Success Story (RUSA)

Online Exam Centre

उत्तर महाराष्ट्र विद्यापीठाच्या ऑनलाईन परीक्षा केंद्राच्या उदघाटनप्रसंगी राज्यपाल तथा कुलपती सी.विद्यासागर राव,कुलगुरू प्रा.पी.पी.पाटील, प्र-कुलगुरू प्रा.पी.पी.माहुलीकर,व्यवस्थापन परिषद सदस्य दिलीप रामू पाटील,आयुक्त श्री.महेश झगडे,जिल्हाधिकारी किशोरराजे निंबाळकर, कुलसचिव श्री.भ.भा.पाटील,डॉ.डी.एन.गुजराथी,प्रा.समीर नारखेडे   छायाचित्र-शैलेश पाटील

Total 75 online LAN- based programs/ examinations are conducted at online examination centre and more than 15000 students/ teachers are benefitted till April 2023.

For establishment of Online examination centre, 393 desktop computers were purchased. This centre is useful for the conduct of various online examinations like PET, Ph.D. Course Work and also the Online Admission Procedure & Employability Test. As well as utilized for the training workshops and teachers capacity building programmes.

The university has expanded the Campus Area Network under RUSA by adding the additional 450+ nodes in the network in various schools on the campus. A network of nodes has been setup in the Online Examination Center. The said LAN nodes are utilized to access e-content on the campus and various network-based applications on the intranet. The moodle configuration is in progress which facilitates e-content uploading and LMS.

University has purchased 30 workstations for the upgradation of Computer Centre, School of Computer Sciences and 196 Desk top computers for various schools for computer laboratories & administrative sections where the online

administrative work is done. This includes administration sections like Affiliation, Admission, Approval, Examination centres & Finance Sections.
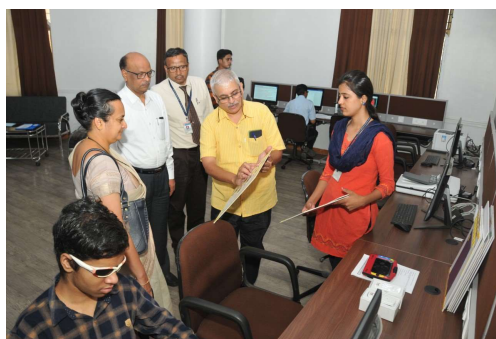

The Microsoft licenses covers various Microsoft products like Desktop Operating System, Server Operating System, Microsoft office, Microsoft Cloud which includes Email, SharePoint, office online, one drive etc. This license also includes MSDN subscription necessary for the software required by the computer sciences students. The Microsoft licenses are made available to the all the students and the cloud service is been provided to research students for their research work.

Also, Online Examination Centre is authorized Centre for conducting various online examinations conducted by state CET Cell, NTA etc.

RUSA Resource Centre for Inclusive Education

University has created this unique facility with the financial aid from RUSA Maharashtra to provide aid regarding academic resources to the divyaang community. The major objectives of this centre are to Encouraging inclusion of specially abled persons into mainstream of higher education system & to Provide assistive technology support and training to divyaang persons.
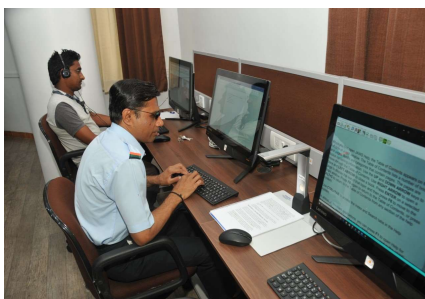

The Resource Centre has well-furnished networked computer laboratory with document scanning, printing, Internet connectivity with both wired and Wi-Fi facilities along with special software for visually impaired persons including Screen

reader software NVDA, JAWS, Zoom Text magnification cum Reader Software, English, Hindi & Marathi OCR, KIBO and many more assistive devices. Regular activities of the centre include sensitization workshops, career guidance, help in various application filling, UDID registration etc.

Along with providing assistive technology support to divyaang, we also conduct sensitization workshop for newly enrolled students and faculty members regarding inclusive education. In past centre has organized seven-day residential workshop for divyaang students from affiliated colleges on Computer Operations & Assistive Technology, and this program is proved to be very useful for them to operate computers for their daily computational needs.

This centre has come as a big helping hand for specially abled students in the campus. One of our visually impaired student Miss Sonal Mistary could not pass her examination due to lack of proper resources, but we helped her by converting her course material, books into audio format by doing OCR and then convert the text into audio (.mp3) files, we are happy to say that she passed her exam successfully and

now leading her future with more enthusiasm. Another beneficiary of this technology is the student from the rural area of district Dhule Rakesh Pawara(Visually impaired) attended the 7 days training program isd now working in banking sector with help of assistive technology knowledge.

Media Centre, AV centre and Lecture capturing studio @KBCNMU under the agis of RUSA, Maharashtra
(Technology Enabled Classroom)

The Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, owe tons of thanks to RUSA for sanctioning moderate grant of Rs. 70 Lakhs for setting up state-of-the art AV facilities on the campus. Accordingly, university has set up a Media Centre, AV Centre and Lecture capturing studio. These facilities have proved to be the boon for the technical infrastructure modernization of KBCNMU. These facilities have been appreciated a lot by the students, visitors as well as the last NAAC committee (fourth cycle). These facilities are well maintained and regularly used by the university faculty for the students on the campus. Three facilities have mostly the common infrastructure but each facility has different purpose and applications.Followings are the technical briefs of each of these facilities:

AV(Audio Visual) Hall

The 'Audio Visual Hall' of the university is housed in the Capacity Building Centre. It has the dimensions of approx. 15 m x 15 m, suitable for CBC activities. It adheres to all requirements required for addressing batch of 40-50 size.

Media Centre

The 'Media Centre' of the university is setup in the School of Environmental & Earth Sciences. The facility is housed in a well-furnished soundproof small auditorium sized hall having the dimensions 9.77 m x 19.32 m and seating capacity for 100+ persons. It adheres to all requirements required for state-of-the-art Media Centre. The facility has High end sound system, which includes DENON X2400 Dolby DTS decoder processor(used in multiplexes for live movie streaming), YAMAHA 16 channel digital mixer MX16XU, YAMAHA DSP DME-24N and JBL JRX225 main speakers and JBL control X surround sound speakers(08), JBL JRX218S subwoofers, Shure cordless-cord microphones. This kind of surround sound high end sound system and wide screen crystal clear FHD projection system gives total theatrical experience.

The facility is utilized for conducting the following programs:

- Conferences
- Workshops
- Seminars
- Student Welfare Programs
- Library programs
- For showing educational films and videos
- For developing educational e-content by the teachers and recording of video lectures for university LMS

Lecture Capturing System

The 'Lecture Capturing System' of the university is housed in the School of Chemical Sciences. The facility is housed in a well-furnished soundproof hall having the dimensions of approx. 9 m x 20 m and the seating capacity for 90 persons. Portable POTA light Studio lights are also used for video recording purpose.

It adheres to all requirements required for video lecture recording.

Additional Applications:

Besides developing educational e-content by the teachers this facility is also utilized for:

- Hosting online Conferences, Workshops, Seminars etc

- Delivering lectures and seminars by teachers and students, respectively.

Most of the equipment and software used in these facilities are made-in-India, purchased from People Link Pvt. Ltd., Hyderabad.

The technical infrastructure and their features @three venues include:

- Digital Podium (for Teacher) with inbuilt touch screen monitor with wired and wireless microphones and USB, HDMI ports for connecting additional devices such as laptop, redundant displays, projection systems, Document Visualizer, HD SETUP box for live Television channel streaming etc. The podium has built in CODEC for video conferencing facility and touch screen PC with Windows 10 OS with wired/wireless NIC for Internet connectivity. It also has a Insta controller and DSP/sound amplifier unit (Digital Signal processing) with echo cancellation feature. The external devices can be seamlessly connected in simple plug-and-play mode.

- We can use different video conferencing software such as as People link, Zoom, MS-Teams, Cisco-Webex.

- This Hall has three HD PTZ video cameras, one covering the dais and two covering the students' area.

- The FHD LT(lock and track) camera covering the dais and teacher has special motion sensors to track the movement of the speaker on the dais, this gives full

freedom to the teacher not to get constrained by the technology and make more lively delivery of his/her content in his/her style.

- The other two cameras cover the audience area, which can be zoomed by the speaker using android tablet device.

- The facility has 04 decent stereo speakers suitable for the ambience of the Hall.

- The facility has redundant displays in the form of 02 televisions along with FHD LCD projection (EPSON EB2265-U) and wide motorized projection screen. (14 feet x 8 feet)

- All external devices like LCD projector, Projection screen, hall lights, televisions, HDMI device switching, audio controls can be very easily controlled by the teacher using the android tablet suing the People Link's android app.

- PC based VC facility makes it easy for external and internal people to interact easily. Students from outside the campus as well as experts can join the facility using laptops/android phones/tablets.

- This facility is used for capacity building training activities such as interactive teaching trainings/soft skill trainings as well as for showcasing educational films to the students.

- The AV Hall and Lecture Capturing Hall are also used for small-moderate group sized brainstorming meetings.

- With the help of these facilities, university has recorded 30-40 video lectures, which were edited by our own staff and they have been successfully uploaded on the university LMS.

- These facilities were also used during COVID-19 Pandemic, to record various videos regarding examination procedures and motivational videos for the students. Four Train-the-Trainers (TTT) workshops for newly recruited teachers were conducted by the Capacity Building Ceter (CBC) of the university using these facilities.

This infrastructure has proven to be very useful for the university.