

**Annual Report
2020-21**

**Visakha Govt Degree College for
Women
Affiliated to Andhra University**

The 46th Annual Report
1st June 2020-31st December 2021

1. Name of college: Visakha Govt Degree College for Women

Visakha Government Degree College for Women is located in Visakhapatnam city in the state of Andhra Pradesh. This College exclusively for Women established in the year 1975 with the name Visakha Women's College Society. The college has always been forefront in adapting new technologies for enhancement of teaching learning quality. The college has been regularly taking measures to upgrade infrastructural facilities to meet the requirements of its increasing strength.

The campus today consists of an administrative block, separate laboratory block and classroom complex with 3 Digital & 3 Virtual classrooms, playground, open air stage, parking area, botanical gardens etc.

❖ Curriculum Enrichment:

A robust institutional level mechanism for feedback from students and staff is well established. IQAC collects the feedback annually from students and staff, analyzes and takes the appropriate action. Based on the feedback we have introduced the following need-based Certificate Courses.

1. Computerized Accounting- commerce Department
2. Performing Arts Dance and Music-Telugu Department
3. Communication skills and Personality development- English Department
4. Role of Women in Environment Protection- Zoology Department

Apart from certificate courses mentioned above, we introduced the following new Market oriented Courses from this academic year

BSc- Data Science, Statistics, Computer Science
BSc- Mathematics, Electronics, Internet of things
BSc- Horticulture, Botany, Chemistry

The following 4 new PG Courses have been introduced in the academic year 2020-21

MSc-Mathematics
M.Com
MA-Telugu
MA-Economics

Total No. of UG Programmes: 13

Total No. of PG Programmes: 08

2. Major activities and achievements

This academic year started in Covid Pandemic but our institution was well prepared for providing uninterrupted educational instructions to the student.

Some of the significant activities and achievements of the year are listed below:

- ❖ International outstanding Scientist award has been awarded to Dr.S.Shobha Rani at Puducherry for her valuable contribution in the field of research.
- ❖ Research Guideship has been allotted to Dr.S.SHOBHA RANI, Principal, Dr.Karri Sudha,Lecturer in Hindi, Dr.R.Haritha ,Lecturer in Biotechnology,Dr. Ch.Santhi Devi, Lecturer in Microbiology, Dr.R.Manjula, Lecturer in Physics Dr.P.L.Saranya,Lecturer in Physics, Dr.P.Padma Priya, English, Dr.K.Geetanjali, Economics and Dr.N.Sarada, Telugu.
- ❖ 02 Major Research Project Proposals were submitted for STRIDES Programme and a proposal has been short listed and attended for Interview at Delhi
- ❖ 07 Departments submitted proposals to UGC
- ❖ 01 MRP in biotechnology has been completed and Report submitted to UGC-SERO.
- ❖ Very proud to put forward that we have fully automated Library management software – KOHA software and Providing access to learning resources through INFLIBNET NLIST & DELNET
- ❖ Recognizing our sincere efforts in ensuring excellence in quality, our institution has been assessed by the National Education and Human Resource Development organization (NEHRD), Mumbai and awarded the Quality Brands India College Award 2019-2021.
- ❖ The institution has also been assessed for providing best educational services for graduation, post-graduation, Research, and certificate courses and certified with
 1. ISO 90001: 2015 Quality Management System
 2. ISO 4001: 2015 Environment Management System
 3. ISO 45001:2018 Occupational Health and Safety
 4. ISO 27001 Information security and management system
 5. ISO 50001: Energy management system

Students Achievements/ Honours/distinctions:

- I. We inculcate spirit of service in our students towards society through various initiatives and programs taken up by N.S.S, N.C.C, Consumer Clubs, Red Ribbon Club of our institution under Community extension services.
- II. We also motivate our students to participate in various state levels and inter collegiate level Sports events. To mention a few of the sports achievements are given below.
- III. Andhra University has conducted university level intercollegiate tournament only in Kabaddi and we secured runner-up continuously for the second time.
- IV. Our college wrestlers secured gold, silver, bronze medals at District Level and State Level wrestling competition

- V. V. Madhuri and M. Jahnvi brought Laurels to college by gaining gold medals in "Tong-iL Moo do" at national level
- VI. Our athletes won gold medal in 4X100 mtrs relay, silver medals in 20 km walk, long jump, shotput and triple jump events and secured bronze medals in Javelin throw and high Jump events at University Level
- VII. our girl students represented Andhra University teams that participated in south Zone, all India inter university tournaments in basketball, kabaddi, athletics, volley ball, Wrestling, Judo events. For the first time from our college, Meghana Ist Year student participated in all India interuniversity Yoga Competition and Sirisha participated in all India interuniversity fencing competition
- VIII. Bhoomika of 2nd Year secured Silver Medals in 100 mtrs, and 200 mtrs running, at university level.

3. Publications in UGC Notified Journals

Title of paper	Name of the author/s	Department of the teacher	Name of journal
Inhibition of proliferation of K-562 HUMAN BLOOD CANCER CELL DUE TO OPUNTIA ELATIOR FRUIT EXTRACT	Dr.S.Shobha Rani, DR.M.ROJA RANI B.YUKTA SATWIKA	Chemistry	Journal of interdisciplinary cycle research
IN VITRO AND IN SILICO EVALUATION OF CITRUS LIMON(L), BURM.F. ETHNOLIC FRUIT EXTRACT FOR ITS ANTICANCER ACTIVITY	Dr.S.Shobha Rani, DR.M.ROJA RANI Dr.G. Estheru Rani	Chemistry	THE INTERNATIONAL JOURNAL OF ANALYTICAL and EXPERIMENTAL MODEL ANALYSIS
INVETRO ANTI BACTERIAL STUDIES OF PHYTOFABRICATED AG- CO HYBRID NANO PARTICLES	Smt. Ch.S.Anuradha	Chemistry	INTERNATIO NAL JOURNAL OF CREATIVE RESEARCH(IJCRT) THOUGHTS Volume 9, Issue 3 March 2021 ISSN: 2320-2882
Growth and carbon metabolism assessment in finge millet (Elecene Caracona I gearten seedlings undergone PGP treatment subjected to NaCl stress	Smt. AHD Pushpalahta	Botany	World Wide Journal of Multidisciplinary Research and Development 72-77(2021) E-ISSN: 2454-6615

Assessment of mercury toxicity on seed germination shoot and root growth of cajan as cajan(L) Millsp	Smt. AHD Pushpalahta	Botany	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS Volume 9, Issue 1 January 2021 ISSN: 2320-2882
Growth and carbon metabolism assessment in finger millet (Eleusine indica) germinated seedlings undergone PGP treatment subjected to NaCl stress	Smt AHD Pushpalatha and Smt.S.Padmavathi	Botany	World Wide Journal of Multidisciplinary Research and Development, 72-77(2021) E-ISSN: 2454-6615
Assessment of mercury toxicity on seed germination shoot and root growth of cajan as cajan(L) Millsp	Smt.S.Padmavathi	Botany	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS Volume 9, Issue 1 January 2021 ISSN: 2320-2882
IN -VITRO CYTOTOXICITY OF BIOGENIC BIMETALLIC NANOMATERIALS AGAINST HUMAN BREAST CANCER CELLS	Dr.R.Haritha	Microbiology	INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY EDUCATIONAL RESEARCH
IN -VITRO CYTOTOXICITY OF BIOGENIC BIMETALLIC NANOMATERIALS AGAINST HUMAN BREAST CANCER CELLS	Dr.Ch.Shanti Devi	Microbiology	INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY EDUCATIONAL RESEARCH
JAATEEYODHYAMA KRUSHILO TELUGU SAAHITYAMU, PATRIKALU, BRITISH PRABHUTVAPU NIRBHANDAALU	Miss.Ch.Tejasvi	History	BHAVA VEENA UGC CARE JOURNAL (APPROVAL NO 42500)618-622, Vol.17 ISSN NO: 2456-4702, Feb2020

Newsletter: VGDCW Published Quarterly Newsletter covering the events organized in that quarter

- **Number of college teachers serving as Editors(s)/ Members of Editorial Board: 2**

S.No	Name of Faculty	Editorial Board
1.	Dr. K. Sudha	Editor, Tejasvi Astitva Research Magazine New Delhi

7. Seminars, Webinars, Workshops & Conferences organized:

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff
03-06-2020 to 03-06-2020	National webinar on Measures for Quality Enhancement and Sustenance in Higher Education
15-06-2020 to 22-06-2020	Online workshop on MOOCs SWAYAM and e-Learning Tools
07-08-2020 to 07-08-2020	National webinar on issues and role of IPR in Academia
14-09-2020 to 22-09-2020	Nine Days Online National Hindi Workshop
05-10-2020 to 05-10-2020	One Day International Webinar on Future education and career: COVID aftermath
13-10-2020 to 13-10-2020	Webinar on Quality Management System - ISO Certification
16-10-2020 to 16-10-2020	One Day International Webinar on Fitness- A defensive path for Coronavirus
11-11-2020 to 11-11-2020	One Day National webinar on DELNET

8. MoUs Signed

MOUs with following organizations have been taken up to facilitate students' growth and employment in industries:

Organisation with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU
All India Democratic Womens Association, AP	All India Democratic Womens Association, AP	2020 (05-06-2020)
Consumers Rights Organization, VSP	Consumers Rights Organization, VSP	2020 (15-08-2020)
Digicore Next training Solutions, VSP	Digicore Next training Solutions, VSP	2020 (07-07-2020)
Milestone (Handicrafts&Women welfare Society) Regd,NGO, VSP.	Milestone (Handicrafts&Women welfare Society) Regd,NGO, VSP.	2020 (05-06-2020)
Dr. Durgabhai Deshmukh Center for Womens Studies AP, VSP	Dr. Durgabhai Deshmukh Center for Womens Studies AP, VSP	2020 (05-06-2020)

CONSUMER PROTECTION COUNCIL, VISAKHAPATNAM	CONSUMER PROTECTION COUNCIL, VISAKHAPATNAM	2020 (25.11.2020)

9. Inter-institution collaborations:

Title of the collaborative activity	Name of the collaborating / linking agency with contact details	Year of collaboration	Nature of the activity
Youth Employability Programme	Tata Consultancy Services Mumbai	2021	Job training
Internshala Student Partner 21	Internshala	2021	Internship
CISCO -Edu skills programme	CISCO	2021	job training

10. Placement details:

Jawahar Knowledge Centre and Career counsel and Guidance cell extends support to students in enriching their knowledge base and acquire skills which enabled them to have a competitive edge and get placements in Multinational Corporations such as Infosys, Wipro, TCS, Amazon, Tech Mahindra, Cognizant etc

JKC (Jawahar Knowledge Center) conducted training on soft skills, interview skills & employability skills. 02 Mega job fairs and 01 mini job drives were conducted with the participation of over 25 companies which resulted in 92 campus placements.

The college facilitated the students to apply for S.S.C. exams in online process. The career guidance cell also helped the students in writing mock tests of S.S.C. exam

It also helped students to appear for entrance examination and seek admission into P.G Courses and 55 students got good ranks in PG CET.

11. Extension and outreach activities

We are committed for holistic development of the students by engaging them in various CULTURAL & LITERARY ACTIVITIES such as ESSAY WRITING, ELOCUTION, SINGING, Dance, skits etc

We inculcate spirit of service in our students towards society through various initiatives and

programs taken up by N.S.S, N.C.C, Consumer Clubs, Red Ribbon Club of our institution under Community extension services.

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity
Awareness Campaign on World Cancer Day	Oncologist, Omega Hospitals, Vizag	Community Development	04-02-2020
Awareness on Seasonal Diseases-Corona Virus	UNACADEMY, VISAKHAPA TNAM, & Pinnacle Hospital, Vizag, Seven Hills , Hospital, Vizag	Community Development	18-02-2020
Food packets were Distributed to the Covid Patients by the NSS Volunteers	Visakha Govt, Degree College for Women, Visakhapatnam	NSS	05-05-2020
Rally on Road Safety	II Town Traffic Police Station, Visakhapatnam	NCC, YRC Students, NSS	20.01.2021
On the Occasion of NCC DAY Celebrations cadets visited Premasamajam and distributed fruits and necessities.	Visakha Govt, Degree College for Women, Visakhapatnam	NCC	28.11.2021

❖ Mobilization of Funds

College has human resource managers who initiated mobilization of the following resources for the development of the institution other than regular funding agencies.

1. Sponsor of Rs. 2.6 lakhs/- by S.Nooka Raju constructions , Visakhapatnam for ground leveling and outdoor Gym equipment
2. Working lunch sponsored by Sri Sai Samsthan Trust, Visakhapatnam for Co-co inter university team selections.
3. Rs. 10000/- donated by Alumni
4. Rs. 4350/- donated by Alumni
5. Rs. 5000 donated by philanthropist
6. Rs. 551250 mobilized from advertising boards

❖ ICT up-gradation

Visakha Government Degree College for Women continuously strives to provide state-of-the-art technologies and update its ICT facilities to ensure efficient functioning.

The infrastructure augmentation in 2020-21 includes:

- **10 Desktops (Intel i3, Intel processor based with 8 GB RAM and 1TB HDD)**

- **Laptops (i7, 751TB, 16GB RAM)**
 - **JAWS Software for differently abled students**
 - **Web Cameras and Headsets for ELL Labs**
 - **Printers**
-
- The additional Fiber Optic Cable was laid to connect various blocks of VGDCW such as the Administration Block, Commerce Block, Seminar Hall Complex, Library Building, Science Laboratories and Class room Block to the Institute LAN and for Internet access.
 - Associated equipment such as Ethernet, switches and wifi routers were also installed at different locations.
 - All buildings, Seminar halls and common areas in the campus are now wi-fi enabled.

❖ **Library development:**

New features:

- Library has extended online services by providing the access to the journals and e-books to the readers through N-List and DU databases.
- Generated the passwords online and provided to the faculty and students to access the N-List
- Provided the access to newspapers and magazines

Infrastructure:

- It has four sections namely Reading Section, Print Book Collection, Reference Section, Circulation Section and Digital Library Section.
- Central Library has a huge collection of print resources and e-resource collections.
- Print resources include Textbooks, Reference Books, Competitive Books, Newspapers, Magazines and Personality Development Books.
- The reading room and print book collection section is well furnished to accommodate 120 students at a time and provides a friendly environment for reading. Internet and reprography facility with computer system. CD's, DVD, CD-ROM databases, barcode reader, barcode printer, audio-video unit are available in our fully digitized library.

Books:

- 282 new books were sponsored by philanthropist
- Subscribed magazines were procured and indexed.
- Task related to the binding of books is also completed in time.

Technology up-gradation:

Library Automation: All the active book collection is updated in the library software database and the online public access catalogue (OPAC) is available for students and faculty members. The issue and return of books have been activated in the library software.

OPAC: The library has developed the database of its own collection using the library software. Library is fully computerized with barcode-based issue-and return process, online public access catalogue (OPAC) facility is made available in the central library. OPAC facility makes it convenient for the students and staff to search for the required books based on certain criteria such as Title, Author, Subject name etc.

E- Resources

The library is a member of N-list consortia of INFLIBNET (Information Library Network). Under this Consortia Central Library provides more than 31,35,000+ eBooks and 6000+ e journals to students and faculty members. It has access to more than 6000+ e-journals under the N-LIST programme of INFLIBNET. Under this service online access to full text e-books from publishers such as Springer, Taylor and Francis, Web of Science and Wiley is enabled through N-List.

Faculty strength:

Total	Regular Faculty	Contract Faculty	Guest Faculty
62	31	4	29

❖ Result Analysis:

Year	Program Code	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination
2020-21	1	BSC-MPC (Mathematics, Physics, Chemistry)	39	39
2020-21	2	BSC-MPCs(Maths, Physics, Computer Science)	46	45
2020-21	95	BSC-MBC(Microbiology, Botany, Chemistry)	19	19
2020-21	37	BSC-BBC(Bio-Technology, Botany, Chemistry)	21	20
2020-21	0	B.Com	75	68
2020-21	1	BA-HEP(History, Economics, Political Science)	34	33
2020-21	86	BA-PEP(Psychology, Economics, Political Science)	30	29
2020-21	32	BA-SwEP(Social Work, Economics, Political Science)	24	24

Other significant information

1. The college facilitated development and usage of innovative teaching and learning practices by the teachers such as online Classes through Google meet, Concept maps, Google classroom, Moodle, Video lessons, Blended learning and College LMS (learning Management system).

2. Consultancy Services: Psychological counseling provided to Visakha Govt Junior College for Women by Department of Psychology.

We are determined to continue our endeavors to achieve our vision

“Empower Women to attain Excellence through quality and value-based education”