



# AMS Arts and Science College for Women

## Autonomous NAAC Re-Accredited

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### Message from Chairperson

#### Covid 19- as accelerator of technology in education

Technology has impacted almost every aspect of life today, and education is no exception. Technology has profoundly changed education. It has greatly expanded access to education. Access to learning opportunities today is unprecedented in scope- thanks to technology and thanks to covid 19 for accelerating the use of technology in education.

Technology has begun to change the roles of teachers and learners. In the traditional classroom, the teacher is the primary source of information, and the learners passively receive it. This model of the teacher as the “sage on the stage” has been in education for a long time, and it is still very much in demand today. However, fortunately or otherwise, because of the access to information and educational opportunity that technology has enabled, in many classrooms today we see the teacher’s role shifting to the “guide on the side” as students take more responsibility for their own learning using technology to gather relevant information.

Massive amounts of information (books, audio, images, videos) are available at one’s fingertips through the Internet, and opportunities for formal learning are available online worldwide through the Khan Academy, MOOCs, podcasts, traditional online degree programs, and more.

Educational institutions across the country are beginning to redesign learning spaces to enable this new model of education, foster more interaction, and use technology as an enabler. Opportunities for communication and collaboration have also been expanded by technology. Traditionally, classrooms have been relatively isolated, and collaboration has been limited to other students in the same classroom or building. Today, technology enables forms of communication and collaboration undreamt of in the past. Students in a classroom in the rural

India, for example, can learn about the Arctic by following the expedition of a team of scientists in the region, read scientists’ blog posting, view photos, e-mail questions to the scientists, and even talk live with the scientists via a videoconference. Students can share what they are learning with students in other classrooms in other states who are tracking the same expedition. Students can collaborate on group projects using technology-based tools such as wikis and Google docs. The walls of the classrooms are no longer a barrier as technology enables new ways of learning, communicating, and working collaboratively. No doubt, ‘Technology’ is a powerful tool that can support and transform education in many ways, from making it easier for teachers to create instructional materials to enabling new ways for people to learn and work together. With the worldwide reach of the Internet and the ubiquity of smart devices that can connect to it, a new age of anytime anywhere education is dawning.

It will be up to instructional designers and educational technologies to make the most of the opportunities provided by technology to change education so that effective and efficient education is available to everyone everywhere.

Technology can deliver new educational opportunities for everyone. It offers huge opportunities to transform global education at all age levels. Technology continues to develop at a rapid pace and access to technologies such as mobile phones and the internet is growing. The use of information and communication technologies in education can play a crucial role in providing new and innovative forms of support to teachers, students, and the learning process more broadly.

Therefore one can say that Covid 19- is undoubtedly the beginning of an era of Technology Acceleration with special reference to educational institutions.

However, if technology has to play the role of educators, digital skills are necessary for taking part in this evolution. Though mobile technologies have reached even the poorest parts of the world, skill gaps remain. Even if technology is available and people have the necessary e-literacy skills, there is no guarantee that technology alone can create a quality learning environment.

Research shows that "blended learning" is more successful. This is where students experience a mix of face-to-face and online education - it recognises that not all students learn the same way. In its simplest terms, blended learning combines traditional, teacher-to-student lessons with technology-based instruction.

Perhaps the biggest hurdle confronting educators interested in blended learning, though, is the lack of a solid research base. As of now, there is still no definitive evidence that blended learning works (or doesn't.) While some studies have found encouraging results with specific programs or under certain circumstances, the question of whether blended learning positively impacts student learning still has a mostly unsatisfactory answer: "It depends."

Can Education technology deliver Personalized Learning?

In recent years, a group of organizations including the Bill & Melinda Gates Foundation, the Michael and Susan Dell Foundation, and EDUCAUSE have crafted a definition of "personalized learning" that rests on four pillars:

- i) Each student should have a "learner profile" that documents his or her strengths, weaknesses, preferences, and goals
- ii) Each student should pursue an individualized learning path that encourages him or her to set and manage personal academic goals;
- iii) Students should follow a "competency-based progression" that focuses on their ability to demonstrate mastery of a topic, rather than seat time; and,
- iv) Students' learning environments should be flexible and structured in ways that support their individual goals.

How does technology support that vision?

Educational technology is the combined use of computer hardware, software, and educational theory and practice to facilitate learning.

Learning management systems, student information systems, and other software are also used to distribute assignments, manage schedules and communications, and track student progress.

Generally, the hope is that putting devices in the hands of students will help with some or all of the following goals:

- i) Allowing teachers and software to deliver more personalized content and lessons to students, while allowing students to learn at their own pace and ability level

- ii) Helping students to become technologically skilled and literate and thus better prepared for modern workplaces
- iii) Empowering students to do more complex and creative work by allowing them to use digital and online applications and tools
- iv) Improving the administration and management of schools and classrooms by making it easier to gather information on what students know and have done
- v) Improving communications among students, teachers, and parents

However, a significant number of surveys reveal that most teachers have been slow to transform the ways they teach, despite the influx of new technology into their classrooms. There remains limited evidence to show that technology and online learning are improving learning outcomes for most students. And academics and parents alike have expressed concerns about digital distractions, ways in which unequal access to and use of technology might widen achievement gaps, and more.

Experience to date highlights that teaching and learning remotely is not the same as face-to-face pedagogy. Many teachers with access to e-content, for instance, use it like any another textbook to read from in class. Some adjustments include shorter and more modular content, more engaging content such as edutainment, continuous feedback, smaller group on-line discussions on more open-ended questions.

Education at its heart is about human connections and relationships. While we can never replace the magic that happens between great teachers and students in an in-person environment, we should focus on the social aspects of technology to enhance connections from a distance. Much more attention must be directed on how technology will enhance teaching and learning in a blended learning environment reaching students, both in school and at home.

What are the changing roles and new skills for teachers in hybrid learning systems and how can additional human connections be leveraged through technology?

Can Blended learning be the solution?

I leave this debatable issue to the learned staff and students of AMSASCW

wishing everyone good luck.

**4 days International e-Workshop on Vedic Mathematics Statistics AMSASCW from 13<sup>th</sup> to 16<sup>th</sup> July 2020**

The Department of Mathematics and Statistics Andhra Mahila Sabha Arts and Science College for Women organized a 4 days International e-workshop on Vedic Mathematics from 13<sup>th</sup> to 16<sup>th</sup> July from 3pm to 5pm. This workshop was organized with

the key initiation and support of our Chairperson Prof Usha Munipalle, Hon.Secretary and Correspondent, Prof M Srinivas, Principal Dr D Rajeshwari and Vice Principal Dr P Rajya Lakshmi. The registered participants were from Indian states and participants of other countries were from Ibra,Muscat,UAE,Philippines,Thailand,Dubai,Norway,Newyork,Dadra Nagar Haveli,Morocco and UK.

The first day of the e-workshop started with an invocation of ganapati sloka by Mrs P Sarada HOD Mathematics and Statistics AMSASCW. Then the welcome Address was given Prof M Srinivas Hon.Secretary

and Correspondent AMSASCW. The Resource Person Mr Devraj, was introduced by Ms PR Jayasree Lecturer in Mathematics.

The resource person for session I was Mr Devraj, Director, Master Trainer, Alappuzha, Kerala. Mr Devraj highlighted on the history of Indian Numerals, Indian algebra, Vedic Mathematics special contribution of Shri Barati Krishna Teerthaji, and some Vedic Mathematics methods, Urdhva Thiryak(Vertically Crosswise), squaring by Ekadhikena purvena, Yavadunam and Duplex method.

The Session II for day two was given by Mr James Glover Chairperson IAVM, Academic Director and Editor for IAVM conferences and Courses London, UK. Mrs P Sarada introduced Mr James Glover to the participants. Sir highlighted on Nikhilam method of multiplication in Vedic Mathematics and extended his lecture talk on Advaita and Vedic Mathematics. The main themes were Adi Shankara, essential aspects of Advaita Philosophy, how Advaita and Vedic Mathematics came to England, Swami Shankara charya and Bharati Krishna Teertha, Characteristics of sutras, indivisibility of one and Related sutras in Vedic Mathematics.

The Session III of third day started with address by Vice Principal Dr P Rajya Lakshmi and introduction of resource person by Ms K Arun Jyothi Lecturer in Mathematics. The resource person for this session was Mr Naveen Bhargava, Director, Aryan Vedic Mathematics, Jaipur Rajasthan gave insight into Cubing, Square roots and Cube roots, HCF and LCM. The vote of thanks for the session was given by Ms PR Jayashree.

The fourth day of Session IV was taken over by Dr Ramesh Kolluru, Senior Statistician Fluent Grid pvt Ltd Vizag, AP, also A Trainer and author of books on Vedic Mathematics. The fourth day started with the Address of the Principal Dr D Rajeshwari and the resource person was introduced by Mrs Priyanka lecturer in Statistics, AMSASCW.

Dr Ramesh Kolluru explained the topics of Multiplications of expressions, Divisibility rules, generation of Pythagoras triplets, Division by Dwajank method, Divisions of polynomials and Simultaneous equations.

The four days international e-workshop concluded with vote of thanks by Mrs G Swathi Lecturer in Statistics and national anthem.

## Dost Admissions: 2020

The Phase I Reporting was from 17<sup>th</sup> to 22<sup>nd</sup> September 2020. Registration and Web Options for Phase II was from 17<sup>th</sup> to 23<sup>rd</sup> September 2020. II Phase Seat allotment was on September 28<sup>th</sup> 2020. The Final Phase seat allotment scheduled on October 8<sup>th</sup> 2020.

This year social sciences stream followed bucket system with various combinations and the present market demand course BCom Business Analytics is introduced. The admissions were quite encouraging an increase of 97 more compared last year due introduction of new courses. In 2019 -20 the strength was 535 where as this year in 2020-21 it has increased to 632.

## To face the pandemic situation of Covid a workshop on how to use online tools for teachers was conducted by HIRE Me Team.

Hiremee has conducted a webinar on 11<sup>th</sup> Sept'2020. All the Teaching faculty attended the meeting. In this meeting they have explained how their platform helps us in conducting online exam smoothly.

They demonstrated how to create a question pool for both objective and subjective methods.

In student point of view they explained how to login for the exam, how to upload the answers how their technology helps in monitoring the exam vigilantly.

Most of the teaching faculty expressed their satisfaction in opting Hiremee to conduct online exam.

## College NSS Activities During Covid Pandemic situation 2020

The AMSASCW young NSS Volunteers are leading the way in the battle against COVID-19 through heroic acts of goodwill and support in their family and community

Through some of the harshest times, these young champions have stepped up as researchers, advocates, innovators and communicators on the frontline, promoting health and safety. Their courage and relentless determination to help those around them is a reminder of how we can achieve a healthier, safe and equal world.

Coming to the activities of the college NSS Unit students prepared videos performing Yoga at their places with family members and posted in the group with a theme "Yoga for Wellness". Fifteen students participated in a single video and that was appreciated by all. This was to create awareness to

stay fit in this pandemic situation. Total 25 students participated in videos.

Ms. Vaishnavi of B.A helped the program me officer Dr. K.Karuna Devi to prepare a video on “ EK BHARAT SHRESTHA BHARAT 2020-2021” under cultural exchange programme with Harayana state under ministry of youth & sports affairs, Govt of India and submitted to NSS Cell, Osmania University.

Under Swatch Bharat Mission- “Gandagi Mukti Bharat” students participated in cleaning their surroundings at their own homes and colonies. This was to create awareness in the locality to keep our surroundings clean in this pandemic situation. Five girls made video of going and creating awareness in their neighborhood. This was taken up from 8<sup>th</sup> to 15<sup>th</sup> Aug 2020.

50 students participates in National Webinar on “Suicide Prevention” organized by an NGO on 9<sup>th</sup> Sep 2020. This was organized after a Bollywood actor Sushant Singh Rajput committed suicid

On 3<sup>rd</sup> Sep the programme officer of Unit III Dr. K. Karuna Devi participated in “FIT INDIA Run” organized by NSS Cell, Osmania University from Arts College to NCC gate at 6:00AM to 7:00AM.

On 16<sup>th</sup> Sep 2020 10 students participated in the National Webinar “UNNAT BHARAT ABHIYAN” under National Education Policy, Govt of India. The chief guest to the webinar was Defense Minister Shri. Rajnath Sing and vote of thanks was proposed by Shri. Sanjay Dhotre, MoS Edu.

On 8<sup>th</sup> Sep 2020 10 students participated in “ International Literacy Day” by taking classes to their neigh hood . They made the videos of their activities.

On 10<sup>th</sup> & 11<sup>th</sup> Sep 2020 21<sup>st</sup> Foundation Day was celebrated. 15 students participated in the webinar. The chief guest to this programme was Shri. M. Venkaiah Naidu, Honorable Vice President of India and Dr. Tamil Sai Soundarajan Honorable Governor of Telangana.

On 24<sup>th</sup> Sep 2020, NSS Day was celebrated online. 50 students participated in competitions.

On 20<sup>th</sup> Oct 2020, 3 students rendered their services in packing food and groceries to the needy in flood affected areas organized by “AkshayaPatra”- Govt of Telangana, CM Relief drive at Narsingi.

On 31<sup>st</sup> Oct 2020, 50 students participated online for “Rashtriya Ekta Diwas” (National unity Day)

On 2<sup>nd</sup> Oct 2020 “International Day Of Non-Violence” was celebrate on Mahatma Gandhi’s birthday.

Apart from these activities many volunteers participated in voluntary work by preparing masks and distributing in the colonies for the needy people. Some participated in food distribution. Some students informed that they helped the migrants who were on the way to their village by providing food and water. This time students were disturbed as the situation was very grim. But in spite of that many volunteers came up with activities and created lot awareness through their innovative ideas and guidance of their program me officer Dr. K. Karuna Devi. It was a challenging task but an experience and opportunity to come forward to show our voluntarism.

### Gandhi Jayanthi 2<sup>nd</sup> October 2020

Due to Covid-19 pandemic the 1<sup>st</sup> Gandhi Bhavan was organized 2<sup>nd</sup> October 2020 Gandhi Jayanthi, with few members. Dr K karuna Devi IQAC Coordinator, Mrs P Sarada Gandhi Bhavan Coordinator, and Hon Secretary AMS College of Teacher Education were present, Mrs Lakshmi Director Literacy House and other staff members payed tributes to Gandhiji. Dr K Karuna Devi spoke about the importance of values and education in the present pandemic situation. The programme ended with Vaishanav Janato song and Ram Dhun.



Mrs P Sarada, Gandhi Bhavan Coordinator was the resource person on 2<sup>nd</sup> October 2020, Gandhi Jayanthi Celebrations at Aurora Degree and PG College on Life of Mahatma.

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S.No	Group	Strength
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1.	BA Other Combinations B.A.(Economics-Political Science-Public Administration)-3310, )Aided	48
2.	BA Other Combinations B.A.(Economics-Political Science-Public Administration)-3310, ) Unaided	61
	B.A.(Marketing Management- Economics-Mass Communication & Journalism)- 3310	
	B.A.(Marketing Management- Psychology-Mass Communication & Journalism)- 3310	
	B.A.(Marketing Management- Political Science-Mass Communication	
	B.A.(Economics-Psychology- Mass Communication & Journalism)-3310	
	B.A.(Economics-Political Science-Mass Communication & Journalism)-3310	
	B.A.(Economics-Psychology- Public Administration)-3310	
3.	BBA ( 2 Sections)	118
4.	BCom(Gen)	60
5.	BCom(Comp Applications) 2 Sections	120
6.	B Com Business Analytics	60
7.	BSc (BZC)	47
8.	BSc (BtZC)	40
9.	BSc(MSCs)	78
Total		632

**Prof A Nakula Reddy took charge as Director for Self Finance Courses on 11<sup>th</sup> November 2020.**

**Autonomy Team Visit 16<sup>th</sup> and 17<sup>th</sup> November 2020**

The expert committee on Autonomy visited the college on 16<sup>th</sup> and 17<sup>th</sup> November ,2020 for extension of autonomy. We are happy to inform that autonomy status was extended to 2025.

Due to COVID -19 pandemic there was delay in admission process for UG first year (BA/BSC/B.Com/BBA) through DOST. Therefore, for the benefit of students who have taken admission in UG first year and eagerly waiting for classes we

have started bridge course in the following subjects and dates mentioned below.

S.No	Date	Courses
1	09-12-2020	Bridge course on accounting for B.Com
2	11-12-2020	Mass Communication and Journalism for B.A
3	11-12-2020	Computer Science (B.Sc(MSCs)
4	14-12-2020	Economics for B.A
5	18-12-2020	Bio Technology for BSC(Bt.Z.C)
6	30-12-2020	Mathematics and statistics for BSC(MSCs)

Prof M.Usha - Chairperson, Prof.M.Srinivas - Hon. Secretary & Correspondent, Dr.K.Jhansi Rani-Principal I/c ,Prof.A.Nakula Reddy- Director, Self Finance Courses and teaching faculty of respective departments participated at the time of commencement of all bridge courses and stated the importance of bridge courses.

**The 2<sup>nd</sup> Gandhi bhavan meeting was organised by Department of English on 13<sup>th</sup> December 2019.**

The students of B.Sc participated in various programmes . The Programme was at 11.30 AM with a prayer by Mrs Shanthi Lecturer in commerce and Patriotic song by J.Nandini BtZC Ist Year. The prayer song was followed by series of speeches.

G.Praneetha of BZC Ist Year has given her speech on her favourite inspirational freedom fighter of our nation followed by Bhagawatheetha, shlokams were recited by Vaishnavi BZC Ist Year. B.Mokshitha BtZC Ist year delivered her speech. Bible was recited by J.Nandini of BtZC Ist year.Quran was recited by Mehraj Begum BtZC Ist year. B.Sathwika of BtZC Ist year delivered her speech. Olivia from BZC Ist year sang a patriotic song .

Vote of thanks was given by A.Pallavi BtZC Ist year, followed by Ramdhun by all the faculty and students .

26<sup>th</sup> Results committee of UG and 13<sup>th</sup> results committee of PG for outgoing final years was held in the OU Exam Branch. On 9<sup>th</sup> December 2020. The controller of examinations Dr Kiranmai, Principal Dr K Jhansi Rani and additional controller of examinations declared the results in presence of OU Controller of examinations Prof Sri Ram Venkatesh and Additional controllers, Dr J Vivek Vardhan, Prof Kamatam Srinivas Examinations, Dr B Ashok, Dr A krishnam Raju were present.



Digital E-learning Team

Convener: P Sarada

PR Jaya Shree

B Ramani