

Smt. Narsamma Hirayya Shaikshanik Trust, Amravati's
Smt. Narsamma Arts, Commerce and Science College, Amravati

Deployment document of the Institution

Strategic plan prepared by IQAC ensures the development of all the aspects of the institute. Based on the feedback received from the different stakeholders, the prepared plan is discussed and finalized in the meetings of the CDC. The strategic plan of the institute includes:

- To organize workshops, seminars and training programs in soft-skills for the students and the faculty
- To organize seminars, workshops and conferences in order to encourage and motivate the faculties towards qualitative research
- To establish MOUs with reputed institutes and organizations
- To motivate the faculties towards the use of information communication technology for teaching and learning process
- To undertake Administrative and Academic Audit of the institute
- To undertake green audit of the campus
- To start short term certificate/add on courses
- To start research centers and PG programs in more subjects
- To augment the physical infrastructure in order to cope up with the increasing number of courses
- To develop ICT infrastructure and to establish dedicated ICT and Smart classrooms
- To develop more games and sports facilities

One activity successfully implemented based on the strategic plan

As decided in the IQAC meeting held on 15-06-2018, Green Audit of the campus is undertaken every year. This audit is undertaken in five interconnected areas namely Bio-diversity Survey of the Campus, audit of Solid Waste Management, Liquid waste Management, Rain water harvesting and Energy Audit of the campus.

The findings of the Green Audit for the academic session 2022-23 are summarized as follows:

1. The bio-diversity Survey reveals that the Campus has rich diversity of trees of about 62 species belonging to 27 families. The campus has also been found to be a friendly habitat for number of birds, moths and butterflies.
2. The solid waste management pit located in the garden area produces around 500 Kg of compost manure in a season
3. The waste water from the laboratories are treated with the help of softening pit.
4. The system of roof-top rain-water harvesting established around the three building-blocks of the campus accumulates about 1,12,62,500 litres per year
5. Energy audit of the campus shows that energy consumption through LED lights is around 20% of the total consumption of the campus.




PRINCIPAL
Smt Narsamma Arts, Comm. & Sci. College,
Kira., Nagar. Amravati

Smt. Narasamma Arts, Commerce and Science College, Amravati**Perspective Plan 2019-2024****Comprehensive Development Plan for Departments & Committees****(For the period 2019-20 to 2023-24)****Part-I: Academic Growth****A) Proposed Skill oriented Programs / Courses**

S.N.	Subject	Name of the Programme/ Course	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Certificate Course in "Certificate in Tourism Management with emphasis on eco-tourism"	1	1	1	1	1	1
2	Chemistry	Certificate course for handling IR, HPLC	0	0	1	1	1	1
3	Computer Science	1. Certificate course in ICT 2. Certificate course in Web Design	0	0	1	0	1	0
4	Industrial Chemistry	Certificate Course in Handling Laboratory Appliances for the Attendants	0	0	1	0	0	1
5	Physics	Certificate Course in Assembling Basic Experimental Laboratory Kits	1	1	1	1	1	1
6	Economics	M.A.(ECO)	0	0	0	0	1	0
7	English	1. Certificate Course in Communication Skills in English 2. CCCE with language Laboratory	1	1	1	1	1	1
8	History	Prachin Bharatil Nanak Shastra	0	0	1	0	0	0
9	Marathi	Certificate Course in $\square\square\square\square\square\square$ $\square\square\square$ $\square\square\square\square$ $\square\square\square\square$ $\square\square\square\square$ $\square\square$ यथाकरण $\square\square$ यथास -	0	1	1	1	1	1

B) Co-curricular Activities

S.N.	Department	Type of Co-curricular Activity	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Guest lecture	1	2	2	2	2	2
		Study tour/ visit	1	2	2	2	2	2
		Poster presentation	1	1	1	1	1	1
		Wild life week celebration	1	1	1	1	1	1
2	Chemistry	Seminar	1	1	1	1	1	1
		Guest lecture	1	1	1	1	1	1
		Study tour	1	1	1	1	1	1
		Poster presentation	1	1	1	1	1	1
3	Computer Science	Seminar	2	2	3	3	4	4
		Guest lecture	2	3	4	4	4	4
		Study tour	2	2	2	2	2	2
4	Environment Science	Seminar	1	1	1	1	1	1
		Guest lecture	1	1	1	1	1	1
		Study tour	1	1	1	1	1	1
		Poster presentation	1	1	1	1	1	1
5	Industrial Chemistry	Seminar	1	1	1	1	1	1
		Guest lecture	1	1	1	1	1	1

6	Mathematics	Study tour/visit	1	1	1	1	1	1
		Seminar	1	1	1	1	1	1
		Guest lecture	1	2	2	2	2	2
		Study tour	0	1	1	1	1	1
7	Physics	Poster presentation	1	1	1	1	1	1
		Seminar	0	0	0	0	0	0
		Guest lecture	1	1	1	1	1	1
		Study tour/visit	1	1	1	1	1	1
		Poster presentation	0	1	0	0	0	1
8	Economics	Wall Magazine	1	1	1	1	1	1
		Seminar	0	1	1	1	1	1
		Guest lecture	0	1	1	1	1	1
		Study tour	0	1	1	1	1	1
		Poster presentation	0	1	-	1	-	1
9	English	Seminar	2	2	2	2	2	2
		Guest lecture	1	2	2	2	2	2
		Study tour	0	1	1	1	1	1
		Poster presentation	1	1	1	1	1	1
10	History	Seminar	6	6	6	6	6	6
		Guest lecture	2	2	2	2	2	2
		Study tour	1	1	1	1	1	1
		Poster presentation	0	0	1	0	1	1
11	Marathi	Seminar	4	1	1	1	1	2
		Guest lecture	3	3	3	3	3	3
		Study tour	1	1	1	1	1	1
		Poster presentation	1	1	1	1	1	1
12	Political Science	Seminar	1	1	1	1	1	1
		Guest lecture	0	1	1	1	1	1
		Study tour	0	1	1	1	1	1
13	Sociology	Seminar	0	1	1	1	1	1
		Guest lecture	0	1	2	1	2	1
		Study tour	0	1	1	2	1	1
		Sociology Study Circle	0	1	1	1	1	1

C) Bridge Courses/ Remedial Courses

S.N.	Department	Type	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Bridge Courses	1	1	1	1	1	1
		Remedial Courses	1	1	1	1	1	1
2	Chemistry	Bridge Courses	0	1	1	1	1	1
		Remedial Courses	0	1	1	1	1	1
3	Computer Science	Bridge Courses	0	1	1	1	1	1
		Remedial Courses	0	1	1	1	1	1
4	Environment Science	Bridge Courses	0	1	1	1	1	1
		Remedial Courses	0	0	1	1	1	1
5	Industrial Chemistry	Bridge Courses	0	0	0	1	0	0
		Remedial Courses	0	0	0	0	0	0
5	Mathematics	Bridge Courses	1	1	1	1	1	1
		Remedial Courses	1	1	0	0	0	1
6	Physics	Bridge Courses	1	1	1	1	1	1
		Remedial Courses	1	1	1	1	1	1
7	English	Bridge Courses	1	1	1	1	1	1

		Remedial Courses	3	3	3	3	3	3
8	History	Bridge Courses	0	1	1	1	1	1
		Remedial Courses	0	0	0	0	0	0
9	Political Science	Bridge Courses	0	1	1	1	1	1
		Remedial Courses	0	1	1	1	1	1

D) Learning Methods

S.N.	Department	BLM	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Online test	1	1	1	1	1	1
		Assignment	1	2	2	2	2	2
		Videos	1	5	5	5	5	5
		Study tour/ Excursions	1	2	2	2	2	2
2	Chemistry	Online test	0	1	1	1	1	1
		Assignment	1	1	1	1	1	1
		Study tour/ Excursions	1	1	1	1	1	1
3	Computer Science	Online test	1	2	3	4	4	4
		Assignment	2	3	4	4	4	4
		Videos	10	10	15	20	20	20
		Study tour/ Excursions	2	2	2	2	2	2
4	Environment Science	Online test	1	1	1	1	1	1
		Assignment	1	1	1	1	1	1
		Videos	0	1	1	0	0	0
		Study tour/ Excursions	1	1	1	1	1	1
5	Industrial Chemistry	Assignment	1	2	2	2	2	2
		Videos	1	5	5	5	5	5
		Study tour/ Excursions	1	1	1	1	1	1
6	Mathematics	Assignment	1	1	1	1	1	1
		Study tour/ Excursions	1	1	1	1	1	1
7	Physics	Online test	1	2	2	2	2	2
		Assignment	1	2	2	2	2	2
		Videos	1	8	8	8	8	8
		Study tour/ Excursions	1	1	1	1	1	1
8	Economics	Online test	0		1	1	1	1
		Assignment	0	1	1	1	1	1
		Videos	0	1	1	1	1	1
		Study tour/ Excursions	0	1	1	1	1	1
9	English	Online test	4	4	4	4	4	4
		Assignment	2	2	2	2	2	2
		Videos	3	3	3	3	3	3
		Study tour/ Excursions	0	1	1	1	1	1
10	History	Online test	0	2	2	2	2	2
		Assignment	6	6	6	6	6	6
		Videos	10	10	10	10	10	10
11	Marathi	Online test	0	0	0	0	0	0
		Assignment	8	8	8	8	8	8
		Videos	5	5	5	5	5	5
		Study tour/ Excursions	1	1	1	1	1	1
12	Political Science	Assignment	2	2	2	2	2	2
		Study tour/ Excursions	1	1	1	1	1	1
13	Sociology	Assignment	0	1	1	1	1	1
		Videos	0	1	1	1	1	1

	Study tour/ Excursions	0	1	1	1	1	1
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E) Linkages for Academic Activities

S.N.	Department	Linkages established with industry/ Organization/ Academic	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Member of Garden club, Amravati	1	1	1	1	1	1
		Dept. Of Botany Brijlal Biyani College Amravati.	1	1	1	1	1	1
2	Chemistry	MoU with VPS Amravati	1	1	1	1	1	1
3	Computer Science	DotCom Infotech Pvt. Ltd., Amravati	0	1	1	0	0	0
		PG Dept. of Comp. Sc. & Engg., SGBAU, Amravati	0	0	0	1	0	0
		ITRONS Pvt. Ltd., Amravati	1	0	0	0	1	1
4	Environment Science	MOUs with With NGOs, Academic Industries	1	1	1	1	1	1
5	Industrial Chemistry		0	0	0	1	1	0
6	Physics	MSEB (Extension)	1	1	1	1	1	1
		SGBAU (Extension)	1	1	1	1	1	1
		AUPTA (Extension)	1	1	1	1	1	1
		Victor Tutorials Pvt. Ltd. (New)	0	1	1	1	1	1
7	Economics	NGO	0	1	1	1	1	1
8	English		1	1	1	1	1	1

F) Initiatives for Development of Skills/ Entrepreneurship

S.N.	Department	Initiative	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Add-on Free Certificate Courses	2	2	2	2	2	2
2	Computer Science	1.Live skill based projects for B.Sc. II,III, M.Sc. II students	1	1	1	1	1	1
3	Physics	Add-on Free Certificate Courses	1	0	1	0	1	0

G) Research Projects

S.N.	Department	Project Type	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	MRPs/Research Projects	1	1	1	1	1	1
2	Computer Science	Minor Research Project	0	0	1	0	1	0
3	Environmental Science	Minor Research Project	0	0	1	0	1	0
4	Industrial Chemistry	MRPs/ PG Research Projects	1	1	1	1	1	1
5	Physics	MRPs/Research Projects	0	1	0	1	0	1

H) Research Outcome

S.N.	Department	Outcome	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Research Publications	1	2	2	2	2	2

2	Computer Science	Ph.D's Produced	1	1	1	1	1	0
		Research Papers Published	4	4	4	4	4	4
3	Environmental Science	Research Publications	2	1	1	1	1	1
4	Industrial Chemistry	Research Publications	1	0	2	0	2	0
5	Mathematics	Paper presentation	3	3	3	3	3	3
6	Physics	Research Publications/Presentation	1	2	2	2	2	2

I) Patents

S.N.	Department	Patent Status	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Physics	1. Filed	0	0	0	1	0	0
		2. Published	0	0	0	0	0	1

J) Functional MoU's

S.N.	Department	Name of the Industry/ Institution/ Organization to with MoU is signed.	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Vishwabharati Public School, Amravati	1	1	1	1	1	1
		Other Institutions	0	1	1	1	1	1
2	Chemistry	Vishwabharati Public School, Amravati	1	1	1	1	1	1
3	Computer Science	Pune Academy of Advance Computer Technologies (PACT), Amravati	1	1	1	1	1	1
4	Environment Science	Wild life & Environmental Conservation Society	1	1	1	1	1	1
		Aranyam Conservation Society, Amravati	1	1	1	1	1	1
		Amravati Garden Club	1	1	1	1	1	1
5	Industrial Chemistry	MoU for Research collaboration	0	0	0	0	0	1
6	Mathematics	With CA	1	1	1	1	1	1
		With institution	1	1	1	1	1	1
7	Physics	Vishwabharati Public School (Extension)	1	1	1	1	1	1
		LASER (Extension)	1	1	1	1	1	1
		Other Institutions	0	1	1	1	1	1
8	Economics	Kautilya Dnyana Prabodhini	1	1	1	1	1	1
9	English	BalSadan	1	1	1	1	1	1

K) Outreach/ Extension activities

S.N.	Department	Name of the Outreach / Extension Activity	Current Status	Anticipated Growth in the Academic Session				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	Exhibition of medicinal plants and Awareness about its uses	1	1	1	1	1	1
		Promotion and Demonstration of Experimental Skills Among School Children	1	1	1	1	1	1
2	Computer Science		0	1	1	1	1	1
3	Environment	Eco-friendly Ganesh Festival:	1	1	1	1	1	1

	Science	Environmental Education & Awareness Programme	1	1	1	1	1	1
4	Industrial Chemistry	Fire and Safety Awareness Workshop	0	0	0	1	0	0
5	Mathematics	Teaching to mute and deaf students	1	1	1	1	1	1
		Mathematical games competition for blind studenta	1	1	1	1	1	1
6	Physics	Energy Saving and Awareness	1	1	1	1	1	1
		Promotion and Demonstration of Experimental Skills Among School Children	1	1	1	1	1	1
7	English	Library Support (Reading with the kids)	1	1	1	1	1	1
8	History	Departmental Library	1	1	1	1	1	1
9	Marathi	□□□ - □□□ रत्न □□□□□□□□□□	1	1	1	1	1	1

L) ICT infrastructure

S.N.	Department	Type	Current Status	Anticipated Growth in the Academic				
				Year 1	Year 2	Year 3	Year 4	Year 5
1	Botany	1. Computers	1	1	0	0	0	0
		2. Laptops	0	1	0	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	1	1	0	0	0	0
		5. Wifi	1	1	0	0	0	0
		6. LCD Projector	0	1	0	0	0	0
		7. LCD Screen	0	1	0	0	0	0
2	Chemistry	1. Computers	1	0	0	0	0	0
		2. Laptops	0	1	0	0	0	1
		3. Internet	1	0	0	0	0	0
		4. Printers	1	0	0	0	0	0
		5. Wifi	1	0	0	0	0	0
		6. LCD Projector	1	0	0	0	0	0
		7. LCD Screen	1	0	0	0	0	0
3	Computer Science	1. Computers	68	5	5	5	5	5
		2. Laptops	1	0	1	0	1	0
		3. Internet	1	0	0	0	0	0
		4. Printers	5	0	1	0	1	1
		5. Wi fi	1	0	0	0	0	0
		6. LCD Projector	1	1	0	1	0	1
		7. LCD Screen	2	0	0	0	0	0
		8. Server	0	0	1	0	0	0
4	Environment Scie	1. Computers	1	0	0	0	0	0
		2. Laptops	1	0	0	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	1	0	0	0	0	0
		5. Wifi	1	0	0	0	0	0
		6. LCD Projector	1	0	0	0	0	0
		7. LCD Screen	0	0	1	0	0	1
5	Industrial Chemis	1. Computers	1	0	0	0	0	0
		2. Laptops	0	0	0	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	1	0	0	0	0	0
		5. Wifi	1	0	0	0	0	0
		6. LCD Projector	1	0	0	0	0	0

6	Physics	7. LCD Screen	0	0	0	0	0	0
		1. Computers	1	1	0	0	0	0
		2.Laptops	0	1	0	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	1	1	0	0	0	0
		5. Wifi	1	1	0	0	0	0
		6. LCD Projector	0	1	0	0	0	0
7	Economics	7. LCD Screen	0	1	0	0	0	0
		1. Computers	0	1	0	0	0	0
		2.Laptops	0	0	1	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	0	1	0	0	0	0
		5. Wifi	0	1	0	0	0	0
		6. LCD Projector	0	0	1	0	0	0
8	History	7. LCD Screen	0	0	1	0	0	0
		1. Computers	0	1	1	1	1	1
		2.Laptops	0	0	0	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	1	0	0	0	0	0
		5. Wifi	0	0	0	0	0	0
		6. LCD Projector	0	0	0	0	0	0
9	Marathi	7. LCD Screen	0	0	0	0	0	0
		1. Computers	0	1	0	0	0	0
		2.Laptops	1	0	0	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	0	1	0	0	0	0
		5. Wifi	1	0	0	0	0	0
		6. LCD Projector	0	0	0	0	0	0
10	Political Science	7. LCD Screen	0	0	0	0	0	0
		1. Computers	0	1	0	0	0	0
		2.Laptops	1	0	0	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	0	1	0	0	0	0
		5. Wifi	1	0	0	0	0	0
		6. LCD Projector	0	1	0	0	0	0
11	Sociology	7. LCD Screen	0	1	0	0	0	0
		1. Computers	0	1	0	0	0	0
		2.Laptops	0	0	1	0	0	0
		3. Internet	1	0	0	0	0	0
		4. Printers	0	1	0	1	0	0
		5. Wi-Fi	0	1	1	1	1	1
		6. LCD Projector	0	1	0	0	0	0
7. LCD Screen	0	1	0	0	0	0		

Summative ICT Requirement

Sr.No.	ICT Hardware	Current Status	Anticipated Growth in the Academic				
			Year 1	Year 2	Year 3	Year 4	Year 5
1	1. Computers	73	12	6	6	6	6
2	2.Laptops	4	3	3	0	1	1
3	4. Printers	11	6	1	1	1	1
4	6. LCD Projector	4	5	1	1	0	1
5	7. LCD Screen	3	4	2	0	0	1
6	Server	0	0	1	0	0	0

Part-II: Overall Growth (Co-curricular, Extra-curricular, Professional)**1. Alumni Association****a) Alumni Engagement (Registered Alumni Association)**

Membership Type	Current Status	Anticipated Growth in the Academic Session				
		Year 1	Year 2	Year 3	Year 4	Year 5
1. Patron Member	0	5	10	15	15	15
2. Life member	15	0	0	0	15	0
3. Annual Member	500	600	700	800	800	800

b) Activities of Alumni Association

Type of Activity	Current Status	Anticipated Growth in the Academic Session				
		Year 1	Year 2	Year 3	Year 4	Year 5
Guest lecture	2	3	3	3	3	3
webinar						

2. Student Development**a) Placement cells**

Activity	Current Status	Anticipated Growth in the Academic Session				
		Year 1	Year 2	Year 3	Year 4	Year 5
Students covered	84	5	5	5	5	5
No. of Student Actually Placed	14	5	5	5	5	5

b) Learn & Earn scheme

Type of Beneficiary	Current Status	Anticipated Growth in the Academic Session				
		Year 1	Year 2	Year 3	Year 4	Year 5
a) Learn & Earn scheme - Work At University and College Office	0	3	3	3	3	3

3. Curricular Committee**Infrastructural Growth**

Sr. No.	Type	Current Status	Anticipated Growth in the Academic Session				
			Year 1	Year 2	Year 3	Year 4	Year 5
1	Classrooms	12	1	1	1	1	1
2	Laboratories	8	1	1	0	0	0
3	Tutorial Rooms	0	1	1	1	1	0
4	Seminar Hall	0	0	0	1	0	0
5	Student Facility	3	1	1	1	1	1
6	Library Building	1	Need to expand				
7	Language Laboratory	0	1	0	0	0	0
8	Digital Class Room	2	2	1	1	1	1
11	HoD & Staff Seating Area	18	1	1	1	1	2
13	Examination Office	0	1	0	0	0	0
14	NCC Room	1	0	0	0	0	0
15	NSS Room	1	0	0	0	0	0
16	IQAC Office	0	1	0	0	0	0

17	Record Room	0	1	0	0	0	0
18	T & P Office	0	1	0	0	0	0
19	Store Room	1	1	0	0	0	0
20	Security Office	0	1	0	0	0	0
21	Central Store	0	0	1	0	0	0
22	GIM	1	0	0	0	0	0
23	Seminar Room	0	1	0	0	0	0
24	AV Theater	0	1	0	0	0	0
25	Girls Hostel	0	0	0	0	0	0
26	Boys Hostel	0	0	0	0	0	0
27	Four Wheeler Parking	0	1	0	0	0	0
28	Canteen	1	0	0	0	0	0
29	Open Theater	0	0	0	0	0	0
30	Research Lab	1	3	1	1	1	0




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