



## **A.V.COLLEGE OF ARTS, SCIENCE & COMMERCE**

Gaganmahal, Hyderabad-500029, Telangana  
(Affiliated to Osmania University)  
Phone: 040 – 27637751, [www.avcollege.in](http://www.avcollege.in)  
Accredited with 'B++' Grade by NAAC (3<sup>rd</sup> Cycle)  
**Vision: Empowerment Through Pursuit of Excellence**

### **54<sup>th</sup> ANNUAL DAY 2021-22**

Presented by the Principal Dr. Ch. Rajalingam

#### **Distinguished Chief Guest Prof. R. Limbadri, Chairman, TSSCH, Government of Telangana**

President of today's function Prof. G. Prakash Reddy Garu, Dr. K. Gauami Correspondent, Members of the Managing Committee, Staff, Media, Students, Ladies and Gentleman it is my proud privilege to present the Annual Report of various activities of our college for the academic year 2021-22.

A.V. College established by A.V. Education Society in 1968 as a composite college offering UG and PG courses.

The Management of the College has been stewarded by luminaries like late Justice K. Madhava Reddy, Former Chief Justice of the High Court of Andhra Pradesh, and Maharashtra.

The present Management Committee consists of Prof. K. Ramchandra Reddy, an eminent Retd. Professor of Psychology, OU as the Chairman, Prof. G. Prakash Reddy, a distinguished educationist, as Secretary, Dr. K. Gautami as Correspondent and Sri. K. Matta Reddy as Treasurer.

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.

#### **1. Curricular Aspects:**

- The college offers 25 UG and PG programmes with 18 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 2021-22 the college admitted 873 students.
- The total strength of students for the academic year 2021-22 is 2578.

Total 85% of students belong to SC, ST, BC and Minority communities.

### **Academic Planning:**

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

### **Academic Schedule**

1. Reopening of the College on 01.09.2021
2. Commencement of the classes on 01.10.2021 as per the time-table prepared well in advance & First Governing Body Meeting held on 07.01.2022 and Second Meeting on 23.05.2022.
3. Orientation Program for Fresher's conducted from 08.01.2022 to 12.01.2022.
4. Bridge courses conducted from 27.10.2021 to 28.01.2021 by all the departments.
5. Post Admission Test for Fresher's conducted department wise on 29.10.2021.
6. Allotment of Mentors from respective departments.
7. First CIE conducted department wise from 22.11.2021 to 24.11.2021.

8. Second CIE conducted department wise from 10.01.2022 to 12.01.2022.
9. Internal Examination conducted from 16.05.2022 to 18.05.2022
10. Second Internals scheduled from 06.06.2022 to 07.06.2022 and final examinations scheduled from 21.06.2022.

### **Teaching Learning and Evaluation**

- The college has 119 Teaching staff supported by 60 Non Teaching Staff members of which 24 Ph.D Holders, 7 M. Phil Holders and NET/ SLET Holders 20.

The Academic year was peaceful. Annual Plan was prepared well in advance and implemented.

- Two webinars, 12 workshops and 8 certificate courses 3 Faculty Development Programmes were conducted by the college.
- 9 Guest Lectures in all were conducted by all the departments.
- A.V. Extension Service for Rural Transformation Survey conducted for education.

Agriculture and Health in adopted villages of Nakkalapally and Mothukapally, Moinabad Mondal, Ranga Reddy District from 24.03.2022 to 03.04.2022.

- Department of Psychology conducted workshop on Mental Health Awareness Exhibition and Training Programme from 06.04.2022 to 08.04.2022.
- 37 faculty members attended National level seminars and State level seminars.
- 42 faculty members attended Faculty Development Programme (FDP).
- Our Carrer Development & Placement Cell Organized 9 Career Awareness Programs, CRT Training Programs Pre Placement online Training, Workshop on Robotic Process Automation. Training cum placement programs with Industry on – Salesforce, Tally, Video Editing and Animation are in progress,

### **2022 Placements have started**

- i) 3 On Campus Drives were held -30 offers were made
- ii) 18 Off Campus Drives were held – 26 offers have been made.
- 6. Results awaited from - Genpact, Cognizant, Capgemini, Infosys, Tech Mahindra, TCS, WIPRO, Mind Tree, Hexaware and Accenture.
- 7. 9 Final Year students got Employment oriented Google Certifications – through Common wealth of Learning scholarships worth \$ 150.

### **Other Activities**

- The Department of English edited the college hand book, News Letter and Signed on MOU with Keshav Memorial College and collaborated in organizing workshops, seminars for students and faculty conducted workshops for Administrative Staff and Organized National FDP on Personality Development and Communication Skills.
- Department of Chemistry conducted workshop on world wild life day.
- The Department of Botany organized World Environment day to promote Eco-friendly Ganesha and established A.V. Nursery of Medicinal Plants. Also organized World Ozone Day CCMB visit, Green Diwali, Avishkar and WWF ECHO Project., National Energy Conservation day, World Earth Day, World wetlands day, Initiation of Azolla Cultivation. Moriculture Urban Farming, Seed

Sowing & plantation establishment of Nakshtravanam on National Science day and Awareness Campaign on Biodiversity at Nakkalapally Village.

- The Department of Commerce conducted workshop on Consumer Rights and leadership skills. And Industrial tour was conducted to Unani Medicines Jindha Tilismath.
- Department of Sanskrit conducted two days workshop on sanskrutham vaibhavam.
- Department of Electronics 41 students are completed for paid internship programs with Kalayani Raffiles in association with P.M Office.
- Many of our Electronics students did project on IOT Smart Voice module projects in association with IOT Minds Company.
- Department of Physics & Electronics conducted Anveshan 2022.
- Department of Computer Science conducted two workshops, One Faculty Development Programme for all Teaching Staff and two months training programming on animation for final year students in association with PRAKARA Pvt, CDC & Placement Cell.
- Department of Zoology organized a Health Camp on Metabolic Imbalance and health issues in the modern lifestyle.

- Department of Social Sciences conducted Webinar on Identifying and providing support to suicide individuals on 14.09.2021 also conducted workshops on Mental Health Awareness and E-governance, Digital Economy.

### **SPORTS**

National Sub Junior Target Ball, Gold Medal Winner Mr. B. Sai Kumar, B.Com II year

### **SELECTION LIST NATIONAL/ OSMANIA UNIVERSITY- 2021-22**

Sl.No	Name of the Student	Event	LEVEL OF ACHUMENT		Roll No
1.	Mr. M.PRASHANTH	KHO-KHO	SINIOR NATIONAL	BSC( MSCS)	1053214671077
2.	Mr. S. SHANKAR	WEIGHT LIFTING	ALL INDIA INTER UNIVERSITY	BSC(MSCS )	105320467119
3.	Mr. G.ACHYUTH KUMAR	WEIGHT LIFTING	ALL INDIA INTER UNIVERSITY	BSC(MPCS )	105320468044
4.	Mr.B.Sai Kumar	TARGETBAL L	Sub Junior &Senior National	Bcom	105320405025
5.	MrP.SAI KIRAN	SWIMMING	ALL INDIA INTER UNIVERSITY	BA (EPP)	105320111081
6.	Mr. L. NAGA NITESH	BOXING	ALL INDIA INTER UNIVERSITY	BA( EPP)	105321111057
7.	Mr. G.GANGA NAYAK	FENCING	ALL INDIA INTER UNIVERSITY	BA (EPP)	105320111039
8.	Mr. J.MALLIKARUN NAYAK	TAEKWONDO	ALL INDIA INTER UNIVERSITY	BA (EEP)	10532111038
9	Mr.CHALLA SAI	NETBALL	ALL INDIA INTER UNIVERSITY	BSC(MPCs)	105321468015
10	M.PRAVALIKA	JUDO	ALL INDIA INTER UNIVERSITY	BA(EPP)	105319111031

### **2. NCC**

- The college has an Army Unit of NCC with a strength of 200 cadets. The total enrolled for this academic year is 49 in this academic year, 28 cadets passed 'C' Certificate Examination.

- The NCC Unit participated in social activities Fit India Freedom Run for Cancer, Swacha Bharth, Eco-Friendly Ganesh Rally, Ganesh immersion, Haritha Haram, and Pulse Polio, Elders Mela Voters day, Swatchh Sarvekshan Camp, Blood Donation Camp, Traffic Awareness day camp Ramarksishna Math, Dr, Aruna Memorial Camp, Dengue Ralley CRPF Ralley Pulwama, Senior Citizen day, Gandhi Jayanthi Day Camp and Raja Bahadur Venkat Rama Reddy Jayanthi, Vaccination Drive. Mr. N. Hari Krishna participated Republic Day Camp, Ms. G. Shruthi participate National Integration Camp M.S Balaji Rao participated Ex Bharat shreshtha Bharat Camp, Mr. Y.V. Rajesh participated Shivji Trail Track Camp. Ms. P. Durga Prasad participated Tirupati all India Trekking Camp. Mr. R. Sai Raj and Ameena selected for Advance Leadership Camp 2022.

### 3. NSS

- Two Units-with strength of 100 volunteers in each unit. Nss Programme Officers Dr. B. Anjaiah and Ms G. Kavitha looking after these units.
- Conducted National Youth Day Celebrations.
- Extension Lecture on Role of Youth in National Building.
- Tree Plantation Clean & Green Programme.
- Cancer Awareness Program.

Congratulations to Mr. Shiva B.A participated Republic Day Parade, Mr. M. Sreedhar, Mr. A. Pavan Kalyan, Mr. G. Jayanth and B Sowmya participated in National Intregation Camp.

- Took part in various events Clean and Green Program, Tree Plantation, Ganesh Immersion Camp Elocution Competition on Kill Cancer at University and State

Level thus, winning acclaim at Rastriya Ekta Divas, Swachh Survekshan Rally, Pulse Polio Camp Fit India Cyclothon, National Voters Day Celebration, EK Bharat Shreshta Bharat and Massive cleaning program all the levels.

#### **4. Women Empowerment Cell 2020-21**

Women Empowerment Committee aims to empower students and bring awareness on gender Sensitization. Annually the committee celebrates various days. It organized Poster presentation on Beti bachao a central Government program National level Quiz on Malala's life on Malala day was conducted online, The committee conducted Breast Cancer Online International Awareness campaign: Myths and Facts on 29th October 2021. The committee also organizes events during International programs like: International women's day on 8th March, Survey on Gender safety was organized in Volunteer meet on 25th February, the committee works in collaboration with NGOs and other committees in our college. Volunteers participate in various events organized by the committee like Open mic , Exhibitions , Mime etc which help students to enrich their skills and to be successful in their future endeavours.

#### **5. STAR STUDENTS 2021-2022**

NAME	CLASS
1 Chenna Lakshmi	BA PPP III Yr
2 N.Preethi	B.Sc MSCs III Yr
3 P. Dasaradha	B.Com (CA) III Yr
4 Priyanshi shukla	B.Com (CA) III Yr
5 Ch. Ruchitha	B.Sc (MPC) II Yr
6 Tony babu	B.Com (CA) II Yr
7 Vemulawada varunsai	B.Com (CA) II Yr



8 Pinnam Manjari	B.Com (CA) II Yr
9 D. Deepak kumar	B.Com (CA) II Yr
10 W. Mihira Bharadwaj	B.A (EPP) I Yr
11 Nandigama Myna	BA EPP I Yr
12 Byreddy Lahari	BA EPP I Yr
13 Syed Mutalib Pasha	BA EPP I Yr
14 M. Sai Ramesh	B.Com (CA) I Yr
15 P. Tharun Kumar	B.Com (CA) I Yr
16 A. Uday Kumar Reddy	B.Com (CA) I Yr
17 Kagita Aditya	B.Com (CA) I Yr

I thank Management, Teaching & NonTeaching Staff, Students, Parents and Alumni for the successful completion of the activities of the academic year. I extend my best wishes to all the students for the ensuing examinations.

**POST GRADUATE CENTRE**  
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## Annual Report 2021-2022

It's my pleasure to present the **Report of PG Centre** for the academic Year 2021- 2022. Though the College was started in 1968, the PG Programs were introduced in 1991 initially with MBA & MCA Programs.

Subsequently 8 other PG Programs namely, Mathematics- Pure & Applied, Chemistry, Physics, Biotechnology, Computer Sci, Telugu and M Com were introduced. Now I am very happy to share with you that today it has become a full fledged PG Centre and one of the biggest PG Centres under OU jurisdiction. This has been done with the initiation and foresightedness of our Honorary President Prof. K.Ramchandra Reddy. But for his constant support and encouragement this would not have been possible.

The total student strength of the PG Centre for the Academic year 2021-2022 was 808 out of total intake of 996.

<b>TOTAL INTAKE &amp; ADMITTED STUDENTS GENDERWISE OF P.G. COURSES 2020-22</b>						
<b>COURSE</b>	<b>INTAKE 2019 -20</b>	<b>INTAKE 2020 -21</b>	<b>INTAKE 2021 -22</b>	<b>ADMITTED 2019 - 20</b>	<b>ADMITTED 2020 -21</b>	<b>ADMITTED 2021 -22</b>
CHEMISTRY	36	36	36	37	37	39
PHYSICS	36	36	36	37	27	31
BIOTECHNOLOGY	36	36	36	37	37	41
MATHS	48	48	48	42	38	16
APPLIED MATHS	48	48	48	38	33	15
COMPUTER SCIENCE	48	48	48	48	49	51
M.A. TELUGU	48	48	48	49	43	20
M.COM.	48	48	48	39	41	22
MBA	60	60	60	49	60	64
MCA	60	60	60	45	60	65
<b>TOTAL STRENGTH</b>	<b>468</b>	<b>468</b>	<b>468</b>	<b>421</b>	<b>425</b>	<b>364</b>

### **Final Year Results for the year 2021 - 2022**

<b>Program Code</b>	<b>Program Name</b>	<b>Number of students appeared in the final year examination</b>	<b>Number of students passed in final year examination</b>	<b>Pass %</b>
672	M.B.A	52	49	94.23
862	M.C.A (2019-22)	42	40	95.24
	M.C.A (2020-22)	59	58	98.31
408	M.Com.	37	31	83.78
504	M.Sc(Computer Science)	38	34	89.47
503	M.Sc(Chemistry)	29	15	51.72
509	M.Sc(Physics)	19	14	73.68
516	M.Sc(Biotechnology)	33	33	100
505	M.Sc(Mathematics)	22	14	63.64

506	M.Sc(Applied Mathematics)	23	6	26.09
14	MA( Telugu)	31	27	87.1

### Placements for the year 2020- 2021

- **On-Campus placement** drive by Ennea Solutions on 20-11-2021 for M.Sc.(Comp-Sc)-2021 passed outs. 3 students were selected.

### Teaching Staff

No.of Teaching Faculty Members : **35**

Professors : 1 -Dr Vinita Sharma,

Associate Professors : 2

Assistant Professors : 32

### No. of Doctorates: 7

[2 were awarded during this academic year - Dr Satyanarayana (Telugu), Dr Jyothi (Telugu)].

3 Staff members have submitted their thesis - Mr Ch.Anjaiah (Chemistry), Mr Ganesh (Commerce), Ms Divya (MBA), and Ms Kavitha ( Biotechnology) is about to submit.

**1 Faculty - Mr Vamshi krishna Reddy is BOS member** for Bhavan's Vivekananda College, Sainikpuri from 1-4-2022

### Resource Persons-

- Prof. Vinita Sharma was Session Chair - **8th International Congress of Stress, Performance & Wellness (ICSPW 2021)** 17th to 19th December, 2021.
- Mr Sudhakar- Guest Lecture in Keshav Memorial Institution of Commerce and Science on 5/5/2022 on "Emerging trend in E-Commerce in India"

### Books Published -

- "Textbook of Biotechnology (Nucleic Acids and Bioinformatics) with Practicals" for B.Sc I Year, II Sem by K.Swathi (ISBN: 978-93-91576-05-9)(2022)

### Papers Published

- Faculty K.Swathi has published a paper entitled "INTERACTIONS OF BREAST CANCER GENES WITH RECEPTORS VIA DOCKING" 1Vaishali Jain, 2 Dr. T. Suchitra Naidu, 3A. Jaya Madhuri Lata, 4 Swathi. K , (E-ISSN 2348-1269, P- ISSN 2349-5138)
- Faculty K.Swathi and S. Anitha have published a paper entitled "Micro RNA-Gene Docking in the Strains of Oryza Sativa" Ashwini. J\*, Swathi. K\$, Anitha. S\$, Dr. T. Suchitra
- Ms Divya - Impact of Social Media on Customer Behaviour of Purchase Decision (A Study With Reference to Customers of Visakhapatnam, Andhra Pradesh) in Shodha

Prabha (UGC CARE Journal), ISSN: 0974-8946, Vol. 47, Issue. 01, No.2: 2022. [Ms.Divya](#)

- Ms Divya - Social Media Engagement and Purchase Behaviour of Generation Y - An Impact Analysis in Journal of Education: Rabindra Bharati University (UGC CARE Journal), ISSN : 0972-7175, Vol: XXIV, No. :1(IV), 2022. [Ms.Divya](#)
- Naidu#A. Jaya Madhuri Lata# Volume 7, Issue 4, April – 2022 IJISRT ( ISSN No:-2456-2165)

### **Student Workshops / Trainings/ Programs Organized :**

#### **Dept of Computer Science organized 2 workshops**

- on “PYTHON BOOTCAMP” in association with SANSAH INNOVATIONS Pvt. Ltd on 20 & 21st , Dec-2021.
- on “Mobile Application Development with Xamarin forms (.NET)” on 9th & 10th , March-2022.

#### **Dept of Biotechnology**

- M.Sc Biotechnology has participated in InSilico Homology Modelling Virtual Training Program from 24th-25th July 2021.

#### **Dept of MBA**

- A National Level [Awareness Programme](#) was organized on Entrepreneurship as a part of Azadi Ka Amrit Mahotsav (AKAM) in coordination with MSME on March 26, 2022.
- An [Investor Education Programme](#) (Convenor - Ms. Taruna Shah) titled Capital Market Awareness - Introduction to Mutual Fund & Capital Markets on July 2, 2022.
- A [workshop](#) on Developing Personality of Students to inculcate Socially Responsible Behaviour February 19, 2022.
- [Workshop](#) on Disaster Management was held on March 19, 2022
- A [workshop](#) on Developing Personality of Students to inculcate Socially Responsible Behaviour was organized on February 19, 2022.

### **Student Events Organized:**

#### **Dept of Computer Science organized**

- **Poster Presentation** on the occasion of **SAFER INTERNET DAY-2022** , organized on 18-02-2022
- **Inter Collegiate Quiz** was organized on 31-05-2022
- **Coding Competition** was organized for all Computer Science students on 09-06-2022
- **TECHXTREME-2022, a flagship** program of Comp-Sc dept., was organized (QUIZ & PAPER PRESENTATION) on 3rd & 4th, August 2022

### Student Festivals

- Departments of Computer Science : **TECHXTREME-2022**,
- Chemistry : Chemfest 2022
- MBA: E- Avirbhav 2022
- Maths : Maths Fest 2022
- Biotechnology : BioFiesta 2022

### Orientation Program

- Departments of Computer Science
- Chemistry 2
- MBA
- Biotechnology

### Student participation outside College

#### Field Trips/ Visits

1. Dept of Physics staff and students visited [Atomic Mineral Directorate, Hyderabad](#) on National Science day 28<sup>th</sup> February, 2022 and National Remote Sensing Centre, [Hyderabad](#) on 10<sup>th</sup> March, 2022.
2. Dept of Biotechnology visited Institute of Genetics on the occasion of “rare genetic diseases day “ on 28.02.2022
3. Dept of Chemistry, Physics , Biotechnology and Commerce participated in Osmania Open Day Taksh 2022

### Other Events

- Poster presentation by Faculty Ms.B.Y.Kavitha & 2nd Yr Students (A.Ketan Kumar, Anila Gudep, Divya Khatri) Participated and Won Poster Presentation won First Prize in Poster Presentation in the **International Conference on Advances of Genetic Diagnosis in the OMICS Era**” entitled Role of Ornithine Decarboxylase I Gene Mutation in Neonates on 17-18 June 2022.
- Dept of Biotechnology - Staff & students participated in **International Conference on 2nd Integrative Biology & Applied Genetics (ICIBAG-2022)** on the occasion of Mendel's Birthday Celebrations.(20 July 2022 to 22 July 2022) and Poster presented by Faculty K.Swathi & II Yr Student Divya Khatri on “ MARFANS SYNDROME” and won 2nd Prize in the competition
  - Poster was presented by Faculty B.Y.Kavitha & II Yr Students Shaik Nazneen and B.Bhavani on “Exploitation of Pathway for Molecular Targeted Therapy in Melanoma.

- Poster was presented by K.Rekhamani and S.Uma Maheshwari under S.Prashant-Asst. Prof-Osmania University.
  - M.Sc Biotechnology have participated in Telangana Social Welfare Degree College for Women, LB Nagar - IMPACT OF COVID19 from 21st-25th July 2022
- A. Bhavani attended National webinar on “ How to write an article and publish in a UGC-care journal ” organized by Dept of Commerce and Anwarul Uloom college on 17th March 2022.

### **M.Com Student Achievements and workshop's, FDPS attended :**

1. R. Yamini , M.Com, II Yr got 1<sup>st</sup> prize in “ Connect the Dots ” Organized by AVIETE 2022.
2. Durga Jyothsna, S, M.Com, 2<sup>nd</sup> year got 2<sup>nd</sup> prize in “Connect the Dots ” Organized by AVIETE 2022.
3. Durga Jyothsna, S, M.Com, 2<sup>nd</sup> year got 2<sup>nd</sup> prize in “Match Up ” Organized by AVIETE 2022.
4. Syeda Asfiya Unnisa, M.Com, 2<sup>nd</sup> year got 3<sup>rd</sup> prize in “Our Nation-Our Competition-Vision” Organized by A.V STUDENT COUNCIL 2021-22.
5. Naren, M.Com, II Yr Coordinator for “Voice And Views conference of parties” Organized by A.V STUDENT COUNCIL.
6. A. Bhavani attended National webinar on “ How to write an article and publish in a UGC-care journal ” organized by Dept of Commerce and Anwarul uloom college on 17th March 2022.
7. Faculty along with I and II Yr students attended Webinar on “How to Build an Early Career in Biotechnology” by Dr Sambashiva, Head Department of biotechnology, Nizam College on 14th June 2022
8. Whole Class of M.Sc Biotechnology have participated in Telangana Social Welfare Degree College for Women, LB Nagar - IMPACT OF COVID19 from 21st-25th July 2021.
9. A.Ketan Kumar(Winner) and Sumedha of M.Sc Biotech 1st year participated and organized in Voice and Views by A.V. Student Council on 3rd July 2021.
10. A.Ketan Kumar of M.Sc Biotech 1st year participated in Recent Development in Drug Design on 8th July 2021.
11. Whole Class of M.Sc Biotechnology have participated in InSilico Homology Modelling Virtual Training Program from 24th-25th July 2021.

12. A.Ketan Kumar,B.Sumedha (Organizers) and Nazneen of M.Sc Biotech 1st year participated in Voice and Views by A.V. Student Council on 6th November 2021.

13. A.Ketan Kumar of M.Sc Biotech 1st year participated in Malala Quiz on 12th July 2021.

### **Guest Lectures**

1. “[Recent advances in solid state physics](#)” on 25<sup>th</sup> February, 2022. By Prof. G. Prasad, (Emeritus Professor JNTU and Retd. Prof of Physics and Head, OU) -Dept of Physics

### **MOUs :**

#### **Dept of Computer entered into an**

- MOU with **PANTECH E-LEARNING Pvt. Ltd** on 27-04-2022. for FDPs, Workshops, Internships, Projects and Certificate Courses

#### **Dept of Biotechnology signed an MoU**

- Department of Biotechnology has signed an MOU with Agribiotech foundation, Rajendra Nagar on 11.10.2022

### **Social Responsibility :**

- PG Comp Science Faculty and students visited **LAALANA WELFARE ORGANISATION (Orphanage Home)** and Provided Lunch for 35 Students on 06-04-2022

### **Certificate Courses offered**

Dept of PG Comp Sc -30 hr Certificate course on “PYTHON PROGRAMMING”

### **Career Orientation Program Organized/ Attended :**

- **M.Sc Comp Sc -Career Orientation Program** in association with SANSAAH INNOVATIONS Pvt. Ltd , for all final year Computer Science students was organized on 16-11-2021
- **MSc Biotechnology**
  - Career Opportunities in Biotechnology on 03/03/2022 by Shilpa Mishra, TL, TCS
  - Opportunities on internships and Research - Project manager of Biological E Limited 20 may 2022
  - “How to Build an Early Career in Biotechnology” -Webinar by Dr Sambashiva, Head Department of biotechnology, Nizam College on 14th June 2022
  - Department of Biotechnology in collaboration with CDC Committee has organized interactive session with project manager of Biological E Limited regarding the opportunities on internships, Research on 20 may 2022- Convenor: B.Anitha

### **Important Day celebration**

**Dept Of Commerce celebrated “Importance of Mother Tongue Language in Human Life” on Feb 21,2022 by CommerceDept**

Dept of Commerce and Dept of Chemistry celebrated “**Womens Day** on 08 march 2022

Dept of Mathematics celebrated Pie Day on 14-03-2022

**Department of Biotechnology** celebrated

- World TB Day on 23.03.2022
- Hemophilia Day 18-19 april 2022
- National Vaccination Day on 16.03.2022

## **FDPs/Workshops/Conferences Attended**

### **MBA Dept**

**Dr. Vinita Sharma :**

- Participated in **FDP on Celonis Business Process Mining Expert** conducted by ICT Academy on 19th Nov, 2021.
- Certificate of Completion on **Digital Teaching Techniques** organized by ICT Academy from 21st to 25th September, 2021

**Ms. Taruna Shah attended:**

- Webinar on Services Sector in the post pandemic - Challenges and Opportunities by Sarojini Naidu Vanita Mahavidyalays during July 29-30,2022 [Taruna Shah.pdf](#)
- National Webinar on Impact of Covid-19 pandemic on Indian start-ups by KGR Institute of Technology and Management,Hyderabad on July 13,2022 [Taruna Shah.pdf](#)
- National Level FDP on **Personality development and Communication skills at Workspace** during April 25-29,2022
- A 7 day virtual Faculty Development Programme on Digital Pedagogy for 21st Century Teachers organized by School of Commerce and Management G H Rasoni University Saikheda (M.P.) during March 1-8, 2022.[Ms.Taruna Shah.pdf](#)
- A 5 day online Faculty Development Programme on Teaching Learning and Research Paedagogy for excellence in education organized by IQAC, St. Joseph's College(Arts & Science) during September 20-24. 2021.[TARUNA SHAH.pdf](#)
- An online Faculty Development Programme on Blended Learning Strategies for Higher Education organized by AICTE Training and Learning (ATAL) Academy during August 24-28, 2021.[certificate ATAL Blended Learning August 2021.pdf](#)
- A One week International Faculty Development Programme organized by the Department of English and other Foreign Languages, SRM Institute of Science and Technology during August 2-9, 2021.[Certificate of Participation ONE WEEK INTERNATIONAL FDP 2-9 August 2021 SRMIST Ramapuram.pdf](#)
- A 4 Day National Level webinar on Understanding Research Methodology and developing Research Paper writing skills organised by IQAC Cell of St. Mary's Centenary Degree College during July 21-24, 2021.[Certificate of Taruna Shah.pdf](#)



**Ms. Archana Bhaganagre attended:**

- Completed an NPTEL Online Course on Marketing Management II (Advanced Course in Marketing Management ) from February 2022 to April 2022. Wrote the examination on April 23, 2022 and topped the examination securing 82% marks.
- a Five Day National Level FDP on “Personality development and Communication skill at Workspace” from April 25-29, 2022 organized by Teaching and Learning center, A.V. College of Arts, Science and Commerce Post Graduate Centre in association with ELTI .

**Ms.Meera Sehgal attended:**

- Nine days International Level Research Summit on **Redefining social Responsibility and Ethical Leadership** from August 2-10,2021 by Jain University.[certificate of Meera Sehgal](#).
- 3 Hrs FDP on Celonsis Business Process Mining Expert on November 19,2021 [Certificate Of Meera Sehgal](#)
- One Day National Level Webinar attended on September 23, 2021
- Hybrid Research Uncovering Greater Insights and Funding Avenues [Certificate Of Meera Sehgal](#)
- One week Online Certificate Course On Digital Teaching Techniques By ICT Academy from October 25- 29,October, 2021 [Certificate Of Meera Sehgal](#)
- Five Day Online FDP attended on September 20 - 24, 2021 on “Teaching Learning and Research Pedagogy for Excellence in Education” by St. Joseph's [Certificate Of Meera Sehgal](#)

**Ms.J.Divya Attended & Published:**

- Two Week Faculty Development Programme on Research Methodology by Teaching Learning Centre, Ramanujan College, University of Delhi during July 20, 2021 to Auguts 3, 2021. [Ms. J. Divya](#)
- 5 Day International Faculty Development Programme on Writing & Publishing Research Papers in Scopus/Web of Science Journals organized by St.Joseph’s College of Arts & Science, Tamilnadu from November 22- 26, 2021 [Ms. J. Divya](#)
- 1 Week Faculty Development Programme on Commodity Markets & Derivative Training organized by St.Francis De Sales College and MCX, Nagpur during December 13-18, 2021. [Ms.J.Divya](#)
- 1 Week Faculty Development Programme on Amazon Web Services Organized by Rajiv Gandhi University of Knowledge Technologies, Basar during the period of 22-27, Aug. 2022. [Divya](#)
- 3 Day Faculty Development Programme on Microsoft Power BI Data Analyst Associate conducted by ICT Academy on 28-30, June 2022. [Ms. Divya](#)
- 2 Day Virtual National Seminar on Services Sector in Post Pandemic - Challenges & Opportunities Organized by Sarojini Naidu Vanita Maha Vidyalaya on 29 & 30, July 2022. [Ms. Divya](#)

- National Webinar on Impact of Covid-19 Pandemic on Indian Start-ups Organized by KGR Institute of Technology & Management, Hyd. on 13, July 2022. [Ms. Divya](#)
- National Research Publication on Impact of Social Media on Customer Behaviour of Purchase Decision (A Study With Reference to Customers of Visakhapatnam, Andhra Pradesh) in Shodha Prabha (UGC CARE Journal), ISSN: 0974-8946, Vol. 47, Issue. 01, No.2: 2022. [Ms.Divya](#)
- National Research Publication on Social Media Engagement and Purchase Behaviour of Generation Y - An Impact Analysis in Journal of Education: Rabindra Bharati University (UGC CARE Journal), ISSN : 0972-7175, Vol: XXIV, No. :1(IV), 2022. [Ms.Divya](#)

### **Ms. Sandhya Rani**

- Five Day National Level FDP on “Personality development and Communication skill at Workspace” from April 25-29, 2022 organized by Teaching and Learning center, A.V. College of Arts, Science and Commerce Post Graduate Centre in association with ELTI . [certificate of sandhya](#)
- 1 Week Faculty Development Programme on Amazon Web Services Organized by Rajiv Gandhi University of Knowledge Technologies, Basar during the period of 22-27, Aug.2022 [certificate of sandhya](#)
- 3 Day Faculty Development Programme on Microsoft Power BI Data Analyst Associate conducted by ICT Academy on 28-30, June 2022 [certificate](#)

### **Dept of Commerce**

1. T. Sudhakar attended 10 days virtual course on “TIPS and TRICKS for successions JRF/NET/SET exam paper” organized by the PG and Research Department of Commerce and Computer Science Govt. Science College on 7<sup>th</sup> August to 5<sup>th</sup> September 2021.
2. G. Thirumala attended 1 week FDP on Tally Prime organized by Dept of Commerce and Business Administration in collaboration with ISFS Govt. Degree College for woman on 2<sup>nd</sup> to 7<sup>th</sup> August 2021.
3. G. Thirumala attended 5 days FDP/one week online certificate teaching techniques on “Digital teaching techniques” organized by ICT Academy on 25<sup>th</sup> to 29<sup>th</sup> October 2021.
4. T. Sudhakar attended National webinar on” How to write an article and publish in a UGC-CARE Journal” organized by Dept of Commerce and Anwarul Uloom College on 17<sup>th</sup> March 2022.
5. T. Sudhakar & T.Gattaiiah attended online lecture series on “Emerging Areas In Accounting & Finance-III Lecture on Sustainability-Standards “Accounting and Reporting organized by Indian Accounting Association Hyderabad branch and department of Commerce OU on 16<sup>th</sup> July 2022.

## Dept of Physics

1. Dr. S. Gopi Krishna and Dr. TSPLN Prasad attended a Five day national FDP program on “**Methods of Material Synthesis**” organized by Department of Physics, Bhavans’ Vivekananda college of Science, Hyd.during 18-22 January,2022.
2. Dr. TSPLN Prasad attended A Five FDP programe on “**Research Methodology**” organized by Department of Management studies, Bhavans’ Vivekananda college of Science, Hyd. during 18-22 April,2022.
3. Dr. S. Gopi Krishna attended a International Conference on “**Materials –properties, Measurements and applications**” organized by Department of Physics, Fathima mata National College Kerala. During 9-13 May”, 2022.
4. Dr. TSPLN Prasad attended “**IP awareness program**” under National Intellectual property mission on July 6<sup>th</sup> 2022, organized by Intellectual Property Office, India.
5. Dr. TSPLN Prasad and T. Vijaya Lakshmi participated in “**Regional meet of IIC**” organized by MoE, Innovation cell on 12<sup>th</sup> Aug,2022 at SIST, Hyd.

## M.Sc Comp Sc

- Ms.K.Shivani attended Two-Day webinar on “**Real Time Applications on Digital Image Processing and Network security**” 4<sup>th</sup> - 5<sup>th</sup> October, 2021 organized by Bhavan’s Vivekananda College, Hyderabad
- Ms.K.Shivani attended 5-Day FDP on “Digital Teaching Techniques” from 25<sup>th</sup> - 29<sup>th</sup> October, 2021 organized by ICT Academy
- Mr.T.Vamshi Krishna Reddy has attended a 2-days national level workshop on “**How to Teach online Effectively through Onenote and Whiteboard**” from 29 to 30th Jan-2022 , organized by ESSGEE DIGISKILLS
- Ms.M.Snehalatha attended 5-Day FDP on “**Research methodology & Publication Ethics**” 7<sup>th</sup> - 11<sup>th</sup> February, 2022 organized by Department of CSI, Islamic University of Science & Technology
- Mr.T.Vamshi Krishna Reddy has attended a FDP on “**Microsoft Azure Fundamentals**” from 16 to 18th Feb-2022 , organized by ICT Academy
- Ms.M.Snehalatha attended 5-Day FDP on “**Data Analytics and Machine Learning**” 21<sup>st</sup> -25<sup>th</sup> March, 2022 organized by Mizoram University and North Eastern Hill University
- Mr. V. Bhanu Murthy, Mr. T. Vamshi Krishna Reddy, Ms. K. Shivani & Mr. S. Bala Krishna have attended a 5-Day National level FDP on “**Personality Development and Communication Skills at Workshop**” from 25 to 29th, Apr-2022 organized by A.V.College IQAC in association with ELT@I, TLC & Dept of English
- Ms.K.Shivani attended 5-Day FDP on “**Essentials for Machine Learning**” 17<sup>th</sup> to 21<sup>st</sup> May, 2022 organized by ChristUniversity, Delhi
- Ms.K.Shivani attended a National workshop on “**Ideas to IP: Practical Approach to Patenting**” 28th May, 2022 organized by Sarojini Naidu Maha Vidyalaya, Hyd
- Ms.M.Snehalatha attended the 5-Day workshop on “**Designer and Modeling of IOT, AI & ML Systems**” 1<sup>st</sup> - 5<sup>th</sup> August, 2022 organized by AICTE-ATAL Academy, Arm Education and STMicroelectronics

- Mr.S.Bala Krishna has attended a 2-days national level seminar on “ **Strategic Planning and Implementation of OBE in NEP:2020**” from 22 to 23rd, Aug-2022 , organized by IQAC, Methodist College of Eng&Tech.

### **Biotechnology Dept**

- Faculty Ms.B.Y.Kavitha, K.Swathi, B. Anitha and G.Umasree has participated in National webinar titled “Insilico Biology tools and techniques” held on 29th July 2022 organised by Department of Microbiology, St Pious X Degree and PG College for women.
- Faculty Ms.B.Y.Kavitha has participated five day hands on workshop on “Animal cell culture Technology and its application “ from 13th to 17th June organised by department of Microbiology and CPMB Osmania University
- Faculty Ms.B.Y.Kavitha has participated in the National Webinar on “Global alarm on Omicron” organised and conducted by Abhigna Biotechnology consultancy on 2nd Dec 2021.
- Faculty Ms B.Y.Kavitha has participated in Two day virtual conference celebrating 150 years of DNA discovery “DNA @150” organised by TSWREIS and FABA on 29-30 oct 2021.
- Faculty Ms.B.Y.Kavitha along with 2nd Yr Students (A.Ketan Kumar, Anila Gudep, Divya Khatri) Participated and Won Poster Presentation won First Prize in Poster Presentation in the International Conference on Advances of Genetic Diagnosis in the OMICS Era” entitled Role of Ornithine Decarboxylase I Gene Mutation in Neonates on 17-18 June 2022.
- Faculty Ms B.Y.Kavitha has completed one week online certificate course on Digital teaching Techniques organized by ICT Academy from 25 october-29 october 2021
- Poster was presented by Faculty Ms B.Y.Kavitha & II Yr Students Shaik Nazneen and B.Bhavani on “Exploitation of Pathway for Molecular Targeted Therapy in Melanoma in International Conference on 2nd Integrative Biology & Applied Genetics (ICIBAG-2022) on the occasion of Mendel's Birthday Celebrations 20 July 2022 to 22 July 2022 organized by Dept.of Genetics & Biotechnology, OU
- Faculty Ms B.Y.Kavitha has participated 5 day FDP on Recent technological advancements in life sciences” organized by Dept.of Microbiology,Bhavans vivekananda college under DBT star college scheme from 15-19 November 2021

- Faculty K.Swathi has participated in the 21 days international e- training cum orientation program(5 -25 July 2022) on " Technology Advancement and Integration in Improving Animal Health, Production and Reproduction vis-à- vis Climate Change "organized by Department of Veterinary Physiology & Biochemistry, College of Veterinary Science & A.HMhow NDVSU, Jabalpur M.P.
- Faculty K.Swathi has participated in a 5-day National level FDP on “Personality Development & Communication Skills at Workplace” from 25th to 29th April 2022 organized by IQAC in association with ELT@I, Teaching Learning Centre & Department of English, A.V. College of Arts , Science & Commerce, Hyderabad, Telangana State.

### **Extension Activity – Social Responsibility**

\_\_\_ PG Departments participated in AV Extension Service for Rural Transformation (AVESRT) at Nakkalapalli Village

Department of Commerce students did a survey on Awareness of government schemes and Digital payments while

Dept. of Computer Science conducted a survey on social media awareness, taught them how to do Online transactions and how to create gmail accounts.

Departments of Physics, Chemistry, Telugu and Biotechnology jointly did a survey on Awareness on vaccines, Technology and career development.

### **FACULTY :**

#### **Workshops Attended**

#### **Certificate Courses / MOOCs Done**

- Ms.M.Snehalatha has successfully Completed Certificate course on “ **The Complete Oracle SQL Certification Course**” from Udemy
- Ms.M.Snehalatha has successfully Completed a Certificate course on “ **Machine Learning**” by Skillup-Simplelearn
- Ms.K.Shivani Completed the online course on “**Getting Started with Hadoop**” by Skillup-Simplelearn
- Mr.S.Bala Krishna has successfully completed a certificate course on “ **Cyber Security**” by Skillup-Simplelearn

### **Memberships of Professional Bodies**

1. The Department of Physics is a Registered Member of **Atomic Energy Regulatory Board(AERB)** for purchasing and handling of Radiation materials

### **PG Library**

- *As on today the library has total **volumes of 30262 worth **Rs.69,46,535=00*****

- Journals subscribed: Total -27, MBA-19 (Sage Print& Online) & MCA-8 (Research Indian Publications) worth Rs.80,902/-
- Institutional membership -Online databases like INDIASTAT, JSTOR and INFLIBNET
- New library software NEWGENLIB installed in the library (UG & PG)  
Department of Telugu

### **Internet and Softwares**

1. Physics - Rs. 10,270/- spent on lab equipment and repairs.
2. Physics - Rs. 10,000/- spent on purchase of Library books.



**PRINCIPAL**  
**A.V. COLLEGE OF**  
**ARTS SCIENCE & COMMERCE**  
Gaganmahal, Hyd-500 029. T S

