CRITERION VI - GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.5: Evaluation Process and Reforms

6.5.2 Quality assurance initiatives of the Institution include: 1. Academic and Administrative Audit (AAA) and initiation of follow-up action 2. Conferences, Seminars, Workshops on quality 3. Collaborative quality initiatives with other Institution (s) 4. Orientation programmes on quality issues for teachers and students 5. Participation in NIRF process 6. Any other quality audit by recognized State, National or International agencies (ISO, NABH, NABL Certification, NBA, any other)

Criterion Number	**6**
Metric	**6.5.2**
Details	**Annual reports of the University**
Pages	**1-24**

ANNUAL REPORT 2021-2022



VELS



INSTITUTE OF SCIENCE. TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

Marching Beyond 30 Years Successfully

INSTITUTION WITH UGC 12B STATUS

OUR VISION

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

OUR MISSION

- Effectively imparting knowledge and inculcating innovative thinking.
- Facilitating skill enhancement through add on courses and hands on training.
- Doing original, socially relevant, high quality research.
- Facilitating appropriate co-curricular, extracurricular and extension activities
- Instilling the spirit of integrity, equity, professional ethics and social harmony.

QUALITY ASSURANCE

The Institute has established a system of Quality Assurance to enhance and monitor the quality of education. Quality Advisory Committee and Internal Quality Assurance Cell are working towards this goal.

VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS) has been established in the year 2008 under section 3 of the Act of 1956 of University Grants Commission, Government of India, New Delhi. VISTAS has originated from a self-financing Group of Institutions known as Vels Group of Institutions established in 1992. The Head Office of the VISTAS is located at Pallavaram around 2 kms. south of Pallavaram railway station and nearly 4 kms away from Chennai Airport. The Deemed University status has been conferred by UGC after taking into account the rich experience accumulated by the Management and quality maintained in the field of Higher education.

VISTAS has blossomed into a multi-disciplinary Institute offering more than 100 UG & PG programs, besides Doctoral programs, through 18 Schools and 47 Departments. Programs have the approval of the relevant Statutory Regulating Agencies such as UGC, AICTE, PCI, BCI, NCTE, DGS etc. The institution at present, has about 13,235 students and 742 faculty members with 385 of them having doctorate degree. The School of Maritime Studies was awarded "A1" grade by the Indian Register of Shipping (IRS) in Nov-2022. VISTAS has been accredited by NAAC with a CGPA of 3.01 / 4 (A) grade in March 2019. B.E., Mechanical Engineering, B.E., Computer Science & Engineering, Master of Business Administration, B.Pharmacy B.E., Marine Engineering, B.E., Electronics & Communication Engineering, B.E., Electrical and Electronics Engineering, B.Tech.IT(Cloud and Mobile

Application Development) and B.E., Biomedical Engineering programmes have been accredited by the NBA. Pharmacy is in 47th Rank, Engineering in 101-150 Band and the University is in 101-150 Band in the NIRF Ranking 2023. VISTAS has been placed in NIRF Innovation (Atal Ranking of Institutions on Innovation Achievements) Ranking in 51-100 Band.

VISTAS has been accorded with 12B status by UGC. VISTAS is also recognized as a Scientific and Industrial Research Organization (SIRO) by the Ministry of Science and Technology, Government of India. VISTAS has improved infrastructure, modernized laboratories, increased the hostel accommodation and improved sports facilities. Since becoming deemed university, syllabi has been revamped periodically in all disciplines. There has been a significant increase in the enrolment of students especially women students. The institution is well equipped with ICT facilities such as Smart class rooms, Video Conferencing, Online courses and Vels Knowledge Resource Centre.

VISTAS has number of Advanced Research Centres to support the research activities in various departments such as, Centre for Fish Immunology, Centre for Energy and Alternative Fuels, Centre for Artificial Intelligence, Centre for Automation and Power Conservation, Centre for Material Research, Centre for Excellence in Pharmaceutical Research & Drug Testing, Centre for Elephant Research, Centre of Excellence in Cloud Computing with IBM, Centre of Excellence in Business Analytics with IBM, Centre for Intellectual Property Rights (IPR), Centre for Advanced Research

& Development (CARD), Centre for Multimedia Research, Centre for Transfer of Technology and Centre of Excellence in Constitutional Law. Also, nearly 100 leading industries are associating with VISTAS and has a very strong Industry Institution Interface.

VISTAS has a well-established Central Instrumentation Research Laboratory with state-of-the-art facilities with a worth of 11.2 Crores and vibrant Incubation Centre in its campus where the industries are busy in developing products useful to the society.

The VISTAS Library houses a collection of 1,41,320 books, 1,96,898 e-books and 13,897 back volumes. More than 374 periodicals (National and International) 12,535 e-journals have been subscribed. It has about 4,961 dissertations and 5,317 Audio-Video Resources.

The University periodically gets students feedback, self-appraisal report from staff and also conducts Academic Audit through Internal Quality Assurance System. VISTAS has a vibrant Entrepreneurial Development Cell, Career Development, Placement and Training to look after the placement of the students. Thus, the Institute fulfills its mission of carrying education to hitherto neglected marginalized section so as to provide social justice and participate in the strategy of inclusive growth in education.

The institution has continued to demonstrate commendable achievements across various spheres. It has conducted 20 workshops/seminars, published/awarded 95 patents & copyrights, and engaged in 9 consultancy

projects. Notably, it received 81.40 lakhs in seed funding and established 38 Memoranda of Understanding, indicating robust partnerships and resource acquisition efforts. The active participation of students in 79 sports and cultural activities reflects a vibrant campus culture. Moreover, 271 teachers have been recognized with national/international fellowships or financial support for advanced studies and collaborative research, indicating a commitment to faculty development.

With a pass percentage of 91.22, where 3667 students out of 4020 passed, the institution continues to uphold academic standards and support student success. As it graduates 4249 students and receives 116 awards for innovation/discoveries, it underscores its dedication to nurturing talent and fostering innovation. Additionally, the publication of 1197 indexed works across prestigious platforms such as Scopus, WoS, PubMed, and UGC demonstrates a commitment to contributing to the scholarly community and advancing knowledge. The NSS of our institution organized 132 extension activities aimed at community welfare and development.

Annual e-Governance Report

The University has implemented e-Governance in many of its institutional activities including following areas of operation

1. Planning and Development
2. Administration (including hospital administration & Medical Records)
3. Finance and Accounts
4. Student Admission and Support
5. Examination

Table 1: PARTICIPATION OF STUDENTS IN VARIOUS ACADEMIC PROGRAMMES 2021-2022

(Webinar, Seminar, e.Quiz, Technical Symposium, Paper Presentation & Poster Presentation)

S. No.	Name of the Schools	No. of students participated
1.	Faculty of Life Sciences	96
2.	Faculty of Science and Humanities	123
3.	Faculty of Management Studies & Commerce	52
4.	Faculty of Engineering and Technology	104
5.	Faculty of Pharmaceutical Sciences	18
6.	Faculty of Physiotherapy	4
7.	Faculty of Legal Studies	7
	Total	**404**

EVENTS ORGANISED

The following events have been organized at the University Campus apart from Independence Day and Republic day as suggested by the UGC :-

Sl. No.	Name of the Event	Date
1	World Population Day	11.07.2021
2	World Elephants Day	12.08.2021
3	Teacher's Day	05.09.2021
4	World Physiotherapy Day	08.09.2021
5	World Pharmacist Day	25.09.2021
6	National Students Day	15.10.2021
7	National Unity Day (Rashtriya Ekta Diwas)	31.10.2021
8	National Education Day	11.11.2021
9	Birthday of Shri Subramania Bharati	11.12.2021
10	World Human Rights Day	10.12.2021
11	National Youth Day	12.01.2022
12	Birthday of Swamy Vivekanandar	12.01.2022
13	National Science Day	28.02.2022
14	International Womens Day	08.03.2022
15	World Water Day	22.03.2022
16	World Environment Day	05.06.2022
17	International Yoga Day	21.06.2022

EXTENSION ACTIVITIES:

VISTAS, since the date of inception has always stood in the forefront in planning and executing programmes for the upliftment of the society in the spheres of social economic, health, education, etc. VISTAS always come forward to rescue whenever natural calamity hit the people, because only the marginalized sections are the worst affected during these time. Some of the outreach programmes organized by VISTAS are mentioned below:-

- Swachh Bharat Mission
- Swachh Bharat Abhiyan
- Eye Donation Camps
- Dental Camps
- Free Medical camps
- Blood donations camps
- AIDS awareness programme
- Science exhibition to school students
- Tree plantations
- Walkathon race
- Diabetics camps
- Bio-diversity conservation campaign
- Palliative care awareness rally
- Malaria / Dengue / Chikungunya awareness programme
- CORONA Awareness programme
- Eye-checkup camps
- Computer training programme for Tamil Nadu Training Police
- Temple cleaning

- Traffic regulation campaign
- Rain water harvesting awareness programme
- Adolescent Diabetes for Women awareness
- Literary programme
- Awareness programme on Health & Hygiene
- Women Empowerment programme
- Relief measures for the victims of earthquake and cyclone
- Flood relief measures
- SHG – Training programmes for SHG members
- Swine Flu Awareness programme
- Village Development programme
- Adoption of Village
- Adoption of Special homes (Orphanages)
- Job Fairs
- Old age pensions
- Assistance to school children belonging to socially and economically backward
- Local area development schemes
- Free Computer literacy programme for rural youth
- Rallies on Breast Cancer Awareness and No Tobacco

N.S.S : The Tamilnadu Government has sanctioned Four Units to VISTAS and there are 400 NSS Volunteers under 4 N.S.S. Officers. These units undertake activities like adoption of villages, work for betterment of environment, conducting adult literacy programmes, educational programmes, Campus cleaning, Traffic Regulation work and Blood Donation campus. The NSS volunteers are also involved in collecting Flag Day fund.

As a part of National Service Scheme (NSS), both faculty and students of VISTAS conducted Medical Camp, Dental Camp, Eye Camp, Aids Awareness Programme, Voters Awareness Programme and Computer Awareness Programme at the following adopted villages of Kancheepuram District.

1) Kovilambakkam
2) Pozhichallur
3) Nanmangalam
4) Vengaivasal
5) Thiruneermalai

VISTAS is officially selected as one of the Member institute of **"Unnat Bharat Abhiyan"** Programme.

YOUTH RED CROSS SOCIETY

The VISTAS is having the unit of Youth Red Cross Society affiliated to Indian Red Cross Society and the membership is open to all students. The activities are taken care by a member of the staff.

ROTARACT CLUB

The Rotaract Club of VISTAS undertakes projects like blood donation camps, visit to orphanages and old age homes. Thus the Rotaract Club fulfils its motto of "Service to Humanity is Service to God."

The sustainable development and the environment protection have become the cry of the hour. The VISTAS has taken a number of steps to protect the environment to ensure sustainable development.

- The volunteers have effectively campaigned for the Conservation of Biodiversity, Street cleaning, Temple cleaning to maintain cleanliness in the area.
- Environment protection awareness campaign has also been done by the NSS volunteers of VISTAS through short films and pamphlets.
- Short-films on Cancer and its awareness have been screened in and around Pallavaram.
- Planting of trees play a prominent role in maintenance of environment. Approximately 300 to 500 trees have been planted in the vicinity of VISTAS over the period of five years.
- The NSS volunteers have made a door to door campaign and motivated the people to go in for Rain Water Harvesting.

VARIOUS CLUBS :

- Various clubs such as Entrepreneur Development Club, Literary Club, English Literary Club, Rotaract Club, Debating Club, Journal Club, Photographic & Media Club, Vels Blood Donors Club, Sports Club, Vels Alumni Club, Cultural Club and Fine Arts Club, are functioning to provide opportunities to the students to develop their inner talents.

- Extra-Curricular activities like Tamil mandram and Literary club encourage the students for the active participation in various activities.

- The Yoga club of VISTAS takes care of Yoga activities.

- The Innovation Club of VISTAS consisting of students from Engineering, Life Sciences and Pharmacy contributes to the scientific publications and innovations - some of them have lead to filing of patents.

SUB COMMITTEES:

The following Committees have been constituted to facilitate smooth functioning and administrate the affairs of the University for 2021-2022.

Committee as per Statutory Requirements:

1. Anti-Ragging Committee
2. Grievance Redressal Committee
3. SC/ST/OBC Grievance Committee

4. Internal Complaint Committee (ICC)
5. Gender Sensitization Cell

Other Internal Committees:

6. Students Affairs Advisory Committee
7. Disciplinary Committee
8. Counselling and Guidance Committee
9. Examination Malpractice Enquiry Committee
10. Central Admission Committee
11. Fee Fixation Committee
12. Library Committee
13. Central Purchase and Stores Committee
14. Transport Committee
15. Extension Activities Committee
16. National Service Scheme Advisory Committee
17. Rotract Advisory Committee
18. Youth Red Cross Advisory Committee
19. Sports & Games Committee
20. Building Committee
21. Equivalency Committee
22. Cultural Committee
23. Hostel Advisory Committee
24. Women Welfare Committee
25. Equal Opportunity Cell

26. Industry Institution Interaction Cell
27. Institution Innovation Council

MEMBERSHIP IN VISTAS

Association of Indian Universities
भारतीय विश्वविद्यालय संघ

NASSCOM®

IACC

INDO-AMERICAN CHAMBER OF COMMERCE

INSTITUTIONAL MEMBERSHIP OF THE VISTAS

VISTAS has enrolled membership with many professional bodies which are useful for the students in meeting the professional standard, getting updated with current scenarios, giving practical exposure to the students by attending the lectures of the leading personalities in the business world. Institute-industry interface is carried on more effectively.

1. Association of Indian Universities
2. Indo-American Chamber of Commerce
3. SAP Student Academy Program

School of Management Studies :

- MMA (Madras Management Association)
- BCI (British Council Library)
- CII (Confederation of Indian Industries)
- ICT Academy of Tamil Nadu

School of Life Sciences :

- Biotech Consortium India Ltd.

School of Maritime Studies :

- Global Maritime Education and Training Association

School of Hotel and Catering Management :

- South India Culinary Association

- The World Association of Chefs Society
- Hospitality Educators & Recruiters Association

School of Engineering :

- Indian Institution of Production Engineers(IIPE)
- National Institution for Quality & Reliability (NIQR)
- The Indian Society for Technical Education
- IA ENG International Association of Engineers
- American Society for Mechanical Engineers(ASME)
- Institution of Engineers (India) (IE) – Student Chapter (Mechanical Engg.)
- The Institution of Engineering (India) – Life Institutional Membership
- Society of Automotive Engineers(SAEINDIA)
- The Biotech Research Society, India
- Indian Concrete Institute(ICI), Chennai
- Builders' Association of India
- Computer Society of India
- NASSCOM
- Indian Association of Biomedical Scientists(IABMS)

School of Computing Sciences :

- Computer Society of India

- Oracle academy
- ICT Academy of Tamil Nadu

School of Pharmaceutical Sciences :

- Indian Pharmaceutical Association (IPA)

IMPORTANT EVENTS OF THE YEAR

I. INTERNATIONAL WOMEN'S DAY 2022

The International Women's Day was celebrated in VISTAS campus on 9th March 2022. The following personalities have been conferred with "**Vels Women Achiever Award"** on that occasion:

1) Dr.Rathna Devi
   Senior Consultant,
   Radiation Oncologist(Apollo Cancer Centre)

2) Tmt.N.Kamini, IPS
   Additional Commissioner of Police
   Admin. & Traffic, Tambaram Comissionerate.

3) Dr.M.Regeena Jeppiaar
   Chairman & Managing Director
   Jeppiaar Group of Institutions.

4) Ms.Aishwarya Rajinikanth
   Director, Wunderbar Films Pvt. Ltd &
   Ten Entertainment Pvt. Ltd.

5) Ms.Vani Bhojan
   Action, Indian Film

6) Mrs.Jeena Zachariah
   Former Captain,
   Indian Basketball Team

II. VELS STAR 2022

VELS STAR Inter-university Cultural events held at the University Campus on 25th to 30th April 2022. More than 1000 students participated in this event.

III. ANNUAL SPORTS MEET 2021-2022

VISTAS has conducted "Annual Sports Meet of 2021-2022" on 27th May 2022 at Pallavaram Campus. Thiru.J.X.Terrance Rodrigo, Assistant Commissioner of Customs, Chennai hoisted the flag and declared open the Sports Meet. Thiru.Raman Vijayhan, Former Indian Football Player was the Guest of Honour and he distributed the prizes and medals.

IV. INTERNATIONAL DAY OF YOGA CELEBRATIONS 2022

The International Yoga Day was celebrated on 21.06.2022 jointly by VISTAS and World Community Service Centre, Aliyar with Yoga Performance by about 2000 students from City Schools at Velan

Arangam Ground, VISTAS. Dr. T.K.S. Sekhar, Joint Secretary, World Community Service Centre welcomed the gathering.

V. TWELFTH ANNUAL CONVOCATION 2022

The Twelfth Convocation of the Vels Institute of Science Technology and Advanced Studies (VISTAS) was held on 05.08.2022. The Honourable Governor of Tamilnadu Thiru. R.N.RAVI was the Chief Guest and delivered the Convocation address and distributed the Medals and Certificates to the Rank holders at the University level. 4829 candidates received their degrees in this Convocation. This includes 4011 UG, 583 PG students, 87 M.Phil. and 148 Ph.D. scholars.

The following eminent Personalities were honoured with Honoris Causa degrees

1) Prof.Ajit Kumar Mohanty,
   Director, Bhaba Atomic Research Centre,

2) Thiru.S.Shankar, Popular Film Director,

3) Thiru.Suresh Raina,
   Renowned Indian Cricketer

4) Thiru.Vikram Aggarwal,
   Chairman, Radisson Blu

VI. PASSING OUT CEREMONY 2022

The Annual Passing out Ceremony of the Cadets of School of Maritime Studies was held at the School of Maritime Studies, Thalambur campus on 22.06.2021. Capt.Saket Kumar Solanki, Manager, PMA, A Division of PIL India Ltd., was the Chief Guest and delivered the Chief guest address and distributed the Medals and Certificates. Capt.Praveen Bansal, CEO & Managing Director, K-Line Ship Management(I) Ltd., Mumbai and Capt.Tapesh Ghosh, Nautical Surveyor-Cum-DDG(Tech.), DG Shipping, MMA, Chennai participated as Guests of Honour.

Table – 2 : NEW COURSES INTRODUCED 2021-2022

Sl. No.	Name of the Course	Approved Intake	Department
1	B.B.A., Aviation Management	60	B.B.A
2	B.B.A., Fintech and Digital Banking	60	B.B.A
3	B.B.A., Logistics and Shipping	60	B.B.A
4	B.A., Film Production	60	Visual Communication
5	B.Tech - CSE Artificial Intelligence and Machine Learning	60	CSE

6	B.Tech - CSE Data Science	60	CSE
7	M.B.A. - Hospital and Healthcare Management	60	M.B.A
8	M.Sc., Yoga	30	Yoga
9	Diploma in Marine Engineering	60	Marine

VICE-CHANCELLOR
VELS INSTITUTE OF SCIENCE
TECHNOLOGY & ADVANCED STUDIES
(VISTAS)
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Uthukottai Taluk, Tiruvallur District - 601 102
www.velsmedicalcollege.com

MAHAVIR INSTITUTE OF MEDICAL SCIENCES (MIMS)
VIKARABAD, HYDERABAD- TELANGANA
www.mahavirmedicalcollege.org

SRI VENKATESWARA DENTAL COLLEGE & HOSPITAL
Thalambur, Chennai
www.svdentalcollege.com

MEGHNA INSTITUTE OF DENTAL SCIENCES (MIDS)
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www.meghnadentalcollege.com

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www.velnursingcollege.com

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