), Computers (2760), routers and switches. Servers and computers along with routers and switches provide a digital linked campus.

The smart classrooms are equipped with advanced Information and Communication Technology (ICT) tools and lecture capturing systems (LCS). This helps students to review and revisit lectures at their convenience, thereby enhancing comprehension and retention.

There are sufficient computer systems available in VISTAS Digital Library thereby allowing staff and students of the institution to utilize the facility.

VISTAS Learning Management System (LMS) ensures that learning is not confined to the classroom alone. Rather, it allows students to collaborate, access resources, and engage in coursework from anywhere, at any time. To ensure that students benefit from LMS, the campus is connected with Wi-Fi and LAN facilities.

The institution’s intranet infrastructure is constantly upgraded. The following table provides details regarding the bandwidth provided by various service providers:

Service Provider	Bandwidth
BSNL 1	1 Gbps
BSNL 2	100 Mbps
Airtel 1	250 Mbps
Airtel 2	50 Mbps
Airtel 3	100Mbps
Airtel 4	50 Mbps
ACT	300 Mbps
Infonet	50 Mbps
Hathway	1 Gbps

Our move to a two-way fiber channel that runs through all the campus's buildings ensures that data transfer interruptions never compromise server stability.

The network security ensures the protection of data and computer systems from cybercrime activities, thereby providing a secure environment for teaching, learning, and research. The firewall is upgraded to Sonicall NSA 4700 from Sophos NXG550.

VISTAS ERP portal accessed through the cloud server enables staff and students to access their respective academic information at all times. The ERP system is linked to a functional biometric system which is employed to track staff attendance and student mentor-mentee system periodically. Through the ERP portal, the students can track their attendance, academic performance, internal assessment grades and are used to generate their no dues for exam eligibility at the end of the year.

The campus is installed with sufficient TV monitors, backup servers and 494 surveillance cameras to provide a highly secure environment.

File Description	Document
Any additional information	View Document
Link for additional information	View Document
Links for documents relating to updation of IT and Wi-Fi facilities	View Document

Other Upload Files

1	View Document
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4.4.3

Available bandwidth of internet connection in the Institution (Lease line)

Response: ?1 GBPS

File Description	Document
Institutional data in prescribed format	View Document
Details of available bandwidth of internet connection in the institution	View Document
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	View Document
Any additional information	View Document
Annual subscription bill / receipt	View Document
Link for additional information	View Document

4.4.4

Facilities for e-content development such as Media centre, audio visual centre, Lecture Capturing System(LCS), etc.,

Response:

As the utilization of online learning becomes more common, one of the main duties of faculty members is developing e-content. Due to their exposure to multimedia on the internet, students anticipate that their course lectures will be made available in a blended learning environment. As a result, VISTAS has made a significant advancement by offering these amenities on the campus. Lecture Capturing System (LCS) allows instructors to record or capture their lectures and make them available online. The advancement of digital technology presents valuable opportunities for educational institutions and students alike, and lecture capture is an essential component to making it all work. Further quality of e-content developed,

unless it is on par with the best available in the internet, there will be but only few takers for the same. Hence the facilities provided are modern and of state of art.

Highlights of the numerous amenities in the VISTAS Media Centre on offer are provided in the paragraphs that follow:

Control Room and Green Matte Shooting Floor:

The setting up a control room and green screen (green matte) shooting floor for educational purposes, with essential components and technologies. These setups are commonly used in film and media production programs to teach students about video production, special effects, and post-production techniques.

- Black Magic Production Switcher (ATEM PRO 4K)
- ADVC Capture Card
- HP - Audio Workstation Nuendo
- HP Pro 3330 -Online Editing Computer
- 65 LED Smart TV
- Apple I mac System 27”

Lightings & Accessories:

- 1KV LED LIGHTS
- 2KV LED LIGHTS
- Profile Lights
- Light Controlling mixers

Video Cameras:

- Sony 4K camera
- Panasonic 4K camera

Dubbing Suite:

VISTAS has a soundproof dubbing suite room with professional audio recording equipment, including microphones, headphones, and audio interfaces. The following equipments are available in the dubbing suite

- Sennheiser HD Head Phones
- Rode NT-1 Studio Condenser Mic
- Behringer Condenser Mic
- Rode Shotgun Condenser Mic
- Ahuja Wired Microphone
- Ahuja lapel Microphone
- Tarvin Talk Back System
- Samsung LCD TV/Monitor 21"
- Protools 10 -Audio Software
- Sound Card Apogee Duet

- Apple I mac System
- YAMAHA MSP-5 -Studio Speakers

Photography Suite:

VISTAS has an exclusive photography suite in its campus. A photography suite typically refers to a dedicated space equipped with the necessary tools and equipment for photography. Whether it's for professional use or educational purposes, a well-designed photography suite should cater to the needs of photographers, offering an environment that enhances creativity and productivity.

DSLR Cameras

- Canon 80D camera
- Canon 6D mark ii camera

Lights Cameras

- Cool Light 2 Bank
- Godox Lights
- Tripods

Lecture Capturing System (LCS) & Edit Suites

- 14 Lecture Capturing Systems

File Description	Document
Any additional information	View Document
Links for the e-content development facilities	View Document
Link for additional information	View Document
Links for Geo-tagged photographs	View Document

4.5 Maintenance of Campus Infrastructure

4.5.1

Average percentage of expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the last five years

Response: 31.19

4.5.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
5033.03	3502.63	2316.54	2719.72	2668.31

File Description	Document
Institutional data in prescribed format	View Document
Details about approved budget in support of the above	View Document
Audited statements of accounts for maintenance (Refer annexure number -01 as per SOP)	View Document
Any additional information	View Document
Provide link to ERP	View Document
Link for additional information	View Document

4.5.2

There are established systems and processes for maintaining physical and academic support facilities: (laboratory, library, sports facilities, computers, classrooms, etc.)

Response:

VISTAS has established systems and processes for maintaining physical and academic support facilities. Our institution maintains a strong system for managing such facilities, with committees, offices, and individuals conducting regular reviews and promptly addressing maintenance activities.

The Maintenance Committee is chaired by the Dean, Campus Development. The committee meets regularly to discuss various matters relating to campus maintenance, and ensures the upkeep and utilization of various facilities. They oversee resource planning, purchasing, and utilization under the guidance of higher authorities.

The Director, Estate Maintenance and Development works with a group of dedicated maintenance and support staff to ensure that the buildings and all other infrastructural facilities of the institute are continuously kept in good condition.

ERP: VISTAS has a centralized ERP system in which complaints related to physical and academic support facilities are raised by the HODs. Students can raise grievances relating to maintenance of physical and academic support facilities through Class Committee meetings which are held monthly. The complaints / grievances are forwarded by the Registrar to the respective maintenance department for swift and prompt action to resolve the complaints.

Library: A Library committee has been constituted for overall planning and maintenance of the library.

It meets periodically and discusses the efficient functioning of the library and its utilities. The Chief Librarian is responsible for the maintenance of the books in the library. A binding section is available in the campus which supports binding the damaged books in the library. The maintenance of the reading room and stock verification of library books is done regularly by library staff.

Computer Laboratory: Regular maintenance of Computer Laboratory is done by Laboratory Administrators under the supervision of IT Manager. The team of laboratory administrators is responsible for maintenance and repairing of IT infrastructure such as computers, printers, peripherals, internet facilities including Wi-Fi broadband, telephone lines, intranet and updating software.

General Maintenance / AMC: Annual Maintenance Contracts with relevant agencies have been provided for maintaining major equipments, computers, UPS, air conditioners, generators, Sewage treatment plant, elevators, fire extinguishers etc.,

Maintenance of other Facilities: Maintenance of the transport facility is carried out on the campus by the team of dedicated bus drivers and technicians. The Physical Director is responsible for maintenance of sports equipment, indoor games, courts and gymnasium. Maintenance of overhead water tanks, water cooler, water purifier, waste disposal, pest control, landscaping and lawns are done regularly.

The Institute ensures optimal allocation and utilization of the available financial resources for maintenance and up-keeping of different facilities.

File Description	Document
Any additional information	View Document
Links for minutes of the meetings of the Maintenance Committee.	View Document
Links for log book or other records regarding maintenance works.	View Document
Link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Average percentage of students benefited by scholarships /free ships / fee-waivers by Government / Non-Governmental agencies / Institution during the last five years

Response: 47.44

5.1.1.1 Number of students benefited by scholarships /free ships / fee-waivers by Government / Non-Governmental agencies / Institution during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
9960	8695	7969	1991	1881

File Description	Document
Self-attested letters with the list of students with Government-sanctioned scholarships and fee-waivers	View Document
List of students benefited by scholarships / fee-waivers etc. provided by the institution and other non-government schemes	View Document
Institutional data in prescribed format	View Document
Copies of sanction letters from the University / non-government schemes	View Document
Consolidated document in favor of free ships and number of beneficiaries duly signed by the Head of the institution	View Document
Attested copies of the sanction letters from the sanctioning authorities	View Document
Any additional information	View Document
Link for additional information	View Document

5.1.2

Institution implements a variety of capability enhancement and other skill development schemes

1.Soft skills development

- 2. Language and communication skill development**
- 3. Yoga and wellness**
- 4. Analytical skill development**
- 5. Human value development**
- 6. Personality and professional development**
- 7. Employability skill development**

Response: All of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of capability enhancement and skills development schemes	View Document
Detailed report of the Capacity enhancement programs and other skill development schemes	View Document
Link to institutional website	View Document
Link for additional information	View Document

5.1.3

Average percentage of students benefited by guidance for competitive examinations and career advancement offered by the Institution during the last five years.

Response: 80.17

5.1.3.1 Number of students provided with training and guidance for competitive examinations and career advancement offered by the Institution year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
12157	12385	9685	9111	7107

File Description	Document
Year-wise list of students attending each of these schemes signed by competent authority	View Document
Program/scheme mentioned in the metric	View Document
List of students (Certified by the Head of the Institution) benefited by guidance for competitive examinations and career advancement offered by the institution during the last five years	View Document
Institutional Data in Prescribed format	View Document
Institutional Data in Prescribed format	View Document
Copy of circular/brochure of such programs	View Document
Any additional information	View Document
Link for additional information	View Document

5.1.4

The institution has an active international student cell

Response:

An International Affairs Office (IAO) in VISTAS is responsible for managing and coordinating international programs, partnerships, and activities. Its main function is to promote and support the internationalization goals of the university. The IAO serves as a hub for students, faculty, and staff who seek opportunities for international study, research, and collaboration. It assists students in finding study abroad programs, internships, and research opportunities overseas, **as well as helping international students with their visa and immigration requirements, and adapting to university and local culture.** Additionally, the IAO facilitates the development and management of partnerships with other universities, academic institutions, and organizations around the world. It supports the internationalization of the university's curriculum, and helps to create and sustain international research collaborations and projects.

The standard operating procedure of IAO with respect to international students

- 1.Exemplify updated regulatory body guidelines for Admission of International Students periodically.
- 2.Maintain details of international and NRI students admitted every year and coordinate with the FRRO (Foreigner Regional and Registration Office) for S-form submission.
- 3.Regularly review and appraise the needs of international students concerning the presence and functioning of the cell.

4. Conduct meetings regularly to address the concerns of international students and resolve them.
5. Facilitate seamless orientation of international students to campus facilities and events.
6. Address and rectify the concerns raised by international students promptly and effectively.
7. Familiarize students with hostel rules, dress code, anti-ragging, local laws and culture, customs, language, and civic amenities.
8. IAO is responsible to resolve the queries raised by FRRO, Chennai.
9. Motivate students to participate in curricular and extracurricular activities such as games and sports, cultural presentations and social service activities.

Members of VISTAS International Affairs Office:

1. Dr. S. Arun, Director, International Affairs.
2. Dr. R. Muraliraja, Associate Director, International Affairs.
3. Dr. S. Baskaran, Assistant Director, International Affairs.
4. Ms. Pavithra, International Admission Coordinator.
5. Ms. V. Shivani, BioMedical Engineering, Student Coordinator (Indian).
6. Ms. Aseel Sami, B. Pharmacy, Student Coordinator (International).
7. Mr. Bior Abuoi, EEE, Student Coordinator (International).
8. Ms. L. Pavithera, M.Sc. Dance, Student Coordinator (International).

File Description	Document
Any additional information	View Document
Links for international students' cell	View Document
Link for additional information	View Document

5.1.5

The institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging

1. Adoption of guidelines of Regulatory bodies
2. Presence of the committee and mechanism of receiving student grievances (online/ offline)
3. Periodic meetings of the committee with minutes
4. Record of action taken

Response: All of the above

File Description	Document
Minutes of the meetings of student Grievance redressal committee and Anti-Ragging committee	View Document
Institutional data in prescribed format	View Document
Circular/web-link/ committee report justifying the objective of the metric	View Document
Link for additional information	View Document

5.2 Student Progression

5.2.1

Average percentage of students qualifying in state/ national/ international level examinations during the last five years

(eg: NET/SLET/GATE/GMAT/GPAT/CAT/GRE/TOEFL/PLAB/USMLE /AYUSH/AICTE/ Civil Services/Defense /UPSC/State government examinations/PG-NEET/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,)

Response: 88.67

5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ PLAB/ USMLE /Civil services/ Defense/UPSC/State government examinations/ *PG-NEET*/ AIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
17	12	6	23	12

5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT/GRE/TOEFL/ PLAB/ USMLE/Civil Services/State government examinations *PG-NEET*/ AIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,)) year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
17	12	6	30	18

File Description	Document
Pass Certificates of the examination	View Document
List of students qualifying for state/national/international-level examinations during the last five years with their roll numbers and registration numbers	View Document
Institutional data in prescribed format	View Document
Link for additional information	View Document

5.2.2

Average percentage of placement /self employed professional services of graduating students during the last five years

Response: 65.02

5.2.2.1 Number of outgoing students who got placed / self-employed year- wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
3091	2884	2797	1547	1514

File Description	Document
Self-attested list of students placed/self-employed	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Annual reports of Placement Cell	View Document
Link for additional information	View Document

5.2.3

Percentage of the graduates in the preceding academic year, who have had progression to higher education.

Response: 9.42

5.2.3.1 Number of batch of graduated students of the year before preceding year, who have progressed to higher education

Response: 360

File Description	Document
Supporting data for student/alumni in prescribed format.	View Document
List of students who have progressed to Higher education preceding academic year	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional information	View Document

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/cultural activities at state/regional/national/international events (award for a team event should be counted as one) during the last five years

Response: 355

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at state/regional /national/international events (award for a team event should be counted as one) year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
102	79	12	56	106

File Description	Document
Institutional data in prescribed format	View Document
Certified e-copies of award letters and certificates.	View Document
Link for additional information	View Document

5.3.2

Presence of Student Council and its activities for institutional development and student welfare**Response:**

A Student Council in VISTAS is typically an organized body composed of selected student representatives who work collaboratively to advocate for the interests and welfare of the student body. The primary purpose of a Student Council is to provide a platform for students to voice their concerns, initiate positive changes, and enhance the overall student experience within the institution. Apart from student council, student representatives play a vital role as members of various committees across the institution, contributing their perspectives, insights, and experiences to inform key decisions that impact the student body and the overall learning environment.

Participation of students in various committees:

Name of the Committee	Year of Inception	Total Members	Student Representation
Anti-Ragging Committee The Anti-Ragging Committee ensures a safe and respectful learning environment for all students. Ragging, or any form of harassment, bullying, or intimidation, is strictly prohibited on our campus.	2008-09	25	5
Students Affairs Advisory Committee The Student Affairs Advisory Committee plays a pivotal role in enhancing student support services and promoting the overall well-being and success of our student body.	2008-09	16	3
Internal Complaint Committee (Prevention of Sexual Harassment Committee)	2008-09	10	4

<p>The Internal Complaint Committee (ICC) promotes a safe, respectful, and harassment-free environment for all members of the campus community. The ICC is responsible for addressing complaints of harassment, discrimination, and misconduct in accordance with institutional policies and relevant laws.</p>			
<p>Grievance Redressal Committee</p> <p>The Grievance Redressal Committee (GRC) serves as a vital mechanism for addressing grievances, ensuring a fair and transparent resolution process for all members of the campus community. The GRC is committed to uphold the principles of justice, equity, and accountability in addressing grievances effectively.</p>	<p>2008-09</p>	<p>10</p>	<p>1</p>
<p>Sports Committee</p> <p>The Sports Committee is a dynamic and enthusiastic team dedicated to promote sports and physical fitness among students and fostering a vibrant sports culture on campus.</p>	<p>2009-10</p>	<p>13</p>	<p>2</p>

<p>Hostel Advisory Committee</p> <p>The Hostel Advisory Committee ensures a safe, supportive, and conducive living environment for students residing in hostel accommodations</p>	2009-10	11	3
<p>SC/ST/OBC Grievance Committee</p> <p>The SC/ST/OBC Grievance Committee promotes equity, inclusivity, and social justice for students belonging to marginalized communities. The committee plays a crucial role in addressing grievances and concerns specific to students from Scheduled Castes (SC), Scheduled Tribes (ST), and Other Backward Classes (OBC).</p>	2011-12	8	3
<p>Cultural Committee</p> <p>The cultural committee plays a central role in organizing, coordinating, and celebrating various cultural events and activities on campus.</p>	2012-13	15	7
<p>Women Welfare Committee</p> <p>This committee is dedicated to promote the welfare,</p>	2012-13	10	2

<p>empowerment, and safety of women within the campus community</p>			
<p>Gender Sensitization cell</p> <p>The Gender Sensitization Cell (GSC) is committed to promote understanding, respect, and equality among members of the campus community, regardless of gender identity or expression.</p>	<p>2020-21</p>	<p>10</p>	<p>4</p>
<p>Anti - discrimination cell</p> <p>The Anti-Discrimination Cell plays a vital role in promoting equity, respect, and inclusion within the campus community.</p>	<p>2023-24</p>	<p>8</p>	<p>2</p>
<p>Socio-economically disadvantaged groups Cell (SEDGC)</p> <p>This committee addresses the unique needs and challenges faced by students from economically disadvantaged backgrounds.</p>	<p>2023-24</p>	<p>9</p>	<p>2</p>

By actively participating in various committees across the institution, student representatives empower their peers, advocate for positive change, and contribute to the overall enhancement of the student experience in our educational community.

File Description	Document
Any additional information	View Document
Links for Student Council activities	View Document
Link for additional information	View Document

5.3.3

Average number of sports and cultural activities / competitions organised at the institution level per year

Response: 41.2

5.3.3.1 Number of sports and cultural activities / competitions organised by the Institution year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
67	41	15	40	43

File Description	Document
Report of the events/along with photographs appropriately dated and captioned year-wise	View Document
Institutional data in prescribed format	View Document
Institutional data in prescribed format	View Document
Event photograph if available (random selection with titles and date(s) of the events marked)	View Document
Copy of circular/brochure indicating such kind of activities	View Document
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Link for additional information	View Document

5.4 Alumni Engagement

5.4.1

The Alumni Association/Chapters (registered and functional) has contributed significantly to the

development of the Institution through financial and other support services during the last five years

Response:

VELS ALUMNI ASSOCIATION, a registered association under the Tamil Nadu Societies Registration Rules, 1978, with registration number 77 / 2005, commenced functioning on the 24th day of February 2005. The registered office of the association is at Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, 600117. The main objective of the association is to promote the cause of education, to maintain and develop networks among the past and present students, to encourage the activities of the VELS research association and to add values to the VELS group of institutions. The Annual General body Meeting of the association is being conducted during the month of March every year. During the month of January, the University used to conduct the Alumni meet 'VELS SALUTE' in a grand manner. Through a wide range of initiatives, the association aims to strengthen bonds among alumni, facilitate professional networking opportunities, and contribute to the personal and professional development of its members.

The distinguished alumni from various disciplines were recognized and awarded for their excellence in their respective fields. The distinguished alumni are invited, and they share their experience to our budding aspirants of VELS. Alumni book donation and endowment program is the collaborative initiative between the institution and alumni community aimed at enriching the learning resources available to current and future students.

Alumni are included as members in the Board of studies of all departments. They are invited for meetings at the campus and they interact with their professors and express their suggestions on curriculum revision. The alumni actively participate in framing the curriculum structure to bridge the gap between industry and academia. The departments are utilizing the intellectual assets of the alumni members by means of organizing guest lectures, industrial visits, and inductive learning through interaction of past and present students.

Every year distinguished alumni members are identified and they are invited as the chief guest for the cultural programs of our University. Any passed out student of VELS, can become an alumni member, by registering online or by directly approaching the alumni coordinator of the respective department.

Furthermore, the Vels Alumni Association is actively involved in giving back to the community and making a positive impact on society. Through various community service initiatives, volunteering opportunities, and charitable projects, alumni are encouraged to use their skills, knowledge, and resources to address pressing social issues and contribute to the welfare of others. With the help of NSS unit and Youth Red Cross of VELS, the VELS ALUMNI ASSOCIATION is organizing the Blood donation Camp every year. Whether it's organizing blood donation drives, conducting health awareness camps, or supporting underprivileged students, the association is committed to making a difference in the lives of those in need.

Moreover, the Vels Alumni Association serves as a valuable resource for current students, providing them with guidance, mentorship, and support as they navigate their academic and professional journeys. Alumni are invited to share their insights, expertise, and experiences with students through guest lectures, career talks, and internship opportunities, helping to inspire and empower the next generation of leaders.

File Description	Document
Audited statement of accounts of the Alumni Association (Refer annexure number -01 as per SOP)	View Document
Link for additional information	View Document
Links for quantum of financial contribution	View Document
Links for frequency of meetings of Alumni Association with minutes	View Document
Link for details of Alumni Association activities	View Document

5.4.2

Provide the areas of contribution by the Alumni Association / chapters during the last five years

- 1. Financial / kind**
- 2. Donation of books /Journals/ volumes**
- 3. Students placement**
- 4. Student exchanges**
- 5. Institutional endowments**

Response: B. Any four of the above

File Description	Document
List of Alumni contributions made during the last 5 years	View Document
Certified statement of the contributions by the head of the Institution	View Document
Annual audited statements of accounts/ Extract of Audited statements of highlighting Alumni Association contribution duly certified by the Finance Officer and Head of the Institutions	View Document
Link for any additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The Institution has clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

VISION

To make VISTAS an epitome of excellence in higher education by effectively providing high quality education and rigorous training to students in multiple streams of choice with ample scope for the all-round development to make them excel their profession for betterment of society.

MISSION

Effectively imparting Knowledge and Inculcating Innovative Thinking

Facilitating Skill Enhancement through Add-On Courses and Hands On Training

Doing Original, Socially Relevant, High Quality Research

Instilling the Spirit of Integrity, Equity, Professional Ethics and Social Harmony

Vels Institute of Science, Technology and Advanced Studies (VISTAS) envisions providing affordable quality higher education to all students, leveraging its strategic location in Chennai to offer substantial exposure to industry and academic institutes. This locational advantage facilitates the holistic development of students' competence .

The mission is meticulously crafted by the Board of Management (BoM), Planning and Monitoring Board, Finance Committee, Academic Council, Boards of Studies, and Research Advisory Committees. These bodies function in accordance with UGC guidelines and the institution's Memorandum of Association, convening regularly to ensure strategic alignment and decision-making.

Governance and Meeting Cadence

The BoM, Planning and Monitoring Committee, Academic Council, and Finance Committee meet quarterly. The Research Advisory Committee for Scholars convenes biannually, while the Board of Studies (BoS) meets as needed based on stakeholder requirements to recommend curriculum changes for Academic Council approval. BoS representation includes educators, industry professionals, and alumni, as mandated by UGC norms. Over the past five years, VISTAS has held 26 BoM meetings and 14 Academic Council meetings.

Leadership and Regulatory Compliance

The Vice-Chancellor (VC), as the Principal Executive Officer, chairs the Board of Management, Academic Council, and all other statutory bodies. The VC ensures strict adherence to regulations from UGC, AICTE, PCI, DG Shipping, Bar Council of India, NCTE, NMC, and INC, overseeing the implementation of all institutional acts and statutes. The VC's authority extends to the supervision and control of all officers, including teaching and non-teaching staff and collaborators.

Long-Term Planning

VISTAS operates with a comprehensive Perspective Plan spanning 15 years, alongside a Strategic Plan and a five-year rolling implementation plan. These include the Intellectual Property Rights (IPR) Plan, Academic Plan for teaching and learning processes, Student Support Plan, Faculty Attraction and Retention Plan, Student Admission and Employability Plan, Infrastructure Development Plan, Finance Plan, and Continuous Improvement Plan.

Decentralized Academic and Administrative Structure

The VC is supported by Deans, Directors, Department Heads, Registrar, Finance Officer, Controller of Examinations, and various committees involving key stakeholders such as faculty, students, parents, industry experts, academic peers, and alumni. These stakeholders play an active role in decision-making processes as board and committee members, ensuring that research publications address real-world industry problems and align with Sustainable Development Goals (SDGs).

Achievements and Recognitions

The excellence of VISTAS is reflected in its rankings and ratings by NIRF, NBA, and QS Rating. The institution also receives recognition from the Ministry of Land, Infrastructure, Transport and Tourism, Japan, for Foreign Maritime Education and Training, and holds ISO 9001-2015 certification, among other accolades from competent authorities.

File Description	Document
Any additional information	View Document
Link for vision and mission documents approved by the Statutory Bodies	View Document
Link for report of achievements which led to Institutional excellence	View Document
Link for additional information	View Document

6.1.2

Effective leadership is reflected in various institutional practices such as decentralization and participative management etc.

Response:

Vels Institute of Science, Technology and Advanced Studies (VISTAS) is steadfast in its commitment to empowering its staff by granting them complete academic and operational autonomy through a strategic framework of decentralization and participative management.

Bottom-Up Financial Planning

VISTAS employs a bottom-up approach in its Annual Financial Budget planning. Department heads present their budget requirements based on the strategic plan to a committee led by the Pro-Chancellor (Planning and Development), Vice Chancellor, Registrar, and Chief Financial Officer. The committee meticulously scrutinizes these requirements, and the sanctioned budget is communicated to department heads. This process ensures that activities are implemented efficiently and that internal memoranda for purchasing materials receive necessary approvals from the Finance Committee before the academic year begins.

Open Door Policy and Feedback Mechanism

The institution maintains an open-door policy, allowing any stakeholder to meet the University Competent Authority to discuss matters related to individual or organizational well-being. Students are encouraged to provide constructive feedback to contribute to the institution's development. This policy underscores VISTAS' commitment to inclusiveness and transparency.

Class Committee Meetings: A Model of Continuous Improvement

An exemplary model of continuous improvement, decentralization, and delegation of authority at VISTAS is the Class Committee Meetings. These committees function similarly to quality circles, with voluntary student participation addressing various aspects such as curriculum, infrastructure, sports, cultural, and co-curricular activities. Suggestions from these meetings are implemented, and the consolidated outcomes are analyzed by competent authorities, who initiate corrective actions as necessary.

Participative Management through Self-Managed Teams and Email Feedback

Self-managed teams comprising faculty and students are established for all institutional events. Additionally, the institution welcomes suggestions via email to enhance research and academic quality. These emails are reviewed, and necessary actions are taken to uphold institutional standards and values.

Delegation of Authority and Academic Freedom

Deans, Directors, and Heads of Departments (HoDs) are vested with the authority to implement university policies. They enjoy complete academic freedom regarding student admissions, examinations, finance, procurement, and inventory management. This delegation fosters a sense of ownership and responsibility among the academic leaders.

Decentralized Leadership and Portfolio Allocation

To further decentralize and empower its faculty, VISTAS identifies and allocates institutional-level

portfolios to various academic leaders, including Directors, Associate Directors, Deputy Directors, and Assistant Directors. This strategy ensures a broad distribution of leadership responsibilities and enhances institutional governance.

VISTAS demonstrates participative management through various methods:

- Deans/Directors and HODs: Plan conferences, seminars, workshops, career counseling sessions, inter-departmental programs, and exchange programs, enriching student learning resources.
- Empowered Deans/HODs: Introduce innovative and digital teaching aids to enhance academic delivery.
- Innovation Lab: Mobilizes funds and projects from government and non-government sectors.

Institutional Committees

To ensure smooth administration and governance, VISTAS has formed 27 committees that include teaching faculty, non-teaching staff, scholars, students, and NGOs. Key committees include:

- Anti-Ragging Committee
- Institutional Grievance Redressal Committee
- Student Grievance Redressal Committee
- SC/ST/OBC Grievance Committee
- Internal Complaint Committee (ICC)
- Gender Sensitization Cell
- Anti-Discrimination Cell
- Socio-Economically Disadvantaged Groups (SEDGS) Cell

Details about the 19 other committees are provided in the attachment.

File Description	Document
Any additional information	View Document
Link for information / documents in support of the case study	View Document
Link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1

The institutional Strategic plan is effectively deployed.

Response:

The Institute emphasizes the strategic plan deployment through discussions during Planning and Monitoring Board meetings. Brainstorming sessions are conducted by the Vice Chancellor and the IQAC Director with the Deans, Directors, and HoDs to establish targets for departments and individuals. Management by Objectives is the modus operandi followed for drafting and assessing strategic plans.

Strategic Plan 2019-24

S.No	Performance Parameters (Vital)	Target	Key Performance Indicators	Target Achieved
1	New Programs to be offered	50	58	-
2	Admission Demand Ratio	1:15	1:15	-
3	Infrastructure Development (Floor Space)	30, 00,000 sq.ft.	30, 00,176 sq.ft.	-
4	ICT enabled Classrooms	90%	100%	-
5	Student Placement	60%	69%	-
6	Patents to be Published	300	385	-
7	Books to be Published	1500	1899	-
8	Research Papers in Scopus and WoS	3000	2569	Not achieved
9	Incubators (Start-ups)	20	22	-
10	Implementing Governance in new areas	E-2	3	-

Deployment

Research and Innovation Policy and System of Rewards and recognition foster a research culture in their departments and encourage converting all research works into patents and research articles. Faculty members are provided with seed money for in-house projects. mandate that every department The Vice Chancellor and Pro-Vice Chancellor motivate the Deans, Directors, and HoDs to conduct one national conference per year and an international conference every two years. Seminars and guest lectures on Intellectual Property Rights (IPR) are organized through the Institute Innovation Council (IIC).

MoU partners like the Confederation of Indian Industries – Logistics Centre of Excellence, and National Small Industries Corporation – Technical Development Centre, Mahatma Gandhi National Council of Rural Education, have recognized VISTAS and offered CSR initiatives, internships, skill enhancement courses, projects, and entrepreneurial programs to socially and economically deprived students.

Monitoring

The Vice Chancellor and Dean of Academic Research review the progress of patent filing and research conducted by various groups to ensure alignment with schedules. Corrective measures are taken as necessary.

Assessment

The achievement of targets is assessed through monthly reports submitted by departments and the ERP dashboard of concerned individuals. This successful implementation has led to a substantial increase in the number of patents awarded, from one to 98 in the last five years and the number of patents published increased from 46 to 380. The annual publication of papers in Scopus/WoS/UGC indexed journals and presentation of papers, posters, and cases have also increased significantly. Research projects completed are worth ₹5.86 crores, with ongoing projects worth about ₹6.34 crores.

The benchmarks for the 5-year period of 2019-2024 were achieved successfully in 90% of the parameters. This demonstrates that the institutional strategic plan was effectively deployed through meticulous planning, monitoring and assessment.

File Description	Document
Any additional information	View Document
Link for Strategic Plan document	View Document
Link for minutes of the Governing Council/ other relevant bodies for deployment / monitoring of the deliverables	View Document
Link for additional information	View Document

6.2.2

Effectiveness and efficiency of functioning of the institutional bodies as evidenced by policies, administrative setup, appointment and service rules, procedures etc.

Response:

VISTAS is managed by a team of able, vibrant, and agile leaders. The institutional bodies of the University comprise:

- Board of Management/Executive Council (from October 2023)
- Planning and Monitoring Board
- Finance Committee
- Academic Council
- Board of Studies
- Board of Research
- Examination Board

The Head of the Institution is the Vice Chancellor (VC), who is both the academic and administrative leader. The VC chairs the Board of Management and the Academic Council. Assisting him in academics are the Dean (Academic Courses), Dean (Academic Research), Director (IQAC), Dean (Student Affairs), and the Deans of various faculties.

The Academic Council is the highest academic body of the University, focusing on:

- Supervising the structure of academic policies for the University
- Providing insights and direction regarding methods of instruction
- Enhancing the quality and improvement of academic standards at the University

The administrative machinery operates through a decentralized setup. The Registrar, Deputy Registrars, Assistant Registrars, and Financial Officers are involved in decentralized administration. All administrative functions are under the overall control of the Registrar.

Stakeholder representation in the academic and administrative setup aims to achieve desired outcomes systematically and economically, making higher education accessible to the common man. The Pro Vice Chancellor, Registrar, Deputy Registrars, Assistant Registrars, and Financial Officers are actively engaged in decentralized administration, collectively operating under the overarching guidance of the Vice Chancellor.

The able administration enhances the quality of professionals and researchers produced in the country, contributing to a skilled workforce. This in turn, attracts international collaborations and research partnerships, boosting India's reputation as a hub for academic excellence. The following list of Policies are made transparent to the teaching and non-teaching staff of VISTAS.

- Code of Conduct for Teachers
- HR manual
- FPI Policy
- Research Policy
- Consultancy Policy
- Policy of Institution for attending Conference/ Workshop

- Mentor- Mentee Policy
- Plagiarism Policy
- Promotion Policy
- Policy for Online Courses
- IT Infrastructure Policy
- Innovation Start up Policy
- Publication Incentive Policy
- IQAC Quality Policy
- Posh Policies

VISTAS has a comprehensive HR Manual detailing policies and procedural instructions on attracting, retaining, and motivating staff to achieve higher goals and advance their careers. The faculty at VISTAS are well-informed about the promotional policy, academic freedom, and ethical standards. To enhance efficiency and governance, the institution has partnered with e-Varsity ERP to digitize data related to students, faculty, and non-teaching staff across its campuses.

The e-Varsity portal maintains digital profiles for both faculty and non-faculty members. Key components of VISTAS' administrative framework, statutory bodies, service rules, procedures, recruitment processes, and policies can be accessed through relevant links for additional information. The institution's commitment to e-Governance is evident through the implementation of the Employee E-Service Portal, contributing to overall digitization and streamlined management of data.

The steadfast adherence to documented rules, regulations, and policies ensures that VISTAS continues to thrive, free from impromptu decisions, and focused on its mission of delivering exceptional education and fostering innovation.

File Description	Document
Any additional information	View Document
Any additional information	View Document
Link for additional information	View Document
Link for Annual Report of the preceding academic year	View Document
Link for organogram of the University	View Document
Link for minutes of meetings of various Bodies and Committees	View Document

6.2.3

The University has implemented e-governance in the following areas of operation

- 1.Planning and Development**
- 2.Administration (including Hospital Administration & Medical Records)**

- 3.Finance and Accounts**
- 4.Student Admission and Support**
- 5.Examination**

Response: All of the above

File Description	Document
Screen shots of user interfaces, if any	View Document
Institutional data in prescribed format	View Document
Institutional budget statements allocated for the heads of E-governance implementation ERP Document	View Document
E-Governance architecture document	View Document
Any additional information	View Document
Link for additional information	View Document

6.3 Faculty and Staff Empowerment Strategies

6.3.1

The institution has effective welfare measures for teaching and non-teaching staff, and other beneficiaries.

Response:

VISTAS demonstrates its commitment to the well-being of its teaching and non-teaching staff, as well as other beneficiaries, through effective welfare measures that reflect a deep understanding of the importance of supporting and nurturing the individuals who contribute to the institution's success. The faculty and staff benefit from numerous welfare measures that provide them with a sense of security and belonging which encourages them to contribute to the organization's growth and development.

Key welfare schemes at VISTAS include:

Provident Fund: VISTAS contributes to the Provident Fund at a rate of 12% of the basic pay for both teaching and non-teaching staff.

ESI Facility: The ESI facility is available to non-teaching staff members.

Master Health Checkup: A complimentary annual master health checkup is available for interested faculty members at Vels Medical Hospital.

Maternity Leave: Female staff and faculty are granted maternity leave with salary as per norms for the first two children

Loan Facility: Employees are provided an interest-free loan facility.

Fee Concession: Faculty members pursuing Ph.D. programs at VISTAS receive a 50% concession in tuition fees.

Transport Facility: VISTAS provides transportation at minimal charges for all staff. Free commuting is available from Pallavaram Railway Station, and higher officials receive free transport from their homes.

Subsidized Accommodation: Subsidized accommodation is provided in the institution's hostels and quarters upon request.

Conference Sponsorship: Sponsorships and grants are provided to teaching faculty to attend seminars and conferences, both in India and abroad.

Staff Children Welfare: The wards of staff members receive fee concessions in institutions under the Vels Group, from primary school to degree level. A crèche is also available on campus.

Incentives: Incentives are given to faculty members for achieving a 100% pass rate and for publishing articles in SCOPUS-indexed journals. Gift cheques are given to staff members who get married.

Leave: Faculty members enjoy nearly 60 days of summer and winter vacations annually and are permitted sabbatical leave to pursue higher studies.

Housing Facility: Free registration and housing loan arrangements are provided for purchasing land and constructing homes in collaboration with a housing developer near the university campus.

Campus Facilities: Campus amenities include food courts, a 24-hour ATM, an Equitas Bank branch, a medical centre in partnership with Apollo Shine, and the Shri Ishari VELAN Mission Hospital. Other facilities include Wi-Fi, parking, E-vehicles for internal commutation, a guest house, gymnasiums, indoor games, playgrounds, CCTV, ramps, and rainwater harvesting.

Development Programs: Regular Faculty Development Programs (FDPs) and skill development courses are conducted for teaching and non-teaching staff.

Health Care: The campus hosts a Jan Aushadhi generic medical store, a dispensary with an ambulance facility, and blood test services. Naturopathy and acupressure services are also available.

These comprehensive welfare measures underscore VISTAS' dedication to creating a supportive and nurturing environment for its faculty and staff, fostering their growth and well-being.

File Description	Document
Any additional information	View Document
Link for policy document on welfare measures	View Document
Link for list of beneficiaries of welfare measures	View Document
Link for additional information	View Document

Other Upload Files

1	View Document
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6.3.2

Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years

Response: 44.46

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
485	397	357	187	184

File Description	Document
Policy document on providing financial support to teachers	View Document
List of teachers provided with membership fee for professional bodies	View Document
List of teachers provided with financial support to attend conferences, workshops etc. during the last five years	View Document
Institutional data in prescribed format	View Document
E-copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Audited statement of account highlighting the financial support to teachers to attend conferences/workshops and towards membership fee for professional bodies.	View Document
Any additional information	View Document
Link for additional information	View Document

6.3.3

Average number of professional development / administrative training programs organized by the University for teaching and non teaching staff during the last five years

Response: 30.2

6.3.3.1 Total number of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
83	32	11	19	6

File Description	Document
Reports of Academic Staff College or similar centres Verification of schedules of training programs	View Document
List of professional development / administrative training programmes organized by the University year-wise for the last five years	View Document
Institutional data in prescribed format	View Document
Detailed program report for each program should be made available Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	View Document
Copy of circular/ brochure/report of training program self conducted program may also be considered	View Document
Certified list of the participants who attended the professional development/administrative training programmes during the last five years	View Document
Certified list of organisations / agencies that sponsored/supported/supervised the programmes	View Document
Any additional information	View Document

6.3.4

Average percentage of teachers undergoing Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the last five years..

Response: 45.06

6.3.4.1 Total Number of teachers attending such programmes year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
610	318	463	183	70

File Description	Document
List of teachers who attended Faculty Development Programmes including online programmes during the last five years	View Document
List of sponsoring/supporting/supervising agencies	View Document
Institutional data in prescribed format	View Document
E-copy of the certificate of the program attended by teacher	View Document
Any additional information	View Document
Annual reports of the IQAC and the University for the last five years.	View Document
Annual reports of the AQAR submitted to NAAC	View Document

6.3.5

Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Performance of the Faculty members of VISTAS is assessed through a meticulous process. The metrics for assessment of Performance of Faculty Members have been finalized in consultation with the various stakeholders such as Management representatives, Higher officials, Senior faculty members, IQAC members of VISTAS and peer group faculty from other institutions. The metrics were finalized after several rounds of discussion and it was disseminated to all the faculty members through circulars and also targets were reflected in ERP dashboard of individual faculty members. Through this process the transparency of the Performance Appraisal System was ensured.

The broad metrics used for performance appraisal of Faculty members are:

- a. Academic Delivery – 30% weightage
- b. Research- 40% weightage
- c. Extension & Student Enrichment Activities- 10% weightage
- d. Professional Development- 10% weightage
- e. Administration- 10% weightage

The faculty members were asked to enter the details of their work related to each of these metrics with relevant proof in the ERP. The calculation of scores for the work done by the faculty is automated in the ERP of VISTAS. Once the Faculty members input their details at the end of every academic year their

scores will be calculated and incentives / increase in pay is given. Faculty members are divided into 5 grades based on their scores and suitably rewarded. Faculty members who have outperformed the University, School and Department average scores are placed in Band 1 and the top 15% of Band 1 are graded as A and rest as B. Faculty members who have scored more than any two of the average scores among University, School and Department as C. The remaining faculty members with less scores are placed in Band 3 and the bottom 15% of Band 3 is categorized as E and rest as D. The faculty members who are in Band 3 are given specific time bound targets for improvement.

The different sub -metrics of the Performance Appraisal is detailed in the FPI policy document .

VISTAS also has a system of performance appraisal for **non -teaching staff** (Comprising of Office Assistants, Deputy Registrar, Assistant Registrars , Lab Assistants working in Administrative offices of VISTAS) so that they show active participation in day today activities and they are offered suggestions for improvement of their performance. They are rewarded in terms of appreciation and incentives.

Promotional Avenues

VISTAS offers promotions to Faculty members periodically and they are encouraged to engage in all activities which will enable them to advance in their career. Career Advancement Scheme of Faculty members is clearly laid out and promotions are given based on the credentials required under the scheme which consists of their experience, qualification, research publication, patents, funded projects etc. The process of promoting the employees is done very meticulously. Applications are invited from eligible faculty based on their years of experience in a particular grade. Faculty will be submitting the applications with the proof of their credentials. These applications will be evaluated and faculty will be promoted if found satisfying the required criteria.

File Description	Document
Any additional information	View Document
Link for performance appraisal policy of the institution	View Document
Link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

VISTAS operates within a multifaceted financial ecosystem, employing diverse strategies to secure resources essential for its operations, growth, and innovation. These efforts sustain its financial health and support its mission of academic excellence, research advancement, and community engagement.

Primary Revenue Sources:

1. Tuition Fees: The primary source of revenue, covering academic instruction and operational expenses.
2. Faculty Projects Funds: Financial support for research initiatives, enhancing the institution's academic reputation and fostering innovation.
3. Bank Deposits: Investments in bank deposits generate interest income while maintaining liquidity.
4. Training, Workshops, and Consultancy Services: Revenue from these activities underscores VISTAS' commitment to knowledge dissemination and industry collaboration, enriching educational experiences and fostering industry-academic partnerships.
5. Donations and Contributions: Funds from trusts, philanthropists, alumni, and registration fees for various programs and conferences.

Resource Allocation:

VISTAS adopts a proactive approach to resource allocation, continuously evaluating and adjusting tuition fees and other charges. Prioritizing infrastructure development, the institution maintains a reserve fund for resource depreciation and crisis management. This financial flexibility ensures responsiveness to changing market conditions while maintaining affordability for students from diverse backgrounds.

Fiscal Management:

VISTAS adheres to principles of fiscal prudence and transparency, guided by the General Financial Rules framework. This ensures accountability, safeguards against financial mismanagement, and fosters trust among stakeholders. The financial governance structure is overseen by the Board of Management (BOM) and various committees.

Oversight Mechanisms:

1. Board of Management (BOM): Approves procurement processes for equipment and infrastructure, ensuring compliance with protocols and regulations.
2. Finance Committee: Oversees the budgetary process, reviews expenditure proposals, and makes recommendations to the Council. This committee conducts periodic reviews of financial performance, assessing revenue streams, expenditure patterns, and overall fiscal health.

Periodic Reviews:

The Finance Committee identifies areas of improvement, addresses financial challenges, and optimizes resource utilization. It monitors major capital projects to ensure adherence to budgetary constraints, quality standards, and timelines.

Resource Allocation Heads:

1. Library: Allocation for books, journals, and e-resources.
2. Laboratory Upgradation: Expenditure on setting up or upgrading laboratories.
3. Capital Assets Creation: Setting up classrooms, seminar halls, and libraries (excluding land, buildings, roads).
4. Salaries: For teaching and non-teaching staff.
5. Maintenance of Academic Infrastructure: Consumables and other running expenses (excluding hostel maintenance, rent, depreciation).
6. Seminars and Conferences: National and international level events conducted by the institute.

7. Industry Engagement: Initiatives for skilling students and fostering industry partnerships.

These comprehensive resource mobilization and allocation strategies underscore VISTAS' dedication to creating a supportive environment for its academic community, fostering growth, and ensuring long-term sustainability.

File Description	Document
Any additional information	View Document
Link for additional information	View Document
Link for resource mobilization policy document duly approved by BoM / Syndicate / Governing Council	View Document
Link for procedures for optimal resource utilization	View Document

6.4.2

Funds / Grants received from government / non-government bodies / philanthropists during the last five years (excluding scholarships and research grants covered under Criterion III)

Response: 0

6.4.2.1 Total funds / Grants received from government /non- government bodies year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
0	0	0	0	0

File Description	Document
Provide the budget extract of audited statement towards Grants received from non-government bodies, individuals, philanthropist duly certified by chartered accountant and/or Finance Officer	View Document
List of government / non-Governmental bodies / philanthropists that provided the funds / grants	View Document
Institutional data in prescribed format	View Document
Copy of letter indicating the grants/funds received by respective agency as stated in metric	View Document
Audited statements of accounts for the last five years (Refer annexure number -01 as per SOP)	View Document
Any additional information	View Document

6.4.3

Institution conducts internal and external financial audits regularly

Response:

Vels Institute of Science, Technology and Advanced Studies (VISTAS) stands as a beacon of financial responsibility and transparency in the realm of higher education. At the heart of its financial operations lie qualified Chartered Accountants, entrusted with the crucial task of overseeing external and internal audits for every financial year. These professionals, with their expertise and dedication, serve as guardians of financial integrity, ensuring that every transaction aligns seamlessly with the established protocols and guidelines set forth by the Board of Management.

Within the corridors of VISTAS, these Chartered Accountants meticulously pore over every financial transaction, leaving no stone unturned in their quest for accuracy and compliance. Their keen eyes scrutinize each entry, verifying its alignment with the institution's Enterprise Resource Planning (ERP) system and ensuring its fidelity to the established procedures. Through their diligent efforts, they not only safeguard the institution's financial well-being but also uphold its reputation for fiscal probity.

But their role extends far beyond mere oversight; they are active participants in the procurement process, offering invaluable insights to the Deans and Directors of the faculty. Their expertise guides the procurement activities, ensuring adherence to financial regulations and best practices. By lending their expertise to this critical function, they enhance efficiency, minimize risks, and foster a culture of compliance within the institution.

VISTAS leaves no room for complacency when it comes to financial accountability. Its audit regime is robust, subjecting its accounts to both internal and statutory audits on a regular basis.

External Audit

Audits, conducted meticulously by external auditors, serve as a litmus test for compliance and control effectiveness. The institution spares no effort in engaging the services of reputable firms like M/s Vairavanathan & Co, Chartered Accountants, to ensure adherence to regulatory standards and best practices in financial reporting.

Internal Audit

Each internal audit is a testament to VISTAS' commitment to thoroughness and attention to detail. Auditors Rajesh Samdaria & Associates, Chartered Accountants, Chennai painstakingly sift through financial records and transactions, hunting for any hint of discrepancy or irregularity. Their observations are not merely noted but dissected, with root causes identified and corrective measures promptly implemented. This proactive approach not only strengthens financial transparency but also inspires confidence among stakeholders in the institution's financial management practices

VISTAS doesn't stop at internal audits; it extends its scrutiny to the external realm as well. Qualified professionals appointed by external auditors conduct comprehensive audits, leaving no aspect of financial operations untouched. Their scrutiny ensures compliance with regulatory requirements and industry standards, culminating in the certification of Books of Accounts and providing stakeholders with the assurance of accurate and reliable financial reporting.

VISTAS is driven by a steadfast commitment to upholding the highest standards of financial integrity and accountability. Its internal audit framework, fortified by the expertise of qualified professionals, stands as a bulwark against financial impropriety. Coupled with stringent external audit procedures, it forms a formidable barrier, ensuring responsible stewardship of resources and cementing VISTAS' reputation as a paragon of transparent financial governance in the realm of academia.

File Description	Document
Any additional information	View Document
Link for policy on internal and external audit mechanisms	View Document
Link for financial audit reports for the last five years (Refer annexure number -01 as per SOP)	View Document
Link for additional information	View Document

6.5 Internal Quality Assurance System

6.5.1

Institution has a streamlined Internal Quality Assurance Mechanism

Response:

The IQAC plays a pivotal role in maintaining and enhancing the quality of education and administration

at VISTAS through a continuous cycle of quality enhancement and excellence by reviewing the institution's achievements and areas for improvement regularly.

IQAC contributes significantly in the following areas:

1. Academic and Administrative Audit
2. Accreditation/Ranking
3. Implementation of E-Governance in Faculty performance Appraisal and Career Advancement Scheme
4. Collaborative quality initiatives with other institutions
5. Student/alumni/faculty/employer/parent feedback
6. Annual reports of the institute

Academic Audit

Every year, VISTAS regularly conducts an Academic audit. The IQAC facilitates the process.

1. The Deans/Directors/HODs are requested to submit the details of three external experts to carry out the Academic Audit for their department / School (must be senior professors from reputed institutions).
2. The Vice Chancellor would choose one expert.
3. The IQAC would send the selection order to the expert.
4. Based on the availability of the expert member, a convenient date should be fixed by the department head and the same has to be communicated to the Director, IQAC.
5. A comprehensive Academic Audit questionnaire containing 52 indicators (covering various areas such as curriculum design, teaching methods, research output, student support services, faculty qualifications, and infrastructure facilities) is utilized to evaluate the department's academic performance. This needs to be filled by the Heads of Departments and the necessary supporting documents have to be made ready before the audit.
6. The external expert verifies all the 52 indicators and both the external expert and the Head of the Department sign on all the pages.
7. The Academic Audit has to be submitted to the IQAC on the same day.
8. The Department Head accompanies the expert to the Controller of Examination and 32 items related to examination are audited.
9. The reports of all the departments are consolidated and analysed. The same is discussed in the IQAC meeting. Corrective measures which have to be taken are passed on to the concerned department and Heads of Department are encouraged to rectify the same.
10. The outcome of the Academic and Administrative Audit is discussed and passed in the Board of Management.

Administrative Audit

The administrative bodies with major decision-making responsibilities are: the Board of Management, Academic Council, Planning and Monitoring Board, Finance Committee, Board of Research Studies and Boards of Studies.

- All the Statutory Bodies and Committees are constituted as per the rules and regulations of the UGC. On par with Academic Audit, an Administrative Audit is conducted every year.

- The Registrar / Senior Deputy Registrar of reputed universities in and around Chennai are invited to VISTAS to verify the proper functioning of the various wings of administration.
- The Audit report is submitted to the Registrar/ Vice-Chancellor. Appropriate remedial actions are taken.

Accreditation/Ranking

The National Board of Accreditation (NBA) and the National Institutional Ranking Framework (NIRF) are two prominent mechanisms in India for assessing the quality and performance of higher education institutions. The Internal Quality Assurance Cell (IQAC) has significantly contributed to 11 programs in VISTAS getting NBA accreditation. This was by systematically implementing quality enhancement measures which include regular internal audits, fostering a culture of continuous improvement, organizing workshops and training sessions for faculty, and ensuring adherence to accreditation standards. The IQAC has also facilitated the collection and analysis of data to identify areas needing improvement and has promoted best practices in teaching, learning, and research. This proactive approach has resulted in the enhanced accreditation status of the programs. The IQAC at VISTAS actively participates in the National Institutional Ranking Framework (NIRF) to ensure the institution's performance is continuously benchmarked against national standards. By systematically collecting, analyzing, and presenting data on various parameters such as teaching, learning, research, graduation outcomes, outreach, and inclusivity, the IQAC ensures that VISTAS not only meets but exceeds the criteria set by NIRF. This participation not only helps in identifying areas for improvement but also highlights the institution's strengths, thereby enhancing its visibility and reputation on a national level. The IQAC's commitment to excellence through NIRF participation has significantly contributed to the continuous improvement and higher ranking of VISTAS. The IQAC played a major role in VISTAS achieving the prestigious QS Diamond Rating. By systematically implementing quality enhancement measures, the IQAC ensured that the institution met and exceeded the rigorous criteria set by QS.

Implementation of E-Governance in Faculty performance Appraisal and Career Advancement Scheme

The Internal Quality Assurance Cell (IQAC) at VISTAS has been instrumental in integrating e-governance into the faculty performance appraisal and career advancement process. By developing an online appraisal system, the IQAC ensures a streamlined, transparent, and efficient evaluation process. This system allows faculty members to submit their performance data electronically, which includes teaching accomplishments, research publications, student feedback, and participation in professional development activities. The e-governance approach enables real-time data analysis, quick access to performance records, and secure storage of information. Additionally, it facilitates timely feedback and continuous monitoring of faculty performance, promoting accountability and continuous improvement. The IQAC's role in implementing this digital solution significantly enhances the accuracy, efficiency, and effectiveness of the faculty appraisal process as well as promotion under Career Advancement Scheme (CAS) at VISTAS.

Collaborative quality initiatives with other institution(s)

VISTAS actively engages in collaborative quality initiatives with various institutions, demonstrating a commitment to academic excellence and institutional development. By serving as an academic audit expert for MCC, VISTAS has significantly contributed to enhancing educational standards and practices. Additionally, VISTAS has mentored SVDCH, helping it secure an impressive A++ grade, while

providing guidance to TNTEU and MIDS, which achieved A grades. These efforts reflect VISTAS' dedication to fostering quality education through strategic partnerships and mentorship,

Student/alumni/faculty/employer/parent feedback

At VISTAS, we value feedback from our diverse stakeholders, including students, alumni, faculty, employers, and parents and so we actively collect input through various channels, including surveys, focus groups, and direct communication channels.

Annual reports of the institute

The annual reports of VISTAS provide comprehensive insights into the institution's achievements, initiatives, and performance over the past year.

File Description	Document
Any additional information	View Document
Link for additional information	View Document
Link for the structure and mechanism for Internal Quality Assurance	View Document
Link for the minutes of the IQAC meetings	View Document
Link for the report on the initiatives for the appointment of a fulltime Director/Officer for the IQAC	View Document

6.5.2

Quality assurance initiatives of the Institution include:

- 1. Academic and Administrative Audit (AAA) and initiation of follow-up action**
- 2. Conferences, Seminars, Workshops on quality**
- 3. Collaborative quality initiatives with other Institution(s)**
- 4. Orientation programmes on quality issues for teachers and students**
- 5. Participation in NIRF process**

6. Any other quality audit by recognized State, National or International agencies (ISO, NABH, NABL Certification, NBA, any other)

Response: A. All of the above

File Description	Document
Report /certificate of the Quality Assurance Initiatives as claimed by the Institutions eg: NBA, ISO, NABH, NABL, AAA etc.,	View Document
Institutional data in prescribed format	View Document
e-copies of the accreditations and certifications	View Document
Any additional information	View Document
Annual reports of the University	View Document
Link for AQARs prepared by IQAC.	View Document
Link for additional information	View Document

6.5.3

Impact analysis of the various initiatives carried out and used for quality improvement

Response:

The quality improvement initiatives at VISTAS, guided by the IQAC, have led to significant enhancements across various parameters between the NAAC Peer Team visit in March 2019 and the period of 2018-2023. Here is an impact analysis of the key areas:

Faculty Qualifications:

- **Ph.D. Faculty:** Increased from 251 to 489, showing substantial growth in the number of highly qualified faculty members, enhancing academic rigor and research capabilities.
- **NET/SET Qualified Faculty:** Rose from 75 to 92, indicating an improvement in the quality of teaching staff.

Research Output:

- **PhDs Awarded:** Increased from 207 to 847, reflecting a strong research culture and mentorship within the institution.
- **Publications:** UGC-approved publications increased from 1123 to 1603, books published from 69 to 1899, and papers presented from 920 to 2569, showcasing enhanced research activities and knowledge dissemination.

- **Patents:** Patents published jumped from 46 to 332, and patents awarded rose from 1 to 83, demonstrating significant advancements in innovation and intellectual property development.

Faculty Development:

- **Seminars/Conferences/Workshops/FDPs:** Participation increased from 2494 to 17916, indicating a robust emphasis on continuous professional development.

Collaborations:

- **MoUs:** National MoUs increased from 181 to 249, and international MoUs from 34 to 41, facilitating greater academic and research collaborations.

Consultancy and Research Funding:

- **Income through Consultancy:** Grew from Rs. 72,01,600 to Rs. 2.82 crores, showing enhanced industry engagement.
- **Research Projects:** Completed projects increased from Rs. 1.89 crores (16 projects) to Rs. 5.86 crores (32 projects), and ongoing projects from Rs. 3.08 crores (10 projects) to Rs. 6.34 crores (26 projects). The value of submitted projects also saw a significant increase, from Rs. 96.04 crores (214 projects) to Rs. 128.85 crores (478 projects).

Rankings and Accreditations:

- **NIRF Rankings:** Improved rankings in Pharmacy (52 to 47), Engineering (new entry in the 101-150 band), University (151-200 to 101-150 band), and Innovation (new entry in the 51-100 band).
- **NBA Accreditation:** 11 programs accredited, which were previously nil.
- **QS Rating:** Achieved a Diamond Band rating, reflecting high overall quality.

Infrastructure and Facilities:

- **Total Built-up Area:** Expanded from 11.5 Lakhs sq.ft to 29 Lakhs sq.ft, significantly enhancing the physical infrastructure.
- **Classrooms and Smart Classrooms:** Total classrooms increased from 286 to 352, with smart classrooms increasing from 46% to 100%.
- **Total Computers:** Increased from 2300 to 2760, supporting better technological integration.

Student and Academic Services:

- **Examination Mode:** Shifted from physical mode to a combination of online and physical modes, enhancing flexibility.
- **Placement:** Placement percentage increased from 62% to 79%, indicating improved employability of graduates.
- **Incubation Centre:** Number of companies increased from 5 to 22, promoting entrepreneurial activities.

Special Initiatives and Approvals:

- Achievements include approval from MSME for project submission, attainment of 12B status, free UG education for wards of COVID-19 health workers and police, the introduction of VSAT for admission with scholarships.

Automation and Governance:

- **Calculation of OBE, FPI, and CAS:** Shifted from manual to automated in ERP, improving accuracy and efficiency.

These improvements across various parameters underscore the phenomenal effectiveness of the quality improvement initiatives at VISTAS, led by the IQAC.

File Description	Document
Any additional information	View Document
Link for relevant documents/information on the process and results of impact analysis on the above aspects	View Document
Link for additional information	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Measures initiated by the institution for the promotion of gender equity during the last five years.

Response:

Response:

VISTAS play a vital role in promoting the equality and justice in the minds of younger generation of our country. VISTAS offer equal opportunities for women in its workforce. VISTAS demonstrates its commitment to women's empowerment by employing over 55% female faculty members and support staff, providing them with meaningful opportunities for leadership and growth.

VISTAS is committed for

- Inculcating Universal Human Values among the Students.
- To impart society living, brotherhood and ethics in the minds of Men and Women.
- Conduct regular awareness-raising activities with our culture of high respect for women.

VISTAS had various committees like Gender Sensitization Cell, Grievance Redressal Committee, Internal Complaints Committee & Women Welfare Committee to protect the rights, address their grievances and to provide welfare measures to women.

Specific facilities provided for women in terms of

a) Safety and Security:

- Well trained in-house Male & female security staff are posted in different locations to provide safety to all staff and students within the campus. Thus the campus is blessed with 24 x 7 security services.
- An extensive electronic surveillance conducted to using CCTV cameras throughout the campus to prevent acts of harassment / violence against women as well as others.
- Prominent Helpline posters are displayed throughout the campus for emergency.
- Proper medical assistance is instantly provided for students inside VISTAS premises.
- Free ambulance services are available for any emergencies.
- VISTAS conducts gender specific medical camps like antenatal camp, anaemia screening, cervical screening, breast cancer screening etc.,
- Women safety Mobile APP (Kavalan SOS) introduced for all our girl students and women faculty members to get instant assistance in case of emergency.
- Separate hostels for men and women with experienced inhouse wardens (male and female) are available
- Sanitary vending and incinerating machine are available to maintain menstrual hygiene.

b) Counselling:

- The mentoring system has been adopted to improve the rapport between the faculty members and students. The main objective of the counselling is to keep track students' progress and counsel them accordingly for academic and personal guidance.
- VISTAS had appointed professional female counsellor for providing counselling services to all the girl students and women employees within the campus.

c) Common Room:

- Exclusive common room facilities with recreation amenities are provided for boys and girls, attached toilet and beds in each of the schools.

d) Day care centre for young children:

- Day care crèche facilities are being provided for the staff children from 8:00 am- 6:00 pm at our campus. The staffs present in the day care crèche takes good care of the children and young teachers being mother can render their service peacefully during their working hours.

e) Any other relevant information:

- VISTAS had its own policy for gender sensitization and also perform regular gender related audits.
- VISTAS offers gender related subjects in certain programs to help the students understand the concept of social justice and gender justice.
- VISTAS provide exclusive gym and indoor sports facilities for women.

“Equality for women is progress for all.”

File Description	Document
Any additional information	View Document
Link for specific facilities provided for women in terms of- a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document
Link for additional information	View Document

7.1.2

The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy**
- 2.Biogas plant**
- 3.Wheeling to the Grid**

- 4.Sensor-based energy conservation**
- 5.Use of LED bulbs/ power efficient equipment**

Response: Any Four of the above

File Description	Document
Institutional data in prescribed format	View Document
Geo-tagged photographs of the facilities	View Document
Any additional information	View Document
Link to additional information	View Document

Other Upload Files	
1	View Document

7.1.3

Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**
- **Liquid waste management**
- **Biomedical waste management**
- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

Solid Waste Management:

Solid waste management at VISTAS involves the placement of over 250 recycling bins across the campus to collect both degradable and non-degradable waste, such as food waste, paper waste, general solid and liquid waste, dry waste from fallen flowers and leaves, and food wrappers. The campus strictly prohibits the use of plastic, resulting in a significant reduction in plastic waste production. Additionally, paperless administration is implemented through an ERP system to minimize paper waste generation. After segregating recyclable waste, it is sent to landfills, while garden waste and dry leaves are directed to the compost yard.

Liquid Waste Management:

VISTAS have installed Sewage Treatment Plants (STPs) and Effluent Treatment Plants (ETPs) across all its campuses. The treatment process for liquid waste includes:

Primary Treatment (Screening): Raw sewage undergoes filtration, with solid particles manually removed at fixed intervals and disposed of. Organic waste collected during this process is converted into compost.

Secondary Treatment:

i) **Equalization:** Filtered sewage is collected in a collection sump for equalization before being transferred to an aeration tank by pump sets.

ii) **Biological Treatment:** This step converts organic matter in wastewater into bacterial floc.

iii) **Secondary Settling:** Overflow from the settling tank is directed to a Clarified Water Tank.

Tertiary Treatment and UF: Water is pumped through a pressure sand filter, with necessary alum and chlorine mixing to reduce BOD and COD levels.

Sludge Drying: Excess sludge generated is utilized as manure for gardening.

The treated water is utilized for gardening, lawn maintenance, and pond upkeep on campus.

Biomedical Waste Management

VISTAS had established agreements with authorized agencies like GJ Multiclave (India) Pvt Ltd & Re Sustainability IWM Solutions Limited for the disposal of biomedical waste. This waste, generated in hospitals, laboratories, and animal facilities, is collected in colour-coded bins and disposed of through these agencies.

E-waste management:

VISTAS has partnered with the authorized agency Redit Eco Recycling for e-waste disposal. E-waste is regularly collected at its source, transported to a designated storage facility, and then disposed of by the vendor. Some gadgets are replaced through exchange options or buyback systems. VISTAS also operate an e-waste pilot plant to recycle valuable materials like gold, silver, and copper.

Waste Recycling system:

VISTAS employ a vermi-composting system to convert organic waste from hostel kitchens, mess areas, and canteens into nutrient-rich manure suitable for agriculture and gardening.

Hazardous chemicals and radioactive waste management:

Hazardous chemical waste undergoes treatment involving neutralization, incineration, or chemical conversion before safe disposal in accordance with regulatory guidelines, including burial in designated landfills or storage in specialized facilities. VISTAS do not generate radioactive waste.

File Description	Document
Any additional information	View Document
Link for additional informaton	View Document
Link to relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geo-tagged photographs of the facilities	View Document

7.1.4

Water conservation facilities available in the Institution:

- 1.Rain water harvesting**
- 2.Borewell /Open well recharge**
- 3.Construction of tanks and bunds**
- 4.Waste water recycling**
- 5.Maintenance of water bodies and distribution system in the campus**

Response: All of the above

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for additional informational	View Document
Geo-tagged photographs / videos of the facilities	View Document

7.1.5

Green campus initiatives include:

- 1.Restricted entry of automobiles**
- 2.Battery-powered vehicles**
- 3.Pedestrian-friendly pathways**
- 4.Ban on use of Plastics**
- 5.Landscaping with trees and plants**

Response: All of the above

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link to additional information	View Document
Geo-tagged photos / videos of the facilities	View Document

7.1.6

Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

- **Green audit**
- **Energy audit**
- **Environment audit**
- **Clean and green campus recognitions / awards**
- **Beyond the campus environmental promotion activities**

Response: Any Three of the above

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Audit reports of the institution related to the metric	View Document
Link for additional information	View Document

7.1.7

The Institution has disabled-friendly, barrier free environment

- **Built environment with ramps/lifts for easy access to classrooms.**
- **Divyangjan friendly washrooms**
- **Signage including tactile path, lights, display boards and signposts**
- **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**
- **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: All of the above

File Description	Document
Relevant documents / reports	View Document
Institutional data in prescribed format	View Document
Additional information	View Document
Link for relevant geo-tagged photographs / videos	View Document
Link for additional information	View Document

7.1.8

Describe the institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words)

Response:

Response:

VISTAS boast a diverse population, comprising individuals from various states, countries, and socioeconomic backgrounds. We are dedicated to nurturing a culture that celebrates diversity, fostering harmony among students and staff. Our motto, 'Home away from home,' underscores our commitment to building a harmonious learning community.

Inclusive Environment:

Vels Family Day: This significant annual event, held on the birthday of our Founder Chairman Dr. Ishari K Ganesh, is a celebration for all members of the Vels family, including teaching and non-teaching staff. The day features cultural events, blood donation camps, and tree planting drives.

Day Outings: University officials and members from management, teaching, and non-teaching faculty participate in outings to places like amusement parks and resorts. These outings provide opportunities for socialization and stress relief through various fun games.

Teachers Day: Celebrated annually on September 5th, Teachers Day aims to inspire and empower VISTAS teachers. The day includes the presentation of the Best Teacher Award and incentives to teachers across various categories, recognizing and motivating the teaching fraternity.

Cultural Initiatives:

Cultural events serve as platforms for cross-cultural exchange and dialogue, facilitating interactions among individuals from diverse backgrounds.

Vels Nakshathra: This mega intercollege cultural fest, held annually across the country, invites distinguished film and theatre artists as chief guests to distribute prizes to winners of various cultural

events.

Vels STARS: Exclusively for VISTAS students, this massive cultural event allows students from various departments and schools to showcase their talents.

Cultural Clubs: Through its cultural clubs, VISTAS contributes to the vibrancy and diversity of the student community, enriching campus life and fostering a sense of belonging among students with shared interests.

Regional Celebrations:

Pongal Celebrations: These events aim to instil traditional and cultural values in future generations. Participants dress in ethnic attire, prepare Pongal, and engage in various games and events.

Festival Celebrations: VISTAS also celebrates various festivals such as Onam, Diwali, Holi, Christmas, Eid-al-Fitr, Ganesh Chaturthi, and Ayudha Pooja.

Linguistic Initiatives:

International Mother Language Day: Celebrated at VISTAS as a mark of respect and recognition for vernacular students.

MuthamizhVizha: Organized by the Tamil department, this event focuses on three aspects: poetry, music, and drama.

Socio-economic Initiatives:

V-SAT Scholarship Programs: VISTAS provides merit and free scholarships to various students through programs like V-SAT Scholarship, Vels Alumni Scholarship, Merit Scholarship, First Graduate Scholarship, Ex-Service Man Scholarship, and Sports Scholarship.

Extension Activities: Activities such as donating dresses, food items to orphanages, and organizing Book Donation Drives promote socio-economic upliftment and create a more inclusive society. The students participate in activities such as cleanliness drives, awareness campaigns, and waste to wealth management initiatives help foster a culture of cleanliness and civic responsibility within the university and surrounding communities. NSS Units in VISTAS participate in UBA and contribute to the holistic development of rural areas by leveraging its expertise, resources, and knowledge to address local challenges and promote sustainable development.

File Description	Document
Link to supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9

Sensitization of students and employees of the institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Response:

Response:

VISTAS undertakes initiatives to sensitize students and employees to their constitutional obligations, encompassing values, rights, duties, and responsibilities as citizens.

Values:

VISTAS organizes student induction program to first year students inviting various eminent personalities to inculcate universal human values such as integrity, empathy, respect, compassion, and responsibility. Universal human values are integrated into the curriculum across various subjects.

Duties and Responsibilities

National Voters' day: Every year on January 25, VISTAS commemorates National Voters' Day. The aim is to encourage newly qualified voters to vote and to increase voter participation. On this day, our student volunteers take part in awareness rally displaying various slogans to spread the message stressing the importance of casting 100 % VOTE to the general public.

Citizenship / Constitution Day: Every year on November 26th, Citizenship Day is commemorated on the University campus. On this occasion, VISTAS invites eminent personalities and leaders to speak about fundamental rights of Indian citizens and to educate the audience about the significance of Constitution Day.

Voter machine awareness day: It is commemorated in order to raise awareness among first-time voters about the mysterious connection between pressing a button on an electronic voting machine and having their vote casted properly on the electronic device.

Village Adoption: Few nearby villages have been adopted by our NSS volunteers and steps have been taken to initiate all-round development of this village. A basic survey has been conducted in this village to identify the basic needs of the village population with the help of local authorities. Several activities like medical camps, cleaning programs, awareness campaigns etc., have been conducted for the benefit of village people

Family Adoption: The Vels Medical College and Hospitals under VISTAS adopts various families in nearby villages in Manjakaranai Taluk. Each undergraduate medical student is allotted with five families. The students conducts medical survey about the members of the family and prepares a clear medical history of the family members. On weekly basis they meet the family members, monitor their blood pressure levels, counsel them to be compliant in taking their medications. Health check up camps are organized on regular basis to provide necessary treatments.

Blood Donation camp: VISTAS NSS units collaborate with the Lions Club of Chennai to hold a blood donation camp. Our NSS volunteers encourage students in all classes to donate blood voluntarily by addressing them the need of blood donation to save lives. During each blood donation **450-500 units of**

blood donated by students and staff. VISTAS maintains the 'blood donors' information so that they can be contacted in an emergency.

Tree Plantation: Tree plantation drives are conducted within the campus premises and surrounding areas. These drives involve students, faculty, and staff members coming together to plant trees, shrubs, and other greenery. Eminent personalities on various occasions planted trees in the campus to symbolize a commitment to environmental sustainability and conservation.

Rights:

Periodical webinars/FDPs and guest lectures are conducted to make the students and faculty aware of their rights and their responsibilities.

File Description	Document
Link to details of activities that inculcate values, necessary to render students in to responsible citizens	View Document

7.1.10

The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the code of conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on code of conduct are organized**

Response: All of the above

File Description	Document
Institutional data in prescribed format	View Document
Institutional code of conduct and code of ethics	View Document
Details of the monitoring committee of the code of conduct	View Document
Any additional information	View Document
Link for additional	View Document
Web link of the code of conduct	View Document

7.1.11

Institution celebrates / organizes national and international commemorative days, events and festivals

Response:

VISTAS celebrates / organizes national and international commemorative days, events and festivals

National commemorative days

Republic day

VISTAS celebrate Republic day on January 26th every year to commemorate the adoption of the Indian constitution. The Chancellor / Vice Chancellor unfurls our national flag and enlightens the attendees on the spirit of nationalism and the importance of Republic Day in today's world,

Independence Day

Independence Day is celebrated every year on August 15 with flag hoisting by Chancellor / Vice Chancellor and highlights the role of our freedom fighters and how the nation was liberated from the clutches of British colonialism after more than 200 years.

National Education Day

Every year on the 11th of November, on the eve of the birth anniversary of Maulana Abul Kalam Azad, a great freedom fighter, eminent educationist, and the first Union Minister of Education, National Education Day is commemorated.

National Youth Day

VISTAS celebrate the birth day of Swami Vivekananda as National Youth Day on 12th January. This day is commemorated because VISTAS believe Swami Vivekananda's philosophy and teachings can serve as a source of great inspiration for India's youth.

International commemorative days

International Yoga Day

VISTAS celebrates International Yoga Day to provide students with opportunities to learn about and practice yoga. Yoga is taught as part of the VISTAS programme, and every student learns about the therapeutic path to a healthy mind and body. VISTAS has created an Online World Record for most number of people performing chair pose- Utkatasana simultaneously on the occasion of International Yoga Day on 21st June 2022.

World Pharmacist Day

The World Pharmacists' Day has been celebrated on September 25. The theme is "Pharmacist, Your Health Partner." This is an initiative arranged to highlight the importance of pharmacists in enhancing

healthcare. VISTAS have scheduled a few seminars, elocution, and other activities.

World Physiotherapy Day

Every year on September 8, VISTAS raises awareness among faculty, students, and staff members for World Physiotherapy Day, with the theme "Fulfilling Potentials." The day recognizes the unity and cooperation of the global physical therapy community. It's a chance to acknowledge physical therapists for their contributions to their patients and the community.

The institute also celebrates the following days

- National Science Day
- World Nurses Day
- World Siddha Day
- World Environment Day
- World Migratory Day
- World Earth Day
- World Wildlife Day
- World AIDS Day
- World Down Syndrome Day
- World Tuberculosis Day
- World Kidney Day
- World Cancer Day
- World Health Day

Events

VELS SALUTE : Vels Salute Alumni Meet is conducted every year in the month of January / February to foster a strong bond between alumni and their alma mater while providing a platform for networking, learning, and celebration.

VELS Success Day: To recognize and reward the outstanding students at VISTAS, the institution annually celebrates VELS Success Day. Recognition and rewards to encourage the students a positive reinforcement, motivating them to keep striving for excellence in their academic endeavors.

Festivals: VISTAS celebrates various festivals like Pongal, Onam, Christmas, Holi, Ayudha pooja, Ganesh Chaturthi, Eid-ul-Fitr, etc.,

File Description	Document
Any additional information	View Document
Link for annual report of the celebrations and commemorative events for the last five years	View Document
Link for Geo-tagged photographs of some of the events	View Document
Link for additional information	View Document

7.2 Best Practices

7.2.1

Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

7.2.1. Best Practice-I:

1. Title of the Practice

"Bridging the Gap: VISTAS' Industry Engagement Initiative"

2. Objectives of the Practice

The primary objectives of the VISTAS Industry Engagement are

- To facilitate the exchange of knowledge, experience, and resources between VISTAS and industries in order to promote innovation and problem solutions.
- To align academic courses with industry demands and standards to provide students with practical skills and knowledge that can be applied in the workplace.
- To offer students opportunities for industry experience, internships, and collaborative projects to help them improve their practical skills, industry awareness, and employability.
- To facilitate the transfer of research findings and intellectual property from VISTAS to industrial partners for future development, commercialization, and societal impact.

3. The Context

There is a substantial disparity in India between the competencies possessed by graduates and the requirements of the industry. While industry often perceives that Higher Education Institutions (HEIs) are failing to adequately prepare their students and conduct applied research to address rapid technological advancements and societal demands. HEIs counter that industry shows reluctance in utilizing their research outputs or lacks confidence in investing and collaborating with them to solve real-world problems. In today's dynamic landscape of rapid change, it is imperative for both industry and

institutes to support each other to avoid understand mutual responsibilities to the global community. Enhancing collaboration between HEI and Industry is crucial in order to narrow this divide, hence impacting the design and development of curricula.

4. The Practice

VISTAS' association with the industry is multifaceted, influencing every element of university life. It aims to help students, academics, industry, and society. Key details of the Institute-Industry engagement include:

A. Industry-Relevant Education:

The academic curricula are aligned with industry needs to equip students with necessary industry skills and knowledge which are directly applicable in the work place. At VISTAS every course is designed by involving the industry and academic experts. This practice ensures that industry personal's expertise is utilized in a focused manner to develop the curricula. Besides, few UG programs have been conducted at VISTAS in collaboration with industries.

B. Industry led Research:

VISTAS collaborates with industry partners to conduct research projects that address current challenges, explore the possible emerging technologies and drive innovation in specific research sectors. At VISTAS competent departments have extensive research collaboration to solve the research challenges faced by the industries.

C. Professional Development:

VISTAS provides opportunities for faculty members to engage with industry professionals through seminars, workshops, and collaborative projects to stay updated with industry trends and best practices.

D. Entrepreneurship and Innovation:

VISTAS encourages entrepreneurial activities among students, faculty, and alumni by providing support for start-up ventures, Technology Business Incubators (TBI), and access to industry mentors, networks, funding and product promotional centre.

E. Industry-Linked Programs, Training and Internships:

The collaboration with industry partners, at VISTAS, to conduct various degree programs, offer training and internships for students to gain hands-on experience, industry exposure, and networking opportunities. VISTAS-Industry engagement serves as a catalyst for fostering mutually beneficial relationships, driving innovation, and creating positive societal impact.

5. Evidence of Success

- VISTAS meticulously signed **225 MoUs with various industries.**
- In the Board of Studies (BoS) of all programs conducted by VISTAS external experts from industry are invited to be a part of curriculum design which plays a significant role in preparing

the students ready for the industry. More than 75 industrial experts from various industries are part of Board of Studies of 46 departments of VISTAS. Besides, VISTAS has industrial representation in institutional bodies viz., Board of Management (BoM), Academic Council, and IQAC.

- **Collaborative Programs offered with Industry:** VISTAS offers **31 programs in collaboration with 12 industrial partners.**

S.No	Name of the Collaborative Skill Partners	Courses Offered
1.	IBM Business Analytics Lab, IBM India Private Limited, Bangalore	1. B.Tech Cloud and Mobile Application Development 2. M.B.A. Business Analytics 3. B.C.A Block Chain Technology
2.	CII Institute of Logistics, Taramani, Chennai	1. M.B.A Shipping and Logistics Management 2. M.B.A. Logistics and Supply Chain Management
3.	I Nurture Education Solutions Private Limited, Bangalore	1. BCA Cloud Technology 2. BCA Data Science
4.	MH Cockpit, Pallavaram, Chennai	1. BBA Aviation Management 2. B.Sc. Aviation 3. B.Sc Aircraft Maintenance 4. B.Sc. Aeronautical Science
5.	ImaginXP, Maharashtra	1. BBA Fintech and Digital Banking 2. B.Tech CSE (Artificial Intelligence and Machine Learning)
6.	Cresendos (MAAC), Vadapalani	1. B.Sc Game Designing 2. B.Sc. Visual Effects
7.	Anipix Animation Academy, Chennai	1.B.Sc. Animation 1. B.Sc. Applied Design and Graphics 2. Diploma in Animation 3. Diploma in Visual Effects 4. Diploma in Digital Design and Game Arts

		5. Diploma in Visual Communication
8.	Hybrid 360 Tech, Chennai	1. B.Sc Digital Design and Game Arts 2. B.Sc. Multimedia 3. M.Sc. Animation
9.	Yees Educational Trust, Chidambaram	1. M.Sc. Yoga 2. B.Sc. Yoga 3. Diploma in Yoga Therapy 4. Ph.D Yoga
10.	WCSE Directorate of VISION Academy, Coimbatore	Yoga for human excellence
11.	Kalvium, Bangalore & Coimbatore	B. Tech CSE
12.	Hubert Enviro Care, Chennai	BSC Environmental Science

- **Industry led Research: 162 industry-institute collaborative works** have been done in VISTAS for the benefits of various industries in the last 5 years.
- **Professional Development-**
 1. Academia-Industry interaction was conducted on 3rd March 2023 during International Conference on Advanced Innovation and Research Challenges in Science & Technology (ICAIRST 2023) for the benefit of the participants.
 2. VISTAS collaborated with NASSCOM FUTURE SKILLS Prime to offer dynamic skill development programs. Through this partnership, we empower individuals with cutting-edge skills aligned with industry demands. This initiative enhances a culture of continuous learning and prepares our students for the challenges and opportunities of tomorrow.
 3. The faculty members, students, and research scholars have carried out collaborative research projects in association with industries. Few examples are:
 - Areete Life Sciences
 - EUKPRO Biotech Private Ltd.
 - Climed Research Solutions
 - Sanjeeve Biomedical Research Center
 - Revive Formulations India Pvt. Ltd
 - Inspire Software Solutions
 - SSK smart move logistics
 - Marina labs research and development
- **Entrepreneurship and Innovation-** VISTAS established 16 incubation centres and start-ups supporting various industries in VLSI (Very Large Scale Integration), Embedded Systems, Software Development, Supply Chain Management, Enterprise Resource Planning (ERP), 3D Printing, PCB Prototyping, Bio-Manure, Hotel Management, Machine Design, Augmented Reality, and IT Support.

The following are the examples of start-ups established in VISTAS:

1. Arcomm Tech Solutions Pvt. Ltd

2. Arann Cyber Tek Pvt. Ltd
3. Latentech Pvt. Ltd
4. HimeshReddivari Technologies Pvt. Ltd
5. Iyris Technologies

- **Industry-Linked Training and Internships**

Approximately 2,000 students annually get internship/project opportunities in industries, leading to acquire industry skills.

6. Problems Encountered and Resources Required

Problems Encountered:

- When industrial empowerment is necessary on a vast and varied scale that encompasses the VISTAS's aforementioned activities, the first and most important prerequisite is ongoing engagement and confidence building with industry. Communication hurdles, such as differences in language, terminology, and communication styles, can impede efficient collaboration between VISTAS and Industries. However, with consistent effort from both sides, this impediment has been surmounted.
- Institutes and industries may have different priorities, deadlines, and goals, resulting in a misalignment of expectations. As an academic institute VISTAS concentrate on scholarly pursuits, whereas industries prioritise practical outputs and immediate answers.
- Institute-industry interaction efforts may face substantial hurdles due to limited resources such as finance and time. The industries are reluctant and lack of confidence in allocating funds for research due to the expected outcomes and timely completion of projects.

Resources Required:

- Resources for analysing the effectiveness, impact, and outcomes of collaborative initiatives are critical for tracking progress, identifying areas for improvement, and demonstrating return on investment.
- VISTAS in the process to establish performance measures, evaluation criteria, and monitoring procedures to quantify the success of collaborative engagements.

VISTAS remains committed to overcoming these challenges and leveraging industry partnerships to enrich student education and research capabilities.

7.2.1. Best Practice-II

1. Title of the Practice

VISTAS' Vision for Students' Holistic Development

2. Objectives of the Practice

To fulfill the VISION of the VISTAS, the University strives to instill Holistic Development in its students as one of its best practices.

The objective of holistic development is to foster the intellectual, social, physical, and emotional capacities of students and preparing them to tackle challenging situations effectively.

3. The Context

Holistic student development refers to an approach in education that focuses on nurturing a student's growth and well-being in all aspects, beyond academic achievement. It encompasses physical, emotional, social, intellectual, and moral development, aiming to prepare students for success in all dimensions of career.

4. The Practice and Evidence of Success

The Practice

VISTAS has initiated the following practices for the holistic development of its students to ensure intellectual, social, physical, and emotional growth.

A. Intellectual development :

1. **Value Added Courses (VAC):** VACs intended to improve students' employability by providing training in specialized areas relevant to their fields of study from people with extensive experience in their own field.
2. **Soft Skill & Placement Training:** Soft skills such as communication, teamwork, problem-solving, and leadership are essential for success in the workplace. VISTAS soft skill and placement training programs equip students with these vital skills, helping them become trained professionals who are ready for the job opportunities.
3. **Invited Talks of Expert from Academia & Industry:** Inviting experts from academia and industry to deliver talks and workshops provides students with valuable insights into current trends, future focus, research findings, and industry best practices.
4. **AVISHKAR - Intra University Technical & Science Expo:** AVISHKAR provides a platform for students to showcase their research outcomes, innovations, and technical skills.
5. **Vels Research Fellowship (VRF):** The Vels Research Fellowship are provided to meritorious students which helps to alleviate financial burdens for full-time research scholars.

B. Social development.

1. **Swachhata Pakhwada:** The students participate in activities such as cleanliness drives, awareness campaigns, and waste to wealth management initiatives help foster a culture of cleanliness and civic responsibility within the university and surrounding communities.
2. **Unnat Bharat Abhiyan (UBA):** NSS Units in VISTAS participate in UBA and contribute to the holistic development of rural areas by leveraging its expertise, resources, and knowledge to address local challenges and promote sustainable development.
3. **Village Adoption:** VISTAS demonstrates its commitment to community engagement and social responsibility by adopting villages. The students engage themselves in healthcare initiatives, vocational training programs, and environmental conservation efforts in the adopted villages.

4. Family Adoption: VISTAS adopts various families in nearby villages in Manjakaranai Taluk. Each undergraduate medical student is allotted with five families. The students conduct medical survey about the members of the family and prepares a clear medical history and monitor through “**Health Card**”.

C. Physical Development:

- 1. Yoga:** Integrating yoga into the curriculum or offering yoga classes provides students and faculty with opportunities to enhance physical fitness, flexibility, and mental well-being for supporting stress free education.
- 2. Fitness & Sports Facilities:** Providing access to fitness centers, sports facilities, and recreational spaces encourages physical activity and exercise among students and faculty.
- 3. Health & Wellness Programs:** Organizing health and wellness programs educates the university community about the importance of physical health and provides resources and support for maintaining well-being.

D. Emotional Development:

- 1. Student Mentoring (Mentor-Mentee System):** The mentor-mentee system pairs students with faculty members who provide constant guidance, support, and advice. Mentors offer academic assistance, career guidance, and emotional support, helping mentees navigate challenges and develop important life skills. Besides the regular discussions, the following are also taken care with the students - Review of performances in exams, general behavior, regularity to the institute and any specific complaint / grievances.
- 2. Counselling Services:** Providing access to student counsellors allows students to seek confidential support and guidance for personal, academic, and emotional concerns. Counselling services promote emotional well-being, self-awareness, and effective stress management among students.
- 3. Alumni Knowledge Sharing:** Alumni share their career trajectories, lessons learned, and advice for personal and professional development, inspiring students and offering valuable perspectives on emotional resilience, perseverance, and goal setting.

5. Evidence of Success

- Each student is empowered with additional knowledge through 2 to 3 value-added courses in addition to their degree certificate, which plays a key role in enhancing job opportunities. During the academic year 2022-2023, 99 value-added courses were offered, and 10,392 students benefited.
- The students develop better communication skills and self-confidence to face the challenges of career through soft skill and training programs. 189 Soft skill, Technical and Aptitude training programs were conducted in last 5 years.
- The invited talks arranged with the experts every year enrich the knowledge of the students. 14,925 students benefited by approximately 400 Invited expert talks delivered in different programs.
- Students showcase their patentable ideas at the Intra University Technical & Science Expo - AVISHKAR. Each year more than 300 entries are received out of which 50-55 best ideas are showcased before the juries. The best innovations are awarded with cash prizes and processed for publication of patents. More than 50 student ideas have published as patents so far.

- VRF has been given to 124 full time Research scholars with a stipend of Rs 20,000 / month and contingency grant of Rs 10,000/ year. Besides VISTAS offers financial incentives for research papers published and Patents granted.
- Personalized student mentoring with a ratio of 1:25, fostering individual growth. 11.46 lakhs mentor-mentee meetings were conducted by 3,542 mentors for 62,393 students in the last five years which is a unique one in nature of monitoring and career guidance.

6.Problems Encountered and Resources Required:

- **Problems Encountered:**

- 1.**Participation Limitations:** The increasing prevalence of sedentary lifestyles and screen time among the student community lead to the reluctance of involvement and co-operation.
- 2.**Parental Convincing:** Parental involvement and encouragement play a crucial role in student’s holistic development. Few challenges have been encountered in getting female students' parents to support outreach programs; however, this has been improved through regular interactions with parents.
- 3.**Balancing Schedules:** Difficulties in managing academic and social activities, especially for science and computer science students due to intensive curricular schedules.
- 4.**Communication Barriers:** Initial communication challenges in career guidance for students educated in regional languages.

- **Resources Required:**

- 1.**Sensitization Lectures for Students:** Need more sensitization lectures to educate students on the importance of social extension activities and their societal impact.
- 2.**Faculty Sensitization:** The faculty members and supporting staffs need to be sensitized in emphasizing the importance of these activities for student’s holistic development by Heads of Departments and senior Faculty members.
- 3.**Motivation Initiatives:** Motivating the students to participate in large numbers in Wellness programs including fitness classes & health screening, leadership programs, Programs and events that promote inclusivity and multicultural understanding and collaboration with NGOs and Government agencies for community projects.

VISTAS is dedicated to overcoming these challenges and continuously creating an environment that nurtures all aspects of practices to ensure the holistic development of every student.

File Description	Document
Link of the best practices in the Institutional web site	View Document

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

7.3 INSTITUTIONAL DISTINCTIVENESS

"Championing Women's Empowerment: VISTAS' Distinctive Initiatives"

VISTAS is committed towards complying with Sustainable Development Goals (SDGs) in all its practices and the Institution's efforts to meet up **Women Empowerment** is very distinct.

WOMEN IN VISTAS	Category	Percentage
	Administration	42%
	Teaching	55%
	Non-Teaching	34%
	Supporting Staffs	90%
	Students	28%

I. Measures taken towards Women Empowerment in Governance

VISTAS believes that the role of women in governance and leadership is a strategic imperative which will drive innovation and bring out success for the institution. Women representation is ensured at all levels starting from the Executive Council the apex body governing VISTAS with the Vice President and Pro- Chancellor, Academics being women to ensure smooth functioning of the institution.

With **35 women** involved in **academic governance** in positions such as **Deans, Directors & HODs** of various Schools and Departments of the University and **17 women** in non-academic governance in positions such as **Deputy Registrar, Assistant Registrar**, VISTAS is poised towards augmenting Women's Voices in Governance.

II. Measures taken towards Women Empowerment in Sports

VISTAS Women in Sports

VISTAS women in sports highlight the University's commitment to supporting and promoting women's participation and excellence in sports.

- Winner & Runner-Up in Senior State Beach Volleyball Championship
- Senior National Sailing Championship won by VISTAS student Ms. Ishwariya Ganesh
- Bronze Medal at 36th National Games by VISTAS students in Senior Tamilnadu Women's Football Team in the 36th National Games
- Girls Basketball Team gave a tough fight and came out as the runners up in the interuniversity tournament organized by Amity University

VISTAS honoured Indian Women Sports Personalities with a Honorary doctorate degree Doctorate of Letter (D.Litt).

- 1.P.T.Usha - Indian Athlete**
- 2.Anju Bobby George – Indian Athlete**
- 3.P.V.Sindhu - Indian Badminton Player**

VISTAS conducts regular Annual Sports Meet in which women students and faculty actively participate in various events like Chess, Carrom, Badminton, Throwball, Table Tennis and various athletic events in large numbers and won several prizes. Ms.K.Indumathi, Captain of Indian Football team was the Chief Guest for the recently held Annual Sports Meet.

III. Measures to encourage Women Entrepreneurs

VFUND – Seed Funding for Women Entrepreneurs

V Fund is a startup pitch event wherein women entrepreneurs pitch their business proposals to the jury members. The worthy proposals were selected based on the Novelty of the idea, trajectory, future prospects and scalability. **V Fund has been provided to 12 women entrepreneurs from 2021 to 2024 and a seed funding of Rs.20 lakhs has been given by VISTAS to women entrepreneurs.**

IV. Measures to ensure welfare of women employees

- Free Transport to Women Employees
- Women Health Awareness Programmes
- Ladies Common Room
- Child care Assistance
- Maternity Leave

V. Measures for external women stakeholders

- 1.VISTAS Maternity Scheme:** VISTAS has implemented & follows the “Champion equality through community initiatives and advocacy” through the maternity scheme in Under this scheme, each antenatal mother who confirms pregnancy receives complete medical benefits free of cost throughout her maternity period is from the day of confirmation till her delivery. Once she registers in the **VISTAS** maternity scheme, she is eligible to obtain complete maternity scheme benefits from Vels Medical College & Hospitals which include free-of-cost investigations, medical treatment, health education about diet, delivery procedure, and family planning treatment. She is eligible to get monetary benefits (of Rs.12,000 to Rs.20,000) after her safe delivery. To date, more than 130 antenatal mothers have benefitted from various places in and around Chennai.
- 2.Women Achievers Awards:** VISTAS celebrates the achievements of women across various fields through the Women Achiever Awards during International Women’s Day celebrations every year. By honoring exemplary women, the institution inspires future generations to strive for excellence.
- 3.Support for Women Self-Help Groups (SHG):** The institution provides a marketplace for Women Self-Help Groups, enabling them to showcase their products and generate income. This annual event not only promotes economic empowerment but also celebrates the creativity and

craftsmanship of women entrepreneurs.

4. **Women's Training Programs:** VISTAS organizes training programs on upscaling indigenous and traditional knowledge especially in rural communities. Training women in skills such as making jute bags, artificial jewellery, and vegetable Nutri Garden setup equips them with income-generating opportunities that are sustainable and environmentally friendly. This promotes sustainable livelihoods and reduces dependence on external sources of income. Training programs enhance the skills, knowledge, and capabilities of women, enabling them to take on leadership roles and participate more actively in socio-economic development initiatives within their communities.
5. **Women Privilege card:** Women's Privilege Identity card is given to all female patients of all ages at Vels Medical College and Hospital. Those who enrolled in this card will be getting certain privileges among others. This is not only helpful for them and also for their family members to get the quality standard medical care.

Distinguished WOMEN ALUMNI of VISTAS

1. Dr. Meenakshi Vijayakumar, Additional Director (I), Tamilnadu Fire and Rescue services, Govt of Tamilnadu and she is the first women fire officer in INDIA
2. Dr. Meenakashi Ramesh, Director, Vels Group of Schools.
3. Ms. Pallavi, Lead Data Scientist, Here Technologies, Mumbai
4. Dr. Shamini Senthilkumar, Managing Director, Organogenik biotech pvt Ltd, Chennai
5. Ms. Swarna B.S, Cabin Crew, Singapore Airlines
6. Dr. Selvi Santhosam, Clinical Physiotherapist, Rajiv Gandhi Govt. General Hospital, Chennai. Dr Selvi Santhosam is the first transwoman Physiotherapist to serve in government hospital.
7. Dr. S. Subhashini, General Manager Empire Smart Freight LLC, Dubai
8. Dr. Ansiem George, Mental Health Nurse Practitioner, Forensic Psychiatry, Guild Lodge hospital, UK.
9. Ms. Saranya, Manager – Operations South East Asia, DahNAY Logistics Vietnam Co., Ltd.
10. Ms. Maivizhi Maharaja, Project Manager- Digital Marketing, UK- House of Lords, UK Parliament
11. Ms. Aswin Annie, HR Generalist, Indo Arab, Qatar.

At VISTAS, Women empowerment is not merely a buzzword; it is a guiding principle —a commitment to creating an environment where every woman has the opportunity to thrive, to lead, and to excel. VISTAS strives for equality and inclusion in everything it does, every single day of the year.

File Description	Document
Any additional information	View Document
Link of appropriate Web link in the Institutional website	View Document

5. CONCLUSION

Additional Information :

https://vistas.ac.in/wp-content/uploads/naac/01/Additional-Information-NAAC_Signed.pdf

Concluding Remarks :

The roadmap for VISTAS is well-defined. Our aim is to become an international institute where students from around the world will gather to enrich their knowledge. We aim to provide both physical and academic infrastructure, enhancing state-of-the-art lab facilities, to attract students globally. Our goal is to secure minimum of 100 crore rupees worth of research projects by 2030.

Our efforts are driven by a steadfast commitment

"To strive, to seek, to find, and not to yield."

Overall, the Institute is dedicated to excellence in every endeavor by diligently planning each activity to achieve outstanding results.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
1.1.2	<p>Percentage of Programmes where syllabus revision was carried out during the last five years</p> <p>1.1.2.1. How many programs were revised out of total number of programs offered during the last five years Answer before DVV Verification : 100 Answer after DVV Verification: 133</p> <p>Remark : DVV has made changes as per the report shared by HEI</p>																																								
1.4.2	<p>Feedback process of the Institution may be classified as:</p> <p>Answer before DVV Verification : A. Feedback collected, analysed and action taken on feedback and relevant documents are made available on the institutional website Answer After DVV Verification: C. Feedback collected and analysed Remark : DVV has considered the supporting document and made changes accordingly</p>																																								
2.6.2	<p>Incremental performance in Pass percentage of final year students during last five years</p> <p>2.6.2.1. Number of final year students of all the programmes, who qualified in the university examinations in each of the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>3822</td> <td>3667</td> <td>4018</td> <td>3639</td> <td>2831</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>3822</td> <td>3667</td> <td>4018</td> <td>3639</td> <td>2896</td> </tr> </tbody> </table> <p>2.6.2.2. Number of final year students of all the programmes, who appeared for the examinations in each of the last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>4133</td> <td>4020</td> <td>4186</td> <td>3794</td> <td>3133</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>4133</td> <td>4170</td> <td>4276</td> <td>3904</td> <td>3306</td> </tr> </tbody> </table> <p>Remark : DVV has made changes as per the report shared by HEI</p>	2022-23	2021-22	2020-21	2019-20	2018-19	3822	3667	4018	3639	2831	2022-23	2021-22	2020-21	2019-20	2018-19	3822	3667	4018	3639	2896	2022-23	2021-22	2020-21	2019-20	2018-19	4133	4020	4186	3794	3133	2022-23	2021-22	2020-21	2019-20	2018-19	4133	4170	4276	3904	3306
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3.1.4	<p>Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates, other research fellows in the university enrolled during the last five years</p> <p>3.1.4.1. The Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows in the university enrolled year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 389 1046 524"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>117</td> <td>103</td> <td>86</td> <td>52</td> <td>39</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 602 1046 736"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>107</td> <td>77</td> <td>80</td> <td>45</td> <td>30</td> </tr> </tbody> </table> <p>Remark : DVV has considered the supporting document and made changes accordingly</p>	2022-23	2021-22	2020-21	2019-20	2018-19	117	103	86	52	39	2022-23	2021-22	2020-21	2019-20	2018-19	107	77	80	45	30
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2022-23	2021-22	2020-21	2019-20	2018-19																	
107	77	80	45	30																	
3.3.3	<p>Total number of awards / recognitions received for innovation / discoveries by the institution/teachers/research scholars/students during the last five years</p> <p>3.3.3.1. Number of awards/recognitions received by the Institution/teachers/research scholars/students year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1095 1046 1229"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>356</td> <td>116</td> <td>106</td> <td>61</td> <td>47</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1308 1046 1442"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>102</td> <td>87</td> <td>56</td> <td>40</td> </tr> </tbody> </table> <p>Remark : DVV has considered the supporting document and made changes accordingly</p>	2022-23	2021-22	2020-21	2019-20	2018-19	356	116	106	61	47	2022-23	2021-22	2020-21	2019-20	2018-19	300	102	87	56	40
2022-23	2021-22	2020-21	2019-20	2018-19																	
356	116	106	61	47																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
300	102	87	56	40																	
3.4.2	<p>The Institution provides incentives for teachers who receive state, national or international recognitions/awards..</p> <p>Option</p> <ol style="list-style-type: none"> 1. Career Advancement 2. Salary increment 3. Recognition by Institutional website notification 4. Commendation certificate with cash award <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. Any 2 of the above</p> <p>Remark : DVV has considered the supporting document and made changes accordingly</p>																				

3.4.3	<p>Total number of Patents/ Copyrights published/awarded/technology-transferred during the last five years..</p> <p>3.4.3.1. Number of Patents/ Copyrights published/awarded/ technology-transferred year-wise during the last five years..</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 389 1046 524"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>176</td> <td>95</td> <td>92</td> <td>11</td> <td>11</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 602 1046 736"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>Remark : DVV has considered the supporting document and made changes accordingly</p>	2022-23	2021-22	2020-21	2019-20	2018-19	176	95	92	11	11	2022-23	2021-22	2020-21	2019-20	2018-19	0	0	0	0	0
2022-23	2021-22	2020-21	2019-20	2018-19																	
176	95	92	11	11																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
0	0	0	0	0																	
3.5.2	<p>Revenue generated from advisory / R&D /consultancy projects (exclude patients consultancy) including Clinical trials during the last five years</p> <p>3.5.2.1. Amount generated from consultancy year-wise during the last five years (INR in lakhs)</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1055 1046 1189"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>69</td> <td>65</td> <td>49</td> <td>40</td> <td>58</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1267 1046 1402"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>56</td> <td>65</td> <td>49</td> <td>30</td> <td>45</td> </tr> </tbody> </table> <p>Remark : DVV has considered the supporting document and made changes accordingly</p>	2022-23	2021-22	2020-21	2019-20	2018-19	69	65	49	40	58	2022-23	2021-22	2020-21	2019-20	2018-19	56	65	49	30	45
2022-23	2021-22	2020-21	2019-20	2018-19																	
69	65	49	40	58																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
56	65	49	30	45																	
3.7.1	<p>Average number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc per year</p> <p>3.7.1.1. Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 1760 1046 1895"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td>162</td> <td>128</td> <td>75</td> <td>65</td> <td>62</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 1973 1046 2085"> <thead> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2022-23	2021-22	2020-21	2019-20	2018-19	162	128	75	65	62	2022-23	2021-22	2020-21	2019-20	2018-19					
2022-23	2021-22	2020-21	2019-20	2018-19																	
162	128	75	65	62																	
2022-23	2021-22	2020-21	2019-20	2018-19																	

155	125	73	62	63
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Remark : DVV has made changes as per the report shared by HEI and taken repetitive Collaborative activities as one.

4.1.4 Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

4.1.4.1. *Expenditure incurred, excluding salary, for infrastructure development and augmentation year-wise during the last five years (INR in lakhs)*

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
6305.56	7000.70	6685.09	2032.78	959.42

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
5638.56	6738.70	5372.09	1738.48	567.8

Remark : DVV has considered the supporting document and made changes accordingly

4.2.4 Is the Teaching Hospital / Clinical Laboratory accredited by any National Accrediting Agency?

- A. NABH accreditation
- B. NABL accreditation
- C. International accreditation like JCI.,
- D. ISO certification of departments /institution
- E. GLP/GCLP accreditation.

Answer before DVV Verification : B. Any Four of the above

Answer After DVV Verification: D. Any two of the above

Remark : DVV has considered the supporting document and made changes accordingly

5.4.2 Provide the areas of contribution by the Alumni Association / chapters during the last five years

1. Financial / kind
2. Donation of books /Journals/ volumes
3. Students placement
4. Student exchanges
5. Institutional endowments

	<p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any four of the above Remark : DVV has considered the supporting document and made changes accordingly</p>																				
<p>6.4.2</p>	<p>Funds / Grants received from government / non-government bodies / philanthropists during the last five years (excluding scholarships and research grants covered under Criterion III)</p> <p>6.4.2.1. Total funds / Grants received from government /non- government bodies year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1" data-bbox="304 548 1046 683"> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> <tr> <td>500</td> <td>0</td> <td>60</td> <td>50</td> <td>0</td> </tr> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="304 761 1046 896"> <tr> <th>2022-23</th> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </table> <p>Remark : DVV has considered the supporting document and made changes accordingly</p>	2022-23	2021-22	2020-21	2019-20	2018-19	500	0	60	50	0	2022-23	2021-22	2020-21	2019-20	2018-19	0	0	0	0	0
2022-23	2021-22	2020-21	2019-20	2018-19																	
500	0	60	50	0																	
2022-23	2021-22	2020-21	2019-20	2018-19																	
0	0	0	0	0																	
<p>7.1.6</p>	<p>Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:</p> <ul style="list-style-type: none"> • Green audit • Energy audit • Environment audit • Clean and green campus recognitions / awards • Beyond the campus environmental promotion activities <p>Answer before DVV Verification : Any Four of the above Answer After DVV Verification: Any Three of the above Remark : DVV has considered the supporting document and made changes accordingly</p>																				

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations