



A.V.COLLEGE OF ARTS , SCIENCE & COMMERCE

Domalguda, Hyderabad - 500 029

(Affiliated to Osmania University)

Accredited with 'B++' Grade by NAAC(3rd Cycle)

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Vision: Empowerment Through Pursuit of Excellence

Annual Report-2023-24



VISION

'Empowerment through pursuit of Excellence'

About the College

The A. V. Education Society is one of the oldest and pioneering educational societies in the erstwhile Nizams State of Hyderabad. This society was established in the year 1944 (Reg.No.7/52) with an objective to extend educational opportunities to backward sections of the region, which were deprived of basic education during the rule of the Nizam. Stalwarts and philanthropists like Sri Raja Bahadur Venkatrama Reddy, Sri Suravaram Pratap Reddy, Sri Konda Venkata Ranga Reddy (Former Deputy Chief Minister), Sri Madapati Hanumantha Rao and Sri J.V. Narsing Rao (Former Deputy Chief Minister) who took part in the Freedom Struggle, Women's Education Movement, Library Movement, and Press Movement were instrumental in the incipience of this great educational society. It was the dream of the founding fathers to start educational institutions that would impart education in the mother tongue i.e., education in Telugu became a reality with the establishment of Andhra Vidyalaya High School, the first Telugu medium school in the erstwhile Nizam's Dominion.

A.V. College was established in 1968 as a composite college offering plus two and UG courses. It grew to occupy the status of a multidimensional institution with PG courses. The PG courses were first offered in the year 1991. K.V. Ranga Reddy Law College was set up in the same year.

The Management of the College has been stewarded by great luminaries like the late Justice K. Madhava Reddy, former Chief Justice of High Courts of Andhra Pradesh and Maharashtra. The present Management Committee consists of Justice A.Abhishek Reddy, Telangana High Court, as the President, Prof. K. Ramchandra Reddy, an eminent Professor of Psychology, as the Vice-President, Sri V. Atchyut Prasad Reddy as the Secretary and Dr. K. Gautami, as the correspondent.

The Magazine India Today has consecutively rated A.V. College as one of the best colleges in the twin cities of Hyderabad and Secunderabad.

The college is Accredited by NAAC with 'A' Grade in 2005 also re-accredited with 'A' Grade by NAAC in 2014 with the highest CGPA of 3.30 among the degree colleges in the then united Andhra Pradesh and Re-accredited with B++ Grade by NAAC in 2021 third cycle.

With a long and rewarding history of achievements behind us, our Society continues to move forward together with confidence, pride and enthusiasm and our Alumni with successful careers.

have proved how effective and operational our education system is, as our students have seized name and fame in every domain possible.

Major Events & Awards of college -2023-2024

ANGADI- A Campus Bazaar:

In line with the Government of India's *Atmanirbhar Bharat* vision, our college is committed to fostering entrepreneurial and skill development among students. **ANGADI** – A Campus Bazaar has emerged as the flagship program of our institution, serving as a platform to organize *Ideathons* and other activities aimed at inviting innovative startup ideas from students. Through this initiative, students are encouraged to explore and develop entrepreneurial skills.

As part of this endeavor, the students of AV College successfully organized **AV ANGADI** on 27th and 28th March in 2023 and 2024. The event was a vibrant blend of learning and fun, featuring a Campus Bazaar that provided a customer-centric business experience. The bazaar showcased an array of food stalls and exciting game booths, creating a dynamic and engaging environment for participants and visitors alike.



About Two International Workshop on sustainable living @ SDGs 3,5,7,11 & 12

A.V. College organized a two-day International Workshop on “Sustainable Living @ SDGs 3, 5, 7, 11 & 12” in hybrid mode, in collaboration with the Institute of Asian Studies. This pioneering event positioned A.V. College as a leader in advancing Sustainable Development Goals (SDGs) through innovative and practical initiatives.

The workshop featured distinguished speakers, including Ms. Farida Tampal, State Director, WWF India, who emphasized the interconnection between environment, society, and economy in achieving sustainable development. Other resource persons, including Mr. B.V. Subba Reddy (UNICEF), Mr. Rayadas Roy Manthana (JP Morgan Chase, USA), and Brian Richardson (GSAAA, USA), highlighted the urgency of mitigating climate change and advancing sustainability.

Students actively participated by showcasing their passion and creativity through working models, short films, skits, art forms, and startup ideas addressing critical global challenges. These presentations explored diverse dimensions of sustainable living, including health and well-being, gender equality, clean energy, sustainable cities, and responsible consumption.

Artistic expressions, including posters and cartoons, served as impactful mediums to raise awareness and provoke thought. Startup ideas, from eco-friendly fashion to renewable energy ventures, demonstrated students' entrepreneurial potential to drive positive change. Comprehensive PowerPoint presentations further enriched the discussions, presenting actionable solutions to advance specific SDGs.

At A.V. College, sustainability is a core value, guiding efforts to foster a more equitable, resilient, and sustainable future. This workshop marked a significant step towards tangible contributions in addressing pressing global challenges.



Eco-SDG Championship: A Commitment to Sustainability

Our institution's commitment to sustainability and responsible leadership is exemplified by our active participation in the Eco-SDG Championship and has been awarded S Grade (Outstanding). To advance this initiative, five Self-Help Clubs have been established to organize various programs, showcasing our dedication to creating a greener and more equitable world. VIZ.



National Seminar on Geopolitical Challenges of Asia in the 21st Century

AV College of Arts, Science, and Commerce, in collaboration with the Institute of Asian Studies, has jointly organized a National Seminar on 26 March 2024 in the College auditorium from 10:30 a.m. to 3 p.m.

The Chief Guest of the Seminar was Prof. R. Limbadri, Chairman of TSCHE.

The Speaker of the first session was Dr. Bhim Bahadur Subba, Assistant Professor, UoH.

The Speaker of the Second session was Mr. Giridhar Mamidi, a Political Analyst.

1. Objective of the Seminar:

- To create an awareness among the participants about geopolitics.
- To make participants understand the Asian continent.
- To make the participants understand the Geopolitical situation of Asia
- To identify different Geopolitical challenges faced by Asia in the 21st century
- To understand the strategies to overcome the Geopolitical challenges



A.V. College Institute Innovation Cell (IIC)

The MoE-AICTE has granted the college a 3-star IIC rating. Innovative students come up to the specialized teachers who are helping them with their work. Three faculty members have received training from the MoE to become Innovation Ambassadors. This platform encourages communication between academics and business and gives academic talent to shine and develop young people by implementing Ecosystem for Innovation.



Number of workshops/seminars/conference conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the 2023-24:

IMPACT LECTURE SESSIONS Sponsored by AICTE
Motivational Session by Successful Innovator.
Motivational Session by Successful Startup Founder
Workshop on “Entrepreneurship and Innovation as Career Opportunity”
Workshop on Entrepreneurship Skill, Attitude and Behaviour Development
“Startup ecosystem - transforming India” Panel Discussion
“Funding Opportunities for Startups”
“Mentoring Services for Entrepreneurs”
“A session on Startup Ideas for Students”
“A session on Innovations”
“Innovating the Future with Technology”
Empowerment of Youth through Entrepreneurship Development and Mentorship
Workshop on Intellectual Property Rights
World Entrepreneurs Day”
Intra Institutional Innovation Competition

Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper
1	Dr.A.Jaganmohan Reddy	<u>Advanced Numerical Problems in Chemistry</u>	
2	Dr.A.Jaganmohan Reddy		<u>Abstract 2024 jmr.docx</u>
2	Dr. B. Anjaiah		<u>Analysis of drinking water from different sources</u>
4	Dr. K. Resheta Reddy & Ms. Renu Mathur		“Detection and Prevention of Financial Statement Frauds in Financial Sector by Automation”
5	K. Swathi reviewed a Manuscript on Cancer medicine in Wiley publication.	Cancer medicine	
6	B.Anitha	Book title: Recent research in physical and chemical sciences” Book Chapter: Nanotechnology in agriculture and sustainability of environment from agrochemicals	<u>NANOTECHNOLOGY IN AGRICULTURE AND SUSTAINABILITY OF ENVIRONMENT FROM AGROCHEMICALS</u>
7	G.Umasree	Book title: Recent research in physical and chemical sciences” Book Chapter: “Budding Uninhibited by Benzimidazole (BUB-1) –The spindle fibre assembly checkpoint”	<u>PROTEIN ENGINEERING METHODS</u>
8	G.Umasree	Book title: Recent research in physical and chemical sciences” Book Chapter: “Methods and applications of Protein engineering”	<u>BUDDING UNINHIBITED BY BENZIMIDAZOLE (BUB-1) – THE SPINDLE FIBRE ASSEMBLY CHECKPOINT</u>
9	B.Anitha	Proceedings for 4th International Conference on Multidisciplinary Academic Research and Innovation	<u>THE SPINDLE FIBRE ASSEMBLY CHECKPOINT</u>
10	G.Umasree	Proceedings for 4th International Conference on Multidisciplinary Academic Research and Innovation	<u>Budding Uninhibited by Benzimidazole (BUB-1) –The spindle fibre assembly checkpoint</u>
11	G.Umasree	Proceedings for 4th International Conference on Multidisciplinary Academic Research and Innovation	<u>Methods and applications of Protein engineering</u>
12	G.Umasree	Proceedings for 4th International Conference on Multidisciplinary Academic Research and Innovation	<u>Protein folding and role of HSP 90 in cancer</u>
13	Mrs K.Swathi,	Book Title: “Interdisciplinary Research in Biological and Medical Sciences Vol. II” Book Chapter: Repurposing of Plant Compounds: Molecular Docking of Taxus Wallichiana compounds as a New Potential Inhibitor for Breast Cancer	<u>“Repurposing of Plant Compounds: Molecular Docking of Taxus Wallichiana compounds as a New Potential Inhibitor for breast cancer</u>
14	Ms. Archana Bhaganagre	“Innovations in the World of Business”	<u>Navigating the Digital Frontier: Key Digital Marketing Trends Shaping Generation Z Engagement</u>
15	Ms. Sandhya Rani	“Innovations in the World of Business”	<u>“Financial Innovations and Monetary Policy Implications”</u>

16	Dr. B. Shravani	"Innovations in the World of Business"	<u>Next-Gen Retention Strategies: Embracing Innovation through Diversity and Engagement"</u>
17	Dr. B. Shravani	"Ink & Insight Exploring Academic Writing Practices"	<u>Idea to ink: Inspiration to publication</u>
18	Dr B. Jyothi	<u>A book chapter entitled "balappravuda vyakaranam thulanatmakam" in book title Sandiparichedam for MA Telugu distance education, Osmania University</u>	
19	T. Vijaya Lakshmi,		<u>LITERATURE ON QUANTUM COMPUTING FROM INDIA:A SCIENTOMETRIC STUDY</u>
20	Dr TSPLN Prasad		<u>LITERATURE ON QUANTUM COMPUTING FROM INDIA:A SCIENTOMETRIC STUDY</u>
21	T. Vijaya Lakshmi,	<u>BOOK Chapter:Leveraging Social Media Platforms For Community Engagement And Information Dissemination - in BOOK Global Trends and Emerging Technologies in Libraries and Information Science.</u>	
22	Dr TSPLN Prasad	<u>BOOK Chapter: Leveraging Social Media Platforms For Community Engagement And Information Dissemination - in BOOK Global Trends and Emerging Technologies in Libraries and Information Science.</u>	
23	T.Sudhakar		<u>Financial cyber security of Axis bank in new education system</u>
24	Dr. B. Shravani		<u>A Study On Employee Attrition In Bpo Sector With Reference To Indian Economy"</u>

Certificate Recycling Paper

A.V. College Green Committee in association with Lions International Club organized "biggest E- Waste Collection Drive for



E-Waste Management

Organised biggest e-waste collection drive in collaboration with Lions Club International and was given an appreciation certificate for organising it successfully and also Lions club donated Rs. 50, 000 as a token of appreciation for the developing facilities in sports department.



AAHVAN-2023

AahVan-2022 is a 5- Day Orientation Program for freshers organized from - 17/10/2022- 21/10/2022 to familiarize them with the academics and the new campus environment.



Curricular Aspects:

- The college offers 26 UG and PG programmes with 20 subject combinations and 5 second languages.
- A.V. College has one of the best infrastructures in the twin cities. We have 14 Departments, 64 Class Rooms, 44 Well Equipped Laboratories, 2 Seminar Halls, an Auditorium, E-class rooms, English Language Lab, Audio Visual Hall, Research Centre, Value Education Centre, Career Guidance Cell, Health Centre & Psychology Counseling Center and Wi-fi enabled campus.
- During 2022-23 the college admitted **870** students in UG & **353** students in PG.
- The total strength of students for the academic year 2022-23 is **1222**

Academic Planning:

- The Institution is affiliated to Osmania University, and strictly adheres to the detailed syllabus, Evaluation scheme and Almanac given by the University.
- The Institution is functionally decentralised for administrative and academic convenience as per the university norms.
- Support facilities, Policies, Rules and regulations are clearly mentioned in the student handbook and HR manual for the staff and students.
- Academic committee prepares the academic calendar based on the inputs from the HOD's.
- Statutory and Non-Statutory committees contribute for effective functioning of the institution and for overall development of the students.
- HOD's/Conveners of the Committees have the autonomy to implement the curriculum and annual action plan of the department.
- Workload allotment and time-table preparation are done well in advance for effective delivery of the curriculum
- Academic committee periodically reviews the academic, co-curricular and extra-curricular activities.

Faculty Particulars

- ❖ The college has **101** Teaching staff
 - of which 24 are with Ph. D Qualified
 - 10 NET/ SLET Qualified
 - 60 Non Teaching Staff members

Final Year UG & PG results for the year 2023 – 2024

Program Code	Program Name	Pass %
401	B.Com(gen)	85.71
405	B.Com(comp appli)	95.73
111	B.A.(EPP)	83.51
351	B.A.(PSYCHOLOGY)	100.00
684	BBA	92.98
	B.Sc (Physical Science)	
441	B.Sc (MPC)	50.00
467	B.Sc (M.S.Cs)	69.47
468	B.Sc (M.P.Cs)	71.30
474	B.Sc (M.E.Cs)	78.38
443	B.Sc (MPS)	100.00
460	B.Sc (MPE)	0.00
578	B.Sc (MCCS)	40.00
	B.Sc (Life Science)	
445	B.Sc (BZC)	75.00
483	B.Sc (BCCN)	75.00
593	B.Sc (BZCN)	100.00
600	B.Sc (ZCCN)	72.22
	Total	82.53
	Including RV	
672	M.B.A	91.67
862	M.C.A	98.41
408	M.Com.	100.00
504	M.Sc(Computer Science)	93.75
503	M.Sc(Chemistry)	
509	M.Sc(Physics)	
516	M.Sc(Biotechnology)	
505	M.Sc(Mathematics)	40.00
506	M.Sc (Applied Maths)	60.00
14	M.A(Telugu)	93.10

MOUs : College has 21 MOUs

- ❖ The Dept of computer science has MOU with SANSAH INNOVATIONS PVT LTD
- ❖ The Dept of Zoology has MOU with RBVRR College
- ❖ The Dept of Biotechnology has MOU with Agri Biotech Foundation, Rajendranager
- ❖ The Dept of Biotechnology has MOU with Excel Education Services
- ❖ The Dept of Botany has MOU with Agri - Horticulture Society
- ❖ The Dept of Botany has MOU with Earth Box
- ❖ The Dept of Botany has MOU with AIESEC
- ❖ The Dept of Zoology has MOU with Govt. Women College Begumpet
- ❖ The Dept of Zoology has MOU with Collaboration with PHC Domalguda
- ❖ The Dept of Zoology has MOU with Vijaya diagnostics
- ❖ The Dept of Zoology has MOU with RBVRR College
- ❖ The Dept of Zoology has MOU with Ravi Helios Hospital
- ❖ The Dept of Chemistry UG has MOU with CSR & OYSTER
- ❖ The Dept of Chemistry UG has MOU with Kasturba Gandhi College for Women
- ❖ The Dept of Chemistry UG has MOU with Govt. Degree College, Khairatabad
- ❖ The Dept of BBA & Commerce-UG has MOU with TALLY Inst. - Bangalore
(Certificate Course)
- ❖ The Dept of BBA & Commerce-UG has MOU with CMR University
- ❖ The Dept Of Business Management has MOU with LRR Technologies PVT LTD
- ❖ The Dept Of Business Management has MOU with Deepsea Technologies (India)
Pvt. Ltd
- ❖ The Dept Of Business Management has MOU with Extreme Informatics Private
Limited
- ❖ The Dept Of Business Management has MOU with Viswam Edutech Solutions Pvt.
Ltd
- ❖ The Dept Of Business Management has MOU with Taxiemall Technologies Private
Limited

Certificate Courses offered

Sl. No.	Name of Add on /Certificate programs offered
1	Home Gardening
2	Robotic Process Automation
3	Advanced Web Technologies
4	Video Editing and Animation
5	Advanced Java Technologies
6	Machine Learning with Python
7	Java Full Stack with Pentagon
8	Data Science with Python & Java Full Stack
9	Earthing & Grounding
10	HANDS ON TRAINING PROGRAMME ON FOOD PROCESSING & PRESERVATION
11	Advanced Excel
12	First AID & CPR Training
13	RESEARCH METHODOLOGY & HANDS ON DATA ANALYSIS
14	HR Analytics from Basics to Advanced
15	Short Film Making

Students Achievements : Sports

Name of the award/ medal	Team / Individual	University/State/ National/ International	Sports/ Cultural	Name of the student	
Runner	Individual	National	Sports	J.Kiran Kumar	National softball championship - Runner
Gold Medal	Individual	State	Sports	Mohammed Hamza Abdulkhaliq	7th Elite Inter District Boxing Championship
First	Individual	State	Sports	E Anil Kumar	TS-Weight Lifting
Second	Individual	State	Sports	P Arathika	Telangana State Weightlifting Championships
First	Team	University	Sports	Sai Teja,Shiva Krishna,Chiru Deep,M Tharun,K Anirud Reddy,Kiran,Bhavana Prasad,Sai Kiran Naik,M Vijay,Shaik Khaleel Basha	Inter College Tournament-Kabaddi
Second	Team	University	Sports	K Abhinav,B Prashanth,B Akhil,S Vedhavyas,G Srinath	Inter College Tournament-Kho-Kho

				Goud, Charan Kumar, Rajesh, Gopi, M Prashanth, Sandeep Kumar, Abhishek, P Jagadish Goud, J Indra Reddy, P Vivek	
First	Individual	University	Sports	A Kalyan Yadav	Inter College Tournament-Boxing
First	Individual	University	Sports	B Tarun	Inter College Tournament-Boxing
First	Individual	University	Sports	S Devang	Inter College Tournament-Powelifiting
First	Individual	University	Sports	E Anil Kumar	Inter College Tournament-Weightlifting
Second	Individual	University	Sports	K.Sri Harsha Raj	Inter College Tournament-Boxing
Third	Individual	University	Sports	Bittu Kumar	Inter College Tournament-Boxing
Third	Individual	University	Sports	B Abhishek	Inter College Tournament-Taeknowdo

Cultural:

Name of the award/ medal	Team / Individual	University/State/National/ International	Sports/ Cultural	Name of the student	
Second	Individual	State	Cultural	Ankush Sharma	Pinnacle-24

Career Development Programs:

Approximately 1553 students benefited from career advancement programs.

S. No.	Name of Program	Date	No. of Students	association
1	CRT Programme	12-04-2023 to 27-04-2023	118	ICARE Academy
2	Azolla Cultivation	30.06.2023	85	
3	Terrace Gardening	17.07.2023	30	
4	Professional Development and Career Guidance In AI and Embedded Technologies	25-08-23	73	Institution's Innovation Council
5	Internship Training Programme	04-09-2023	56	IBM
6	Career Counselling Session	08-09-2023	30	
7	A.V Nursery Upgradation Training	23.09.2023 & 27.09.2023	20	
8	Importance of Higher Education	27-09-2023	166	ICFAI Business School
9	Guidance for Competitive Examination	01-10-2023 , 02-10-2023 , 03-10-2023	154	

10	Career development	02-10-2023	49	Holistic Nutrition Training Program
11	Blood Group Camp	3-10-23 to 7-10-23	52	
12	Programming Skills	06-11-2023, 07-11-2023, 08-11-2023	105	
13	Career Guidance Program	18-11-2023		Alumini
14	Earthing & Grounding	23/11/2023 to 22/03/2024	22	
15	One Week training programme	19-01-24 to 02-02-24	207	Magic Bus India Foundation
16	Course in “Data Visualization Through Power BI & Tableau”	22-01-2024 to 29-01-24	63	PANTECH E-learning Pvt. Ltd
17	Placement Training Programme	30-01-2024	82	Magic Bus India Foundation
18	Mental Health in Learning Environments	31-01-2024	84	Mahindra University
19	Emplability Skills	1-2-24 to 9-2-24	56	UWH
20	Training Programme-Cyber Security	02-02- 2024 to 16-02-2024	140	GradeSpot IT Solutions-(Mr.Nikhil Duth D)
21	TALLY & GST	05-02-24 to 04-03-24	60	
22	Sales and Marketing Training Programme for Youth	06-02-24	44	
23	Career orientation session by Alumni	09-02-2024	52	one window overseas
24	Awareness on Capital Market and Financial Planning	13-02-24	67	Entrepreneurship Club
25	Career Opportunities in the field of Medical Coding	15-02-2024	51	APSA
26	Training & Student Counselling	22-02-2024	56	TIMES
27	Smart Home Automation	01-03-2024 to 04-03-2023	30	
28	Student Skill Development Program	06-03-2024	31	
29	GROWTHONICS- Exploring Business World to bring up the New Entrepreneurs	14-03-2024	46	Entrepreneurship Club and IIC
30	A Webinar on Role of ChatGPT in Modern HR Practices.	30-03-2024		
31	Career Guidance Program	08-04-2024	20	Mahindra University
32	Career Prospects through Mathematical Statistics	25-04-2024	27	

Certificate Courses offerered

Name of Add on /Certificate programs offered	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year
Hydroponics	34 hr	74	74
Unlocking the Power of Data Visualization: Hands-on Power BI”	30 hr	46	46
Research Methodology and Hands on Data Analysis	30 hr	41	41
Advanced Excel	30 hr	40	40
Business Analytics	30 hr	46	46
TALLY & GST	30 hr	60	60
Certified IT Specialist	30 hr	114	84
Cisco Certified Network Associate (CCNA)	30 hr	121	79
Cyber Security	30 hr	186	140
Certificate Course - "Green Chemistry and Sustainable Packaging" - in collaboration with PCRI	30 hr	21	21
Earthing & Grounding	30 hr	22	22
Smart Home Automation	30 hr	30	30
Data Visualization Through Power BI & Tableau	30 hr	66	63
Robotics-IOT	30 hr	59	59
Python	30 hr	167	40

Students details who completed Online Certificate courses through open sources in the academic year 2023-24 :

Name of Add on /Certificate programs offered		Number of students enrolled in the year	Number of Students completing the course in the year
Java	Besant Technology	5	5
Python	Besant Technology	4	4
Software Testing	Besant Technology	1	1
Database Programming with SQL	Oracle Academy	4	4
Applied Cloud Computing for Software Development	TASK	6	6
Python for Programmers	IBM	1	1

Artificial Intelligence	MOOD INDIGO	1	1
Developer Virtual Experience Program	Accenture	1	1
Cloud Computing	MSME	1	1
DS and ML	SUMMER Analytics24	1	1
Data analysis	Khan Academy	1	1
Master Coding	Udemy	1	1
Responsive Web Design	FreeCodeCamp	1	1
Python for Data Science	COGNITIVE CLASS	1	1
Python Programming Language	Udemy	1	1
Operation Research	Udemy	1	1
Differential Equations	Udemy	2	2
Database Programming with SQL	Udemy	1	1
Coding in Python	Udemy	1	1