YEARLY STATUS REPORT - 2021-2022

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, Pallavaram

- 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/wp-content/uploads/2023/04/AQAR-2020-2021.pdf

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/Calendar-2021-2022.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?

No

- If yes, mention the amount

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

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), etc.	All the faculty members were acquainted with OBE, ABC
To provide hands on training for Non teaching staff on computer based tools	A hands on workshop was conducted for the technical staff and everyone who attended were evaluated
To Mentor Institutions to go ahead with NAAC, NBA and NIRF	Mentored Tamil Nadu Teacher Education University (TNTEU) and Sri Venkateashwara Dental College & Hospital (SVDCH) in applying for NAAC

13.Whether the AQAR was placed before

Yes

statutory body?

- Name of the statutory body

Name	Date of meeting(s)
Board of Management	04/11/2022

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

16-10-2023 11:04:38

Part A	
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• Designation	**Vice Chancellor**
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• Mobile no	**9962506344**
• Registered e-mail	**vc@vistas.ac.in**
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• Mobile	**9787115195**

• IQAC e-mail address	director.iqac@velsuniv.ac.in
• Alternate Email address	arun.se@velsuniv.ac.in
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- Name of the statutory body

Name	Date of meeting(s)
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15.Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	15/02/2023

16.Multidisciplinary / interdisciplinary

VISTAS, being a multi disciplinary Institution provides ample opportunities for students and faculty to enable and equip themselves in various disciplines and domains. Interdisciplinary programmes such as Bioengineering, Bioinformatics, Biotechnology, Pharmaceutical Analytical Chemistry, Electronics and Computer Engineering, Robotics and Automation, Automobile Engineering etc., are offered at VISTAS. Courses on basic life skills, ethics, Environmental issues, Gender sensitivity, 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.

The choice-based credit system and open elective system provides option for students to choose their elective course across disciplines. Value added courses are conducted at VISTAS to equip the students with the latest technological advancements.

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 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 is registered with ABC 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.

Students admitted from 2021-22 have been informed to register themselves in Digilocker-NAD through http://digilocker.gov.in or by DigiLocker mobile application. 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 recognised by UGC/AICTE and earn credits for credits transfer in lieu of any VISTAS course.

18.Skill development:

The various programmes offered at VISTAS are highly experiential, exposing students to different perspectives, places, organizations, and challenges often at a global scale. Students in VISTAS are equipped to be Industry ready at the end of their study through the various skill development initiatives such as bridge courses, value added courses, placement training, entrepreneurship development trainings etc.,

Value Added Courses, Guest lectures, Seminars and workshops are

organized in collaboration with Industries to enhance the technical and domain specific skills. Internships and on the job trainings are mandatory in many of the programmes enabling students to develop their skills in an working environment.

Career guidance and training in soft skills are integrated into the curriculum right from the start of their study. These credit courses are on personality development are progressive and teach communication skills, life skills, leadership qualities, analytical skills, interview skills, and interpersonal skills to help improve their confidence, knowledge, skill, and aptitude. Comprehensive placement training is provided for students to help them develop in their competitive and discipline specific skills.

VISTAS is a part of UGC Skill Hub, AICTE Karma, 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. The 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.

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):

All the programmes in VISTAS has well established graduate attributes defined in terms of Programme Educational Objectives (PEO), Programme Outcomes(PO) and Programme Specific Objectives(PSO). These are linked to the vision and mission of the department which in turn is linked to the vision and mission of the institution. They are aligned with global standards and include disciplinary knowledge and generic skills.

All the courses have well defined Course Outcomes (CO) that are Specific, Measurable, Achievable, Relevant and Time Bound(SMART). CO's are mapped to PO's using three levels of correlation (high, medium and low).

The direct attainment of CO and PO is computed from the Internal Assessment (40%) and end semester examinations (60%). The questions in Continuous Assessment Tests, Assignments etc., are linked to the various CO's that are defined for the course. Attainment is computed by the marks scored by students in each of the CO.

Indirect attainment is obtained from the Course Exit Survey, Feedback and Employer survey. 80% of Direct assessment and 20% of Indirect assessment is used to compute the overall CO and PO attainment.

The overall attainment is appraised semester wise and improvements are made in the teaching-learning process.

21.Distance education/online education:

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 MOOC 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. The Centre for Distance and Online learning(CDOE) at VISTAS has developed self-learning material(SLM) as preparatory measures to commence Online Learning(OL) and Online Distance Learning(ODL) for various programmes.

Extended Profile

1.Programme

1.1	100
Number of programmes offered during the year:	

File Description	Documents
Data Template	View File

1.2	44
Number of departments offering academic programmes	

2.Student

2.1	13095
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	4154
Number of outgoing / final year students during the year:	

File Description	Documents
Data Template	View File

2.3	13040
Number of students appeared in the University examination during the year	

File Description	Documents
Data Template	View File

2.4 Number of revaluation applications during the year	**84**

3.Academic

3.1 Number of courses in all Programmes during the year	**3520**

File Description	Documents
Data Template	View File

3.2 Number of full time teachers during the year	**740**

File Description	Documents
Data Template	View File

3.3 Number of sanctioned posts during the year	**740**

File Description	Documents
Data Template	View File

4.Institution

4.1 Number of eligible applications received for admissions to all the Programmes during the year	**49514**

File Description	Documents
Data Template	View File

4.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**3880**

File Description	Documents
Data Template	View File
4.3 Total number of classrooms and seminar halls	**307**
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)	**6319.15**

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

VISTAS is a multidisciplinary institution and has implemented Choice Based Credit System (CBCS) for all its academic programme both at the UG and PG levels. The curriculum is designed with the various inputs received from alumni, academicians, employers, students & recommendations of various governing bodies such as UGC, AICTE, PCI, DGS, NCTE & BCI. The curriculum design is aimed to meet the POs, PSOs & COs. The programs are designed to be consistent with International, National & Institutional credit frameworks for promoting the progression of the students to acquire intellectual knowledge, skills & knowledge. The regulations, curriculum & syllabi are developed in accordance with the Institution's vision & mission, with the desires of each of the Departments PEOs, POs & PSOs, complying with their statutory requirements. The curricula developed/adopted have relevance to the regional/national/global developmental needs with well-defined and informed learning objectives and outcomes at programme and course level.

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

who have successfully completed the NPTEL/SWAYAM courses are eligible for credit transfers. Personality Development and Soft Skillscourses are enhancing Critical Thinking, Effective Communication, Social interaction and Ethics. For the holistic Personality Development, a course on Basic Life Skillis introduced as a two-credit course.

File Description	Documents
Upload relevant supporting document	View File

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

55

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

3520

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

2148

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

100

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.

VISTAS sensitizes students to their needs and equips them with an understanding of self and society and a bigger picture of life to inculcate a feeling of social responsibility through relevant courses under several categories for an effective learning experience. Professional Ethics, Human Values, and Environmental Studies.The curriculum designed by VISTAS includes many of these aspects.

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. Women's Criminal Law and Gender Justice

Environment and Sustainability :These courses cover sustainability and environment. Environmental issues are ethical, cross-cultural, historical, and human-natural. This teaches kids about nature. They investigate global warming and environmentalism. Environmental Geo technology Groundwater Engineering Inland Waterways Management

Human Values :Human values boost student self-esteem. Value education teaches service. Teaching trust, honesty, integrity, morality, and dependability. Humanities courses are listed below. Human Rights & Human Rights ,India's food laws

Professional Ethics :These classes explain professional personal, business, and ethical standards. Codes of ethics help professionals work ethically. Business communication and soft skills and 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.

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

58

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

7191

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

11183

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

5624

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

3549

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 studentsand organises special Programmes for advanced learners and slow learners

The institution to identify, inquire, actuate, scrutinize, and prioritizethe learning needs and extend appropriate learning methodologies suitably to the students. Bridge Courses are conducted to bridge the knowledge, communication and cultural gap in the first year.Remedial Classes are conducted for slow learners by providing additional classes, learning materials, practice assignments, revision, and selflearning materials. Through 'VELS Enrichment programme' different learning styles of the students are supported which in turn enhances the learning levels of both Advanced and Slow learners. Mentor-Mentee System is effectively followed and Tutoring by peers for the slow learners is encouraged under the supervision using technology.

Advanced learners are encouraged to pursue additional value added certificate courses offered by Industries, MOOCs etc., and inspired to participate in summerinternship Training programmes, Mini Projects, publish papers and file patents. They are appreciatedwith certificates, medals, cash awards, seed grants and scholarships.The Vel's Knowledge Resource Centre, Virtual Learning Centre and Foreign Language Centre aids in enhancing their learning. Training and Placement Cell invites industries to their placement drive at the University and students are supported suitably to register for the interviews.

File Description	Documents
Upload relevant supporting document	View File
Link For Additional Information	https://nptel.ac.in/localchapter/statistics/2639

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
13095	740

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

Student-centric teaching learning process through LMS, KMS, blended teaching, flipped classrooms are being practiced at VISTAS. The lecture capturing system allows faculty members to record the teaching and post it in the LMS. Students access LMS through their login and learn the various concepts at their own speed. Blended learning and flipped classroom models of teaching learning were useful during the pandemic. Virtual labs, Matlab Online and other open source laboratory tools were employed to handle practical classes. Vels Subject Gateway Digital Portal provides access to MHRD Digital Initiatives.

Students are also actively engaged in Think-pair-share, cooperative Groups. Self-assessment, Brainstorming, Jigsaw discussion where learners are involved actively in the learning process through intentional sequence of activities to achieve the specified objective and desired outcome is practiced widely at VISTAS.

Students are encouraged to enroll in Internships and Industrial trainings which facilitates both in employability and entrepreneurship. Problem solving, Communication and Team building skills are developed through the various committees, clubs and competitions. NSS training camps, Human Values and Community Outreach, Entrepreneurship Awareness Camps, Performing Arts, Basic skills course in sports, Yoga classes are also organized for improving the mental and physical well-being of students.

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 class rooms 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

725

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

740

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

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

405

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

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

3670

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

148

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

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

2

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

2

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

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

84

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 Examination(ESE).

The CIA Test Coordinator conducts examination centrally at the department level. Question papers for CIA tests are diligently checked by the departmental scrutinizing committee for quality and compliance to the course outcomes and knowledge levels. The evaluation of CIA is done at the department level and varies for different components of CIA, whose marks are then entered in ERP.

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, Seating arrangement of students etc. The Chief Superintendent oversees the conduct of examination is appointed by the COE.

Bar coded and Optical Mark Recognition(OMR) enabled answer scripts are being used to conceal the identity of students to examiners. The introduction of OMR has resulted in 0% error in carrying over marks. Only external valuation is adopted for both UG and PG courses.

After the results are published, students can apply for revaluation online within 10 days from the publication of results. Revaluation of answer scripts isdone by two External faculty to ensure fairness and transparency.

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 theInstitution.

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 therespective 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%)andEnd 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 overallPOs/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

3657

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/Student-Satisfaction-Survey-2021-2022.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

VISTAS RESEARCH POLICY GUIDELINES

VISTAS Research Policy Guidelines are applicable to all VISTAS faculty and students involved in any form of research activity. VISTAS is committed to be a Research and Innovation Driven University and contribute to India becoming a global knowledge. It is equally important to ensure that the products and outcomes of such research are appropriately disseminated to reach the widest possible audience for the benefit of mankind at both national and global levels.

- The faculty members are provided with incentives for publications in indexed journals.
- Seed Grant is provided by VISTAS to faculty for their research work.
- Research colloquium is periodically held at every department.
- Domain experts are invited to deliver special lecture.
- Research laboratories are supported in specific disciplines to enhance research activity.
- Centre for Advanced Research and Development (CARD)

encourages and streamlines the research activities.

- Patent cell helps the faculty for filing the patents. Expenses towards filing the patents are born by the Management.
- Faculty are guided to prepare research project proposals to Government funding agencies. The incentivesfor the income generated thorough consultancy projects is credited to the concerned faculty.

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)

81.4

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

321

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

69

File Description	Documents
Upload the data template	[View File](#)
Upload relevant supporting document	[View File](#)

3.1.5 - Institution has the following facilities   A. Any 4 or more of the above

to support research Central Instrumentation
Centre Animal House/Green House Museum
Media laboratory/Studios Business Lab
Research/Statistical Databases Moot court
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

5

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)

163.63

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)

378.25

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

`0.19`

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 Ecosystem for Innovation`

`VISTAS is one among the pioneering institutes supporting innovation through research in the Multi-disciplinary approach. VISTAS have created an appropriate ecosystem for Research and Innovation by establishing Center for advanced Research and Development (CARD), Central Instrumentation Facility and Incubation Center. CARD has been established to promote research among faculty members, research scholars and students. The primary objective of the CARD is to create research culture among the stake holders. CARD has undertaken various R&D Funding Projects from Government and Non Government agencies. The Central Instrumentation Facility is an integrated sophisticated analytical equipment center worth Rs 10 Crores established in 2017 to help scientific community for their advanced research. Currently the center is housed with the state of the art Equipment Facilities like Field Emission Scanning Electron Microscope (Quttro ESEM) with ultra high resolution and X Ray diffraction etc. Currently the Central Instrumentation Lab offers Consultancy services for both academic and Industrial communities. VISTAS have established an Incubation centre which focuses on innovation, incubation, entrepreneurship, Start-Ups and commercial success. The centre is facilitated with product development consultancy, IP rights & licensing methodology. An exclusive start up Student lounge at 540 sqft and Skill development centre at 1400 sqft was established.`

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

242

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

242

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

142

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   **A. All of the above**

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

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

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

94

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

191

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

1.41

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

432

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   **A. Any 5 or all 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
2251	**7.62**

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
53	44

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 Consultancy Policy

- **Proposal isprepared by the PI and submitted to various industries and institutions.**
- **All consultancy proposals must be sent under signature of the PI to The Registrar for endorsement.**
- **These projects are headed by a Principal Investigator (PI), and may have Co Principal Investigators (co-PIs) and the deliverables are the responsibility of the PIs. The Institute provides the PIs necessary support.**
- **PI will handle the project account. The budget for the Project should have Expenses on equipment, supporting manpower, travel, contingency etc.**
- **All payments for consultancy work must come in the name of the Registrar, VISTAS.**
- **The statement of expenditure and utilization certificate will be prepared at every financial year end by the competent authority. Final report to be submitted to funding agency and office of the registrar.**
- **Outstation travel on Consultancy Assignments may be undertaken normally with the prior approval of the Dean/Director/Head of the Department and The Registrar.**
- **Consultancy assignments may be taken up and implemented, within the constraints indicated above, provided they do not have any adverse impact on the ongoing academic, research and related activities.**

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)

65.56

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

VISTAS Extension Activities

VISTAS organizes Social awareness camps on Energy, Environment Protection, Drinking Water Quality, Usage of Medicine and Hygiene, Sanitation, Public Health, Self Help groups, Noise awareness, Breast cancer etc., for the holistic and sustained community development.

VISTAS sensitizes its faculty and students to its Institutional Social Responsibilities. They are encouraged to take part in these activities in collaboration with GOs, NGOs, SHGS, local bodies etc. in carrying out these societal outreach programmes.

PRADHAN MANTRI BHARTIYA JANAUSHADHI KENDRA is an initiative of Department of Pharmaceuticals VISTAS in order to ensure the availability of quality medicines at affordable cost to the public from VISTAS Swachh Bharat Abhiyan is implemented to maintain the cleanliness in and around the campus and to create awareness about the role of clean environment.

• Periodically OrganizeBlood Donation camps. • Awareness of Legal Rights • Regular Health camps periodically conducted in the campus as well as nearby rural areas. • Training of computer tools for various employees in Rural women and Farmer training • Aids

Awareness • Free Eye Camp in Rural Areas • Dengue Awareness Camp. • Nilavembu Kasayam Freely Provided during the Camp in rural Areas.

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

238

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

9000

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

894

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

162

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 6,842 sq.m wasadded for 2021-2022.**
- **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 307 class rooms, 173 laboratories. Apart from the sophisticated and State-of-ArtLaboratory 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 2100 students. Hostels students are provided with TV, Yoga Hall, Indore 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, Class rooms, 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 - User Rate

Description of Sports / Games

Area / size

(Mts)

Year of Establishment

User rate

Per week

Tennikoit

12 X 10

2005

60

Throw ball

25 X 20

2006

120

Swimming Pool

25 X 14

2006

360

Football

100 X 50

2007

280

Ball Badminton

30 X 25

2007

120

Badminton (Outdoor)

22 X 15

2007

140

200 mtrs Track

115 X 60

2007

20

Volleyball - 2 Nos.

30 X 20

2008

180

Basketball

36 X 20

2008

100

Indoor Games

40 X 20

2008

120

Kabaddi

21 X 20

2010

210

Fitness Centre (gymnasium)

21 X 9

2014

240

Cricket Practice Pitch – 3 Nets

10 X 25

2015

140

Yoga Centre

30 X 15

2016

240

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 excessing 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 storiyed air conditioned Guest house provides accommodation to visiting guests.
- Staff Quarters: Multi-storiyed 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)

7038.74

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)

97.73

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

307

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 forstudents 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 inthe centralized server to prevent data loss. Adequate measures are taken to prevent the risk of datacorruption. 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
13095	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

3308.41

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.

Facilities

Operation

Annual stock verification of all departments equipment

:

Annually

Civil work

:

Once in two years

Cleaning of Class Rooms, Laboratories, Library, Floors and Hostels etc.,

Brooming & Mopping

:

Daily Two Times

Emptying waste baskets

:

Daily

Green cover Garden

:

Maintaining by the Gardeners

Maintenance of ICT Smart Class rooms and the related system

:

Maintained with AMC

Lock and Key control of each and every Class Rooms, Laboratories

and Main Blocks

:

Maintained by concerned Lab. Asst., daily and recorded in security

Disposal of damaged Furnitures and unused equipments

:

Maintenance department.

Cleaning of Building /Walls / Doors / Windows

:

Weekly one / need arises

Grounds

:

On daily basis

Building service requirements like Painting, wiring, plumbing works etc.,

:

When need arises

Fire Extinguishers

:

Inspected periodically

Toilets / Rest room / Wash basins etc.,

:

Two times daily

Academic

Annual stock verification of Books

:

By staff members of various departments.

Deployment in Library

:

By OPASS System

Shifting & moving of Books

:

Periodically

Cleaning Sports equipments

:

Daily

Cleaning Gym and indoor Games hall

:

Daily

Internet and Wi-Fi facilities

:

Managed by IT Manger

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)

2319

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

10086

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' grievances Timely redressal of the grievances through appropriate committees

• All of the above

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

11

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

2884

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

220

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

72

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 various committees for the smooth functioning and decision making. The name of the committee and the number of student members in each committee is as follows:

1. **Anti-Ragging Committee - 5**

2. **Students Affairs Advisory Committee - 3**

3. **Hostel Advisory Committee - 3**

4. **SC/ST/OBC Grievance Committee - 3**

5. **Internal Complaint Committee (ICC) - 4**

6. **Women Welfare Committee - 2**

7. **Sports & Games Committee - 2**

8. **Cultural Committee - 8**

9. **Equal Opportunity Cell - 2**

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

68

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 main objective of the association is to maintain and develop network among the past and present students, and to enrich activities on current trends. The Annual General body Meeting of the association is being conducted during the month of March every year. At present the association has 4745 registered members. During the month of January, the University used to conduct the Alumni meet in a grand manner with the name 'VELS SALUTE'. The distinguished alumni from various disciplines were recognized and awarded for their excellence in their respective fields in Vels Salute. The departments are utilizing the intellectual assets of the alumni members by means of organizing guest lectures, industrial visit, and inductive learning through interaction of past and present students. The alumni of each department actively participate in framing the curriculum structure to bridge the gap between industry and academia. Every year distinguished alumni members are identified and they are invited as the chief guest for the curricular, co-curricular & extracurricular activities of our University.

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 Research scholars, Post-doctoral fellows ,Junior research fellows , Project Assistants, PG students are formed into IPR groups related to emerging areas, national priorities. 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 atleast one article in a Scopus Indexed or Web of Science 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 Advisor (A & A) and 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

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 https://vistas.ac.in/wp-content/uploads/2023/03/2022-2023-Committee-1.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   **A. All of the above**

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

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

449

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

96

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)

670

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)

5.09

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)

2.67

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 audits .... ..Internal 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 he 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   A. Any 5 or all of the above

Administrative Audit (AAA) and follow up action taken Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens Participation in NIRF Any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

File Description	Documents
Upload the data template	View File
Upload relevant supporting documnent	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)

2021-2022

1

Number of faculty with Ph.D.,

251

405

2

Number of faculty with NET / SET

75

109

3

M.Phil Awarded out in last five years

630

791

4

PhDs Awarded in last five years

207

589

5

Number of Publications

5a

UGC approved

1123

1429

5b

Book published

69

354

5c

Papers Presented

920

1748

16-10-2023 11:04:39

6

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

2494

15245

7

Number of MoUs (Last 5 years)

7a

National

181

285

7b

International

34

39

8

Patents Published

46

180

9

Patents Awarded

1

12

10

Income through Consultancy

Rs.72,01,600/-

Rs.1.02 Crores

11

Research Projects Completed

Rs.1.89 Crores 16 Numbers

Rs.5.02 Crores 30 Numbers

12

Research Projects – Ongoing

Rs.3.08 Crores

10 Numbers

Rs.3.13 Crores

10 Numbers

13

Research projects – Submitted

Rs 96.04 Crores

214 Numbers

131.92 Crores

411 Numbers

14a

NIRF Ranking for Pharmacy

52 (2019)

16-10-2023 11:04:39

34 (2022)

14b

NIRF Ranking for Engineering

-

159 (2022)

14c

NIRF Ranking for University

Rank Band

151-200

Rank Band

101-150

15

NBA Accreditation

Nil

9 Programmes

16

Total Build-up area

1,08,329 sq.m

1,15,148 sqm.

17

Total Class Rooms

286

307

18

Total Smart Class rooms

46%

80%

19

Total Computers

2300

2760

20

Examination

Physical Mode

On-Line & Physical Mode

21

Percentage of placement

62%

78%

22

Number of Companies in the Incubation Centre

5

12

23

Approval from Ministry of Micro, Small & Medium Enterprises (MSME), Project Monitoring & Advisory Committee for Submission of Projects

No

Yes

24

Employees Welfare Scheme (Assistance to purchase land & Construction of home)

-

Yes

25

Free UG Education for the wards of Covid-19 (Health Workers and Police)

-

Yes

26

VSAT – Entrance Test for Admission with Scholarship

-

Yes

27

Calculation of Attainment of COs, POs, PSOs

Manual

Automated in ERP

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

File Description	Documents
Upload relevant supporting document	[View File](#)

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

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 aretaken 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.

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

e-waste management :

E-waste is collected on a regular basis at 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:

A. Any 4 or All of the above

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

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

backgrounds. 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.

Pongal Celebrations: Pongal Celebrations are held in VISTAS as a thanksgiving festival to Sun God.

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

World Hepatitis Day 2022

Every year on 28 July, World Hepatitis Day is observed to raise awareness and educate people about the effects of viral hepatitis.

Village Adoption:

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

World Environment Day 2022

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 join with the Department of Microbiology in Association with Deepam Hospital, Tamabaram have conducted a Special Medical camp on 28 April 2022.

V O Chidambaram Pillai and Bharathiyar Centenary Celebrations 2022.

The Department of Tamil organises a Centenary celebration at VISTAS to raise awareness among students about how freedom fighters fought against British rule.

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 and 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 by our Vice Chancellor.

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.,

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

VISTAS is a multidisciplinary institution and has implemented Choice Based Credit System (CBCS) for all its academic programme both at the UG and PG levels. The curriculum is designed with the various inputs received from alumni, academicians, employers, students & recommendations of various governing bodies such as UGC, AICTE, PCI, DGS, NCTE & BCI. The curriculum design is aimed to meet the POs, PSOs & COs. The programs are designed to be consistent with International, National & Institutional credit frameworks for promoting the progression of the students to acquire intellectual knowledge, skills & knowledge. The regulations, curriculum & syllabi are developed in accordance with the Institution's vision & mission, with the desires of each of the Departments PEOs, POs & PSOs, complying with their statutory requirements. The curricula developed/adopted have relevance to the regional/national/global developmental needs with well-defined and informed learning objectives and outcomes at programme and course level.

Students receive experiential learning in addition to academic instruction through industrial visits, eminent speaker lectures, workshops, conferences, Internships & project work. VISTAS offers value added courses to enhance the students' learning. Students who have successfully completed the NPTEL/SWAYAM courses are eligible for credit transfers. Personality Development and Soft Skillscourses are enhancing Critical Thinking, Effective Communication, Social interaction and Ethics. For the holistic Personality Development, a course on Basic Life Skillis introduced as a two-credit course.

File Description	Documents
Upload relevant supporting document	[View File](#)

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

55

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

3520

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

2148

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

100

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.

VISTAS sensitizes students to their needs and equips them with an understanding of self and society and a bigger picture of life to inculcate a feeling of social responsibility through relevant courses under several categories for an effective learning experience. Professional Ethics, Human Values, and Environmental Studies.The curriculum designed by VISTAS includes many of these aspects.

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. Women's Criminal Law and Gender Justice

Environment and Sustainability :These courses cover sustainability and environment. Environmental issues are ethical, cross-cultural, historical, and human-natural. This teaches kids about nature. They investigate global warming and environmentalism. Environmental Geo technology Groundwater Engineering Inland Waterways Management

Human Values :Human values boost student self-esteem. Value education teaches service. Teaching trust, honesty, integrity, morality, and dependability. Humanities courses are listed below. Human Rights & Human Rights ,India's food laws

Professional Ethics :These classes explain professional personal, business, and ethical standards. Codes of ethics help professionals work ethically. Business communication and soft skills and 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.

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

58

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

7191

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

11183

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

5624

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

3549

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 studentsand organises special Programmes for advanced learners and slow learners

The institution to identify, inquire, actuate, scrutinize, and prioritizethe learning needs and extend appropriate learning methodologies suitably to the students. Bridge Courses are conducted to bridge the knowledge, communication and cultural gap in the first year.Remedial Classes are conducted for slow learners by providing additional classes, learning materials, practice assignments, revision, and selflearning materials. Through 'VELS Enrichment programme' different learning styles

of the students are supported which in turn enhances the learning levels of both Advanced and Slow learners. Mentor-Mentee System is effectively followed and Tutoring by peers for the slow learners is encouraged under the supervision using technology.

Advanced learners are encouraged to pursue additional value added certificate courses offered by Industries, MOOCs etc., and inspired to participate in summerinternship Training programmes, Mini Projects, publish papers and file patents. They are appreciatedwith certificates, medals, cash awards, seed grants and scholarships.The Vel's Knowledge Resource Centre, Virtual Learning Centre and Foreign Language Centre aids in enhancing their learning. Training and Placement Cell invites industries to their placement drive at the University and students are supported suitably to register for the interviews.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link For Additional Information	https://nptel.ac.in/localchapter/statistics/2639

2.2.2 - Student - Full time teacher ratio during the year

Number of Students	Number of Teachers
13095	740

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

Student-centric teaching learning process through LMS, KMS, blended teaching, flipped classrooms are being practiced at VISTAS. The lecture capturing system allows faculty members to record the teaching and post it in the LMS. Students access LMS through their login and learn the various concepts at their own

speed. Blended learning and flipped classroom models of teaching learning were useful during the pandemic. Virtual labs, Matlab Online and other open source laboratory tools were employed to handle practical classes. Vels Subject Gateway Digital Portal provides access to MHRD Digital Initiatives.

Students are also actively engaged in Think-pair-share, cooperative Groups. Self-assessment, Brainstorming, Jigsaw discussion where learners are involved actively in the learning process through intentional sequence of activities to achieve the specified objective and desired outcome is practiced widely at VISTAS.

Students are encouraged to enroll in Internships and Industrial trainings which facilitates both in employability and entrepreneurship. Problem solving, Communication and Team building skills are developed through the various committees, clubs and competitions. NSS training camps, Human Values and Community Outreach, Entrepreneurship Awareness Camps, Performing Arts, Basic skills course in sports, Yoga classes are also organized for improving the mental and physical well-being of students.

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 class rooms 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

725

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

740

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

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

405

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

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

3670

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

148

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

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

2

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

2

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

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

84

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 Examination(ESE).

The CIA Test Coordinator conducts examination centrally at the department level. Question papers for CIA tests are diligently checked by the departmental scrutinizing committee for quality and compliance to the course outcomes and knowledge levels. The evaluation of CIA is done at the department level and varies for different components of CIA, whose marks are then entered in ERP.

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, Seating arrangement of students etc. The Chief Superintendent oversees the conduct of examination is appointed by the COE.

Bar coded and Optical Mark Recognition(OMR) enabled answer scripts are being used to conceal the identity of students to examiners. The introduction of OMR has resulted in 0% error in carrying over marks. Only external valuation is adopted for both UG and PG courses.

After the results are published, students can apply for revaluation online within 10 days from the publication of results. Revaluation of answer scripts isdone by two External faculty to ensure fairness and transparency.

File Description	Documents
Upload relevant supporting document	[View File](#)

2.5.4 - Status of automation of Examination division along with approved Examination	A. 100% automation of entire division & implementation of

Manual	`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 theInstitution.`

`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 therespective 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%)andEnd 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 overallPOs/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

3657

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/Student-Satisfaction-Survey-2021-2022.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

VISTAS RESEARCH POLICY GUIDELINES

VISTAS Research Policy Guidelines are applicable to all VISTAS faculty and students involved in any form of research activity. VISTAS is committed to be a Research and Innovation Driven University and contribute to India becoming a global knowledge. It is equally important to ensure that the products and outcomes of such research are appropriately disseminated to reach the widest possible audience for the benefit of mankind at both national and global levels.

- The faculty members are provided with incentives for publications in indexed journals.
- Seed Grant is provided by VISTAS to faculty for their research work.
- Research colloquium is periodically held at every department.
- Domain experts are invited to deliver special lecture.
- Research laboratories are supported in specific disciplines to enhance research activity.
- Centre for Advanced Research and Development (CARD) encourages and streamlines the research activities.
- Patent cell helps the faculty for filing the patents. Expenses towards filing the patents are born by the Management.
- Faculty are guided to prepare research project proposals

to Government funding agencies. The incentivesfor the income generated thorough consultancy projects is credited to the concerned faculty.

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)

81.4

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

321

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

69

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

5

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)

163.63

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)

378.25

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

0.19

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 Ecosystem for Innovation

VISTAS is one among the pioneering institutes supporting innovation through research in the Multi-disciplinary approach. VISTAS have created an appropriate ecosystem for Research and Innovation by establishing Center for advanced Research and Development (CARD), Central Instrumentation Facility and Incubation Center. CARD has been established to promote research among faculty members, research scholars and students. The primary objective of the CARD is to create research culture among the stake holders. CARD has undertaken various R&D Funding Projects from Government and Non Government agencies. The Central Instrumentation Facility is an integrated sophisticated analytical equipment center worth Rs 10 Crores established in 2017 to help scientific community for their advanced research. Currently the center is housed with the state of the art Equipment Facilities like Field Emission Scanning Electron Microscope (Quttro ESEM) with ultra high resolution and X Ray diffraction etc. Currently the Central Instrumentation Lab offers Consultancy services for both academic and Industrial communities. VISTAS have established an Incubation centre which focuses on innovation, incubation, entrepreneurship, Start-Ups and commercial success. The centre is facilitated with product development consultancy, IP rights & licensing methodology. An exclusive start up Student lounge at 540 sqft and Skill development centre at 1400 sqft was established.

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

242

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

242

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

142

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

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

94

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

191

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

1.41

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

432

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	**A. Any 5 or all 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
2251	**7.62**

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
53	44

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 Consultancy Policy

- Proposal isprepared by the PI and submitted to various industries and institutions.
- All consultancy proposals must be sent under signature of the PI to The Registrar for endorsement.
- These projects are headed by a Principal Investigator (PI), and may have Co Principal Investigators (co-PIs) and the deliverables are the responsibility of the PIs. The Institute provides the PIs necessary support.
- PI will handle the project account. The budget for the Project should have Expenses on equipment, supporting manpower, travel, contingency etc.
- All payments for consultancy work must come in the name of the Registrar, VISTAS.
- The statement of expenditure and utilization certificate will be prepared at every financial year end by the competent authority. Final report to be submitted to funding agency and office of the registrar.
- Outstation travel on Consultancy Assignments may be undertaken normally with the prior approval of the Dean/Director/Head of the Department and The Registrar.
- Consultancy assignments may be taken up and implemented, within the constraints indicated above, provided they do not have any adverse impact on the ongoing academic, research and related activities.

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)

65.56

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

VISTAS Extension Activities

VISTAS organizes Social awareness camps on Energy, Environment Protection, Drinking Water Quality, Usage of Medicine and Hygiene, Sanitation, Public Health, Self Help groups, Noise awareness, Breast cancer etc., for the holistic and sustained community development.

VISTAS sensitizes its faculty and students to its Institutional Social Responsibilities. They are encouraged to take part in these activities in collaboration with GOs, NGOs, SHGS, local bodies etc. in carrying out these societal outreach programmes.

PRADHAN MANTRI BHARTIYA JANAUSHADHI KENDRA is an initiative of Department of Pharmaceuticals VISTAS in order to ensure the availability of quality medicines at affordable cost to the public from VISTAS Swachh Bharat Abhiyan is implemented to maintain the cleanliness in and around the campus and to create awareness about the role of clean environment.

• Periodically OrganizeBlood Donation camps. • Awareness of Legal Rights • Regular Health camps periodically conducted in the campus as well as nearby rural areas. • Training of computer tools for various employees in Rural women and Farmer

training • Aids Awareness • Free Eye Camp in Rural Areas • Dengue Awareness Camp. • Nilavembu Kasayam Freely Provided during the Camp in rural Areas.

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

238

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

9000

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

894

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

162

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 6,842 sq.m wasadded for 2021-2022.**
- **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 307 class rooms, 173 laboratories. Apart from the sophisticated and State-of-ArtLaboratory 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 2100 students. Hostels students are provided with TV, Yoga Hall, Indore 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, Class rooms, 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 - User Rate

Description of Sports / Games

Area / size

(Mts)

Year of Establishment

User rate

Per week

Tennikoit

12 X 10

2005

60

Throw ball

25 X 20

2006

120

Swimming Pool

25 X 14

2006

360

Football

100 X 50

2007

280

Ball Badminton

30 X 25

2007

120

Badminton (Outdoor)

22 X 15

2007

140

200 mtrs Track

115 X 60

2007

20

Volleyball - 2 Nos.

30 X 20

2008

180

Basketball

36 X 20

2008

100

Indoor Games

40 X 20

2008

120

Kabaddi

21 X 20

2010

210

Fitness Centre (gymnasium)

21 X 9

2014

240

Cricket Practice Pitch – 3 Nets

10 X 25

2015

140

Yoga Centre

30 X 15

2016

240

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 excessing 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 storiyed air conditioned Guest house provides accommodation to visiting guests.**
- **Staff Quarters: Multi-storiyed 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)

7038.74

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)

97.73

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

307

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 forstudents 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 inthe centralized server to prevent data loss. Adequate measures are taken to prevent the risk of datacorruption. 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
13095	**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

3308.41

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.

Facilities

Operation

Annual stock verification of all departments equipment

:

Annually

Civil work

:

Once in two years

Cleaning of Class Rooms, Laboratories, Library, Floors and Hostels etc.,

Brooming & Mopping

:

Daily Two Times

Emptying waste baskets

:

Daily

Green cover Garden

:

Maintaining by the Gardeners

Maintenance of ICT Smart Class rooms and the related system

:

Maintained with AMC

Lock and Key control of each and every Class Rooms, Laboratories and Main Blocks

:

Maintained by concerned Lab. Asst., daily and recorded in security

Disposal of damaged Furnitures and unused equipments

:

Maintenance department.

Cleaning of Building /Walls / Doors / Windows

:

Weekly one / need arises

Grounds

:

On daily basis

Building service requirements like Painting, wiring, plumbing works etc.,

:

When need arises

Fire Extinguishers

:

Inspected periodically

Toilets / Rest room / Wash basins etc.,

:

Two times daily

Academic

Annual stock verification of Books

:

By staff members of various departments.

Deployment in Library

:

By OPASS System

Shifting & moving of Books

:

Periodically

Cleaning Sports equipments

:

Daily

Cleaning Gym and indoor Games hall

:

Daily

Internet and Wi-Fi facilities

:

Managed by IT Manger

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)

2319

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

10086

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' grievances Timely redressal of the grievances through appropriate committees	• **All of the above**

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

11

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

2884

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

220

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

72

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 various committees for the smooth functioning and decision making. The name of the committee and the number of student members in each committee is as follows:

1. Anti-Ragging Committee - 5

2. Students Affairs Advisory Committee - 3

3. Hostel Advisory Committee - 3

4. SC/ST/OBC Grievance Committee - 3

5. Internal Complaint Committee (ICC) - 4

6. Women Welfare Committee - 2

7. Sports & Games Committee - 2

8. Cultural Committee - 8

9. Equal Opportunity Cell - 2

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

68

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 main objective of the association is to maintain and develop network among the past and present students, and to enrich activities on current trends. The Annual General body Meeting of the association is being conducted during the month of March every year. At present the association has 4745 registered members. During the month of January, the University used to conduct the Alumni meet in a grand manner with the name 'VELS SALUTE'. The distinguished alumni from various disciplines were recognized and awarded for their excellence in their respective fields in Vels Salute. The departments are utilizing the intellectual assets of the alumni members by means of organizing guest lectures, industrial visit, and inductive learning through interaction of past and present students. The alumni of each department actively participate in framing the curriculum structure to bridge the gap between industry and academia. Every year distinguished alumni members are identified and they are invited as the chief guest for the curricular, co-curricular & extracurricular activities of our University.

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 Research scholars, Post-doctoral fellows ,Junior research fellows , Project Assistants, PG students are formed into IPR groups related to emerging areas, national priorities. 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 atleast one article in a Scopus Indexed or Web of Science 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 Advisor (A & A) and 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

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 https://vistas.ac.in/wp-content/uploads/2023/03/2022-2023-Committee-1.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

449

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

96

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)

670

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)

5.09

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)

2.67

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 audits .... ..Internal 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 he 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 Confernces, Seminars, Workshops on quality conducted Collaborative quality initiatives with other institution(s) Orientation programme on quality issues for teachers and studens 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 documment	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)

2021-2022

1

Number of faculty with Ph.D.,

251

405

2

Number of faculty with NET / SET

75

109

3

M.Phil Awarded out in last five years

630

791

4

PhDs Awarded in last five years

207

589

5

Number of Publications

5a

UGC approved

1123

1429

5b

Book published

69

354

5c

Papers Presented

920

1748

6

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

2494

15245

7

Number of MoUs (Last 5 years)

7a

National

181

285

7b

International

34

39

8

Patents Published

46

180

9

Patents Awarded

1

12

10

Income through Consultancy

Rs.72,01,600/-

Rs.1.02 Crores

11

Research Projects Completed

Rs.1.89 Crores 16 Numbers

Rs.5.02 Crores 30 Numbers

12

Research Projects – Ongoing

Rs.3.08 Crores

10 Numbers

Rs.3.13 Crores

10 Numbers

13

Research projects – Submitted

Rs 96.04 Crores

214 Numbers

131.92 Crores

411 Numbers

14a

NIRF Ranking for Pharmacy

52 (2019)

34 (2022)

14b

NIRF Ranking for Engineering

-

159 (2022)

14c

NIRF Ranking for University

Rank Band

151-200

Rank Band

101-150

15

NBA Accreditation

Nil

9 Programmes

16

Total Build-up area

1,08,329 sq.m

1,15,148 sqm.

17

Total Class Rooms

286

307

18

Total Smart Class rooms

46%

80%

19

Total Computers

2300

2760

20

Examination

Physical Mode

On-Line & Physical Mode

21

Percentage of placement

62%

78%

22

Number of Companies in the Incubation Centre

5

12

23

Approval from Ministry of Micro, Small & Medium Enterprises (MSME), Project Monitoring & Advisory Committee for Submission of Projects

No

Yes

24

Employees Welfare Scheme (Assistance to purchase land & Construction of home)

-

Yes

25

Free UG Education for the wards of Covid-19 (Health Workers and Police)

-

Yes

26

VSAT – Entrance Test for Admission with Scholarship

-

Yes

27

Calculation of Attainment of COs, POs, PSOs

Manual

Automated in ERP

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**

File Description	Documents
Upload relevant supporting document	View File

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

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 aretaken 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.

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

e-waste management :

E-waste is collected on a regular basis at 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: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	**A. Any 4 or all of the above**

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 backgrounds. 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.

Pongal Celebrations: Pongal Celebrations are held in VISTAS as a thanksgiving festival to Sun God.

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

World Hepatitis Day 2022

Every year on 28 July, World Hepatitis Day is observed to raise awareness and educate people about the effects of viral hepatitis.

Village Adoption:

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

World Environment Day 2022

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 join with the Department of Microbiology in Association with Deepam Hospital, Tamabaram have conducted a Special Medical camp on 28 April 2022.

V O Chidambaram Pillai and Bharathiyar Centenary Celebrations 2022.

The Department of Tamil organises a Centenary celebration at VISTAS to raise awareness among students about how freedom fighters fought against British rule.

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 and 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 by our Vice Chancellor.

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)

Digital Initiatives at VISTAS

University Grants Commission has also directed all the Higher Education Institutions to implement e-governance immediately. Hence Digital Initiatives is a thrust area at VISTAS.

1.E Programs Offered

Students undergo training in ERP-SAP in collaboration with Victoria University, Melbourne, Australia and Tally ERP in collaboration with IEMS (Integrated Environmental Management System), Chennai.

2. E-Governance

ERP is being used at VISTAS for managing Accounts, Administration, Examination wing and Admission process. ERP software has links with our website www.velsuniv.ac.in e-content for various courses are available in INTRANET Server. VISTAS Library can be used for reading e-journals and e-books.

3. National Academic Depository

VISTAS has signed MOU with CDSL as part of our Academic Depository obligations all our students certificates are kept in cloud and students degree certificates can be downloaded from anywhere in the world with complete safety measures like fire walls.

4. ICT enabled Teaching and Examination

VISTAS enhances the teaching experience and ensures that the learning in classroom is more interactive and participative through smart boards. We encourage the practice of conducting lectures through audio-video/video conferencing. We are also developing content through YouTube, LMS, Edu-Tech, Edu-Sat

7.3.2 - Plan of action for the next academic year

Plan of action for the next academic year

1. To attainNAAC A++

2. To get approval from UGC for starting 20 job oriented new Programs and to implement National Education Policy 2020.

3. To start a greater number of add on courses to enhance the employability of the students or to become an Entrepreneur. Improve the employability of students with more skill-based learning and project-based learning

4. To motivate each teaching staff to publish every year at-least two paper in SCOPUS indexed journal which increases the citation Index and H-Index and to reward them appropriately

5. To realise 200 lakhs worth Projects from Government and Non-Government funding agencies

6. To file a minimum of 100 patents and to get it published. To tap for Australian Institutional Patents

7. Strengthening infrastructure by building a new block

8. To coach the students for various competitive examinations

9. Encourage student innovations through Technology Business Incubator (TBI).

10. Lab and research infrastructure will be improved at par with International standard

11. Improve median salary by attracting more recruiters and by providing aggressive Placement training for Professional programs

12. More collaborations with foreign universities for all disciplines and student exchange programs

13. Digital infrastructure will be upgraded with full fledged data centre