



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)
(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond 30 Years Successfully

CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

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

h) Annual reports of the AQAR submitted to NAAC

Criterion Number	6
Metric	6.3.4
Details	Annual reports of the AQAR AY 2022-2023
Pages	1 to 78

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution

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

- Name of the Head of the institution **Dr. S. Sriman Narayanan**
- Designation **Vice Chancellor**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **04422662500**
- Mobile no **9962506344**
- Registered e-mail **vc@vistas.ac.in**
- Alternate e-mail address **vels@vistas.ac.in**
- City/Town **Velan Nagar, P.V.Vaithiyalingam
Road, Pallavaram, Chennai**
- State/UT **Tamil Nadu**
- Pin Code **600117**

2.Institutional status

- University **Deemed**

- Type of Institution **Co-education**

- Location **Urban**

- Name of the IQAC Co-ordinator/Director **Dr. S. Arun**
- Phone no./Alternate phone no **9962506209**
- Mobile **9787115195**
- IQAC e-mail address **director.iqac@velsuniv.ac.in**
- Alternate Email address **arun.se@velsuniv.ac.in**

3.Website address (Web link of the AQAR (Previous Academic Year)) <https://vistas.ac.in/internal-quality-assurance-cell-iqac/>

4.Whether Academic Calendar prepared during the year? **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://vistas.ac.in/wp-content/uploads/SC22-23.pdf>

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.01	2019	29/03/2019	27/03/2024

6.Date of Establishment of IQAC **10/08/2009**

7.Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)	12B	UGC	2021	0

8.Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **4**

- The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website. (Please upload, minutes of meetings and action taken report) **Yes**

- (Please upload, minutes of meetings and action taken report) [View File](#)

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **Yes**

- If yes, mention the amount **30000**

11. Significant contributions made by IQAC during the current year (maximum five bullets)

* External Academic and Administrative Audit for all the Departments of VISTAS

* Quality assurance related Faculty Development Program for all the teaching faculty members

* Training on computer based tools for non teaching staff

* Mentored two Institutions to apply for NAAC

* Streamlining FPI in ERP and creating a transparent appraisal mechanism

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
To train all the teaching faculty on Outcome Based Education (OBE), Academic Bank of Credits (ABC) and any need based topics	All the faculty members were acquainted with OBE, ABC
To create transparent appraisal mechanism	FPI implemented in ERP
To conduct Internal and External AAA	Conducted AAA in a micro level
To mentor two Institutions for NAAC	Mentored 3 Institutions and one Institution got A++

13. Whether the AQAR was placed before statutory body? **Yes**

- Name of the statutory body

Name	Date of meeting(s)
Board of Management	27/04/2023

14. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to Assess the functioning? **Yes**

15. Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES(VISTAS)
• Name of the Head of the institution	Dr. S. Sriman Narayanan
• Designation	Vice Chancellor
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• Phone no./Alternate phone no.	04422662500
• Mobile no	9962506344
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• Alternate e-mail address	vels@vistas.ac.in
• City/Town	Velan Nagar, P.V.Vaithiyalingam Road, Pallavaram, Chennai
• State/UT	Tamil Nadu
• Pin Code	600117
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2022-2023	05/04/2024				
16. Multidisciplinary / interdisciplinary					
<p>VISTAS, being a multi-disciplinary Institution serves as 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 focusing on community engagement and service 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 Offers workshops, seminars, and fellowships focused on interdisciplinary pedagogy and research methodologies that equips faculty members with the skills and knowledge needed to facilitate</p>					

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 student projects and products developed involve students from various disciplines to work together. VISTAS encourages collaboration between departments through joint research projects and interdisciplinary seminars fosters a culture of cooperation and knowledge exchange. VISTAS has established various centers of excellences which pools in faculty and students across disciplines to carry out various research activities that are well evident through its publications in indexed journals and conferences.

17.Academic bank of credits (ABC):

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. Following steps have been taken for implementation of ABC at VISTAS:

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 students degrees 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 admitted in the academic year 2021-22.

The procedure to create DigiLocker account and Creation of ABC IDs have been sent to students. Once they complete this process, they would be able to accumulate credits and redeem credits whenever required.

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.

18.Skill development:

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 skills and interpersonal behaviour. These developmental programmes support 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.

19.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

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. Faculties from VISTAS participated in the short-term training programme on IKS was 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. Faculties successfully completed their Masters Training to teach IKS courses in various disciplines. 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.

20.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The teaching learning process at VISTAS is Learner Centric focusing on the development of proficient 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.

21.Distance education/online education:

VISTAS offers Open and Distance Learning Programmes from 31-07-2023 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 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 has been placed in Learning Materials meant for the ODL students as per instruction of UGC-DEB. 280 students are on roll at present in the VISTAS 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. The Programmes like MBA and MCA are 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 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 is subscribed 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, online licensed and open access softwares are made available to students to enhance their hands-on skills.

Extended Profile

1. Programme

1.1	121
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Number of programmes offered during the year:

File Description	Documents
Data Template	View File

1.2	48
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Number of departments offering academic programmes

2. Student

2.1	13622
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Number of students during the year

File Description	Documents
Data Template	View File

2.2	3822
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Number of outgoing / final year students during the year:

File Description	Documents
Data Template	View File

2.3	12957
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Number of students appeared in the University examination during the year

File Description	Documents
Data Template	View File
2.4	119
Number of revaluation applications during the year	
3.Academic	
3.1	3683
Number of courses in all Programmes during the year	
File Description	Documents
Data Template	View File
3.2	767
Number of full time teachers during the year	
File Description	Documents
Data Template	View File
3.3	767
Number of sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	73925
Number of eligible applications received for admissions to all the Programmes during the year	
File Description	Documents
Data Template	View File
4.2	3156
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File
4.3 Total number of classrooms and seminar halls	352
4.4 Total number of computers in the campus for academic purpose	2760
4.5 Total expenditure excluding salary during the year (INR in lakhs)	17268.88
Part B	
CURRICULAR ASPECTS	
1.1 - Curriculum Design and Development	
1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific Outcomes(PSOs) and Course Outcomes(COs) of the Programmes offered by the University	
<p>Vels Institute of Science, Technology and Advanced Studies (VISTAS) is a multidisciplinary institution offers academic programmes at UG and PG levels with the approval of various governing bodies such as UGC, IMC, INC, PCI, BCI, AICTE, DGS & NCTE. The Curriculum incorporates Choice Based Credit System (CBCS) and Outcome Based Education (OBE), ensuring that its programme is aligned with the evolving needs of healthcare and other sectors.</p> <p>VISTAS has a well defined structure and procedure to create and design a new curriculum and revise the existing curriculum as suggested by the members of Board of Studies, Academic Council and the Board of Management. The Academic Council and Board of Management also contribute to curriculum design, ensuring a holistic perspective. These bodies have representatives of our stake holders.</p> <p>The Members of the above bodies ensure that the curriculum is designed in accordance with the Institution's vision, mission and also aimed to meet each department's POs, PSOs & COs, complying with their statutory requirements. They also ascertain that the curriculum of every programme align with the evolving needs of</p>	

healthcare and other sectors that has a relevance to local/national/regional/global health care needs.

Students receive experiential learning and academic instruction through industrial visits, eminent speaker lectures, workshops, conferences, Internships, and project work. VISTAS offers value-added courses to enhance the students' learning.

Students who have completed the NPTEL/SWAYAM courses are eligible for credit transfers.

File Description	Documents
Upload relevant supporting document	View File

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

29

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.1.3 - Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year

1.1.3.1 - Number of courses having focus on employability/ entrepreneurship/ skill development during the year

3683

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced of the total number of courses across all programs offered during the year

2391

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.2.2 - Number of Programmes in which Choice Based Credit System (CBCS)/elective course system has been implemented during the year

121

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

VISTAS considers that the purpose of education is to make each learner recognize their identity, understand the purpose in life through their connection and contribution to society, environment and to their fellow human beings.

Gender: The gender-related course gives students the skills for lifelong learning and allows them to investigate issues by teaching gender quality and bias-resistance.

Environment and Sustainability: These courses cover sustainability and environment. Environmental issues are ethical, cross-cultural, historical, and human-natural. This teaches kids about nature.

Human Values: Human values boost student self-esteem. Value education teaches service, Teaching trust, honesty, integrity, morality and dependability.

Ethics in the Workplace: These classes explain professional personal, business, and ethical standards. Codes of ethics help professionals work ethically. Business communication and soft skills, Equipment and Health Policy, Swachh Bharat, Unnat Bharat Abhiyan, NSS, Health camp, and other workshops were held to raise students awareness of cross-cutting concerns.

Health Determinant and Right to Health: Social, economic,

environmental, healthcare, and lifestyle aspects and individual factors affect health outcomes. This right to health promotes health equity and reduces population inequities. Recognition of health determinants and the right to health is essential for comprehensive well-being and a better society.

Emerging demography includes changes in age distribution, migration, and fertility. Globalisation, urbanisation, and technology cause population changes. In a fast changing world, authorities, corporations, and communities must understand and adapt to these changes to confront new issues and seize new possibilities.

File Description	Documents
Upload relevant supporting document	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

99

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.3 - Total number of students enrolled in the courses under 1.3.2 above

1.3.3.1 - Number of students enrolled in value-added courses imparting transferable and life skills offered during the year

10423

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.3.4 - Number of students undertaking field projects / research projects / internships during the year

12088

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

1.4 - Feedback System

1.4.1 - Structured feedback for design and review of syllabus – semester wise / is received from Students Teachers Employers Alumni

- All 4 of the above

File Description	Documents
Upload relevant supporting document	View File

1.4.2 - Feedback processes of the institution may be classified as follows

- Feedback collected, analysed and action taken and feedback available on website

File Description	Documents
Upload relevant supporting document	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Demand Ratio

2.1.1.1 - Number of seats available during the year

5108

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.1.2 - Total number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per applicable reservation policy during the year (Excluding Supernumerary Seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

3156

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

VISTAS pursues academic excellence by identifying the learning needs of students and catering to them using appropriate teaching learning methodologies. The student profile captured at the beginning of their programme enables faculty to understand their learning levels. Bridge Courses are conducted in schools of Engineering, Business Administration, Pharmacy, and HCM to bridge the knowledge, communication and cultural gap between school and college education.

Advanced Learners are encouraged to pursue courses on SWAYAM and credit transfer is done to students who successfully complete the courses. They are inspired to participate in summer internship Training programmes, Mini Projects, publish papers and file patents. They are appreciated for their performances with certificates, medals, cash awards, seed grants and scholarships. Vels Success Day is celebrated every year and Merit scholarships are provided to the toppers of all the programmes.

Remedial Classes are conducted for slow learners to help them improve their academics. Additional classes, learning materials, practice assignments, revision, and self-study materials are provided to improve their learning. The 'VELS Enrichment programme' also serves as a platform to enhance the understanding of slow learners. Feedback is received from students during the class committee meetings and pedagogical methods are enhanced to improve learning.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://vistas.ac.in/students/

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
13622	767

File Description	Documents
Upload relevant supporting document	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

VISTAS adopts various learning strategies including Experimental, Problem-based, Blended, Collaborative, Experiential, Evidence-based, and Interactive learning. Student-centric learning is emphasized through Learning and Knowledge Management Systems (LMS & KMS). MOOCs like MHRD’s Swayam, NPTEL, UGC-INFONET Digital Library, and NDL are accessible via Vels Knowledge Resource Centre. Blended and flipped learning enhance student engagement. VISTAS offers Library, Digital Library, Video Conferencing, Smart Classrooms, ICT Enabled Classrooms, Language Lab, Business Analytics, Cloud Computing, CADD Lab, 24/7 access to Resources, and Open Source Software Lab. Virtual Learning through IITM and IITK under Moodle program is facilitated. Additionally, there’s a local MHRD-NME-ICT Virtual Lab chapter through AmirtaVishwaVidyapeedam at VISTAS.

The Schools of Pharmacy and HCM offer MOOC-based online content on e-platforms. The institution is part of the FOSS Club, connecting with the open-source community. Teaching extends to social networks for interaction. WiFi-enabled campus grants access to central library resources. Simple experiments enhance science learning. Hands-on sessions use affordable materials for various disciplines. Education uses micro-teaching, evidence-based teaching. Management employs Role Play, News Hour, Business Plan. Industry tie-ups offer internships, enhancing employability. Various methodologies engage students in learning. Problem-solving skills are developed through projects, internships, and conferences, fostering innovation.

File Description	Documents
Upload relevant supporting document	View File

2.3.2 - Teachers use ICT enabled tools including online resources for effective teaching and learning processes during the year

The Teaching-Learning process in VISTAS is student-centric focusing on LMS, KMS, Blended Teaching, flipped classroom model and e-Resources through Moodle. Each Department is having ICT facilities like Laptops, Desktops and supporting gadgets, Internet facilities, Wi-Fi, online journal subscriptions, NPTEL, Swayam course enrollment, NDL resources etc. All the NDL e-Resources are linked with the cell phone of students/teachers who have registered themselves. Vels Subject Gateway Digital Portal provides access to MHRD Digital Initiatives such as SWAYAM, ePGPathsala, CEC, e-VidyaMitra, e-Kalpa, e- Acharya etc. Virtual Learning Centre and e-Knowledge Resource Centre are effectively feeding the students. VISTAS has embraced ICT revolution in education with open arms by equipping itself with 285 smart classrooms and each classroom has a LCD projector and LAN connectivity

Lecture Capturing System is facilitated through Moodle Platform. VISTAS LMS allows a student to learn at his/her pace by providing high quality technical video lecture at the disposal of students. Apart from the sophisticated and State-of-Art Laboratory equipment, VISTAS has Full Mission Bridge Simulator and Ship-in-campus for Marine and Nautical students. Parent corner is one such contemporary facility which provides the information about the students' academic performance, their attendance, fees dues and fees details to the parents.

File Description	Documents
Upload relevant supporting document	View File

2.3.3 - Ratio of students to mentor for academic and other related issues during the year

2.3.3.1 - Number of mentors

753

File Description	Documents
Upload relevant supporting document	View File

2.4 - Teacher Profile and Quality

2.4.1 - Total Number of full time teachers against sanctioned posts during the year

767

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.2 - Total Number of full time teachers with Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D’Lit. during the year

482

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.4.3 - Total teaching experience of full time teachers in the same institution during the year

2.4.3.1 - Total experience of full-time teachers

3704

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.4.4 - Total number of full time teachers who received awards, recognition, fellowships at State, National, International level from Government/Govt. recognised bodies during the year

294

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

11

2.5.1.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results year wise during the year

11

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	No File Uploaded

2.5.2 - Total number of student complaints/grievances about evaluation against total number appeared in the examinations during the year

119

File Description	Documents
Upload relevant supporting document	View File

2.5.3 - IT integration and reforms in the examination procedures and processes (continuous internal assessment and end-semester assessment) have brought in considerable improvement in examination management system of the institution

VISTAS has a well-structured Examination and Evaluation process. The performances of students are evaluated by both Continuous Internal Assessment(CIA) of 40% and an assessment of 60% at the End Semester Examinations(ESE).

The CIAs are conducted at the department level and question papers are diligently checked for quality in accordance with the course outcomes and knowledge levels. The ESE are conducted centrally by the office of COE and the entire process is IT integrated right from Generation of Examination application forms, payment of exam fees online, Hall ticket downloading online, Hall plan etc. Exam hall seat allocation is automated by mapping the registered candidates and courses and designed so that no two students having the same examination sit adjacent to each other. For medical and Allied health science courses, 4G Jammers, CCTV cameras installed in and around examination premises.

Students can apply for revaluation online within 10 days from the date of publication of results. Revaluation of answer scripts is done by an External faculty to ensure fairness and transparency. Onscreen valuation was also done for students of Vels Medical College and Hospital(VMCH) and as a results, the O/o the COE could send soft copy of answer scripts to the students who have applied

for soft copy of Answer scripts.

File Description	Documents
Upload relevant supporting document	View File

2.5.4 - Status of automation of Examination division along with approved Examination Manual

A. 100% automation of entire division & implementation of Examination Management System (EMS)

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.6 - Student Performance and Learning Outcomes

2.6.1 - The institution has stated learning outcomes (generic and programme specific)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents

All the programmes have well established graduate attributes defined in terms of Programme Educational Objectives (PEO), Programme Outcomes (PO) and Programme Specific Objective (PSO). The PEO, PO and PSO are linked to the vision and mission of the department and the Institution.

All the courses have well defined Course Outcomes (COs) that are mapped to the Program Outcomes (POs) based on the knowledge levels and correlation.

Direct and Indirect assessment methods are used to evaluate the attainment of CO and PO. The questions in Continuous Assessment Tests, Assignments and other evaluation methods are linked to the various CO's defined for the course.

Direct assessment of CO is determined from internal assessment methods (40%) and end semester examinations (60%). Indirect assessment methods include Course Exit Survey, and feedback from stake holders. 80% of Direct assessment and 20% of Indirect assessment actuate the total attainment.

The vision, mission, PEO, PO, PSO and the syllabus with CO defined for all the courses are available in the department webpage.

Faculty briefs the vision, mission, PEO, PO, PSO and CO to create awareness. The statements are visibly available at various places in the department for ready reference and familiarization by faculty and students.

File Description	Documents
Upload relevant supporting document	View File

2.6.2 - Attainment of Programme outcomes, Programme specific outcomes and course outcomes are evaluated by the institution during the year

The attainment of Course and Program Outcomes are done and evaluated by the respective departments and validated by the office of the Dean, Academic Courses.

The attainment of every CO's is calculated by the faculty at the end of every semester. Three levels of attainment are used,

Attainment level 1: Students who scored more than 40% of marks.

Attainment level 2: Students who scored more than 50% marks.

Attainment level 3: Students who scored more than 60% marks.

Direct attainment of CO is computed from the Continuous Internal Assessment (40%) and End semester examinations (60%). Every course also has a course exit survey conducted by teachers to evaluate the indirect attainment of CO's. Both direct and indirect attainment is used to compute the overall attainment. The PO/PSO Attainment for a course is calculated from the CO Attainment.

The overall POs/PSOs attained by a batch of students is calculated from the POs/PSOs attainment of all the courses studied by them through their programme and the feedback of stakeholders.

The attainment is evaluated by the Department Academic Committees and the Board of Studies. Appropriate actions such as new elective courses, Industrial Interaction, innovative teaching-learning methods are introduced to improve the attainment levels.

File Description	Documents
Upload relevant supporting document	View File

2.6.3 - Number of students passed during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

3822

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a web link)

<https://vistas.ac.in/wp-content/uploads/AY-2022-23-Report-of-Student-Satisfaction-Survey.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution Research facilities are frequently updated and there is well defined policy for promotion of research which is uploaded on the institutional website and implemented

The Higher Education Policy of Vels Institute of Science, Technology, and Advanced Studies (VISTAS) prioritizes the development of a strong entrepreneurial mindset, innovative ecosystem, and research culture. The institution recognizes that its reputation is shaped by the quality of intellectual scholarship, creativity and innovation outcomes, and promotion of entrepreneurship. VISTAS supports research through its Research Promotion Policy, which aims to encourage excellence in research, innovation, and entrepreneurship. The Board of Research Studies (BoRS) formulates research policies, and department heads coordinate research activities. Resources are allocated for research in various areas such as seed money, article publications, conference presentations, book publications, and patents. The institution provides incentives and awards to motivate faculty members, including Best Researcher Awards, incentives for publishing and patents, and support for attending international conferences. VISTAS also encourages consultancy projects and offers financial support for faculty membership in professional bodies. The institution promotes interdisciplinary research projects and has established a Central Instrumentation Lab to provide advanced research facilities. Additionally, VISTAS

has an Information Resource Center in the library to cater to the research needs of students and faculty members. Overall, VISTAS focuses on fostering a thriving research environment and providing the necessary resources and support for research activities.

File Description	Documents
Upload relevant supporting document	View File

3.1.2 - The institution provides seed money to its teachers for research (amount INR in Lakhs)

85.06

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.3 - Number of teachers receiving national/ international fellowship/financial support by various agencies for advanced studies/ research during the year

193

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.4 - Number of JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the year

117

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.1.5 - Institution has the following facilities to support research
Central Instrumentation
Centre Animal House/Green House Museum
Media laboratory/Studios Business Lab
Research/Statistical Databases Moot court

A. Any 4 or more of the above

Theatre Art Gallery

File Description	Documents
Upload relevant supporting document	View File

3.1.6 - Number of departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by national and international agencies during the year

48

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2 - Resource Mobilization for Research

3.2.1 - Extramural funding for Research (Grants sponsored by the non-government sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the year (INR in Lakhs)

500

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.2 - Grants for research projects sponsored by the government agencies during the year (INR in Lakhs)

375.47

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.2.3 - Number of research projects per teacher funded by government and non-government agencies during the year

0.173

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an eco-system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge

VISTAS has established an innovation ecosystem that encourages innovative ideas from faculty and students. The Institute Innovation Council (IIC) comprises Certified Innovation Ambassadors, IIC Members, Faculty Mentors, Pre-Incubation Units, Incubation Units, and an IP Facilitation Unit, all working towards promoting innovation and entrepreneurship. The Incubation Centre at VISTAS is a well-equipped facility that provides resources and funds for innovation and entrepreneurship initiatives. It focuses on areas such as Automations, IOT, Artificial Intelligence, and Information and Communication Technology. Notable products developed by the Incubation Center include an AI incorporated park cleaning robot, an IOT-based child safety system, a book lifting rover, and cost-effective emergency chargers. The Entrepreneurship Development Cell (EDC) at VISTAS organizes various activities to encourage and nurture the spirit of entrepreneurship among students and faculty. Additionally, VISTAS has introduced V Fund, a seed funding initiative specifically targeting women entrepreneurs. This program provides funding and support to innovative business proposals pitched by women entrepreneurs. The initiative has funded 12 women entrepreneurs from various domains, including optometry, healthcare, art, and manufacturing. These women entrepreneurs receive mentorship to expand their businesses and achieve growth. Overall, VISTAS is fully committed to fostering innovation and entrepreneurship through its various programs and resources.

File Description	Documents
Upload relevant supporting document	View File

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

275

3.3.2.1 - Total number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development year wise during the year

275

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.3.3 - Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students during the year

3.3.3.1 - Total number of awards / recognitions received for research/innovations won by institution/teachers/research scholars/students year wise during the year

406

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4 - Research Publications and Awards

3.4.1 - The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 - The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following

- 1. Inclusion of research ethics in the research methodology course work**
- 2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)**
- 3. Plagiarism check**
- 4. Research Advisory Committee**

A. All of the above

File Description	Documents
Upload relevant supporting document	View File

3.4.2 - The institution provides incentives to teachers who receive state, national and international recognitions/awards Commendation and monetary incentive at a University function Commendation and medal at a University function Certificate of honor Announcement in the Newsletter / website	A. All of the above
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File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.3 - Number of Patents published/awarded during the year

3.4.3.1 - Total number of Patents published/awarded year wise during the year

176

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.4 - Number of Ph.D's awarded per teacher during the year

3.4.4.1 - How many Ph.D's are awarded during the year

226

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.5 - Number of research papers per teacher in the Journals notified on UGC website during the year

444

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File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.6 - Number of books and chapters in edited volumes published per teacher during the year

3.4.6.1 - Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings during the year

657

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.7 - E-content is developed by teachers For e-PG-Pathshala For CEC (Under Graduate) For SWAYAM For other MOOCs platform For NPTEL/NMEICT/any other Government Initiatives For Institutional LMS

B. Any 4 of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.4.8 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Scopus	Web of Science
609	356

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.9 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

Scopus	Web of Science
44	33

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Institution has a policy on consultancy including revenue sharing between the institution and the individual and encourages its faculty to undertake consultancy

VISTAS is an educational institution that aims to leverage the talents of its faculty and students for the benefit of the economy and society. It supports consulting activities, which involve the transfer of knowledge and expertise outside the university. The University allows eligible faculty members to engage in consulting activities with written permission from the Registrar. The Registrar considers factors such as the compatibility of the activity with the faculty member's responsibilities, potential conflicts of interest, and the use of university resources when granting permission. Consultancy work is of a professional nature and involves faculty members using their expertise for clients outside the institution, typically with a financial return. The work is governed by short-term contracts, requires minimal use of college resources, and involves extra work for existing faculty members. The process for consultancy work involves proposal preparation, endorsement by the Registrar, and the responsible Principal Investigator (PI) handling the project account. The eligibility for undertaking consultancy work extends to faculty members, research scientists, and all employees of VISTAS. The consultancy fee is distributed based on different categories. Faculty members must ensure that their consultancy work does not create a conflict of interest with their regular university work.

File Description	Documents
Upload relevant supporting document	View File

3.5.2 - Revenue generated from consultancy and corporate training during the year (INR in Lakhs)

3.5.2.1 - Total amount generated from consultancy and corporate training during the year (INR in lakhs)

69.15

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6 - Extension Activities

3.6.1 - Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the year

Vels Institute of Science, Technology, and Advanced Studies (VISTAS) plays a crucial role in promoting the holistic development of students through extension activities that focus on social issues. The activities organized by clubs such as NSS, Rotaract, and Youth Red Cross go beyond the academic. Through these activities, students not only gain practical skills and knowledge about societal issues.

The NSS addresses health and hygiene issues, promoting tree plantation, and participating in the Swachh Bharat Abhiyan.

VISTAS focuses on environmental concerns by organizing tree plantation drives, awareness campaigns, and rallies on pollution prevention. Blood donation campaigns in collaboration with medical institutions and the Lions Club are organized to support blood banks.

During the COVID-19 pandemic, VISTAS collaborated with the Primary Health Center to conduct awareness programs, vaccination camps, and screening campaigns. They also distributed groceries and vegetables to support the community.

Furthermore, VISTAS promotes healthcare through ophthalmology and dental camps, blindness awareness campaigns, and multi-specialty medical campaigns. They also provide guidance to aspiring entrepreneurs and extend support to orphanages.

By engaging in these activities, VISTAS aims to foster

responsible, empathetic, and well-rounded individuals who contribute positively to society. The institution covers all the expenses.

File Description	Documents
Upload relevant supporting document	View File

3.6.2 - Number of awards received by the Institution, its teachers and students from Government /Government recognised bodies in recognition of the extension activities carried out during the year

3.6.2.1 - Total number of awards and recognition received for extension activities from Government / Government recognised bodies during the year

7

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.3 - Number of extension and outreach programs conducted by the institution including those through NSS/NCC/Red cross/YRC during the year(including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

100

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.6.4 - Total number of students participating in extension activities listed at 3.6.3 above during the year

33530

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

3.7.1.1 - Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students during the year

162

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

3.7.2 - Number of functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the year

40

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc.

The University has a total built-up area of 1, 15, 171 sq.m. and 1,53,508 sq.m was added for 2022-2023. The clean and green campus has all facilities such as Playgrounds, Hostels, IT Infrastructure including Wi-Fi facility, 24 hours Power backup, well equipped Centralized Library, Cafeteria, Bank, ATM and five Auditoriums (One open air theatre) with a capacity of 1500, 300, 150. Six air conditioned seminar halls with a seating capacity of 150 each are also available. There are 352 class rooms, 207 laboratories. Apart from the sophisticated and State-of-Art Laboratory equipment, we are having Full Mission Bridge Simulator and Ship-in-campus for Marine and Nautical students. Each Department has having ICT facilities like, Laptops, Desktops and supporting gadgets,

Internet facilities, Wi-Fi etc., There are nine hostels including two separate hostels for women students which can accommodate 3500 students. Hostels students are provided with TV, Yoga Hall, Indoor Games, Wi-Fi facilities, power backup, 24hrs medical facilities and RO water and Internet enabled Surveillance cameras. The University believes in continuous up-gradation of infrastructure including Library, Power backup, Internet bandwidth, Classrooms, furniture, etc., to meet the changing needs of academic environment.

File Description	Documents
Upload relevant supporting document	View File

4.1.2 - The institution has adequate facilities for cultural activities, yoga, games (indoor, outdoor) and sports. (gymnasium, yoga centre, auditorium, etc.)

Cultural Activities

Cultural Events are helpful for the students to understand, and value the diverse background of the students. A number of events are organized to promote cultural activities. Students are permitted to participate in events organized by institutions in Tamil Nadu and other Southern States. An open air auditorium named as Velan Arangam with a seating capacity of 4000 is within the University campus to promote cultural activities.

Sports facilities available in our campus are given below

Description of Sports / Games

Area / size (Mts)

Year of Establishment

User details rate

Throw ball Court -1

25 X 20

2006

100%

Football Field - 1

100 X 50

2007

100%

Ball Badminton Court

30 X 25

2007

100%

100 mtrs Track - 1

115 X 60

2007

100%

200 mtrs Track - 1

115 X 60

2007

100%

Volleyball Court - 1

30 X 20

2008

100%

Basketball Court - 1

36 X 20

2008

100%

Indoor Games - 1

40 X 20

2008

100%

Kabaddi Court - 1

21 X 20

2008

100%

Cricket Field - 1

111 X 55

2008

100%

Fitness Centre (gymnasium) - 1

21 X 9

2008

100%

Football Field - 2

110 X 54

2010

100%

Basketball Court - 2

36 X 20

2010

100%

Cricket Field - 2

111 X 55

2021

100%

100 mtrs Track - 2

115 X 60

2010

100%

200 mtrs Track - 2

115 X 60

2010

100%

Kabaddi Court - 2

21 X 20

2010

100%

Volleyball Court - 2

30 X 20

2010

100%

Throw ball Court - 2

25 X 20

2010

100%

Indoor Games - 2

40 X 20

2010

100%

Fitness Centre (gymnasium) - 2

21 X 9

2010

100%

Cricket Practice Pitch - 3 Nets

10 X 25

2015

100%

Yoga Centre - 1

30 X 15

2016

100%

Yoga Centre - 2

30 X 15

2018

100%

Football Field - 3

110 X 54

2021

100%

Cricket Field - 3

232 X 109

2021

100%

Fitness Centre for Men (gymnasium) - 3

21 X 9

2021

100%

Fitness Centre for Women (gymnasium) - 4

21 X 9

2021

100%

100 mtrs Track - 3

115 X 60

2021

100%

200 mtrs Track - 3

115 X 60

2021

100%

400 mtrs Track - 1

232 X 109

2021

100%

Kabaddi Court - 3

21 X 20

2021

100%

Volleyball Court - 3

30 X 20

2021

100%

Throw ball Court - 3

25 X 20

2021

100%

Indoor Games - 3

40 X 20

2021

100%

Yoga Centre - 3

30 X 15

2021

100%

File Description	Documents
Upload relevant supporting document	View File

4.1.3 - Availability of general campus facilities and overall ambience

- **The Vinayaga Temple**
- **The Statue of Puratchi Thalaiver Dr. M. G. Ramachandran**
- **Sports Complex**
- **Freshness and Fitness Center:** The center is a gift to all employees and students. It has all types of exercising machines.
- **Auditoriums:** There are five air conditioned auditoriums located in the campus with capacities of 200 to 1500 seats. One Open Air Auditorium with a capacity of 3000.
- **Health Center:** A health center provides OPD treatments to employees and students of the university. The consulting physician and super specialists are also on the panel and remain available on specific weekdays.
- **Canteen and Refreshment Parlor:** Two canteens and an ice-cream parlor are providing quality snacks and nourishments.
- **LED Lighting:** At every sunset, the campus illuminates with beautiful LED lights
- **Banking Facilities:** A branch of Equitas Small Finance Bank and ATM full-fill the financial needs.
- **Hostels:** There three boys hostels and two girls hostels on the campus provide secured accommodation to the students on the campus. Separate hostel facility for international students.
- **Guest House:** One storeyed air conditioned Guest house provides accommodation to visiting guests.

- **Staff Quarters:** Multi-storeyed residential flats provide accommodation to teaching and non-teaching employees.

File Description	Documents
Upload relevant supporting document	View File

4.1.4 - Total expenditure excluding salary for infrastructure augmentation during the year (INR in Lakhs)

6305.56

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS) and has digitisation facility

Library

VISTAS Library provides world-class knowledge resources that not only cater to the curricular requirements but also provide intellectual enquiry and research. The Library provides access to wide range of electronic resources via the web which are accessible both on and off campus. These sources include Electronic Journals & Books, Printed Journals & Books, Bibliographic Databases and Full text services. The library is automated with LIBGENIE, an Integrated Library Management Software Package, with all modules. The traditional library is transformed into an automated library which includes Online Public Access Catalogue (OPAC) and Bar-coding system for Books, Non-Book Materials and ID cards to enable Laser Scanning of Issues and Returns. Touch Screen User Interface Design is established for an interactive library. The library is air conditioned and CCTV surveillance for 24/7.

Vision:

"To provide Physical and Virtual Environments, Services and

Resources that meets the diverse needs of the Academic Community”.

Mission:

“To give maximum information, maximum number of time by maximum possible ways in minimum time”

File Description	Documents
Upload relevant supporting document	View File

4.2.2 - Institution has subscription for e-Library resources Library has regular subscription for the following: e – journals e-books e-ShodhSindhu Shodhganga Databases

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

4.2.3 - Annual expenditure for purchase of books/ e-books and subscription to journals/e-journals during the year (INR in Lakhs)

98.36

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.2.4 - Number of usage of library by teachers and students per day (foot falls and login data for online access)

3298

File Description	Documents
Upload relevant supporting document	View File

4.3 - IT Infrastructure

4.3.1 - Number of classrooms and seminar halls with ICT - enabled facilities such as LCD, smart board, Wi-Fi/LAN, audio video recording facilities during the year

352

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.3.2 - Institution has an IT policy, makes appropriate budgetary provision and updates its IT facilities including Wi-Fi facility

- VISTAS has a policy to focus conveniently to create and enhance IT Infrastructure facilities to promote research and also advancement in Teaching Learning methods.
- A centralized server that is operational 24/7 is maintained in cloud regularly to provide uninterrupted IT services for students and staff. The institution has firewalls in place to prevent hacking and cybercrime.
- The LAN firewall provides limited access thereby protecting sensitive data. All the data is maintained in the centralized server to prevent data loss. Adequate measures are taken to prevent the risk of data corruption. Protection against hacking and other information security threats is also ensured.

Number of systems with individual configurations

- Desktop (Intel i7, Intel i5, Intel i3 processor with 4-8GB RAM and 1TB Hard disk).
- Laptop (i3 Processor with 2-4GB RAM with 1 TB Hard disk)

Dedicated computing facilities

1. Internet in All Computer Labs
2. Internet in Guest House
3. Wi-Fi in All Hostels
4. Audio Visual

LAN facility

- VISTAS has Wi-Fi facility for students and faculty members to avail internet connection in the campus, hostel & staff quarters. The connectivity through a fully networked campus with state-of-the-art IT infrastructure, computing & communication resources, besides helping them in preparing projects & seminars.

File Description	Documents
Upload relevant supporting document	View File

4.3.3 - Student - Computer ratio during the year

Number of students	Number of Computers available to students for academic purposes
13622	2760

4.3.4 - Available bandwidth of internet connection in the Institution (Leased line)

- ~1 GBPS

File Description	Documents
Upload relevant supporting document	View File

4.3.5 - Institution has the following Facilities for e-content development Media centre Audio visual centre Lecture Capturing System(LCS) Mixing equipment's and softwares for editing

A. All of the above

File Description	Documents
Upload relevant supporting document	View File
Upload the data template	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component during the year

5033.03

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

ERP: VISTAS has a centralized ERP system in which complaints related to physical and academic support facilities are raised by the HODs. 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 library. It meets periodically and discusses about efficient functioning of the library and its utilities.

Computer Laboratory: 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 etc.,

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 transport facility is carried out on the campus by the team of dedicated bus drivers and technicians. 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	Documents
Upload relevant supporting document	View File

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Total number of students benefited by scholarships and free ships provided by the institution, Government and non-government agencies (NGOs) during the year (other than the students receiving scholarships under the government schemes for reserved categories)

9943

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.2 - Total number of students benefited by career counselling and guidance for competitive examinations offered by the Institution during the year

12158

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.3 - Following Capacity development and skills enhancement initiatives are taken by the institution Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) Awareness of trends in technology

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.1.4 - The Institution adopts the following for redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organisation wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students'

• All of the above

grievances Timely redressal of the grievances through appropriate committees

File Description	Documents
Upload relevant supporting document	View File

5.2 - Student Progression

5.2.1 - Number of students qualifying in state/ national/ international level examinations during the year (eg:NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

5.2.1.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

17

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.2 - Total number of placement of outgoing students during the year

3091

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.2.3 - Number of recently graduated students who have progressed to higher education (previous graduating batch) during the year

360

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter -university/state/national/international events (award for a team event should be counted as one) during the year

79

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.3.2 - Presence of Student Council and its activities for institutional development and student welfare

Student representatives participate as members in the following committees for decision making:

S. No.

Name of the Committee

Year of Inception

Total

Members

Student

Representation

1

Anti-Ragging Committee

2008-2009

25

5

2

Students Affairs Advisory Committee

2008-2009

16

3

3

Internal Complaint Committee (Sexual Harassment Committee)

2008-2009

10

4

4

Grievance Redressal Committee

2008-2009

10

2

5

Sports Committee

2009-2010

13

2

6

Hostel Advisory Committee

2009-2010

10

3

7

SC/ST/OBC Grievance Committee

2011-2012

8

3

8

Cultural Committee

2012-2013

15

8

9

Women Welfare Committee

2012-2013

10

2

10

Equal Opportunity Cell

2019-2020

8

2

11

Gender Sensitization cell

2020-2021

10

File Description	Documents
Upload relevant supporting document	View File

5.3.3 - Number of sports and cultural events / competitions organised by the institution during the year

62

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and other support services during the year

VELS ALUMNI ASSOCIATION, a registered association under the Tamil Nadu Societies Registration Rules, 1978, with registration number 77 / 2005, commenced functioning on 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 enrich the curricular, co-curricular and extra curricular activities. 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. The distinguished alumni from various disciplines were recognized and awarded for their excellence in their respective field. With the help of NSS unit and Youth Red Cross of VELS, the VELS ALUMNI ASSOCIATION is organizing the Blood donation Camp every year. The departments are utilizing the intellectual assets of the alumni members by means of organizing guest lectures, industrial visits, and inductive learning through interaction. The alumnus actively participates in framing the curriculum structure to bridge the gap between industry and academia.

File Description	Documents
Upload relevant supporting document	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

A. ? 5Lakhs

File Description	Documents
Upload relevant supporting document	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The institution has a clearly stated vision and mission which are reflected in its academic and administrative governance

The Vice-Chancellor is the Principal Executive Officer, Chairman of the Board of Management, Academic Council and all other statutory bodies. The regulations of the UGC are diligently observed and he ensures the implementation of all the Acts and Statutes of the Institution. He has the power to exercise, control and supervise all officers of the Institution apart from both teaching and non-teaching employees. In the academics and administration, he is assisted by the Deans, Directors and Heads of various Departments, Registrar, Finance Officer, Controller of Examinations, Dean of Student Affairs, Dean of Faculties, Campus Civil/Mechanical/Electrical Engineers, Medical Officer etc., besides several committees with various stakeholders. The Board of Studies (BOS) mandates all the academic decisions which in turn is approved by the Academic Council. All major decisions are placed for the consideration of the BoM. Three faculty members serve on the BOM and more than 90 % of Academic council members are VISTAS faculty. The members ensure that appropriate curricular and extracurricular activities are also conducted and facilitates programs and actions whereby skill enhancement and hands on training to students are imparted. He emphasizes the need of original and innovative research and facilitates the necessary ambience for the same.

File Description	Documents
Upload relevant supporting document	View File

6.1.2 - The effective leadership is reflected in various institutional practices such as

decentralization and participative management

The annual financial budget is planned by bottom - up approach where the department heads propose the requirement and it is presented before a committee headed by the Pro-Chancellor (Planning and Development) ,Vice Chancellor, Registrar and Chief Financial Officer .The Committee scrutinizes the requirements under various heads and the sanctioned budget order is communicated to the department heads to implement various activities and raise the Internal Memorandum for purchase of any material prior to the commencement of academic year .The consolidated outcomes of Class committee meetings held every month end is received and is analyzed by the Pro-Chancellor. This class committee is similar to quality circles with voluntary participation of students under various heads like Curricular, Infrastructure, Sports, Cultural and Co-curricular aspects of the Institute through the Heads of Various departments. The suggestions as per the requirements of these quality circles are then implemented. Self-Managed teams are created for all events in the Institute consisting of Faculty and students connected virtually for smooth functioning and quick information sharing. Various committees (Nearly 25) chaired by Faculty and students to help in the holistic growth of the institution like Women Welfare Committee, Internal Complaints Committee, Sports Committee, Cultural Committee etc functioning in full-fledged manner.

File Description	Documents
Upload relevant supporting document	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic plan is effectively deployed

The strategic plans are inclined towards Sustainable development of the society .The Real time societal problems are identified and Research scholars, Post-doctoral fellows ,Junior research fellows , Project Assistants, PG students are formed into IPR groups related to national priorities and Policies . Critical areas were identified and qualified mentors were assigned to monitor each of such groups. Each IPR group is benchmarked with the number of IPRs based on the number of persons in the group. List of new ideas, journals and conferences were provided to the group for their assistance based on their domain, in which they can come out with a patent or a Scopus /WOS Publication. A research group is

allotted a senior professor to streamline the Patents and publications. After completion of projects each member should file a Patent or publish at least one article in a Scopus Indexed or Web of Science journal or referred journal, which promotes a healthy research culture. Further, research guidelines are passed that every department has to conduct one national conference per year and an International conference once every two years. The Vice Chancellor and Pro- Vice Chancellor motivates the Deans, Directors and HODs to create a research culture in their department and to encourage all the research works to be converted into Patents and research articles. Interdisciplinary projects are being carried out by a combination of faculty from Engineering, Agriculture and Management Studies.

File Description	Documents
Upload relevant supporting document	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

VISTAS is managed by a team of able, vibrant and agile leaders. The Administrative machinery administers through a decentralized setup. The Registrar, Deputy Registrars, Assistant Registrars, Financial Officers are involved in decentralized administration. All the administrative functions come under the overall control of the Registrar. The Policy & Procedure Manual is a comprehensive set of Policies and Procedure Instructions has been laid down in the subsequent pages of this Manual which aims at attracting, retaining and motivating staff to achieve higher goals and attain greater opportunities for advancement in their career with the Institution. VISTAS faculty has the extent of awareness about the promotional policy and the academic freedom and the ethical standards. Employee E service Portal: e Governance: VISTAS has tied up e-Varsity - ERP to ensure digitization of all its data with respect to Students, Faculty and Non Faculty in its campuses. The Profile of the Faculty and Non Faculty is maintained in a digital mode in the e-Varsity portal .The faculty profile is maintained in an electronic manner: The functions of the statutory bodies and the Service Rules, Procedures, Recruitment and policies are provided in the link for additional information. The Grievance Redressal mechanism is through <http://www.velsuniv.ac.in/Grievance-Redressal-Committee.pdf>

File Description	Documents
Upload relevant supporting document	View File

6.2.3 - Institution Implements e-governance in its areas of operations

6.2.3.1 - e-governance is implemented covering following areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

A. All of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has a performance appraisal system, promotional avenues and effective welfare measures for teaching and non-teaching staff

360 degree performance appraisal system is followed .A self-appraisal form is first submitted as the Institute has a very transparent appraisal system. The appraisal system covers all the aspects of academic, administrative and research activities of the faculty. The factors for appraisal are listed below: Teaching Assignment, Mentoring & Guidance, Journal Publication, Conference Publication, Research Project, Award Honors / Recognition, Professional Membership, Administration Support Services, Organizing Events, Accreditation Activities and Consultancy. This self-appraisal is entered in the ERP and the HoD verifies the credentials and approves it based on the proofs submitted. In addition to the above, faculty are rated by students through an online feedback system. Some sort of recognition and approvals either by written or oral from other stakeholders like members of professional bodies ,Industry or External experts are also considered for the appraisal .Finally the individual is bestowed with increment and Promotion .For faculty who do not reach the targets are given feedback about the performance and the scope for improvement. VISTAS apprises non-teaching staff so that they show active participation in day today activities. They are rewarded in

terms of appreciation and incentives. Employees are viewed as assets their welfare is the top most priority of Governance.

File Description	Documents
Upload relevant supporting document	View File

6.3.2 - Total number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

484

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.3 - Number of professional development / administrative training Programmes organized by the institution for teaching and non-teaching staff during the year

34

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.3.4 - Total number of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the year(Professional Development Programmes, Orientation / Induction Programmes Refresher Course, Short Term Course)

290

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4 - Financial Management and Resource Mobilization

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

The resource mobilization is by Tuition fees, faculty projects

funds, Bankers, Interest earned from investment in form of Bank Deposits, Earnings from training or workshop and Consultancy services to Industries. VISTAS is making all efforts to raise resources by rationalizing tuition fees and other fees as and when the need arises. We are deploying our resources in a manner which subscribes to norms of financial prudence within the framework of the General Financial Rules. The purchase processes in the procurement of equipment and creation of infrastructural facilities, is approved by the BOM. The Finance Committee which reports to the BOM of the Institute examines the budget of the Institute proposed by the Deans/ HoD's of various schools/Departments and considers proposals for new expenditure and makes suitable recommendations to the Council. The committee also reviews the finances of the Institute periodically and all major capital construction works approved by the Council are regulated and monitored by the Building and Works Committee. It is entrusted to cause preparation of estimates of cost of buildings and other capital works, minor works, repairs, maintenance and the like wherein responsible for enlistment of suitable contractors for procurement of material and other services.

File Description	Documents
Upload relevant supporting document	View File

6.4.2 - Funds / Grants received from government bodies during the year for development and maintenance of infrastructure (not covered under Criteria III and V) (INR in Lakhs)

0

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.3 - Funds / Grants received from non-government bodies, individuals, philanthropists during the year for development and maintenance of infrastructure (not covered under Criteria III and V)(INR in Lakhs)

5,00,429,627

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.4.4 - Institution conducts internal and external financial audits regularly

VISTAS have qualified Chartered Accountants (internal Auditors) to supervise the Internal Audit Functions and they ensure that all the procedures and guidelines set by the Board of Management are strictly followed while carrying out the transactions. The internal auditors also ensure that the transactions are carried out in the ERP and participate in the purchases initiated by the respective Dean / Directors of the faculty.

VISTAS accounts are audited regularly by both internal and statutory auditsInternal audit by external auditors are carried on regularly. The annual accounts are prepared, published and audited by our statutory Auditors, M/s Vairavanathan & Co, Chartered Accounts, and Chennai. Internal auditors were M/s N K Rajendran & Chartered Accounts, Chennai No Major findings/ objections. Audit observations are compiled after detailed scrutiny to the satisfaction of the audit team and precautionary steps taken to avoid recurrence of such errors in future. Resources have been permanently appointed and a team of staff under External Auditor do a thorough check and verification of the vouchers of the transaction that are carried out in each financial year. Likewise external audit is also carried out elaborately and the Books of Accounts are certified.

File Description	Documents
Upload relevant supporting document	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes by constantly reviewing the teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals

IQAC of our Institution has paved the way for the development of e-content by our own experienced faculty members. The move was welcomed and set up by M/S Edutech. The unit will capture the lecture of the faculty handling the class. Later, the content can be edited and the module can be stored in the MOODLE platform. The

feedback on the courses developed has a positive response and impact.

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

The Academic Audit questionnaire containing of 52 indicators needs to be filled by the Heads of Departments and the necessary supporting documents has to be made ready before the audit and the vouched transactions are reported to IQAC on the same day including 32 items related to Examination. The reports of all the Departments are consolidated and analyzed. The same is discussed in the IQAC meeting. The Corrective measures which have to be taken are passed on the concerned Department and they are encouraged to rectify the same. The Outcome of the Academic and Administrative Audit is discussed and passed in the Board of Management and appropriate remedial actions are taken. Verifying quality of research papers, coordination of all accreditation and ranking initiatives are done by IQAC.

File Description	Documents
Upload relevant supporting document	View File

6.5.2 - Institution has adopted the following for Quality assurance Academic Administrative Audit (AAA) and follow up action taken Conferences, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and students Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. Any 5 or all of the above

File Description	Documents
Upload the data template	View File
Upload relevant supporting document	View File

6.5.3 - Incremental improvements made for the preceding during the year with regard to quality (in

case of first cycle) Post accreditation quality initiatives(second and subsequent cycles)

Since the last accreditation by NAAC in March 2019, VISTAS has improved the performance as listed below:

S.No.

Parameter

During the Visit of NAAC Peer Team (March 2019)

2022-23

(Last five years)

1

Number of faculty with Ph.D.,

251

381

2

Number of faculty with NET / SET

75

92

3

PhDs Awarded in last five years

207

847

4

Number of Publications

4a

UGC approved

1123

1603

4b

Book published

69

1899

4c

Papers Presented

920

2569

5

Seminars / Conferences / Workshops / FDP attended by the faculty members

2494

17916

6

Number of MoUs (Last 5 years)

6a

National

181

249

6b

International

34

41

7

Patents Published

46

332

8

Patents Awarded

1

83

9

Income through Consultancy

Rs.72,01,600/-

2.82 Crores

10

Research Projects Completed

Rs.1.89 Crores 16 Numbers

Rs.5.86 Crores

32 Numbers

S.No.

Parameter

During the Visit of NAAC Peer Team (March 2019)

2022-23

(Last five years)

11

Research Projects - Ongoing

Rs.3.08 Crores

10 Numbers

Rs.6.34 Crores

26 Numbers

12

Research projects - Submitted

Rs 96.04 Crores

214 Numbers

128.85 Crores

478 Numbers

13a

NIRF Ranking for Pharmacy

52 (2019)

47 (2023)

13b

NIRF Ranking for Engineering

-

Rank Band

101-150

13c

NIRF Ranking for University

Rank Band

151-200

Rank Band

101-150

13d

NIRF Ranking for Innovation

-

Rank Band

51-100

14

NBA Accreditation

Nil

11 Programmes

15

Total Build-up area

1,08,329 sq.m

2,66,510

File Description	Documents
Upload relevant supporting document	View File

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 year

Higher educational institutes like a University plays a vital role in promoting the equality and justice in the minds of younger generation of our country. Promoting equity self confidence and economic freedom through education has always been the mission of VISTAS.

VISTAS, through its dedicated faculty committed for

- Inculcating Universal Human Values among the Students
- To impart society living , brotherly hood and ethics in the minds of Men and Women
- Conducting regular awareness-raising activities with our culture of high respect for women
- To raise awareness among females regarding issues concerning women
- Promoting communications with respect to Women Rights and Gender equality and psychological counselors to improve self confidence
- A network of gender equality advisers facilitated by our Gender sensitization cell.

Institution shows gender sensitivity in providing facilities such as

a) Safety and Security

b) Counseling

c) Common Room for Boys & Girls

d) Day care centre for the children of the staff

File Description	Documents
Upload relevant supporting document	View File
Annual gender sensitization action plan(s)	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common rooms d. Daycare Centre e. Any other relevant information	https://vistas.ac.in/criteria-vii/7-1-1-geo-tagged

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	A. Any 4 or All of the above
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File Description	Documents
Upload relevant supporting document	View File

<p>7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management</p> <p>Solid Waste Management: The solid waste management is carried out at two different levels namely one at the hostel and other at the classrooms & administrative offices. The administrative supervisor in each block ensures that the waste in each floor is collected at designated time intervals. The segregated waste are taken to the dumping yard provided by the institution. The organic waste generated from mess and canteen are sent to Biogas plant and biogases generated are used for cooking purposes.</p> <p>Liquid Waste management : Drinking water facility is arranged in every building of the campus. Wastage of drinking water is minimized through proper counseling. Drained water is utilized for plants and to maintain the greenery in the campus. Proper drainage system is arranged for all the buildings of the campus</p> <p>e-waste management : E-waste is collected on a regular basis at</p>
--

the source and transported to an e-waste storage facility and disposed using an authorized vendor.

Biomedical Waste Management : VISTAS has signed a Biomedical waste disposal agreement with GJ Multiclave (India) Pvt Ltd .The Biomedical waste generated in various laboratories and animal house are collected in different color coded bins and disposed through G J Multiclave (India) Pvt Ltd

File Description	Documents
Upload relevant supporting document	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

A. Any 4 or All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

File Description	Documents
Upload relevant supporting document	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment Ramps/lifts for easy access to classrooms and centres. Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words)

VISTAS students and faculty come from a wide range of cultural. VISTAS is committed to maintaining a culture of celebrating diversity that fosters greater harmony among students and staff. Our slogan is 'Home away from home,' and fostering a harmonious learning community is our top priority.

Teachers Day: Every year on September 5th, Former President Dr. Radha Krishnan's birthday is commemorated as Teachers Day to inspire and empower VISTAS teachers.

Women's day celebrations: Every year on March 8th, VISTAS honours and celebrates the accomplishments of women in a variety of fields.

Festivals like Pongal, Onam, Christmas, Ganesh Chaturthi, Ayudha pooja are celebrated in the campus

International Mother Language Day is being celebrated by VISTAS as a mark of respect and recognition for vernacular students.

Muthamizh Vizha is a famous event hosted by Tamil department. Vels Nakshathra: VISTAS holds a mega culfest event called VELS NAKSHATHRA every year across the country to instill skills and art halts in every student.

Vels Family Day is a significant annual event held on the birthday of our Founder Chairman, Dr. Ishari K Ganesh. It is a day of celebration for all members of the Vels family, including teachers, nonteaching staff, and others.

File Description	Documents
Upload relevant supporting document	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

VISTAS offers a variety of programmes that educate students and faculty about their constitutional responsibilities, such as citizens' values, rights, duties, and responsibilities.

National Voters' day: VISTAS observes National Voters' Day every year on January 25. The celebration's goal is to encourage newly qualified voters to vote and to boost voter participation

Village Adoption: Our NSS volunteers have adopted the village of KOVILAMBAKKAM and are engaged in its comprehensive development.

World Environment Day The World Environment Day is celebrated across the world on 5th June every year. This year's campaign is celebrated under the theme Only One Earth with the focus on living sustainably in harmony with nature.

Special Medical camp: VISTAS NSS units and VMCH conduct various medical camps in the villages. Speciality medical camps for Antenatal care, Anaemia Screening, Opthomology, ENT, Pathology are regularly conducted.

The students are encouraged to volunteer themselves in blood donation, organ donation and tree plantation drives.

Awareness rallies on Ban on plastics, Say no to Drugs, Aids Awareness, Cancer awareness were conducted to create awareness among the general public.

The VMCH has adopted various families in nearby villages under family adoption program to assist in their medical care needs.

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. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on Code of Conduct are organized

All of the above

File Description	Documents
Upload relevant supporting document	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

VISTAS enthusiastically celebrates India's rich cultural heritage, great leaders and heroes on national festivals and birth/death anniversaries.

Republic day: Republic Day is observed annually by VISTAS on January 26 by hoisting the national flag.

Independence Day The Vice Chancellor raises the national flag every year on August 15 to commemorate the independence of the country from British colonial rule.

International Yoga Day: VISTAS celebrated International Yoga Day on June 21, 2022 and our students performed the Utkatasana (chair pose) which was declared as Online World Record by an International Adjudicator.

World Pharmacist Day: The World Pharmacists' Day has been celebrated on September 25. The theme for 2022 was "Pharmacy united in action for a healthier world"

World Physiotherapy Day: Every year on September 8th, World Physiotherapy Day is held to increase awareness about physical health and to highlight the importance of physiotherapists.

National Science Day: It is an annual celebration observed on 28th February to commemorate the discovery of the Raman Effect, for which the Indian physicist C.V. Raman won the Nobel Prize.

The institute also celebrates the following days World Tuberculosis Day, World Health Day, World Water Day, UN World Environmental Day, World Cancer Day etc.,

File Description	Documents
Upload relevant supporting document	View File

7.2 - Best Practices

7.2.1 - Describe one best practice successfully implemented by the Institution as per NAAC format provided in the Manual

1. Title of the Practice

Institute Industry Interaction

2. Objectives of the Practice

The objective is to enable the Undergraduate and Postgraduate students of VISTAS employable in the Industries and to develop enough skill to start their own business.

3. The Context

Industries do not want to spend their resources on training the students Industries do not allocate enough budget for in-house R&D Industries prefer to import and market the products instead of manufacturing the products. Training the faculty to teach courses relevant to Industries Absence of aptitude to industry related modern courses

4. The Practice

VISTAS has signed MoU with large number of Industries. For each MoU, a Single Point of Contact. (SPoC) is identified and the goals of MoU are realized. The progress of the activities are monitored by IQAC periodically.

5. Evidence of Success

Due to internship at Industries, students are automatically placed. Faculty with PhD degree are busy with consultancy projects, thus offering solutions to Industries PhD scholars take up real field problem as topic of research. Real time data is made available for meaningful research.

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Institute Distinctiveness

Women Empowerment - A Propulsive Voice to change the world

Women's empowerment refers to promoting women's sense of self-worth, their ability to determine their own choices, and their right to influence social change for themselves and others. Recognizing its privileged position as a premier institute of higher learning, Vels Institute of Science, Technology, and Advanced Studies (VISTAS), makes consistent efforts to fulfill its social responsibility toward the downtrodden sections of society. VISTAS has implemented & followed the various strategies to empower women as follows,

1. Women in Governance: Encouraging women in leadership positions in both academic & non-academic governance.
2. Maternity Scheme in VMCH: Complete medical benefits free of cost for antenatal mothers.
3. V Fund to develop women entrepreneurs: Interest-free funding support to three budding women entrepreneurs every year.
4. Self-Help Bazaar to sell products: Organizes a women's self-help group workshop & university bazaar for women entrepreneurs, every year.
5. Women Achiever Awards during Women's Day celebrations: Every year we organize the International Women's Day celebration & confer the "Vels Women Achiever Award" to the deserving women achievers.
6. Women's Training programs: Women's training programs are organized to develop skills and utilize localized resources by villagers.

7.3.2 - Plan of action for the next academic year

Plan of action for the next academic year

1. To attain NAAC A++
2. To motivate each teaching staff to publish every year atleast two paper in SCOPUS indexed journal which increases the citation Index and H-Index and to reward them appropriately
3. To realise 500 lakhs worth Projects from Government and Non Government funding agencies
4. To file a minimum of 100 patents and to get it published. To tap for International Patents
5. Strengthening infrastructure by building a new block
6. Encourage student innovations through Technology Business Incubator (TBI).
7. To start twinning / dual degree programwith QS Top 1000 foreign universities for all disciplines and student exchange programs
8. Implement CAS in ERP
9. To obtain NBA accreditation for 4 new programs