## राष्ट्रीय उच्चतर शिक्षा अभियान

## राज्य प्रकल्प संचालनालय

## उच्च व तंत्रशिक्षण, महाराष्ट्र राज्य

## माननीय मंत्री महोदय



# आढावा

- केंद्र पुरस्कृत योजना (केंद्र: राज्य=६०:४०)
- २० मे २०१५ रोजी महाराष्ट्र शासन या योजनेत सामील झाले
- या अगोदरच्या सर्व योजनांचे एकत्रीकरण करण्यात आले
- सर्वसमावेशक आणि उत्कृष्टतेवर आधारित योजना
- शासकीय आणि शासन अनुदानित संस्था

- समाविष्ठ घटक पायाभूत सुविधा, गुणवत्ता, संशोधन आणि समानता
- नॅक मूल्यांकन, पायाभूत सुविधा, मानव संसाधन इत्यादींवर आधारित अनुदान
- तिसरा टप्पा : फेब्रुवारी २०२२ मध्ये घोषित, मार्गदर्शक तत्त्वे अपेक्षित आहेत

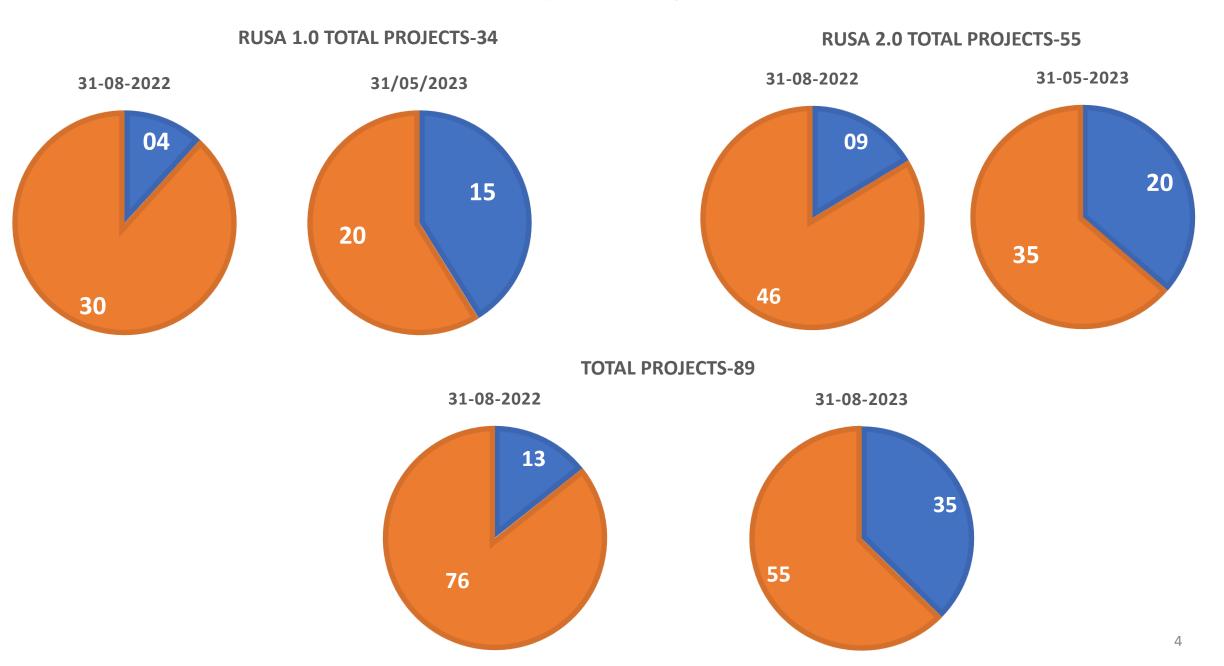


**RUSA Components** 

(Highlighted are Components allocated to Maharashtra and no.of institutes under each component)

RUSA 1.0	RUSA 2.0
Creation of Universities by Upgradation of Existing Autonomous Colleges	Creation of Universities by Upgradation of Existing Autonomous Colleges (1)
Creation of Universities by conversion of colleges in a Cluster (1)	Creation of Universities by conversion of colleges in a Cluster (2)
Infrastructure Grants to Universities (9)	Infrastructure Grants to Universities (3)
New Model Degree Colleges (General)	New Model Degree Colleges (2)
Upgradation of existing Degree Colleges to Model Degree Colleges	Upgradation of existing Degree Colleges to Model Degree Colleges
New Colleges (Professional)	New Colleges (Professional)
Infrastructure Grants to Colleges (17)	Infrastructure Grants to Colleges (22)
Research, Innovation and quality improvement (9)	Research, Innovation and quality improvement
Equity Inititatives	Equity Initiatives (2)
Faculty Recruitment Support	Faculty Recruitment Support
Faculty Improvement (1)	Faculty Improvement
Vocationalisation of Higher Education	
Leadership Development of Educational Administrators	
Institutional Restructuring and Reforms	Institutional Restructuring, Capacity Building and Reforms
Capacity building and preparation, data collection & planning	
Management Information System	
Support to Polytechnics	
Management Monitoring Evaluation and Research (MMER) (state)	
	Enhancing Quality and Excellence in select Autonomous Colleges (25)
	Quality and Excellence in select State Universities (1)

### **Physical Progress**



### Financial Progress

RUSA	Total No of	No of Projects	Funds Approved	Funds Released		Total Expenditure		Percentage Expenditu re
Phase	Projects	completed	(Rs. crore)	as on 31/10/2022	as on 31/05/2023	as on 31/10/2022	as on 31/05/2023	
RUSA 1.0	34	15	236	220.30	232.67	204.69	222.97	95.83%
RUSA 2.0	55	20	358	222.50	256.68	182.97	220.59	85.94%
Total	89	35	594	442.80	489.35	387.67	444.56	90.88%

Rs 52.47 cr recd last year : Rs 32.21 cr Central, Rs. 21.25 cr State

#### Infrastructure Grant to Colleges Total Colleges: 37 Completed : 18 Near-completion: 6

#### Under RUSA 1.0 – 17 Colleges

- 1 Rajaram College,Kolhapur
- 2 Balwant College,Vita
- 3 St.francis De Sales College, Nagpur
- 4 St.Xaviers Institute of Education, Mumbai
- 5 KEM Societys, G M Momin Women College, Ulhasnagar
- 6 Matsyodari Shikshan Sanstha Arts, science & Commerce College, Ambad, Jalna
- 7 PDEAs Annasaheb waghire Arts, Science & Commerce college, Otur, Junner, Pune
- 8 PSGVPMS Science, Commerce and SI Patil Arts College, Shahada
- 9 Loksevak Madhukarrao Choudhari College of Social work, Jalgaon
- 10 Government Institute of science, Nagpur
- 11 Vasantrao Naik College of Arts & Social Sciences, Nagpur
- 12 Govt. College of Education, Aurangabad
- 13 Government Science College, Gadchiroli
- 14 Government College of Education, Ambajogai
- 15 Arts, Science & Commerce College, Lanja
- 16 Dnyanopasak Shikshan Mandals College of Arts Commerce and Science, Parbhani
- 17 Walchand college of Arts, Science & Commerce, Solapur

	Under RUSA 2.0 – 22 Colleges
1	Government College of Education, Parbhani
2	Jankidevi Bajaj College of Science, Wardha
3	Nagindas Khandwala College Mumbai
4	M.S.Kakde college ,Someshwar
5	Hislop College, Nagpur
6	G.S. College of Commerce & Economics Nagpur
7	Sir Vitthaldas Thakrsey College of Home Science, Mumbai
8	Deccan Education Society's, Brihan Maharashtra College of Commerce, Satara
9	Government Institute of Science and Humanities Amravati
10	New Arts Science and Commerce College, Parner
11	Vivekanand College, Kolhapur
12	Nirmala Niketan College of Home Science, Mumbai
13	BPCAS College of Physical Education, Wadala Mumbai
14	Government College of Education, Ratnagiri
15	New Arts Science and Commerce College, Shevagaon, Ahemadnagar
16	Government College of Arts& Science, Aurangabad
17	Seva Sadan College of Education, Thane
	Covernment College of education Buildhana

- 18 Government College of education Buldhana
- 19 Dayanand Science College, Latur
- 20 Govt. Institute of Science, Aurangabad
- 21 Shri Maharani Tarabai Govt. College of Education, Kolhapur
- 22 Ismail Yusuf College of Arts, Science & Commerce, Mumbai

Infrastructure Grants to Colleges

@ 2 Crore per college (1.2 Crore Central, 0.8 Crore State)

Components : (i)New facility (ii) Renovation/Upgradation (iii) Equipment

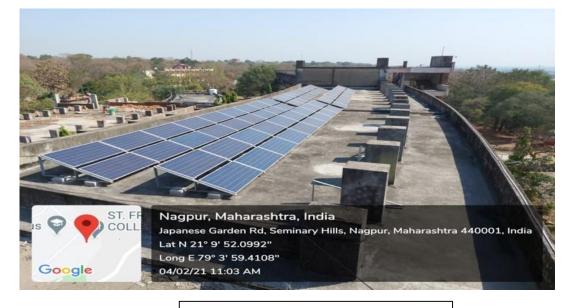
### RUSA 1 :

- 17 colleges sanctioned 2 dropped out; 8 completed, 4 about to be completed
  - Fund allocation : 34.00 cr
  - Released : 28.50 cr
  - Expenditure : 25.03 cr
  - Percentage of utilization : 87.82%
- 12 full installments, 3 have recd. 2 installments

#### RUSA 2:

- 22 colleges sanctioned 10 completed, 2 about to be completed
  - Fund allocation : 44.00 cr;
  - Released : 36.65 cr,
  - Expenditure : 31.41 cr
  - Percentage of utilization : 88.11%
- In 11 colleges, full installments released, 7 have recd. 2 installments, 4 one installment

#### St Francis de Sales College, Nagpur



#### Solar Panel Installation



Providing flooring with Epoxy coating to Basket ball court



#### Construction of 6 new classrooms



#### Acoustic treatment to auditorium

Annasaheb Waghire Arts, Science & Commerce College, Otur, Junner, Pune New 8 classrooms Virtual recording classroom



Lab renovation





Library reading room



#### Government Science College, Gadchiroli

New Canteen



Lab Equipments

Laboratory renovation

#### Dnyanopasak Shikshan Mandal, Parbhani

#### Solar panel



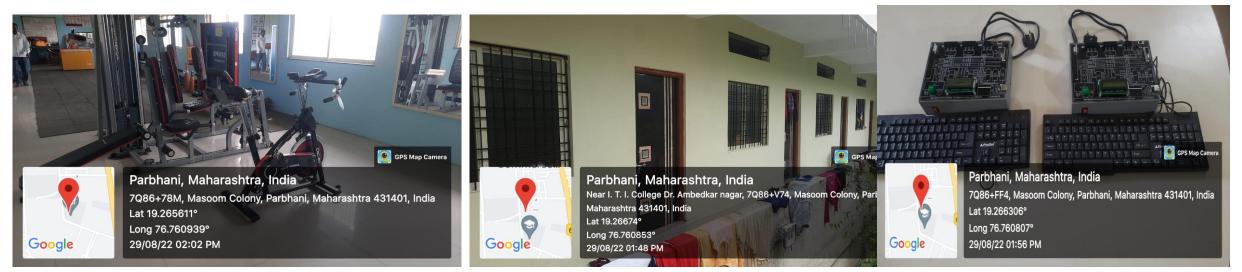
#### Upgradation of lab



#### Gym facility

#### Girls hostel

#### Computer



#### Infrastructure Grant to Universities Sanctioned Grant per Institution – 20 Cr

#### Total Univ : 12; Completed: 5; Near completion :5

	Under RUSA 1.0 – 9 Universities
1	Solapur University
2	Savitribai Phule University Pune
3	Swami Ramanand Tirth University, Nanded
4	Rashtrasant Tukadoji Maharaj, Nagpur University
5	Dr.Babasaheb Ambedkar Marathwada University,Aurangabad
6	Shivaji University Kolhapur
7	Shreemati Nathaibai Damodar Thakersey University, Mumbai
8	University of Mumbai
9	North Maharashtra University, Jalgaon
	Under RUSA 2.0 – 3 Universities
10	Sant Gadgebaba Amravati University
11	Kavi Kulguru Kalidas University,Ramtek
12	Dr. Babasaheb Ambedkar Technical University, Lonere

Infrastructure Grants to Universities

@ 20 cr per university (12 cr Central, 8 cr State)
Quality Enhancement & Improvement in Teaching & Research
To mentor other institutions

### RUSA 1 :

- 9 universities benefitted
- Fund allocation : 180.00 Cr
- Released : 180.00 Cr
- Expenditure : 178.43 Cr
- Percentage of utilization: 99.13%

## RUSA 2:

- 3 universities benefitted
- Fund allocation : 60.00 Cr
- Released : 55.00 Cr
- Expenditure : 44.39 Cr
- Percentage of utilization: 80.71%

#### Rashtrasant Tukadoji Maharaj Nagpur University



Multifacility centre



Computer lab

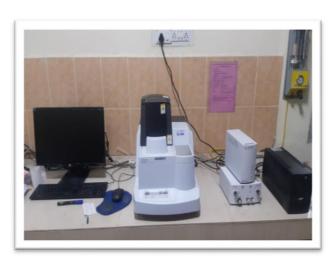


Smart classroom



Video studio @ Dept. of Mass communication







Equipments









#### **Smart/Virtual Classrooms**

**Sports Equipment** 

#### **Reconstruction of Laboratory**



**Renovation Auditorium** 

#### Shivaji University, Kolhapur



**New Construction of Girls Hostel** 

#### SANT GADGE BABA AMRAVATI UNIVERSITY

#### Microbiology Centre



#### Lab cum museum at Geology Department



Equipments at Geology lab



#### Sports facilities



#### Autonomous Colleges : Enhancing Quality Total: 25; Completed: 9; Near completion: 4

Sr. No.	Name of the College	Sr. No.	Name of the College
1	St Xavier's College Autonomous, Mumbai	14	SIES College, Mumbai
2	Sophia College for Women, Mumbai	15	Yashavantrao Chavan Institute of Science, (Autonomous), Sadar Bazar, Satara
3	Chhatrapati Shahu Institute of Business Education & Research, Kolhapur	16	B.K. Birla College of Arts, Science & Commerce, Mumbai
4	Dhanajayrao Gadgil College of Commerce, Satara	17	Hansraj Jivandas College of Education, Mumbai
5	Ramnarain Ruia Autonomous College, Mumbai	18	Mithibai College of Arts, Chauhan Institute of Science & AJ College of Commerce and Economics, Mumbai
6	Symbiosis college of Arts and Commerce, Pune	19	Rayat Shikshan Sanstha's, Karmaveer Bhaurao Patil College, Vashi
7	Dr. Bhanuben Mahendra Nanavati College of Home Science, Mumbai	20	Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
8	Changu Kana Thakur Arts, Commerce & Science College, New Panvel, Raigad	21	Jai hind College Basantsing Institute of Science and J.T. Lalvani College of Commerce, Mumbai
9	Chhatrapati Shivaji College, Satara	22	Sir Parashurambhau College, Pune
10	Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur, Solapur	23	Pratap College, Amalner
11	Guru Nanak Khalsa College of Arts, Science and Commerce (Autonomous) Matunga, Mumbai	24	R. A. Podar College of Commerce & Economics, Mumbai
12	Chikitsak Samuha's Sir Sitaram and Lady Shantabai Patkar College of Arts & Science and V. P. Varde College of Commerce and Economics, Mumbai	25	College of Social Work Nimala Niketan, Mumbai
13	S.G.M. College, Karad		

## Enhancing Quality and Excellence in select Autonomous Colleges

@ 5 cr per college (3 Cr Central, 2 Cr State)

Components : 30% Hard component (Infrastructure, renovation & equipment);

70% Soft component (Trainings, ICT facility etc.)

RUSA 1 : Nil

RUSA 2: 25 colleges benefitted

- Fund allocation : 125.00 cr
- Released : 110.90 cr
- Expenditure : 100.70 cr
- Percentage of utilization : 90.80%

In 13 colleges, full installments released, 12 have recd. 2 installments



30 Computers



New Construction : 4 classroom



E cell and Skill Hub



Gym equipment's



Dhananjay Rao Gadgil College of Commerce, Satara

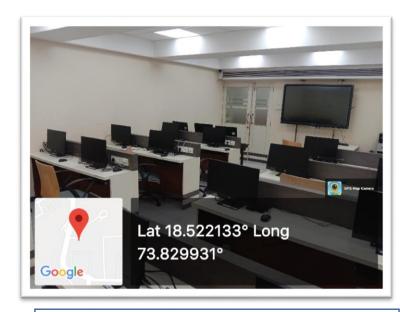
Renovation of auditorium



#### Interactive Boards



Video Conferencing - Cisco



#### **Computer Laboratory**





Center For Entrepreneurship

Symbiosis College of Arts & Commerce, Pune

St. Xavier's College, Mumbai



International Conference



#### Camera on Binocular Microscope



Magnetic Stirrer Hot plate



Autoclave







Spectrophotometer

## Select State University : Quality & Excellence

- @ 100 cr per university (Rs. 60 Central, Rs. 40 cr State)
- Components : Research & Innovation, Capacity building & Upgradation
- RUSA 1 : Nil
- RUSA 2: 1 University benefitted (Savitribai Phule Pune University)
- Fund allocation : 100 cr; Released : 34 cr; Expenditure : 30.88 cr

Grant Sanctioned 15 <sup>th</sup> PAB Jan 2019	
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Sr No	Heading	Sub-Heading	Sanctioned	Total Amount	Expenditure
			Amount (in INR Cr)	(in INR Cr)	(in INR Cr)
1	Research & Innovation			75	21.414
1.1	Center for Intelligent Systems	CIS	10		4.17
1.2	Innovation for Industry 4.0	1414	31		9.4
1.3	Center for Material Science	CMS	10		1.29
1.5	Center for Sustainable Technologies	CST	10		1.424
1.6	Center for Biological Sciences	CBS	10		4.00
1.7	Center for Public Policies and Democratic Governance	CPPDG	04		1.13
2	Capacity Building			15	2.852
2.1	Research Park Foundation (RPF)	RPF	06		0.30
2.2	Center for Employability Enhancement	CEE	05		0.62
2.3	Center for Outreach Activities	СоА	02		1.81
2.4	Center for Internationalization	CI	02		0.122
3	Upgradation & Renovation			10	6.61
3.1	Audio Visual Studio	AVS	03		0.85
3.2	Āharya Studio	Āharya	01		1.33
3.3	Synthetic Turf Facility	STF	04		2.82
3.4	Canteen	CNT	02		1.61
	GRAND TOTAL (	75+15+10)		100	30.88

## **Research & Innovation – 75 cr**

#### **Research & Innovation**

- 3000 Publications/Yr in next 10 Years
- New 100 Post-docs, 100 Research Scientists
- Centre for Industry Consultancy & Research
- 150 Patents in Next 15 Years with 5% Commercialization

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- CIS&I4I4 41 cr
- CMS&ST 20 cr
- CBS 10 cr
- CPPDG 4 cr

CIS&ESDM (Center for Intelligent Systems & Electronic System Design Manufacturing)

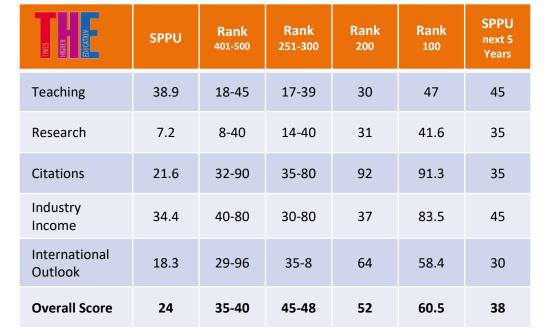


CIS

**ESDM** 

8

CMS&ST (Center for Material Sciences and Sustainable Technologies)



CBS (Center for Biological Sciences)



CBS

CPPDG (Center for Public Policies & Democratic Governance)

## Cap Bld (Capacity Building)

### (Employability Enhancement + Research Park + Internationalization + Outreach Programs)

#### **Employability Enhancement**

- Centre for Curricula & Learning Innovations
- Joint Academic Programs with Industry
- Student Facilitation Center
- Job Fairs and Campus Drive
- Promotion of self-learning, flexible learning



#### **Research Park**

- Centre for Innovation, Incubation and Entrepreneurship
- 50 New Spin-off companies in 5 years
- SPVS Section 8 Companies





#### Internationalization

- Additional 15% intake of foreign students
- 10 % Foreign Faculty
- 100 Post Doctoral Fellowships through international exchange programs



#### **Outreach Programs**

- Science and Technology Park
- Technology Transfer Office
- Innovation and Incubation Cell
- Section-8 company forming an SPV (Special Purpose Vehicle)
- Tinkering Exhibitions

## Renovation & Upgradation – 11 cr: (1 – Studio: 5 cr)

#### **Audio Visual Studio**

- A well equipped studio is necessary for the specialisation in video production of the course run by the department of media and communication studies
- Resource mobilization to the university to sustain the department's course as well as cater to the film industry needs.
- There is no such studio in Pune to cater to needs of television as well as film production



#### Aharya Studio for Centre for Performing Arts

Aaharya: The Stage-craft Studio will need a closed big room around 2000 sq. feet with few compartments/ departments in it. It will provide all technical needs for any performance under one roof.

- A. Carpentry
- B. Costume shop
- C. Lighting
- D. Sound recording room
- E. Graphics room



#### **BUDGET**

- AV Studio 4 cr
- Aaharya 1cr





## Renovation & Upgradation – 11 cr: (2 – Sports + Canteen: 6 cr)

Upgradation of 70\*70 meter play Arena with synthetic turf for out door games

- Size of Existing Play Arena 70\*70 m
- Proposed with Synthetic Turf for Outdoor Games.
- The outdoor Indians Games will be played on this Arena
- Expected Expenditure Rs. 200 lakhs.
- It will help to students of University to upgrade their skill & practice.



#### Hockey Astro Turf Court facility

- Execution of Hockey Playfield in two phases
  - Sub base
  - BM & Synthetic Play Field
- Size of Hockey Playfield 55 m X 91.40 m (as per International Standard)
- Estimated cost of Sub base Rs. 1,67,00,513 /-
- Estimated cost of BM & Synthetic Play Field Rs. 4,96,98,137 /-
- Electrification and Arena Lighting Rs. 1,36,00,000 /-
- Part of this funding is proposed to RUSA matching grants have been confirmed by partner investors



#### **BUDGET**

- Astro Turf 2.5 cr
- Outdoor Turf 1.5 cr



#### Canteen – 2 cr

- Creation of Food Mall of 713.16 sq m.
- 6 Shops of Size :15.65 sq m each.
- Covered seating: 497.67 sq m
- Toilets Ladies and Gents 31.20 sq m

#### THIRD PARTY EVALUATION OF PROJECT DONE

- Experts from multiple institutes to evaluate scope, activities to ensure quality and efficient utilisation of RUSA grant.
- Committee comprising 6 experts headed by Dr. Shailendra Kumar Shukla, from IIT, BHU conducted detailed evaluation of SPPU activities and facilities created.

#### ✓ Notable Observations

- 1. Six Centres of Excellence have been established to promote research activities.
- 2. Under these Centres 13 mini centres with potential for excellence have also been established.
- 3. The thrust areas are bio-diversity, artificial Intelligence, digital technology education, cyber security, machine designing and

production, Public Policy and demographic governance, bio-therapeutics of herbal/microbial (biological) origin,

Development of specific and sensitive diagnostic tools/testes, Finer characterisation of a disease for developing effective

therapeutics and development of personalized medicine etc.

#### ✓ Outcomes of Inspection

- 1. The committee diligently looked at the technical specifications of the equipment's purchased, infrastructure created and systems procured and found it to be of technically competent quality.
- 2. The committee went through the technical presentations by various Principal Investigators involved at these R & I Centres and found the project undertaken to be of technical importance, market and societal relevance.

#### ✓ Recommendation

 The committee after doing rigorous review of the quality of research, research publications in journals of high international repute, IP (Intellectual Property) generated, successful IP commercialisations, state-of-the-art research facilities created, proposed future plans and the systematic execution and timely submission of Utilisation Certificates to the funding agency strongly recommends the continuation of the RUSA schemes at SPPU with timely disbursement of instalments by the funding agency.

#### **Research & Innovation Projects**

### Total Projects: 9; Completed : 3; Near completion: 4

	Under RUSA 1.0 – 9 Universities
1	Savitribai Phule Pune University, Pune
2	Solapur University, Solapur
3	Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur
4	Dr. Babasaheb Ambedkar Marathawada University, Aurangabad
5	Institute of Chemical Technology, Mumbai
6	Swami Ramanand Teerth Marathawada University, Nanded
7	Shivaji University, Kolhapur
8	North Maharashtra University, Jalgaon
9	SNDT Women's University, Mumbai

### Research, Innovation & Quality : University

#### In RUSA 1 only

- Rs 20 cr sanctioned for State
- 9 Universities benefitted
- Promotion of Research (individual proposals) and Establishment of Research Centers
  - Fund allocation : 20 cr for entire State;
  - Released : 18.17 cr
  - Expenditure : 15.07 cr
  - Percentage of utilization: 82.92%

In 5 Universities, full installments released, 4 have recd. 2 installments





**RUSA Center for Natural Products & Alternative Medicine, Shivaji** University, Kolhapur



Herbo-Medicinal Centre, Swami Ramanand Teerth Marathawada University, Nanded

Solapur University, Solapur



Terracotta bangles

Terracotta pendants





#### Museum

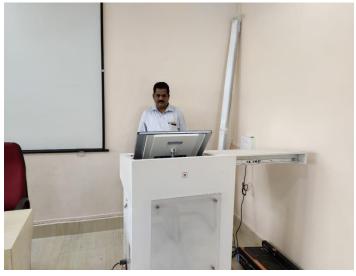
## Equity Initiative

- Rs. 5 cr to State
- Construction of hostels for SC/ST/girls students
- RUSA 1 : Nil
- RUSA 2: 2 University benefitted (Rs. 2.5 cr each (Rs. 1.5 Central, Rs. 1 cr State);
- Sant Gadge Baba Amravati University : Girls hostel : Rs 1.88 cr allocated; work yet to start (funds given to PWD)
- SNDT Women's University: Hostel construction MCGM approval pending Fund released : Rs 1.25 cr

## Faculty Improvement

- RUSA 1 only
- Rs 6 crore sanctioned
- Expenditure: 4.44 cr
- Trainings and Training Infrastructure
- HRDC, Mumbai

#### Digital podium



Smart classroom



#### Library shelf



Office room



#### Lockers



Display screen



## New Model Degree Colleges

@ 12 cr per college (Rs. 7.2 cr Central, Rs. 4.8 cr State); Aspirational & Backward districts

## Nandurbar

- AA by Govt Rs 21.06 cr (Rs. 14.80 cr for Admin building; Rs 6.26 cr for hostel)
- Admin building, Girls & Boys hostel almost ready
- Academic classes yet to start
- All 12 cr released
- 12 cr spent fully

## Washim

- 10 acres land in possession
- Encroachment issues earlier now resolved
- 6 Cr released
- No expenditure yet

## NEW MDC NADURBAR BUILDING (Near Completion)



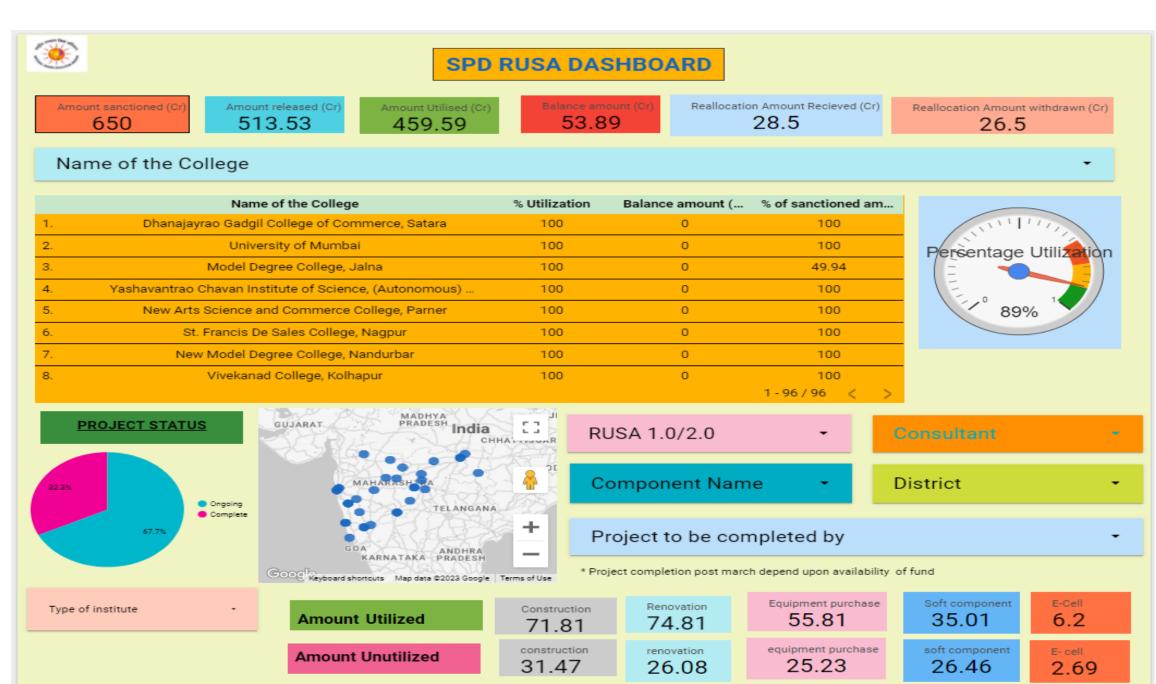


Academic Building



**Boys Hostel** 

**Girls Hostel** 



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