

ACHIEVEMENTS UNDER RUSA

(Major achievements under RUSA Maharashtra from 2015 to 2025)



State Project Directorate, Rashtriya Uchchatar Shiksha Abhiyan RUSA Maharashtra



Preamble

Rashtriya Uchchatar Shikha Abhiyan (RUSA)is a Centrally Sponsored Scheme (CSS) under the Ministry of Education (earlier as the Ministry of Human Resources Development) launched in 2013. Main objectives of the scheme are to expand access, improve equity and quality of education. The scheme aims to provide strategic funding to eligible State Higher Education Institutions for reforming and improving the quality of State Universities and colleges based on critical appraisal of State Higher Education Plans. Funding

The objectives of the Scheme are

- Ensure High Quality faculty and Capacity building
- Expand Access and Increase GER
- Correct regional imbalances in access to higher education
- Improve Quality and Adopt Accreditation
- Promote Autonomy and Improve Governance
- Reforms in Affiliation, Academics, Examinations
- Enable Research and Innovation
- Improve Equity through inclusion

The Government of Maharashtra vide GR No. RUSAYO 2013/PRA. KRA.418/VISHI 3 dated 20th May 2015 has approved RUSA's implementation in the State of Maharashtra.

Under State Project Directorate, Maharashtra, RUSA 1.0 and RUSA 2.0 were implemented over the 12th (2012-17) and 13th plan (2017-22) respectively for funding Universities, Government colleges, and aided colleges to achieve equity, access and excellence in higher education. The project cost for all the components is shared between the Government of India (GoI) and the Government of Maharashtra (GoM) in the ratio of 60:40.

A total of 89 projects have been sanctioned - 34 under Phase 1.0 and 55 under Phase 2.0 under 9 different components and 7 Old MDCs transferred to RUSA Maharashtra from UGC. Of these, 57 have been completed as on April 2025. All PM-USHA projects are ongoing.

Major highlights

This narrative is a glimpse of our journey since the inception of RUSA in Maharashtra and number of innovative and rigorous initiatives undertaken by us with the aim of creating a sense of passion and ownership about RUSA and the immense possibilities it holds for transforming the arena of Higher Education across the state. RUSA in Maharashtra has been instrumental in bringing the focus of policy makers, educationists and the field functionaries towards strengthening of three pillars of Access, Equity and Excellence through the following focus areas on which the edifice of Higher Education rests.

Research & Innovation

• Eight hubs set up in State Universities for commercialization or technology transfer to industry and incubate research projects that hold promise for scale-up, open to all under graduate and Post Graduate students of Maharashtra



- 1. The Centre for Intelligent Systems at Savitribai Phule Pune University
- 2. The Centre for Advanced Sensors at the Doctor Babasaheb Ambedkar Marathwada University Aurangabad
- 3. The Center for Food Product Development at SNDT Women's University Mumbai
- 4. The Centre for Bio-Actives & Natural Products at Rashtrasant Tukdoji Maharaj Nagpur University
- 5. The Centre for Renewable Resources for Health Care at Swami Ramanand Teerth Marathwada University Nanded
- 6. The Centre for Natural Products and Alternative Medicine, Shivaji University Kolhapur
- 7. RUSA and Industry sponsored Centre for VLSI System design Centre for Nanofabrics, Shivaji University Kolhapur
- 8. RUSA Center for Nano Fabrics, Shivaji University Kolhapur
- 9. RUSA Center for Excellence in Seismological Studies, Swami Ramanand Teerth Marathawada University, Nanded.







- Fifteen projects across multiple disciplines are funded.
- 28 Patents have been filed.
- 7 successful technology transfers.

Capacity Building in Research & Teaching

- 150 faculty members have been oriented on writing successful research proposals in the field of technology, science, and social science.
- Trained 75 Master trainers in the field of IPR & 2600 researchers in the field of IPR.

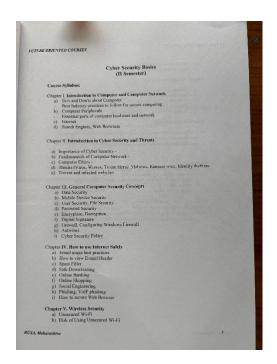


- Active IPR Cells Patent cells have been established in 7 Universities.
- Maharashtra State Faculty Development Academy (MSFDA) in Pune, established under Section 8 of Companies Act, 2013 to impart training to the faculty of Higher and Technical Education Institutions of Maharashtra launched in December 2021. Till November 2023 (2 years since inception, more than 7900 teachers and students have participated in multiple training programs conducted in this Academy.

Curriculum Reform:

• Futuristic Courses: Nine verticals were identified. Academician and Industry experts developed niche relevant courses as electives (or as a certification course) under the choice-based credit system (CBCS). Cyber Security, GIS, Data Analysis etc. Futuristic 28 three credit courses were designed and developed under these 7 verticals.





- Four Faculty Development Centres were established under Pandit Madam Mohan Malviya Scheme with the support of SPD, RUSA Maharashtra for capacity building of faculty on different courses designed by expert committee formed by RUSA Maharashtra.
 - Dr. Babasaheb Ambedkar Technological University, Lonere (DBATU) and Veermata Jijabai Technical Institute, Mumbai (VJTI) is a joint FDC for engineering teachers. It will provide the teachers with training in 'Product Design Engineering' and in 'Geo-Informatics, Spatial Computing & Big Data Analytics'.
 - The FDC at Sydenham College of Commerce and Economics, Mumbai is an FDC in "Banking, Financial Services and Insurance" for the Commerce teachers.
 - The Institute of Chemical Technology, Mumbai (ICT) FDC will provide training in Pharmacy
 - The FDC at Shivaji University, Kolhapur is a training centre for Cyber Security & GIS.



- Teachers were trained in new verticals under Madan Mohan Malaviya Teachers training scheme.
- Curriculum upgradation of Model Degree Colleges in Maharashtra
- Implementation of GST Courses in commerce colleges
 Based on study of EQUIP and other documents areas for introduction of new futuristic courses identified.
- Six Pilot Faculty Development Programs & Skill Development Programs organized by RUSA, Maharashtra in collaboration with HRDC, Mumbai University.
- HRDC, University of Mumbai funded under RUSA have organized 75 programs benefited 1500 faculties through 7 Orientation training programs trained 240 participants, 22 Refresher courses and trained 601 participants, 16 short term courses trained 521 participants, 5 Skill development programs trained 96 participants.

♣ Workshop & Seminar Conducted

- Seminars on preparing the qualitative research proposal
- State level workshop was conducted with the NAAC A grade colleges in Maharashtra for setting up of incubation & innovation centres.
- Newly appointed principals for transformative leadership in Maharashtra.
- 25 Entrepreneurship and Skill development cells are established in 25 autonomous colleges. Multiple activities and training programs are organised to develop entrepreneurial skills among students through these cells.



4 Equity Initiative

RUSA Maharashtra has sanctioned 4 Resource Centres for Inclusive Education in 4 Institutions from the Preparatory Grant. The centres act as a resource for students with different abilities to assist them in teaching-learning process. These Centres are open for all the neighbouring Institutions. The centres would also run various courses for students with Visual Impairment and Deaf/Mute. The Centres are as follows:

- 1. Shivaji University, Kolhapur
- 2. North Maharashtra University, Jalgaon is ready for inauguration



- 3. Shivaji College of Arts, Science and Commerce, Akola (Amravati University)
- 4. St. Xavier's College (Autonomous), Mumbai



Further under the Equity Initiative component, hostels for SC/ST and Girls are under construction in two State Public Universities.

Infrastructure Development:

Some of the major facilities created through Construction, Renovation & Equipment's to ensure facilities are student centric in Universities and Colleges are the following

- Creation of Digital classrooms, Virtual Classrooms for improving teaching & learning.



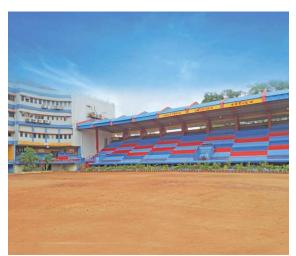


- E-Learning Studio for e- Content Development & Learning Innovation Center for developing online modules of courses





- Sports Facility for the students to compete at national and international level sports competition.











- Solar Energy Panels for saving electricity cost



- Laboratory upgradation with high-end equipment to impart hands-on training to enrich teaching, research and extension programs.





- Online examination system established at Universities and colleges
- Computerization of Universities and college departments.







- E-resources (software), Books and journals

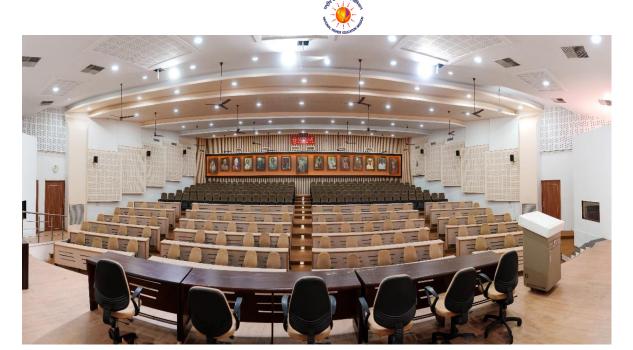




- Construction or renovation of hostels, toilets, canteens, common rooms for better facility for students and to improve student enrolment, better access.



- Renovation of academic building, administrative buildings, campus development, library, labs, auditorium, conference halls, seminar halls, classrooms, playground for improved learning and teaching.





- And other facilities which specific to Tribal Research Centre, Creation of Theater Platform, Audio Visual studio, Museum









- Online Portal System to support in teaching and learning process.

4 Governance

- All of the 12 State Universities, 3 Cluster State Universities and all the RUSA funded institutions are registered and operating transactions through Public Financial Management System (PFMS) only.
- Maharashtra has functional 3 Cluster Universities by way of conversion colleges in a cluster created through exclusive State funding though RUSA sanctioned

Leading Capacity building Workshops/Faculty Development Programs for Autonomy etc.

• Workshops, Seminars & meetings to promote autonomy, NEP, NAAC, general student welfare etc was organized for Principals, Administrative Staff & Management of colleges. 57 training programs (Online) benefiting more than 9000 faculties and students.















Quality Enhancement: Intervention for Improving the NAAC Accreditation

- Paris Sparsh Scheme, an exclusive mentoring scheme launched to facilitate NAAC accreditation of institutions of Maharashtra. Launched in December 2023.
- IUMS- Maha-IT Software with college management module
- NAAC Based Software has been developed
- SPD Dashboard for consistent financial monitoring.
- PARAMARSH Mentoring Framework and NAAC Framework 25 autonomous beneficiary colleges were paired with 5 to 6 Non-Accredited colleges to support them in mentoring.

♣ Initiatives for Model Degree Colleges

 Selected autonomous colleges are paired with model degree colleges of Maharashtra for improving the quality of education. Eight autonomous colleges for 9 Model Degree colleges.

 Signing of Memorandum of Understanding (MOU) with mentor mentee colleges under RUSA Maharashtra Scheme







♣ Enhancement of Quality & Excellence in Education and Research

- To enhance research in institutions, autonomous colleges were granted fund through which various research enhancing activities to be conducted. 25 autonomous benefited with the funding and conducted more than 50 programs and many courses benefiting more than 10000 students and 100 teachers per college.
- The hundred Crore project to Savitribai Phule Pune University (SPPU) wherein 6 Research Centres, 4 capacity building Centres, 1 Incubation Centre and upgraded infrastructure facilities is getting established to enable the University to catapult itself to an University of academic excellence thereby become a model for other HEIs.

































