



**Punyashlok Ahilyadevi
Holkar Solapur University,
Solapur**



**PERSPECTIVE PLAN
2024-25 TO 2028-29
(Five-Year Plan)**

P. A. H. SOLAPUR UNIVERSITY, SOLAPUR
PERSPECTIVE PLAN 2024-25 TO 2028-29

INDEX

Sr. No	Particulars	Page No.
1	Executive Summary	02
2	Objectives	04
3	Rationale and Background Data	31
4	Proposed Action Plan	46
5	Strategies and Modes of Implementation	69
6	Deliverables	76
7	Suggestions to help implement the plan	77
8	Approvals	79

**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY,
SOLAPUR
PERSPECTIVE PLAN 2024-25 TO 2028-29**

FOREWORD

Punyashlok Ahilyadevi Holkar Solapur University, Solapur has prepared Perspective Plan for 2024-25 to 2028-29 in consultation with MAHED and guidelines issued by the Government from time to time. It gives me immense pleasure to submit the Perspective Plan 2024-25 to 2028-29 which outlines the higher education strategy of the University for the next five years. This perspective plan is prepared at the crucial juncture of implementation of the New Education Policy which aims at bringing in and introducing transforming changes in higher education in terms and focus on skill development, vocation training, ability enhancement, and multidisciplinary/interdisciplinary pools. New Education Policy has proposed transformation in the structure of existing degree programmes, teaching - learning, evaluation, etc. with a requirement for Industry 4.0. Accordingly, the committee has suggested new programmes and courses at different identified locations demanded by various take holders as well as the parameters received from higher authorities. The committee has attempted to maintain balance in the introduction of new degree programmes among Humanities, Science, Commerce & Management, Pharmacy, Interdisciplinary and other areas. The focus is also on increasing GER as well as enhancing employability skills. The academic projections and different courses useful for the Solapur community have been presented considering the educational life-line for all age groups and specially for the age group of 18 to 30 years.

I am highly thankful to Hon'ble Shri. Eknath Shinde, Chief Minister for providing this opportunity to understand the need of blending the social system with the academia of the region. I am equally thankful to Hon'ble Shri. Chandrakantdada Patil, Higher and Technical Education Minister for encouraging us to prepare this plan in the stipulated time. This has enabled us to understand the importance of framing strategies and objectives for the future growth of the University.

It is my honest thanks to all MAHED committee members for informing us of all sorts of information for the preparation of the document. The support to the University by these Hon'ble members is towering. I am happy to state that the roadmap for the University is extensively discussed with them for further achievement.

Our University team comprising Prof. V. B. Patil (Chairman), Dr. L. B. Dama, Dr. S. V. Shinde, Dr. Vasant Kore, Dr. R. S. Hiremath, Dr. S. V. Koti, Dr. K. A. Pandey, Dr. V. P. Shikhare, Dr. S. D. Navale, Dr. D. C. Nanaware, Dr. A. R. Shinde, Dr. U. V. Metakari, & Shri. M. M. Shaikh from the Affiliation Section has worked very hard in the preparation of this report. I appreciate inputs provided by different stakeholders from Solapur District and suggestions given for strengthening the higher education system of this region to meet futuristic challenges.

(Dr. Rajanish Kamat)
Vice- Chancellor

1. Executive Summary

The highlights of the Perspective Plan are:

2024-25:

P. A. H. Solapur University proposes 18 new colleges under the perspective plan 2024-25, which includes 01 Night College, 01 Law College, 01 Pharmacy College, 01 Skill Base College, 02 Management Colleges, 09 Traditional Colleges and 03 Professional Colleges at identified locations. It is also proposed to introduce M.Sc. (Biotechnology, Data Science, Inorganic Chemistry, Nano Science and Technology), and Master of Public Health (MPH) in existing schools on campus. Human Resource Development Centre for conducting teacher training programmes, and new skill-oriented courses under Skill Development Centre.

2025-26:

P. A. H. Solapur University proposes 18 new colleges under the perspective plan 2025-26, which includes 02 Women's Colleges, 01 Skill Base College, 03 Management Colleges, 08 Traditional Colleges, 03 Professional Colleges and 01 Satellite Centre (Barshi) at identified locations. It is also proposed B.Tech. (Chemical Technology), M.A. (Education), M.Sc. (Botany, Dietetics and Nutrition) in existing Schools on Campus. New skill-oriented courses under Skill Development Centre.

2026-27:

P. A. H. Solapur University proposes 13 new colleges under the perspective plan 2026-27, which includes 01 Women's College, 02 Management Colleges, 07 Traditional Colleges, 02 Professional Colleges, 01 Satellite Centre (Pandharpur) at identified locations. It is also proposed M.Sc. (Drug Chemistry, Botany, Forensic Science, Zoology), MBA (Hospital & Healthcare Management) in existing Schools on Campus, New skill oriented courses under Skill Development Centre.

2027-28:

P. A. H. Solapur University proposes 09 new colleges under the perspective plan 2027-28, which includes 01 Women's College, 01 Night College, 01 Management College, 05 Traditional Colleges, 01 Professional College at identified locations. It is also proposed to introduce new skill-oriented courses in Medico Tourism, Communication Skills, Water Management, Yoga and Meditation under Skill Development Centre.

2028-29:

P. A. H. Solapur University proposes 05 new colleges under the perspective plan 2028-29, which include 01 Women's College, 01 Skill Base College, 03 Traditional Colleges at identified locations. It is also proposed to introduce new skill-oriented courses in Environment and Industrial Safety, Cyber Security, and Data Science under Skill Development Centre.

Apart from the proposed colleges, programmes and skill development courses in the perspective plan, it is proposed to establish the programmes and courses with a focus on fine arts, dramatics, music, value education, ability enhancement, soft skills and life skills in context with NEP 2020.

UG/PG programs with high employment potential skills will be the main focus for generating employability as per local and global requirements. It will have components of internship, training, and incubation for that skill development centre will be established which will train the trainers and also introduce **50 additional skill-based courses**. Sanskrit, Prakrit and Creative Arts like Sculpture, Painting, Drawing, Art and Craft, Music, Dance and Dramatics, Martial Arts, Yoga, Life Skills and Value Education, Sports will be introduced in the present education system of the university. It will enhance the glory of Solapur district's rich literary, lingual, spiritual and cultural heritage.

The perspective plan provides a road map for emphatic, time-bound, meticulous as well as strategic planning and implantation of proposed colleges and courses with a special focus on skill identification to meet local and global needs. It also proposes additional credit with CBCS pattern in the curriculum. Every year **Academic & Administrative Audit (AAA) of 20 colleges** will be done. The Colleges having B grades will be guided in the plan period for obtaining higher NAAC grades under the 'Paris Sparsh scheme' of the Government. Technical programmes of the engineering colleges will be promoted for accreditation with NBA. Colleges and University Schools will be encouraged to undergo autonomy. Industry academy partnership, consultancy, and R&D development and to improve the quality of research, a research park will be established. For the effective execution of the Perspective Plan, it is essential to recruit the faculty and start the grant-in-aid schools, and establish grantable new subjects under various schools.

Objectives:

- 1.1 Implementation of New Education Policy 2020: New Education Policy 2020 will be implemented stepwise as per the guidelines issued by the Government.
- 1.2. Gross Enrolment Ratio: The objective is to increase the Current GER from 20.69% to 27.50%.
- 1.3 Gender Sensitization: Looking at the high number of Girls passing in 12th Std, Women's Colleges are proposed at identified locations.
- 1.4 Equity for backward class and backward area: The objective is to provide more opportunities for SC and ST students and also to start new institutes / provide more seats in the backward areas of the district.
- 1.5 Skill Development: New skill development courses have been proposed to promote skill and entrepreneurship among students.
- 1.6 Night College: To provide an opportunity for working-class 12th-passed students, Night Colleges are proposed at identified locations.
- 1.7 Human Resource Development: It is proposed to establish an HRDC training centre for teachers' training programmes.
- 1.8 Reforms in Credit Structure: As per guidelines issued by the steering committee formed by the Government, it is proposed to restructure credits and courses.
- 1.9 It is proposed to introduce Arts, Commerce and Professional Colleges, Skill Development Colleges, Women's Colleges, Night Colleges, and Law Colleges as per the stakeholder demands and to attain the objective of inclusiveness and equal opportunities for Urban as well as Rural locations.
- 1.10 NAAC Accreditation: It is proposed to promote and support colleges to undergo NAAC assessment of accreditation process with the Paris Sparsh Scheme of the Government.
- 1.11 AAA: Academic and Administrative Audits of affiliated, autonomous colleges as well as University schools will be conducted for the attainment of quality benchmarks.
- 1.12 Research: Existing Research Centres are proposed to strengthen and new research centres will be established as per identified thrust areas of research.
- 1.13 IPR: Intellectual property rights cells will be established to promote awareness about IPR.
- 1.14 MoUs and Collaborations: Memorandum of understanding and collaboration with the institutes of national & international reputation are proposed to sign for vocational and industrial exposure.

- 1.15 Incubation Centres: The university incubation centre activities and scope will be enhanced and the affiliated colleges will be identified for a new setup of incubation centres to promote startups.
- 1.16 P. A. H. Solapur University is a unique University setup for a single district. However, looking at the geographical area, two satellite centre is proposed.
- 1.17 R & D Partnership with Industry: University schools are having MoUs / Collaborations with industries. The object is to involve more faculty and students to work on industrial projects and also to give industrial consultancy.
- 1.18 University schools and colleges with A grades in NAAC shall be encouraged for Autonomy.
- 1.19 Results are being declared within 30 days, the objective is to maintain this timeframe. Also, it is proposed to adopt an onscreen evaluation method.
- 1.20 The University schools shall be engaged with local bodies and social programmes.
- 1.21 To enhance the utilisation of local recourses (natural/cultural/human). The faculty and students of the schools will be engaged in R & D investment, technical & Knowledge support, Tourism and Hospitality Skills etc.
- 1.22 Strengthen Skill Development Centres.
- 1.23 ICT and Physical Infrastructure augmentation.
- 1.24 To encourage the establishment of more innovation centres and placement cells.
- 1.25 To establish a centre for the fine and performing Arts by aiming the object to nurturing the students to acquire the skills, to enhance creative arts, dramatic centre, musical club, etc.
- 1.26 To promote the tourism industry: Solapur is surrounded by famous religious centres which include Pandharpur, Akkalkot, Ganagapur and Tuljapur.
- 1.27 To promote historical, agro and eco-tourism in and around Solapur.
- 1.28 The University has run various career counselling, guidance, competitive examination Training and skill development courses including BARTI. The objective is to strengthen these activities by developing a centre in-house.
- 1.29 To achieve excellence in sports, facilities and infrastructure with coaches for various games will be developed through the organization of base-training camps at affiliated colleges by proper coaches.

2.1 Improvement in GER in a given region

Name of District	Current GER in District in %	Target GER by 2029 in %
Solapur	Total- 20.69	Total- 27.50
	Male- 22.00	Male- 30.00
	Female- 19.20	Female- 25.00

2.2 Improvement in inclusivity and equity

GER (General)

Name of most backward area	Current GER	Target GER by 2029
Solapur	20.69	30

GER (Female)

Name of most backward area	Current GER	Target GER by 2029
Solapur	19.20	25

GER (SC)

Name of most backward area	Current GER	Target GER by 2029
Solapur	16.81	20

GER (ST)

Name of most backward area	Current GER	Target GER by 2029
Solapur	7.38	10

Equity

<i>Initiatives</i>	<i>Current Status</i>	<i>Envisaged by 2029</i>
Number of Equal opportunity cells	95	108
How many departments and colleges have facilities for physically challenged students	Schools- 11 Colleges- 56	Schools- 11 Colleges- 104
Number of schemes for special needs of tribal and disadvantaged groups	02	05
Number of students benefitting from scholarships/schemes for economically and socially challenged students	34611	50000
Schemes for special needs of transgender	00	02

2.3 Improving quality and delivery of education

Number of colleges with NAAC accreditation

<i>Number of affiliated colleges</i>	<i>Currently, NAAC accredited</i>	<i>NAAC-accredited colleges proposed by 2029</i>
104	56	104

Number of colleges accredited with NAAC 'A' grade

<i>Number of affiliated colleges</i>	<i>College with 'A' grade currently</i>	<i>Proposed by 2029</i>
104	11	20

Number of technical programmes with NBA accreditation

<i>Number of technical programmes across all affiliated colleges</i>	<i>Current status</i>	<i>Envisaged by 2029</i>
52	04	32

Number of technical programmes accredited with Tier I (WA) under NBA

<i>Number of technical programmes across all affiliated colleges</i>	<i>Current status</i>	<i>Envisaged by 2029</i>
Nil	01	05

Academic Audit

	<i>Current status</i>	<i>Envisaged by 2029</i>
University departments (School)	11	11 (Including 11)
Affiliated colleges	83	104 (Including 83)

Decentralization of university administration

	<i>Current status</i>	<i>Envisaged by 2029</i>
Satellite Centres/Sub Campus	Nil	02
Autonomous Departments	Nil	03
Autonomous Colleges	05	10

Timely declaration of results

Results	<i>2020</i>	<i>2021</i>	<i>2022</i>	<i>2023</i>	<i>Target for 2029</i>
Average time period(in days)between the end of examination and declaration of results	5 to 45 days	5 to 30 days	5 to 44 days	5 to 30 days	Within 30 days

2.4 Developing R&D partnership with Industry

Number and type of industries engaged with

<i>Name of a university department</i>	<i>Current status</i>	<i>Envisaged by 2029</i>
School of Commerce & Management	Nil	01
School of Chemical Sciences	08	14
School of Physical Sciences	06	10
School of Computational Sciences	05	10
School of Earth Sciences	01	06
School of Social Sciences	Nil	01
School of Allied Health Science	05	10
School of Technology	Nil	02
School of Arts & Performing Arts	Nil	02
School of Life Sciences	Nil	05
School of Languages & Literatures	03	05

Details of engagement with industry

<i>Name of university department</i>	<i>Type of engagement</i>	<i>Current status</i>	<i>Envisaged by 2029</i>
School of Chemical Sciences	Industrial consultancy	NIL	05
	MOUs/Collaborations	08	14
	Number of faculty working on industrial projects	NIL	02
	Number of students working on industrial projects	NIL	10
School of Physical Sciences	Industrial consultancy	NIL	02
	MOU's/Collaborations	06	10
	Number of faculty working on industrial projects	NIL	02
	Number of students working on industrial projects	NIL	10
School of Computational Sciences	Industrial consultancy	02	02
	MOU's/Collaborations	05	10
	Number of faculty working on industrial projects	NIL	02
	Number of students working on industrial projects	NIL	10
School of Social Sciences	Industrial consultancy	NIL	02
	MOU's/Collaborations	Nil	02
	Number of faculty working on industrial projects	NIL	02
	Number of students working on industrial projects	NIL	10
School of Earth Sciences	Industrial consultancy	NIL	02
	MOUs/Collaborations	01	06
	Number of faculty working on industrial projects	NIL	04
	Number of students working on industrial projects	NIL	10
School of Allied Health Science	MOUs/Collaborations	05	10
School of Commerce & Management	MOUs/Collaborations	Nil	02
School of Technology	MOUs/Collaborations	Nil	02
School of Arts & Performing Arts	MOUs/Collaborations	Nil	02
School of Languages & Literatures	MOUs/Collaborations	03	05
School of Life Sciences	MOUs/Collaborations	Nil	05

Number of patents/IPRs

<i>Name of university department</i>	<i>Current status</i>	<i>Envisaged by 2029</i>
School of Chemical Sciences	03	10
School of Physical Sciences	04	05
School of Earth Sciences	Nil	02
School of Computational Sciences	Nil	02
School of Allied Health Sciences	Nil	02
School of Technology	Nil	02
School of Life Sciences	Nil	02
School of Arts & Performing Arts	Nil	01
School of Commerce & Management	Nil	01
School of Languages & Literatures	Nil	02
School of Social Sciences	Nil	02
Affiliated Colleges	13	28

2.5 Engagement with regional economic development and aspirations

<i>Name of university department/college</i>	<i>Details</i>	<i>Current Status</i>	<i>Envisaged by 2029</i>
School of Chemical Sciences	Types of engagement	Nil	02
	Number of Faculty involved in	-	10
	Number of Students involved in	-	50
School of Earth Sciences	Type of Engagement <ul style="list-style-type: none"> • Environmental Impact Assessment • JalyuktShivar • Soil Analysis • Water harvesting • Ancient and Historic Evacuations 	Expert Member 1. "District Environmental Impact Assessment Committee" Z.P. Solapur 2. "District Environmental Impact Assessment Authority" Z.P. Solapur & Osmanabad Dist. Jalyukt Shivr Swach Bharat Abhiyan	Consultancy to the farmers related to water harvesting, Soil analysis, water management, and Soil erosion Jalyukt Shivar.
	Number of Faculty involved in	8	10
	Number of Students involved in	50	75
School of Social Sciences		Nil	01
	Number of Faculty involved in	Nil	01
	Number of Students involved in	Nil	10
School of Computational Sciences	<ul style="list-style-type: none"> • Cyber Security awareness training 		
	Number of Faculty involved in	03	06
	Number of Students involved in	35	60
	<ul style="list-style-type: none"> • Awareness programme in official statistics 		

	Number of Faculty involved in	02	05
	Number of Students involved in	100	125
School of Languages & Literatures			
	Number of Faculty involved in	Nil	01
	Number of Students involved in	Nil	10
School of Commerce & management	Associated Garment Cluster Foundation	01	02
	Number of Faculty involved in	01	02
	Number of Students involved in	Nil	10
School of Allied Health Sciences	Medical & Public Health Management		
	Number of Faculty involved in	03	05
	Number of Students involved in	400	600
School of Education			
	Number of Faculty involved in		
	Number of Students involved in		
School of Technology		Nil	01
	Number of Faculty involved in	Nil	04
	Number of Students involved in	Nil	10
School of Life Sciences	Microbiology, Bioinformatics, Virology		
	Number of Faculty involved in	02	05
	Number of Students involved in	40	80
School of Physical Sciences	<ul style="list-style-type: none"> • Development of Energy Storage Devices • Development of Sensors 	<ul style="list-style-type: none"> • Signed 05 MoU's • 04 IPRS 	<ul style="list-style-type: none"> • 10 MoU's will Signed • 05 IPR
	Number of Faculty involved in	03	07
	Number of Students involved in	80	120

Engagement of the university (through R&D investment, support in terms of technical/knowledge/ business solutions) with the local community, MSMEs, Self-help-groups, tourism and hospitality and to enhance the utilization of local resources (natural/cultural/human)

<i>Name of University department/colleges</i>	<i>Details</i>	<i>Current status</i>	<i>Envisaged by 2029</i>
School of Social Sciences		Nil	02
	Number of Faculty involved	Nil	02
	Number of Students involved	Nil	20
School of Chemical Sciences	Through R & D Investments	Nil	Battery Technology & super capacitors: We would like to collaborate with the electronic industries like KPIT Technologies, and Siemens Limited for the development of long-life mobile batteries. We plan to utilize our expertise in the fabrication of highly surface-area carbon-based electrodes required for battery fabrication. These materials could be well utilized for the preparation of energy storage devices like supercapacitors.
	Number of Faculty involved	03	07
	Number of Students involved	15	15
School of Earth Sciences			
	1. Green Audit of P. A. H. Solapur University 2. Environmental Expert in SMC for Smart City 3. Testing of Ground Water Recharge 4. Static Water Level Changes Monitoring 5. Heavy Metal ions detections.	On Going	To be Continued

	Number of Faculty involved	04	06
	Number of Students involved	20	45
School of Computation Sciences	Cyber Security awareness training		
	Number of Faculty involved	03	06
	Number of Students involved	35	60
	Awareness programme in official statistics		
	Number of Faculty involved	02	05
	Number of Students involved	100	125
School of Languages & Literatures	Translation Studies		
	Number of Faculty involved	02	08
	Number of Students involved	20	60
School of Commerce & management	Associated Garment Cluster Foundation	01	02
	Number of Faculty involved	Nil	02
	Number of Students involved	Nil	10
School of Allied Health Sciences	Yoga, Nutrition, Naturopathy, Public Health & Health Management	20	50
	Number of Faculty involved	03	10
	Number of Students involved	30	100
School of Technology		Nil	01
	Number of Faculty involved	Nil	11
	Number of Students involved	Nil	50
School of Life Sciences	Bioinformatics, Microbiology, Biotechnology		
	Number of Faculty involved	02	05
	Number of Students involved	40	80

School of Physical Sciences	<ul style="list-style-type: none">• Development of Super capacitor device• Development of Sensor for toxic gas detection• Development of solar cells.		
	Number of Faculty involved	04	07
	Number of Students involved	80	120

2.6 Development of skills and entrepreneurship

Number of courses offered in skill development/entrepreneurship

Name of university department / College	Current status	Envisaged by 2029
University/Colleges (Skill Development Centre)	142	200

Certificate Courses under the Skill Development Centre

1 Year Courses		
Paramedical Related Courses		
Sr. No.	Course Name	Duration of the course
1	Certificate Course in Operation Theatre Assistant	1 Year
2	Certificate Course in Health Assistant	1 Year
3	Certificate Course in Medical Lab Technician	1 Year
4	Certificate Course in X-Ray Technician	1 Year
5	Certificate Course in CT scan Technician	1 Year
6	Certificate Course in Dialysis Technician	1 Year
7	Certificate Course in Ophthalmic Assistant	1 Year
8	Certificate Course in Central Sterile Services Department (C.S.S.D.) Technology*	1 Year
9	Certificate Course in Respiratory Therapy*	1 Year
10	Certificate Course in Critical Care Therapy*	1 Year
11	Certificate Course in Clinical/Surgeon*	1 Year
12	Certificate Course in Endoscopy Assistance*	1 Year
13	Certificate Course in Bed Sore and Wound Management*	1 Year
14	Certificate Course in Cath Lab Technician	1 Year
15	Certificate Courses in MRI Technician	1 Year
16	Certificate Course in Emergency Management	1 Year
17	Diploma in Yoga Teacher	1 Year
18	Certificate Course in Diesel Mechanic*	1 Year
19	Certificate Course in Motor Mechanic*	1 Year
20	Certificate Course in Wireman*	1 Year
21	Certificate Course in Advance Interior Decoration and Designing	1 Year
22	Certificate Course in Architecture Draughtsman	1 Year
23	Diploma in Supply Chain Management (Techno-Commercial)*	1 Year
24	Diploma in Forensic Accounting*	1 Year
25	Diploma in Fraud Risk Management*	1 Year
26	Certificate Course in Office Administration *	1 Year
27	Diploma in Sugam Sangeet *	1 Year
28	Certificate Course in Katthak Nrutya*	1 Year
29	Certificate Course in Bharat Natyam	1 Year
30	Diploma in Labour Law and Labour Welfare*	1 Year
31	Diploma in Human Right*	1 Year

32	Diploma in Taxation Law (DTL)	1 Year
33	Diploma in Cyber Law	1 Year
34	Diploma in Tabla*	1 Year
35	Diploma in Dramatic Skills	1 Year
36	Certificate Course in Pali Spoken*	1 Year
37	Diploma in Katthak Nrutya*	1 Year
38	Diploma in Data Science	1 Year
39	Diploma in Fashion Designing	1 Year
40	Advance Diploma in Fashion Designing	1 Year
41	Diploma in Railway Track Technology	1 Year
42	Diploma in Software Technology in Railway Sector	1 Year
43	Diploma in Railway Signalling & Telecommunication	1 Year
44	Diploma in Rolling Stock and Operations	1 Year
45	Advanced Diploma Certificate in Practical Finance & Accounting	12 Months
46	Advanced Diploma in Entrepreneurship Management	12 Months
47	Diploma in Foreign Language Learning	1 Year
48	Certificate course for Laser and Cosmetology for skin Technician*	6 Months
49	Certificate course in Technician in MDA (Microdermabrasion) & Chemical Peels*	6 Months
50	Certificate course in Cosmetology Front Desk Management *	6 Months
51	Certificate course in Technician in Laser Hair Removal*	6 Months
52	Certificate Course in Molecular Diagnostics	6 Months
53	Certificate Course in Hospital Infection & Control & Patient Safety	6 Months
54	Certificate Course in Yoga	6 Months
55	Certificate Course in Maintenance and Repairing of Domestic Electric and Electronic Appliances	6 Months
56	Certificate Course in Geoinformatics	6 Months
57	Certificate Course in Textile Chemistry	6 Months
58	Certificate Course in Bioinformatics	6 Months
59	Certificate Course in E-Commerce*	6 Months
60	Certificate Course in Digital Marketing	6 Months
61	Certificate Course in Share Market	6 Months
62	Certificate Course in Office Automation	6 Months
63	Certificate Course in Data Entry Operator*	6 Months
64	Certificate Course in Tally ERP. 9*	6 Months
65	Certificate Course in Quantum GIS*	6 Months
66	Certificate Course in MATLAB Software*	6 Months
67	Certificate Course in S.P.S.S. (Statistical Package for Social Science)*	6 Months
68	Certificate Course in Computerized Accounting*	6 Months

69	Certificate Course in Advanced Excel	6 Months
70	Certificate Course in C Programming*	6 Months
71	Certificate Course in Spoken English	6 Months
72	Certificate Course in Dress Designing	6 Months
73	Certificate Course in Montessori Teacher Marathi Medium*	6 Months
74	Certificate Course in Montessori Teacher English Medium	6 Months
75	Certificate Course in Montessori Teacher Urdu Medium	6 Months
76	Certificate Course in Montessori Teacher Kannada Medium	6 Months
77	Certificate Course in Library Management*	6 Months
78	Certificate Course in Journalism And Mass Communication	6 Months
79	Certificate Course in Sugam Sangeet*	6 Months
80	Certificate Course in Tourism Management & Application	6 Months
81	Certificate Course in Museum Studies *	6 Months
82	Certificate Course in Digital Journalism	6 Months
83	Certificate Course in Functional English	6 Months
84	Certificate Course in Ancient Script and applied	6 Months
85	Certificate Course In Proof Reading and Editing*	6 Months
86	Certificate Course in Historical Tourism*	6 Months
87	Certificate Course in Life Skill Development*	6 Months
88	सर्टिफिकेट कोर्स इन अनुवाद (मराठी-हिन्दी, मराठी-इंग्रजी, मराठी-कन्नड)*	6 Months
89	Certificate Course in English Literature for Professional Development of Teacher*	6 Months
90	Online Academic Certificate Course Professional Development Research Writing, Guidance & Assessment*	6 Months
91	Online Certificate Course for College Teachers Career*	6 Months
92	Certificate Course in Anchoring Radio, TV, Events	6 Months
93	Certificate Course in Instrumental Methods of Analysis	6 Months
94	Certificate Course in Environmental Informatics (EI's)	6 Months
95	Certificate Course in Digital Journalism	6 Months
96	Certificate Course in Communication Skills in English*	6 Months
97	Certificate Course in Communication Skills in Sanskrit*	6 Months
98	Certificate Course in Communication Skills in Urdu*	6 Months
99	Certificate Course in Beauty Therapy and Hair Styling	6 Months
100	Advance Certificate Course in Hair, Skin and Makeup	6 Months
101	Certificate Course in Beauty Parlor	6 months
102	Certificate Course in Mythology	6 months
103	Certificate Course in Photography	6 months
104	Certificate Course in Digital Marketing & Social Media Management	6 months
105	Certificate Course in Public Relations & Leadership Development	6 months
106	Certificate Course in Agro Tourism	6 Months

107	Certificate Course in Plant Tissue Culture	6 Months
108	Certificate Course in Self Defence	6 Months
109	Certificate Course in Moral Value Education	6 Months
110	Certificate Course in Acupressure	6 Months
111	Certificate Course in Hair Skin & Makeup	6 Months
112	Certificate Course in Fashion Designing & Boutique Management	6 Months
113	Certificate Course in Advanced Entrepreneurship Management	6 Months
114	Certificate Course in Professional Translation	6 Months
115	Diploma in Cyber Security	6/9 Months
116	Executive Diploma in Business Management	6/9 Months
117	Tally Essential Comprehensive	6 Months
118	Certificate Course in Machine learning	6 Months
119	Certificate Course in Handloom Products Designing and Manufacturing *	3 Months
120	Certificate Course on Lab VIEW*	3 Months
121	Certificate Course in PCB Design and Manufacturing using Proteus CAD*	3 Months
122	Certificate Course in the Russian Language*	3 Months
123	Certificate Course in Chini Language*	3 Months
124	Certificate Course in Documentary, Short Film Making and Video Editing +	3 Months
125	Certificate Course in Right to Information 2005	3 Months
126	Certificate Course in Beautician	3 months
127	Certificate Course in Modi Script	3 months
128	Certificate course in Academic and Administrative Executives	3 months
129	Certificate Course in Research Methodology for Beginners	3 months
130	Short Term Course on Python	3 Month
131	Short-Term Course on Hadoop	3 Month
132	Solar Training Certified Course	3 Month
133	Basic Certificate Course in Handling Digital Text in Indian Languages	3 Months
134	Basic Certificate Course in Entrepreneurship Management	3 Months
135	Basic Certificate Course in Financial Management For Entrepreneurs	3 Months
136	Basic Certificate Course in Business Management for Entrepreneurs	3 Months
137	Basic Certificate Course in Essential Business Communication for Entrepreneurs	3 Months
138	Basic Certificate Course in Kitchen Gardening	3 Months
139	Certificate in Business Management	3 Months
140	Project Management Certification	3 Months
141	Certificate in Entrepreneurship Development	3 Months
142	Basic Certificate Course in Foreign Language Learning	3 Months

Details of mandatory internships/in-plant training

<i>Name of university department / College</i>	<i>Current status</i>	<i>Envisaged by 2029</i>
School of Earth Science	03	30
School of Technology	60 % for 15 days	100 % Internship for 30 days
Affiliated Engineering Colleges	All Students of all UG programs undergo a mandatory internship of 15 days	All students of all UG programs will undergo a mandatory internship of 90 days
Management Colleges	All students of all PG programs undergo mandatory internship of 90 days	All students of all PG programs will undergo mandatory internship of 90 days
Commerce Post Graduation	All students undergo mandatory internship of 30 days	All students of all PG program will undergo mandatory internship of 90 days
Pharmacy Programs	All students undergo mandatory internship of 04 weeks	All students of all UG program will undergo mandatory internship of 90 days
Education Programmes	40 Days	All students of all UG program will undergo mandatory internship of 80 days
M. C. A. Programmes	All students undergo mandatory internship of 90 days	All students of all PG program will undergo mandatory internship of 90 days
BA/B.Sc./B.Com.	All students undergo mandatory internship of 30 days	All students of all PG program will undergo mandatory internship of 90 days

Details of centres for technology dissemination and incubation/innovation centres

<i>Name of university department/ College</i>	<i>Current status</i>	<i>Envisaged by 2029</i>
University	01	03
<ul style="list-style-type: none"> • Walchand Institute of Technology, Solapur • SVERI College of Engineering, Pandharpur • Brabhdevdada Mane Institute of Technology, Belati Solapur. • NBN NawaleSinhgad College of Engineering, Kegaon Solapur • SKN Sinhgad College of Engineering, Korti Tal-Pandharpur 	05	10
Other Affiliated Colleges	-	10

Placement Cells

	<i>Current status</i>	<i>Envisaged by 2029</i>
Number of placement cells in the university (includes affiliated colleges)	47	104
Number of students benefitting from the placement cells	1600	2100

2.7 Making the university a cultural powerhouse in a region

Details of courses offered in liberal, fine and performing arts, tourism and hospitality

Name of university department /college	Current status	Envisaged by 2029
Shri Shivaji Mahavidyalaya, Barshi	01 UG program in Music	UG/PG program in Music & Performing Arts
Shankarao Mohite Mahavidyalay, Akluj Tal. Malshiras	01 Certificate course in tourism and hospitality	UG program in tourism and hospitality
University Campus	School of Arts & Performing Fine Arts	PG program in Music & Life skills
Affiliated Colleges	-	Degree / Diploma in Life Skills, Tourism & Hospitality

Details of centres set up for preservation/study/appreciation of local culture/history/art forms

Name of university department/College	Current status	Envisaged by 2029
DBF Dayanand College of Arts & Science, Solapur, Shri Shivaji Mahavidyalaya, Barshi	01 History Museum	01
School of Earth Sciences	01 Museum	02 (One Museum 01 Gallery)
School of Social Sciences(AIHC, History)	01 Museum	01

Details of student clubs/groups set up for practice/promotion of local, liberal, fine and performing arts

Name of university department/college	Current status	Envisaged by 2029
Affiliated Colleges	30	40
University	01	01

2.8 Focus on students' welfare

Details	Current status	Envisaged by 2029
Number of career counselling and guidance centres in the university	01	20
Number of students counselled and guided per year	4000	25000
Number of 'Learn and Earn' schemes for students	74	200
Number of students benefited from 'Learn and Earn' schemes	74	200
Number of students benefited from student and their signal earning parent accidental insurance schemes. Claim amount Rs.- 10,00,000/- (Ten Lakh) and 2,50,000/- (Two Lakh Fifty Thousand) for Parents.	55000 Student their signal earning parent (insured)	From all affiliated colleges and university campus 70000 students.

2.9 Achieving excellence in sports

Details	2024-25	2025-26	2026-27	2027-28	Target for 2029
Health and Fitness facilities (% satisfaction level)	60%	65%	70%	75%	100%
No. of Students participating at state level competitions	260	265	275	280	310
No. of students participating at National level competitions	240	245	250	270	290
No. of students participating at Asian level competitions	-	-	-	-	01
No. of students participating at Olympic/International level competitions	-	-	-	-	01

2.10 Academic leadership in national and global contexts

University ranking

Ranking and agencies	2020	2021	2022	2023	Target for 2029
NIRF	-	-	-	-	100-200
Asia University Ranking	-	-	-	-	500-100
QS BRICS Ranking	-	-	-	-	-
QS Ranking (World)	-	-	-	-	-
World University Ranking	-	--	-	-	1000 to 2000

Number of PhDs per year (Awarded)

Faculty	2020	2021	2022	2023	2024	Target for 2029 (Total in 5 years)
Science	18	27	23	5	-	50
Engineering and Technology	2	7	4	4	-	50
Commerce and Management	1	-	1	4	-	50
Sociology	-	-	-	-	-	50
Economics	3	1	7	1	-	50
Humanities	14	19	17	3	-	50
Interdisciplinary studies	2	12	6	4	-	50
Political Science	-	1	1	2	-	50
Total						

Key research areas for next five years (2024-29)

Faculty/ Departments	Key Research Areas
Science	Digital Image Processing, Medical Imaging, Machine Learning, Big data and data analytics, Computer Vision, soft computing, High-Performance Material, Biological activity, Nano Materials, Super Capacitors, Gas sensing materials, Extraction, Geo-Environmental, GIS, Bio-Tech., Imaging, Virology, Genetics, Biotechnology, Sericulture, Apiculture, Physical Geography, Waste treatment, Statistical Process control, Geo-technical Engg., Medicinal Chemistry, Green Chemistry, Heterocyclic Chemistry, Polymer Chemistry, Chemical Engineering, etc.
Engineering and Technology	Sustainable Engineering, Hybrid Vehicles, MEMS, Wireless Communication, Artificial Intelligence & Data Analytics, Textronics, Pharmacy: Novel Drug delivery systems, ADR monitoring systems, Standardisation of Herbal drugs, Screening of newer molecules for pharmacological activity etc.
Sociology, Economics, Political Science	Rural studies, Media studies, Environmental Economics, Archaeological issues.
Humanities and Arts *	Financial Inclusion, Entrepreneurial Skills, Intellectual property rights, Goods & Service act, Green Audit, GST, Quality control, Innovation in Manufacturing Process, Social Advertising, Benchmarking, Commercialising & Popularising of new Business, Financial Management, Corporate Accounting, management Accounting, Programming & Software development, Literature and Society, Cultural studies, etc.

* Arts & Fine Arts, Education, Law, Commerce & Management & Social Sciences

3. Rationale and Background Data

Please Refer Annexure - 1 to 11

Table No. 1 General Information

Sr. No.	Taluka	Villages			Population (As per the 2011 Census)				
		No. of Revenue Villages	Area in Ha.	No. of G.P.S.	Male	Female	Total	S.C.	S.T.
1	Akkalkot	143	140130	117	161314	153256	314570	48860	10244
2	Barshi	140	152250	130	193777	178934	372711	50621	4759
3	Karmala	124	159580	105	132700	121789	254489	35217	4326
4	Madha	118	152600	109	169430	154597	324027	46778	2618
5	Malshiras	117	160801	108	251528	234117	485645	88581	4135
6	Mangalwedha	82	114159	79	107154	98778	205932	31384	1476
7	Mohol	104	131689	95	144299	132621	276920	42446	3622
8	Pandharpur	103	129437	94	230359	212009	442368	68184	12863
9	Sangola	103	159431	76	166754	156091	322845	47322	2015
10	North Solapur	42	68303	36	536331	521021	1057352	155201	20347
11	South Solapur	91	119463	83	134206	126691	260897	35151	11787
Total		1167	1487843	1032	2227852	2089904	4317756	649745	78192

Annexure- 1

Academic Year- 2022-23

Name of Taluka	Number of Students (Male/Female) that appeared for 12th Standard Examination			Number of Students (Male/Female) that passed for 12th Standard Examination			Number of Students (Male/Female) admitted in various streams (Science, Commerce, Arts, Engineering)	Number of seats available across all streams
	Male	Female	Total	Male	Female	Total		
Akkalkot	1644	1133	2777	1547	1066	2613	885	1680
Barshi	3651	2504	6155	3303	2384	5687	2532	4084
Karmala	1295	888	2183	1132	853	1985	639	1320
Madha	2088	1442	3530	1978	1398	3376	959	1540
Malshiras	3136	2371	5507	2841	2281	5122	2751	3668
Mangalwedha	1718	1077	2795	1672	1053	2725	931	1082
Mohol	1592	1131	2723	1553	1115	2668	831	1290
Pandharpur	4067	2705	6772	3815	2605	6420	3861	4938
Solapur (City, North & South Solapur Taluka)	9335	7510	16845	8791	7280	16071	12027	16031
Sangola	2522	1724	4246	2421	1680	4101	2667	3225
Total	31048	22485	53533	29053	21715	50768	28083	38858

Academic Year- 2021-22

Name of Taluka	Number of Students (Male/Female) that appeared for 12th Standard Examination			Number of Students (Male/Female) that passed for 12th Standard Examination			Number of Students (Male/Female) admitted in various streams (Science, Commerce, Arts, Engineering)	Number of seats available across all streams
	Male	Female	Total	Male	Female	Total		
Akkalkot	1491	1035	2526	1485	1033	2518	784	1680
Barshi	3506	2441	5947	3491	2432	5923	2710	4084
Karmala	1118	833	1951	1118	833	1951	753	1320
Madha	1886	1261	3147	1885	1261	3146	764	1540
Malshiras	2846	2368	5212	2834	2360	5194	2622	3668
Mangalwedha	1594	1078	2672	1591	1075	2666	579	1082
Mohol	1621	1137	2758	1621	1137	2758	800	1290
Pandharpur	3657	2382	6039	3655	2382	6037	3463	4938
Solapur (City, North & South Solapur Taluka)	8803	7339	16142	8779	7328	16107	11617	16031
Sangola	2479	1524	4003	2478	1522	4000	2448	3225
Total	29001	21398	50397	28937	21363	44970	26540	38858

Academic Year- 2020-21

Name of Taluka	Number of Students (Male/Female) that appeared for 12th Standard Examination			Number of Students (Male/Female) that passed for 12th Standard Examination			Number of Students (Male/Female) admitted in various streams (Science, Commerce, Arts, Engineering)	Number of seats available across all streams
	Male	Female	Total	Male	Female	Total		
Akkalkot	1745	1105	2850	1533	1052	2585	812	1680
Barshi	3647	2524	6171	3356	2453	5809	2442	4084
Karmala	1296	853	2149	1098	828	1926	983	1320
Madha	2064	1376	3440	1938	1333	3271	772	1540
Malshiras	3229	2414	5643	2884	2330	5214	2124	3668
Mangalwedha	1719	1063	2782	1661	1046	2707	536	1082
Mohol	1762	1115	2877	1655	1096	2751	619	1290
Pandharpur	4204	2476	6680	3951	2419	6370	2822	4938
Solapur (City, North & South Solapur Taluka)	9351	7612	16963	8441	7321	15762	10894	16031
Sangola	2432	1542	3974	2289	1514	3803	1977	3225
Total	31449	22080	53529	28806	21392	50198	26540	38858

*Annexure-2***Regional imbalance (Rural-Urban Divide in the accessibility of education)****Note: This data base is for the objective 1.2**

Sr. No.	Name of Taluka	GER
1	Akkalkot	6.63
2	Barshi	13.8
3	Karmala	7.14
4	Madha	6.86
5	Malshiras	8.89
6	Mangalwedha	7.43
7	Mohol	4.21
8	Pandharpur	19.18
9	Sangola	13.37
10	North Solapur	23.81
11	South Solapur	2.8

*Annexure - 3***Statistics on NAAC accreditation**

Note: This data base is for the objective 1.3

Number of colleges affiliated to the university	Number of colleges that have acquired NAAC accreditation in the last 3 cycles	Number of colleges that have not undergone NAAC accreditation at any time
104	15	48

Annexure - 4

**Economic Survey of the local regions
(Urban-Rural divide in social and economic development)**

Note: This data base is for the objectives 1.5 and 1.6

Name of Taluka	Per capita income	% population below poverty line	Employment in organized sector	Employment in unorganized sector	Female labour participation %

Literacy	Female literacy	% of household with improved sources of drinking water	% of household with electricity	No of PHCs

*Annexure - 5***Major Industries in the region***Note: This data base is for objective 1.4*

Existing Industry/ Service	No. of employees currently	New industry expected by 2029	No. of employees expected by 2029	Skills required	R&D Opportunities	The department likely to be associated
238	5320	120	2870	YES	Manufacturing and Service Industry	Industry

*Annexure - 6***Industry in the region (Micro Small Medium Enterprises)***Note: This data base is for objectives 1.4, 1.5 and 1.6*

Existing Industry/Service	No. of employees currently	New industry expected by 2029	No. of employees expected by 2029	Skills required	R&D Opportunities	Department likely to be associated
Manufacturing 9128	20356	2800	7500	YES	Manufacturing	Industry
Service 5949	16795	1689	5600		Service	Industry

*Annexure - 7***Industry in the region (Agro based)***Note: This data base is for objectives 1.4, 1.5 and 1.6*

Existing Industry/Service	No. of employees currently	New industry expected by 2029	No. of employees expected by 2029	Skills required	R&D Opportunities	Department likely to be associated
520	4680	240	3250	YES	Manufacturing & Industry	Industry

*Annexure - 8***Industry in the region (Craft, Handloom, Local products)***Note: This data base is for objectives 1.4, 1.5 and 1.6*

Existing Industry/Service	No. of employees currently	New industry expected by 2029	No. of employees expected by 2029	Skills required	R&D Opportunities	Department likely to be associated
1986	7860	220	2880	YES	Manufacturing & Service (Craft, Handloom, Local Product)	Industry

Annexure - 9

Local resources (Agri produce, Minerals, Tourist spots etc.)

Note: This data base is for objectives 1.5 and 1.6

Local Resources	Current status of Utilization by local industry/ SME	Possible opportunities to tap these resources by 2029	Skill requirements to tap resources	R&D opportunities	Employment/ Entrepreneurship development by 2029	Department likely to be associated
Sugar Cane	Sugar, Alcohol & Jaggery	By – Products, Paper Industry, Presswood	Fermentation Technology	Yes	Yes	Life Sciences, Pharmaceuticals & Chemical Sciences
Textile	Textile	YES, Garment Industry	YES	Manufacturing and Service	YES	Industry
Grapes	Winery, raisins	Yes Food Processing – Juice, Jelly, Jams	Fermentation Technology	Yes	Yes	Life Sciences, Pharmaceuticals & Chemical Sciences
Pomegranate	--	Beverages, Seed oil, Cosmetics,	Fermentation Technology, Extraction, Pharma	Yes	Yes	Life Sciences, Pharmaceuticals & Chemical Sciences
Maize	--	Starch, Winery	Fermentation Technology, Extraction	Yes	Yes	Life Sciences, Pharmaceuticals & Chemical Sciences

*Annexure - 10***Opportunities in Fine arts, Performing arts, photography, Animation, Local Arts***Note: This data base is for objectives 1.5, 1.6, 1.7*

Art form	Current enrolment	Current placement	Anticipated opportunities by 2024	University department as nodal agency
Animation	-	-	Yes	School of Computational Sciences.
Photography	-	-	Yes	School of Social Science Department of Mass Communication
Fine art	24	10	Yes	DSW (Youth Festival)
Performing art	-	-	Yes	DSW (Youth Festival)
Local art	-	-	Yes	DSW (Youth Festival)

*Annexure - 11***Expectation from higher education: Feedback from Stake holders**

*Note: This information is needed for all objectives, 2.1 to 2.10
Stake holders have demanded and inform various suggestions and expectations this
perspective plan has been developed with these demands.*

Sr. No	Stake holder	Sample size	Important inputs/ suggestions	To what objective (2.1 to 2.10) does this input/ suggestion relate
1.	Hon'ble Vice-Chancellor/ Pro-Vice Chancellor/ Registrar		03	<i>Pl. refer enclosure -1</i>
2.	Senate Member		27	<i>Pl. refer enclosure -2</i>
3.	Sanstha Chalak		11	<i>Pl. refer enclosure -3</i>
4.	Principal / Director		35	<i>Pl. refer enclosure -4</i>
5.	Teachers		393	<i>Pl. refer enclosure -5</i>
6.	Non-teaching Officers & Employee		138	<i>Pl. refer enclosure -6</i>
7.	Students		2330	<i>Pl. refer enclosure -7</i>
8.	Parents		360	<i>Pl. refer enclosure -8</i>
9.	Eminent persons		08	<i>Pl. refer enclosure -9</i>
10.	Industrialists		03	<i>Pl. refer enclosure -10</i>

4. Proposed Action Plan

- The Perspective Plan 2024-25 to 2028-29 of P. A. H. Solapur University, Solapur aims primarily at the implementation of NEP 2020, increasing GER, addressing the Gender equality issue, inclusiveness and achieving academic Excellence with related skill and Entrepreneurship Development. The plan is prepared as per recommendations of Dr. Narendra Jadhav Committee, the perspective plan attempts to meet the expectations of the MAHED.
- Implementation of New Education Policy 2020 for UG & PG I Year: Credit structure formation for 3 & 4 year UG degree, PG diploma and 2-year PG for Faculty of Science, Faculty of Humanities and Faculty of Commerce & Management. Restricting syllabus as per the credit structure.
- **Skill Development Centre** is functional at P. A. H. Solapur University, Solapur. It is proposed to identify new skill development courses and increase the existing number of certificate courses that will be introduced on the university campus to train the trainees.

New Colleges and Courses proposed by 2024 on year to year basis:

Year- 1 (2024-25)

Akkalkot - New College		
Location	Program Name	College Type
Dudhani	B.A., B.Com., B.Sc.	Traditional College

Akkalkot - Existing College		
Location	Program Name	College Type
Akkalkot	B.A. (Urdu), B.Sc. (Zoology), M.A. (Geography), M.Com.	New Program
Akkalkot	Certificate Course in Translation Studies and Transliteration	New Courses

Barshi - New College		
Location	Program Name	College Type
Malegaon	B.Com., B.Sc.	Traditional College

Barshi - Existing College		
Location	Program Name	College Type
Barshi	Diploma in Taxation Laws	New Course

Karmala - New College		
Location	Program Name	College Type
Jeur	B.Com., B.Sc.	Traditional College

Madha - New College		
Location	Program Name	College Type
Tembhurni	B.Com., B.Sc.	Traditional College
Tembhurni	B. Pharmacy	Pharmacy College

Madha - Existing College		
Location	Program Name	College Type
Kurduwadi	B.Sc. (Zoology, Mathematics, Fermentation Technology & Dairy Management)	New Program

Malshiras - New College		
Location	Program Name	College Type
Jadhav Wadi	B.A., B.Com.	Traditional College

Malshiras - Existing College		
Location	Program Name	College Type
Akluj, Natepute	M.Com., B.Sc. (Chemistry), Diploma in Fashion Designing	New Program

Mangalvedhe - New College		
Location	Program Name	College Type
Marwade	B.Com.	Traditional College
Marwade	B.C.A., B.C.S.	Professional College
Mangalvedhe City	B.A. L.L.B., L.L.B.	Law College

Mangalvedhe - Existing College		
Location	Program Name	College Type
Mangalvedhe	M.A., M.Com., M.Sc.	New Program

Mohol - New College		
Location	Program Name	College Type
Begampur	B.A., B.Com.	Traditional College

Mohol - Existing College		
Location	Program Name	College Type
Angar, Mohol	B.Com., M.Com. (Accountancy)	New Program

Pandharpur - New College		
Location	Program Name	College Type
Karkamb	B.A., B.Com., B.Sc.	Traditional College
Pandharpur	B.A., B.Com., B.Sc.	Traditional College (Night College)

Pandharpur - Existing College		
Location	Program Name	College Type
Pandharpur	B.A. (Music, Psychology), B.Sc. (AI & Data Analytics)	New Program

Sangole - New College		
Location	Program Name	College Type
Chik Mahud	B.A., B.Com., B.Sc.	Traditional College

Sangole - Existing College		
Location	Program Name	College Type
Sangole	B.A. (Politics, Physical Education, B.Sc. (Forensic Science), M.Com.	New Program

North Solapur - New College		
Location	Program Name	College Type
Solapur City	B.B.A., M.B.A.	Management College
Solapur City	B.C.A., M.C.A.	Professional College

North Solapur- Existing College		
Location	Program Name	College Type
N. Solapur	B.B.A., B.C.A.	New Program
Solapur City	B.A. (Music), B.Sc. (Statistics, Data Science, Plant Science, Information Technology, ECS, Biochemistry)	New Program
University Campus	M.Sc. (Data Science) - School of Computational Sciences, M.Sc. (Inorganic Chemistry) - School of Chemical Sciences, M.Sc. (Nano Science & Technology) - School of Physical Sciences, M.Sc. (Biotechnology) - School of Life Sciences, Master of Public Health (MPH) - School of Allied Health Science	New Program
Wadala	B.Sc. (Physics, Chemistry, Mathematics)	New Program

South Solapur - New College		
Location	Program Name	College Type
Boramani	B.B.A.	Management College
Boramani	B.C.A., B.C.S.	Professional College
Jule Solapur	Skill Base Course	Skill Base College

South Solapur - Existing College		
Location	Program Name	College Type
S. Solapur	B.Sc. (Mathematics)	New Program

Year- 2 (2025-26)

Akkalkot - New College		
Location	Program Name	College Type
Tadwal	B.A., B.Com., B.Sc.	Traditional College

Akkalkot - Existing College		
Location	Program Name	College Type
Akkalkot	B.A. (Urdu), B.Sc. (Computer Science), M.A. (Hindi, Economics)	New Program

Barshi - New College		
Location	Program Name	College Type
Surdi, Malwandi	B.Com., B.Sc.	Traditional College
Barshi	Satellite Centre	Satellite College

Barshi - Existing College		
Location	Program Name	College Type
Barshi	B.Sc. (Food Science, Fermentation Technology)	New Program

Karmala - New College		
Location	Program Name	College Type
Bhilarwadi	B.Com., B.Sc.	Traditional College

Karmala - Existing College		
Location	Program Name	College Type
Karmala	Certificate Course in Hospital Management / Soil and Water Testing	New Courses

Madha - New College		
Location	Program Name	College Type
Manegaon	B.Com., B.Sc.	Traditional College

Madha - Existing College		
Location	Program Name	College Type
Tembhurni, Kurduwadi	B.Com., B.Sc. (Fermentation Technology, Sugar Technology, Dairy Management), M.Sc. (Chemistry) - Specialization other than University campus	New Program

Malshiras - New College		
Location	Program Name	College Type
Malshiras	B.A., B.Com., B.Sc.	Traditional College

Malshiras - Existing College		
Location	Program Name	College Type
Akluj, Natepute	B.A. (Physical Education), B.Sc. (Statistics, Botany)	New Program

Mangalvedhe - New College		
Location	Program Name	College Type
Brahmapuri	B.A., B.Com., B.Sc.	Traditional College
Mangalvedhe City	B.C.A.	Professional College
Mangalvedhe City	B.B.A.	Management College

Mangalvedhe - Existing College		
Location	Program Name	College Type
Mangalvedhe	Certificate Course in Hospitality Management / Accounting	New Courses

Mohol - New College		
Location	Program Name	College Type
Waluj, Ashti, Kurul	B.A., B.Com., B.Com.	Traditional College

Mohol - Existing College		
Location	Program Name	College Type
Mohol	M.A. (Hindi)	New Program
Mohol	Certificate Course in Accounting	New Courses

Pandharpur - New College		
Location	Program Name	College Type
Ropale	B.A., B.Com.	Traditional College
Pandharpur	B.A., B.Com., B.Sc.	Traditional College (Women's College)

Pandharpur - Existing College		
Location	Program Name	College Type
Pandharpur	B.Sc. (Data Science)	New Program
Pandharpur	Certificate Course in Fisheries, Agro Tourism, Hotel and Hospitality	New Courses

Sangole - New College		
Location	Program Name	College Type
Chik Mahud	B.C.A.	Professional College
Chik Mahud	B.B.A.	Management College

Sangole - Existing College		
Location	Program Name	College Type
Sangole	B.Sc. (Statistics, Electronics)	New Programs
Sangole	Certificate Courses in Accounting, Tally, Environmental Studies, Soil and Water Testing, Fermentation Technology, Agro Tourism, Hospitality Management, Dairy Management, Goat Farming, Food Processing	New Courses

North Solapur - New College		
Location	Program Name	College Type
Solapur City	Skill Base	Skill Base College
N. Solapur	B.A., B.Com., B.Sc.	Traditional College (Women's College)

North Solapur - Existing College		
Location	Program Name	College Type
Wadala	B.Sc. (Information Technology, Computer Science, Botany, Zoology)	New Programs
University Campus	B. Tech. (Chemical Technology) - School of Chemical Science, M.A. (Education) - School of Education, M.Sc. (Dietetics and Nutrition) - School of Allied Health Science, M.Sc. (Botany) - School of Life Sciences	New Programs
University Campus	Certificate Course in Naturopathy	New Course
Solapur City	B.Sc. (Data Science, Biochemistry), M.Com. (Advanced Banking and Finance), M.Sc. (Computer Science, Statistics), Master of Computer Science (M.C.S.), Post B.Sc. (One Year Diploma in Food and Fermentation Technology, Composites and Polymer, Jaggery Powder Making, Zeolites and Ceramic)	New Programs

South Solapur - New College		
Location	Program Name	College Type
Valsang, Jule Solapur	B.B.A.	Management College
Valsang, Jule Solapur	B.C.A.	Professional College

South Solapur - Existing College		
Location	Program Name	College Type
Jule Solapur	M. Pharm. (Pharmacology, Pharmaceutical Chemistry)	New Courses
S. Solapur	M.A. (Ancient Indian History and Culture) (AIH&C)	New Courses

Year- 3 (2026-27)

Akkalkot - New College		
Location	Program Name	College Type
Akkalkot	B.A., B.Com., B.Sc.	Traditional College (Women's College)

Akkalkot - Existing College		
Location	Program Name	College Type
Akkalkot	B.Sc. (Computer Science)	New Program

Barshi - New College		
Location	Program Name	College Type
Vairag	B.Com., B.Sc.	Traditional College

Barshi - Existing College		
Location	Program Name	College Type
Barshi	B.Sc. (Soil & Water Evaluation)	New Program
Barshi	Certificate Course in Hospital Management	New Courses

Karmala - New College		
Location	Program Name	College Type
Jinti	B.Com., B.Sc.	Traditional College

Madha - New College		
Location	Program Name	College Type
Modnimb	B.Com.	Traditional College

Madha - Existing College		
Location	Program Name	College Type
Tembhurni	B.Sc. (Alcohol Technology)	New Program
Madha	Certificate Course in Accounting, Tally, Taxation, Waste Water Management, Environmental	New Courses

	Studies, Soil and Water Testing, Fermentation Technology	
Tembhurni, Madha	M.A. (Marathi, History, Economics)	New Program

Malshiras - New College		
Location	Program Name	College Type
Malshiras	B.C.A.	Professional College
Malshiras	B.B.A.	Management College

Malshiras - Existing College		
Location	Program Name	College Type
Akluj	B.A. (Psychology, Politics)	New Program

Mangalvedhe - New College		
Location	Program Name	College Type
Nandeshwar	B.A., B.Com., B.Sc.	Traditional College

Mangalvedhe - Existing College		
Location	Program Name	College Type
Mangalvedhe	Certificate Course in Fermentation Technology, Hospital Management	New Courses

Mohol - New College		
Location	Program Name	College Type
Kamati (BK)	B.A., B.Com.	Traditional College

Mohol - Existing College		
Location	Program Name	College Type
Mohol	B.A. (Politics), M.A. (History, Marathi, Geography)	New Program

Pandharpur - New College		
Location	Program Name	College Type
Bhalwani	B.Com., B.Sc.	Traditional College
Pandharpur	Satellite Centre	Satellite College

Pandharpur - Existing College		
Location	Program Name	College Type
Pandharpur	M.A. (Political Science), M.Com. (Advance Accounting)	New Program
Pandharpur	Certificate Course in Astrophysics, Music & Vedic Studies, Dramatics	New Courses

Sangole - New College		
Location	Program Name	College Type
Waki Shivani	B.A., B.Com., B.Sc.	Traditional College

North Solapur - Existing College		
Location	Program Name	College Type
Solapur City	Post B.Sc. (One Year Diploma in Sugar Technology, Food and Fermentation Technology, Composites and Polymer, Jaggery Powder Making), M.Com. (Advance Banking), M.Sc. (Specialization other than University Campus), Post Graduate Diploma in Computer Application (PGDCA), M.B.A., M.C.A., M.E. (Electrical Engineering)	New Programs
University Campus	M.Sc. (Zoology, Drug Chemistry, Forensic Science), Master of Public Health, M.B.A. (Hospital and Health Care Management) - School of Allied Health Sciences	New Programs
University Campus	Certificate Course in Media Production, Foreign Languages, Renewable Energy Sources	New Courses
North Solapur	B.B.A.	New Program
Wadala	B.Sc. (Statistics, Microbiology)	New Program

South Solapur - New College		
Location	Program Name	College Type
Hotagi	B.B.A.	Management College
Hotagi	B.C.A.	Professional College

South Solapur - Existing College		
Location	Program Name	College Type
S. Solapur	B.Sc. (Computer Science), M.Com., M.A. (Geography)	New Programs

Year- 4 (2027-28)

Akkalkot - New College		
Location	Program Name	College Type
Valsang	B.Com., B.Sc.	Traditional College

Akkalkot - Existing College		
Location	Program Name	College Type
Akkalkot	M.A. (Marathi, History)	New Programs

Barshi - New College		
Location	Program Name	College Type
Shendri	B.Com., B.Sc.	Traditional College
Barshi City	B.A., B.Com.	Traditional College (Night College)

Barshi - Existing College		
Location	Program Name	College Type
Barshi	Certificate Course in Accounting, Soil and Water Testing	New Courses

Madha - New College		
Location	Program Name	College Type
Madha	B.Sc.	Traditional College

Madha - Existing College		
Location	Program Name	College Type
Kurduwadi	M.A. (Marathi, History, Economics)	New Programs

Malshiras - New College		
Location	Program Name	College Type
Malshiras	B.A., B.Com.	Traditional College (Women's College)

Malshiras - Existing College		
Location	Program Name	College Type
Akluj	Diploma in (Fermentation Technology, Dairy Technology, Hotel Management)	New Programs
Natepute	B.A. (Fine Arts)	New Program

Mangalvedhe - New College		
Location	Program Name	College Type
Brahmapuri	B.Com., B.Sc.	Traditional College

Mohol - Existing College		
Location	Program Name	College Type
Mohol	M.A. (Marathi, English)	New Programs

Pandharpur - New College		
Location	Program Name	College Type
Pandharpur	B.A., B.Com., B.Sc.	Traditional College

Pandharpur - Existing College		
Location	Program Name	College Type
Pandharpur	Certificate Course in (Accounting, Tally, Taxation, Disaster Management, Dairy Management, Vermi Composting, Public Health During Festivities, Hygiene and Health)	New Courses

North Solapur - Existing College		
Location	Program Name	College Type
N. Solapur	B.Sc. (Computer Science)	New Program
Solapur City	M.Com. (Advance Accounting, Advance Banking), M.Sc. (Computer Science), M.B.A., M.C.A., Master of Computer Science (M.C.S.), P.G. Diploma in Computer Application (PGDCA)	New Program

University Campus	M.Sc. (Analytical Chemistry)	New Program
University Campus	Certificate Course in (Medico Tourism, Communication Skill, Water Management, Yoga and Meditation)	New Courses

South Solapur - New College		
Location	Program Name	College Type
Jule Solapur	B.Sc. (ECS), B.C.A.	Professional College
Jule Solapur	B.B.A.	Management College

Year- 5 (2028-29)

Akkalkot - Existing College		
Location	Program Name	College Type
Akkalkot	M.A. (Politics, English)	New Programs

Barshi - New College		
Location	Program Name	College Type
Korpale	B.Com., B.Sc.	Traditional College

Barshi - Existing College		
Location	Program Name	College Type
Barshi	Certificate Course in Hospitality Management	New Course

Madha - Existing College		
Location	Program Name	College Type
Kurduwadi	B.Sc. (Fermentation Technology)	New Program
Tembhurni	Bachelor of Hotel Management and Catering Technology (B.H.M.C.T.)	New Program

Malshiras - New College		
Location	Program Name	College Type
Malshiras	B.Com., B.Sc.	Traditional College
Malshiras	Skill Base	Skill Base College

Mangalvedhe - New College		
Location	Program Name	College Type
Laxmi Dahiwadi	B.Com., B.Sc.	Traditional College

Mohol - Existing College		
Location	Program Name	College Type
Mohol	B.A. (Economics), M.Sc. (Specialization other than University Campus)	New Programs

Pandharpur - Existing College		
Location	Program Name	College Type
Pandharpur	Certificate Course in (Water Management, Environmental Studies, Soil and Water Testing, Fermentation Technology)	New Courses

Sangole - New College		
Location	Program Name	College Type
Sangola	B.A., B.Com., B.Sc.	Traditional College (Women's College)

Sangole - Existing College		
Location	Program Name	College Type
Sangole	B.Sc. (Microbiology, Economics, Plant Protection)	New Programs

North Solapur - Existing College		
Location	Program Name	College Type
University Campus	Certificate Course in (Environment and Industrial Safety, Cyber Security, Data Science)	New Courses
Wadala	M.A. (English, History)	New Program

2024-25

Name of the University Department / College Location	Deliverable
Pandharpur	Night College (01)
Mangalvedhe	Law College (01)
Madha	Pharmacy College (01)
South Solapur	Skill Base College (01)
North Solapur, South Solapur	Management Colleges (02)
Akkalkot, Barshi, Karmala, Madha, Malshiras, Mangalvedhe, Mohol, Pandharpur, Sangole,	Traditional Colleges (09)
Mangalvedhe, North Solapur, South Solapur	Professional Colleges (03) (BCA/BCS/MCA)
University Campus	M.Sc. (Biotechnology, Data Science, Inorganic Chemistry, Nano Science & Technology), Master of Public Health (MPH)

2025-26

Name of the University Department / College Location	Deliverable
Pandharpur, North Solapur	Women Colleges (02)
North Solapur	Skill Base College (01)
Mangalvedhe, Sangole, South Solapur,	Management Colleges (03)
Akkalkot, Barshi, Karmala, Madha, Malshiras, Mangalvedhe, Mohol, Pandharpur	Traditional Colleges (8)
Mangalvedhe, Sangole, South Solapur	Professional Colleges (03) (BCA)
Barshi	Satellite Centre (01)
University Campus	B. Tech. (Chemical Technology), M.A. (Education), M.Sc. (Botany, Dietetics and Nutrition), Certificate Course in Naturopathy

2026-27

Name of the University Department / College Location	Deliverable
Akkalkot	Women's College (01)
Malshiras, South Solapur	Management Colleges (02)
Karmala, Madha, Mangalvedhe, Mohol, Pandharpur, Sangole, Barshi	Traditional Colleges (07)
Malshiras, South Solapur	Professional Colleges (02) (BCA)
Pandharpur	Satellite Centre (01)
University Campus	M.Sc. (Drug Chemistry, Forensic Science, Zoology), M.B.A. (Hospital & Healthcare Management), Certificate Course in Media Production, Foreign Language, Renewable Energy Sources

2027-28

Name of the University Department / College Location	Deliverable
Malshiras	Women's College (01)
Barshi	Night College (01)
South Solapur	Management College (01)
Akkalkot, Barshi, Madha, Mangalvedhe, Pandharpur	Traditional Colleges (05)
South Solapur	Professional College (01) (B.Sc. (ECS) / (BCA)
University Campus	M.Sc. (Analytical Chemistry), Certificate Course in Media Tourism, Communication Skills, Water Management, Yoga and Meditation

2028-29

Name of the University Department / College Location	Deliverable
Sangole	Women's College (01)
Malshiras	Skill Base College (01)
Barshi, Malshiras, Mangalvedhe	Traditional Colleges (03)
University Campus	M. Tech. (Chemical Technology), Certificate Course in Environment and Industrial Safety, Cyber Security, Data Science

5. Strategies and Modes of Implementation

5.1 New Locations (C4)

New location proposed by 2029 on year to year basis:

Sr. No.	Taluka	Locations
1.	South Solapur	1) Boramani 2) Valsang 3) Hotagi 4) Jule Solapur
2.	North Solapur	1) Solapur City 2) North Solapur
3.	Akkalkot	1) Dudhani 2) Tadwal 3) Akkalkot
4.	Mohol	1) Begampur 2) Waluj 3) Ashti 4) Kurul 5) Kamati (BK)
5.	Madha	1) Tembhurni 2) Manegaon 3) Modnimb 4) Madha
6.	Pandharpur	1) Karkamb 2) Ropale 3) Bhalwani 4) Pandharpur
7.	Malshiras	1) Jadhav Wadi 2) Malshiras
8.	Sangole	1) Chik Mahud 2) Waki Shivani 3) Sangole
9.	Barshi	1) Malegaon 2) Surdi 3) Malwandi 4) Vairag 5) Shendri 6) Korpale 7) Barshi
10.	Mangalwedha	1) Marwade 2) Brahmapuri 3) Nandeshwar 4) Mangalvedhe 5) Laxmi Dahiwadi
11.	Karmala	1) Jeur 2) Bhilarwadi 3) Jinti

5.2 New courses

1) Name of university department: School of Commerce & Management

- Tally ERP 9.9

2) Name of university department: School of Social Sciences

- SWAYAM MOOC Courses: Environmental, Journalism, Entrepreneurship Development
- Skill Development Courses: NGO Management, Indian Tourism

3) Name of university department:

- Certificate course in Cosmetic Dermatology
- PG Diploma course in Perfumery and Cosmetics management

4) Name of university department: School of Chemical Sciences

- Analytical Chemistry
- Inorganic Chemistry
- Chemical Technology

Rationale / Justification- At present, we have four specializations: 1) Polymer Chemistry 2) Organic Chemistry 3) Industrial Chemistry 4) Medicinal Chemistry

a) The proposed course of Analytical Chemistry aims to establish fundamental concepts in advanced analytical techniques (with the help of available instrumentation facilities at the university instrumentation centre).

b) The proposed course of Inorganic Chemistry aims to strengthen the basic concepts of Inorganic Chemistry. This core science is fully integrated with other areas of chemistry such as organic, physical and analytical chemistry.

5.3 Implementation of NEP 2020-

New Education policy 2020 will be implemented from 2023-24 for UG & PG programmes on university campuses & affiliated colleges as per the report on New Education Policy 2020 & guidelines issued by the Govt. from time to time. As a part of the implementation of the New Education Policy, UG degree will be restructured as UG multidisciplinary 4 years degree & PG diploma as well as a degree.

5.4 Modification/revision of the existing courses to make them oriented to the objectives

All traditional degree courses (UG and PG) will be modified as per the recent developments according to the concern curriculum to include at least one skill component as per NEP 2020 with focus on skill & entrepreneurship development. University and select affiliated colleges will seek recognition from NSQF, MSME, DIT, Incubation Centres, GoM.

5.5 Implementation of Choice Based Credit system

All UG and PG programs in University campus and affiliated colleges are run with choice based credit system.

5.6 Train the trainers & Training Teachers-

For the effective implementation of NEP 2020, the Board of Studies of the respective subjects & teachers will be trained for syllabus restructuring & proposed pedagogies and evaluations. At least one teacher from each school of the University and one teacher from each affiliated college will be trained by a professional skill provider. As well as, recognition as VTI under the Ministry of Skill Development, GoM will be obtained. These trained teachers will provide training to the additional teachers of the University campus as well as affiliated colleges by organising training programs under the guidance of the University. Trained teachers will pass on the knowledge regarding various skills to the students. Through the additional skill component courses. The colleges also will be promoted to register NPTEL & SWAYAM MOOC platforms to provide vocational and skill development domains. They will also be trained for organizing on-job training, field projects and establishing incubation centres.

5.7 Developing appropriate R&D culture

University proposes to establish **Research Park** on the campus and strengthen the existing incubation centre. It is proposed to sign MoUs with industries for the exchange of research ideas, industrial know-how, Internships & Collaborations. Research Committee constituted by the university will frame the mechanism for enhancing R&D Culture among the teachers. The funds received from the project run with the help of industries and consultancy received will be shared by the concerned faculty and respective college in proportionate as decided by the committee. Incentives will be given to the research mentor and the students working under the scheme. Staff will be encouraged to have industry partnerships in the project. The university will sanction the funding for research projects after a proper evaluation of the scheme. Year-wise evaluation of the project will be done by the expert team accordingly suggestions, incentives will be given to the research mentor. Looking at the outcome of the project University may sanction additional funding for the project. The information regarding Research Park and facilities, consultancy services available in specific areas, and analysis facilities will be uploaded on the website so that concern people may directly approach the Director of the research park to seek R&D guidance.

5.7 Development of key research areas which bring national/international visibility

Presently, faculty members are engaged in key area research like, Artificial Intelligence Data Analytics, Gas sensors, Supercapacitors, Solar cells, Processing of polymers, Biological activity of Natural and Synthetic products, Industrial effluent treatment, Seismology, GIS, Statistical process control, Medical imaging, Big data analytics.

Current status (National/international) - The faculty members are engaged in the above-mentioned key research areas and are having h-index in the range of 2 to 48 with 10,000 citations and published 900 research papers in reputed international journals.

Strategies to enhance effectiveness and visibility of programmes:

To enhance effectiveness and visibility of Research, faculty will be encouraged to undertake industry involvement/partnership and with sharing of funds. The interdisciplinary approach will enhance the recognition of key research area at national and international level.

- a. Optimum participation of stakeholders in promotion of R & D.
- b. Industry and Academia-Collaboration.
- c. Establishment of linkages with National and International Bodies.

Other details of implementation-

Establishment of Research Park to provide the guidance to researchers

- a. Resources may be generated from industry.
- b. Preparation of strategic master plan for implementation.
- c. Staff will be promoted through Research Park. The role of research park is to provide better facilities, technical help, experts involvement, monitoring of the progress of the project

5.8 Reforms in academic administration

5.8.1: e-governance:

Information about the university and various activities will be provided through digital ways- website, Apps, and SMS. Communication with the various authorities also will be developed with digital media through email. Year-wise planning will help to achieve the goal of paper less university.

5.8.2: Linkages among various departments such as BOS, Academic Council and Affiliated colleges:

Yearly Schedule of the various meeting, agendas, minutes of the meetings, circulars, and meeting notices will be circulated to the directors of various schools, BOS chairman, members, Academic Council members, Principals of affiliated colleges, Management councils, and IT incharges via emails. In year-wise planning it is proposed to have the efficient working of the program.

5.8.3: Digital initiative:

The University library is subscribing to e-books and e-journals. Full-fledged computer facilities with internet will be provided to the student for easy access to the resources. In year-wise planning e- departmental library with supporting facilities such as computers, internet, wifi, etc will be developed. Use of Swayam and linkage with National Digital Library for sharing of digital Resources developed.

5.8.4: Uploading awards in National Academic Depository (CDSL, NSDL):

University has already started uploading degree certificates in NAD. Students will be encouraged to register themselves for NAD. Awareness workshops will be organized in the affiliated colleges, to promote and enhance the use of NAD will be done in successive years.

5.8.5: Academic audit:

In the first phase, P. A. H. Solapur University, Solapur has audited 39 grants in aided colleges and 6 schools on the campus. After every three years, they will be re-audited. In the second phase 68 non-grant colleges will be audited in year-wise planning.

5.8.6: Satellite Centres and Autonomy to Departments and Colleges:

In the fifth year of the perspective plan, two sub-campuses are proposed at Pandharpur & Barshi for administrative decentralization of the university work. Presently NAAC grade of the university is B++ with CGPA 2.96. After fulfilling eligibility criteria's university will promote 03 departments to undergo autonomy. Presently 05 colleges have been awarded Autonomous status. The respective college will be encouraged to obtain autonomy.

5.8.7: Keeping track of students going for higher studies:

Students going to pursue doctoral research at national/international institutes, for post doctoral research, who have started start-up projects, entrepreneurs will be maintained by framing suitable mechanisms in consultation with the various schools. Year by year it will be strengthened.

5.8.8: Keeping track of Alumni and Strengthening Alumni Association:

The Alumina Association of the university is registered. Its functioning is maintained by organising periodical meetings. It is planned to involve Alumina in the development and welfare of students by using their expertise. Alumina will be encouraged to start incubation centres.

5.8.9: Exam reforms: Online examinations:

University has implemented 40 recommendations of the Rajesh Agarwal Committee on Exam Reforms as online question Paper Delivery, online applications for Revaluation, online student registration for examination to the issuance of hall tickets. O.M.R. and Barcode Technology on the cover page of answer sheets also adopted Digital Scanning & Onscreen evaluation, Dematting of Degree Certificates.

5.8.10: Smart Campus:

University has started the use of non-renewable energy sources by generating 100 KeV by installing solar panels. In next phase, additional 100 KeV electricity will be generated by installing Solar.

Water Harvesting projects will be implemented in years wise planning to save at least 30% of water.

University has started a Vermin compost unit to manage degradable waste. In successive years more vermin compost units will be developed. E-waste from the university will be managed in consultation with Ecoreco Recycling Ltd, Mumbai

5.8.11: Reforms in Financial Management.

University runs a mode of payments by the digital system for collecting admission fees, examination fees and fees from colleges. Payments of various services are made by online payment gateway. It is envisaged that in 2024 university will generate funds to the tune of 30 lakh per year through

technology transfer, incubation, consultancy and working with government agencies.

5.9 Student's Welfare and Sports: All students of UG & PG programs are covered under

Accidental Insurance Policy Scheme (For Amount of Rs.10, 00000/-)

Competitive Examination guidance is provided through Cell. The facilities like Synthetic running tracks, sports complexes, Basket ball courts, and Indoor Games, will be added in successive years of the plan.

5.10 Strengthening Linkages with local bodies and governmental schemes

5.10.1: In Consultation with the Zilla Parishad, University has adopted 07 villages for their development. With the help of faculty and students awareness programs regarding water harvesting, wastewater management, non-renewable energy resources, Plastic ban, cleanness, health and hygiene will be done.

5.10.2: Social and governmental programmes

Participation of faculty and students in the welfare of farmers, villagers, and women's, through the organisation of camps, and training programmes will be done. With the help of expertise importance of government programmes like jalyukt shivar, Unnat Bharat, Maharashtra Abhiyan, Swatch Bharat, Tree plantation, the digital pathway of payment, Health & hygiene, and Yoga will be achieved.

5.11 Strengthening Linkages with Industry:

University has signed 25 MoUs with industries. The target is to strengthen and to make the more effective functioning of the MoUs. Industry academia partnership is planned so that in the successive years of the plan period industry-sponsored research projects and in-plant training will be arranged. Also, placement camps will be organised. It is also proposed to have internships for students of UG and PG levels. For strengthening these linkages periodic meetings with industry persons will be arranged.

5.12 Strengthening Linkages with Local Regions:

Presently linkages with local regions are very poor. Through interaction with local NGOs, and donors, welfare schemes for the students will be established either by giving scholarships to poor, needy students from the funds raised. It is proposed to develop a separate centre for strengthening these activities.

5.13 Linkages with International/National/State level institutes/agencies:

5.13.1: *International Universities/Institutes* - School of Social Science has signed NMO University of Turku, Finland, School of Computational Science has an MoU with Trialect Incorporation USA.

5.13.2: *National Universities/Institutes* - P. A. H. Solapur University has in all 23 MoU with institutes of the National level. School of Physical Science has MoU with

N.Shankaran Nair Research Centre for Nanotechnology and Nanotechnology Ambernath Mumbai, JET Industries Kolhapur, Central Electronics Engineering Research Institute Pilani and pioneer Electro Systems Pandharpur, North Maharashtra University, Jalgaon, etc.

- Dept. of Electronics has signed a MoU with the Department of Electronic Science, Savitribai Phule University, Pune.
- School of Computational Science has signed MoU with Quick Heal Foundation and Leotechsa Robotics Pvt. Ltd. Pune.
- School of Social Science has signed MoU with the Federation of Film Societies of India, Mumbai.
- School of Chemical Science has signed MOU with Vamsi Labs, Solapur.
- School of Earth Science has signed MoU with the National Research Centre of Pomegranate Solapur.
- University also has signed MoU with Deccan College Pune, Inflibnet, Shodhganga/Shodhgangotri.
- E-Verification, E Transcript, Chhatrapati Shahu Institute of Business Education and Research, Babhul Study and Management Institute, Sangola, MKCL, Pune, BARTI, Pune, Research for Resurgence Foundation, Nagpur.

5.13.3 RUSA: - P. A. H.Solapur University has received Rs. 20 Cr. under RUSA scheme for universities for Infrastructure, Research & Innovation and Renovation of existing infrastructure.

5.13.4 TEQIP :

5.13.5 RGSTC:

Punyashlok Ahilyadevi Holkar Solapur University Signed MoU's with RGSTC, Mumbai to provide a platform for faculty to carry out research in the interest of society university has received Rs. 50,00,000/- as a first instalment for the techno societal projects.

6. Deliverables:

Name of the University Department / College	Objective from sec. 2	Deliverable
Pandharpur, North Solapur, Akkalkot, Malshiras, Sangola	1.1	Women Colleges (05)
Tembhurni (Madha)		Pharmacy College (01)
Pandharpur, Barshi	1.1, 1.2 (D)	Night Colleges (02)
Physical Sciences	1.1 1.4	M.Sc. (Nano Science & Technology, Forensic Science), Skill Course Renewable Energy Sources
Computational Sciences	1.1 1.4	M.Sc. (Data Science), Skill Course in Cyber Security
Chemical Sciences	1.1 1.4	M.Sc. (Drug Chemistry, Inorganic Chemistry, Analytical Chemistry), M. Tech. (Chemical Technology), B. Tech.- Chemical Technology
Social Sciences	1.1	Skill Course in Media Production, Foreign Language, Communication Skill
Human Research Development Centre	1.6 (C)	Academic Staff College
Skill Development Centre	1.6	Skill based courses
School of Life Science	1.1, 1.6 (C) 1.2, 1.4	M.Sc. (Biotechnology, Botany, Zoology)
School of Allied Health Science		Master of Public Health (MPH), MBA (Hospital and Healthcare Management) M.Sc. (Dietetics and Nutrition), Skill Course in Yoga and Meditation, Naturopathy
School of Education		M.A. Education
South Solapur, North Solapur, Malshiras		Skill Base College
Mangalvedhe, North Solapur, South Solapur, Sangole, Malshiras		Professional Colleges

7. Suggestions to help implement the plan:

Name of University Department /College	Issues/Problems	Suggestions
P.A.H Solapur University and Affiliated Colleges	Financial Constraints in starting new Colleges	Inviting Corporate Sector to Venture into education sector in the University area
	GER Improvement	<ol style="list-style-type: none"> 1. To Start New Traditional & Professional Colleges 2. To Start Women Colleges 3. To Start Night Colleges 4. To Grant additional divisions 5. To Start Distance Education (Hybrid Mode)
	Inclusivity and Equity	In Akkalkot, North Solapur, Pandharpur, Malshiras and Sangole Taluka the number of a female candidate passing HSC being on the higher side of women's colleges are suggested
	Unskilled Manpower	<ol style="list-style-type: none"> 1. Introducing Skill oriented courses 2. Updating existing curricula 3. Introducing internships and training as part of the curriculum
	Quality and Delivery Education	Human Resource Development Centre for Teachers
	Making University a Cultural Powerhouse	To strethan fine arts, Dramatics, Music and creative art (School of Fine & Performing Arts)
	Leadership Development	Introducing various courses in <ol style="list-style-type: none"> 1. Management 2. Foreign Languages

Rationale / Justification:

There are several justifications for suggesting new colleges and courses. With respect to local and global requirements, the proposed courses aim to increase and improve the gross enrollment ratio, gender and social inclusivity, skill development, employment, and entrepreneurship development. Additionally, it seeks to establish and advance fundamental ideas among the students to meet prerequisites of Industry 4.0 .

Strategies to boost enrolment:

The strategies to boost enrolment for the proposed courses are:

- Careful preparation and execution of the courses.
- Circulation of information about the courses to all the stakeholders.
- A focus on skills and employment in the course through industry-academia collaborations.
- Global exposure to the students.
- Promote skill development for placement and entrepreneurship development.

Other details of implementation: N/A

8. Approvals

The perspective plan was discussed and approved.

Board of Deans

Signature of Authorised Signatory with date

Academic Council

Signature of Authorised Signatory with date

Management Council

Signature of Authorised Signatory with date

Senate

Signature of Authorised Signatory with date