



# **SELF STUDY REPORT**

**FOR**

**4<sup>th</sup> CYCLE OF ACCREDITATION**

**NES RATNAM COLLEGE OF ARTS, SCIENCE AND  
COMMERCE**

NATIONAL HIGH SCHOOL MARG BHANDUP WEST  
400078

[www.ratnamcollege.edu.in](http://www.ratnamcollege.edu.in)

Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**

**BANGALORE**

**December 2022**

# 1. EXECUTIVE SUMMARY

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## 1.1 INTRODUCTION

NES Ratnam College of Arts, Science and Commerce was established in 1983 and has ever since evolved to make a mark for itself as one of the premier institutes of higher education in Mumbai. The institution's distinctiveness lies in the insistence on discipline as top priority which is key to academic excellence and character building.

Ratnam College occupies a distinguishable place among the 69 institutions of the National Education Society (NES) and Saraswathi Vidya Bhavan (SVB) Education Group founded by Dr. R. Varadarajan in 1963. The College is the result of foresightedness of the Founder-President who worked relentlessly to realize his mission of making higher education accessible to all the echelons of society irrespective of financial backgrounds, caste, creed or gender. Today the college caters to students drawn from all sections of society while simultaneously growing in faculty and infrastructural amenities. In the current year 2022-23, NES-SVB Group is celebrating the Diamond Jubilee year of its glorious existence of 60 years, reflecting back on its contributions to the society through imparting quality education to about 43800 students ranging from pre-primary to doctoral level and in various Professional areas.

The college is affiliated to the University of Mumbai and is included in the 2(f) and 12(B) sections of UGC Act 1956. It offers a wide range of Undergraduate and Postgraduate programmes in Arts, Science, Commerce and Management besides several short term add on courses in response to the diverse requirements of students in a world driven by technology.

The plethora of awards, accolades and recognition conferred on the college over the years testify our earnest venture to continually reassess the standards and evolve further as an institution in response to the changing demands of higher education.

### **Vision**

#### **Vision:**

To become an autonomous institution which will be a trend setter in higher education having strong national and international linkages.

### **Mission**

#### **Mission:**

The College aims at inclusive education with emphasis on holistic development of the students by providing quality education and preparing them to contribute to social development.

## **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

### **Institutional Strength**

Strengths:

- Very supportive and progressive Management team of the College which ensures continual upgradation and time bound actions
- Proactive role of IQAC in quality sustenance and enhancement
- Committed, motivated & responsible faculty towards their duties
- Disciplined staff & students.

### **Institutional Weakness**

Weakness:

- Limited financial resources and inadequate mobilization of resources from external agencies
- Experienced and senior faculty retiring in succession
- Limitations of infrastructure.
- Limited college industry network.

### **Institutional Opportunity**

Opportunities:

- The college has applied for autonomous status which will provide host of opportunities to enhance academic and administrative processes

- New recruits bringing in new ideas and systems.
- To undertake major Research Activities and have patents

## **Institutional Challenge**

Threats/Challenges:

- Competition from well established and older autonomous institutions
- Quality in implementation of all aspects of New Education Policy within the given timeframe

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

#### **CRITERIA I – CURRICULAR ASPECTS**

The institution offers conventional Undergraduate programmes in Arts, Science and Commerce with a wide range of courses, as well as semi-professional self financed programmes; three in Commerce and two in Science. Postgraduate programmes are offered in Commerce, Physics and Chemistry; and Ph. D. programme in Botany, Physics and Commerce. Conscious efforts are taken to introduce new courses based on the feedback from students/parents or demand of a particular course. Curriculum is prescribed by the University of Mumbai for all these programmes. However, some of our faculty members contribute to curriculum development as members of the Board of Studies/ Syllabus Restructuring Committee of University of Mumbai and Autonomous Colleges. Towards enriching students' learning experience, the institution also offers skill development programmes through Certificate Courses approved by the University of Mumbai. The College also has collaboration with Technoserve which aims at skill development, enabling students to acquire skills and competencies that would enhance their employability. Post the third cycle of NAAC, the College has introduced 2 Doctoral programs.

During the pandemic which witnessed paradigm shift in education system, our College made an effort to use its academic resources and expertise of its faculties to help fellow teachers to acquire skills for effective online teaching-learning process by conducting National Level Faculty Development Programme(FDP) on 'Effective Use of Learning Management System (LMS) Google Classroom & Moodle for ICT Enabled Teaching-Learning Process'.

Programmes of YCMOU (MBA, B. Com., B. A.& PEP) are offered in distance mode of education. The Preparatory Programme of YCMOU gives an opportunity to students who are out of the conventional school system to enter the degree programmes of YCMOU.

Teaching plans are meticulously prepared and implemented by faculty members. Effective implementation of the curriculum is ensured by conducting workshops on revised syllabus and by deputing teachers to attend workshops on revised curriculum. Institution provides Audiovisual aids, Smart Boards, well equipped Laboratories, Library Resources and Computers with internet to staff for effective teaching.

## **Teaching-learning and Evaluation**

### **CRITERION II- TEACHING- LEARNING AND EVALUATION**

The effective Teaching-learning process is the strength of the College which is well planned and executed. The admission to various programmes is processed by the Admission Committee abiding by the rules and guidelines laid down by the University of Mumbai and Government. Utmost transparency is maintained in declaring the merit list .

The College has students from diverse socio-economic, cultural and academic backgrounds. Teaching methods used are in line with differential learning abilities. Classroom teaching is supplemented with modern technology. The changing teaching-learning scenario led the college to introduce innovative modules under Remodelling Project towards student centric learning methods and revision centric methods. Advanced learners are engaged as Teaching Assistants and Academic Volunteers who assist the teachers in creating academic resources, be a part of peer teaching and assist slow learners.

Enrichment activities like seminars/workshops, guest lectures, group discussions, assignments, projects and presentations are organized to equip students to face global challenges. Field visits and industrial tours are organized for experiential learning.

Students' progress is continuously monitored .Remedial teaching is provided to slow learners . On campus Counsellor is available for needy students. This has led to improvement in attainment of learning outcomes and very low dropout rate.

Advanced learners are encouraged, guided and groomed to excel in various curricular and co-curricular activities .

Quality of the teaching learning process is ensured through lesson plans, log books, lesson observations and feedback from students. Feedback from moderators also help in this direction. Along with effective delivery of curriculum, the College endeavors to develop skills in students through skill based courses and various enrichment activities. The College makes continuous efforts to upgrade the faculty as educators by encouraging them to participate in workshops, conferences and research activities either in the College or outside. The continual training for staff, students and parents, which is one of the Best Practices of the College, is contributing significantly in enhancing learning outcomes.

The use of ICT tools to enhance the quality of teaching-learning supplemented with students' enrichment activities contribute to holistic development of students and thus prepare them for global challenges.

## **Research, Innovations and Extension**

### CRITERIA III - RESEARCH, INNOVATIONS AND EXTENSION

The Research Committee is actively contributing towards promoting research culture amongst staff and students thereby enhancing the research environment/ activities in the College. Research activities are encouraged by providing adequate infrastructure, laboratory facilities, library facilities, ICT tools and flexible working hours/timings.

Since its last accreditation the college has made significant progress in terms of its research activities. In the last five years, the number of research projects, faculty pursuing/having completed Ph.D and research papers published in journals and conference proceedings have seen a substantial increase. Research Centres have been set up in Botany, Physics and Commerce approved and recognized by University of Mumbai. Currently 7 students are pursuing Ph.D under three research guides. Post last accreditation cycle, marked enhancement is witnessed in students' research at undergraduate level. Grants received from various sources have enabled us to provide required facilities for students to take up research projects and publish papers. Opportunities are provided for students to present their work through poster or oral presentations. Students' Start Up Fest and NES-SVB Science & Technology fest which are the annual features of the college give an opportunity to students to showcase their innovative products to the experts and pave a way for setting up their own enterprise.

The College library has a good number of books, journals, INFLIBNET package, digital section, reprographic facility and free internet facility for staff and students. The college also hosts International/ National level Conferences regularly. The institution encourages faculty members to utilize their expertise in providing consultancy services. Extension activities are promoted by the institution through the dynamic and popular NSS and LLE units. The activities carried out by these units not only inculcate value systems among students but also contribute to national development. The efforts and activities of these units have been well appreciated by University of Mumbai and other stakeholders.

### **Infrastructure and Learning Resources**

#### CRITERIA IV - INFRASTRUCTURE AND LEARNING RESOURCES

The institution ensures continual improvement in the infrastructural facilities despite constraints in expansion.

The College has adequate lecture rooms, air-conditioned auditorium with a seating capacity of 600, well equipped audio-visual room, an air-conditioned staff room, office and examination room, a well stocked library, a garden having a section of medicinal plants, a botanical shade house, playground, gymnasium, separate boys' and girls' common rooms, a canteen and a Nestle snacks corner.

To ensure safety and security, College has placed fire extinguishers at all strategic locations, Fire alarm system, Fire hydrant system, collapsible gates at various locations and CCTV at all strategic places.

Towards health and hygiene, water coolers fitted with water purifiers, first aid boxes at various locations, ramps and railing for the physically challenged and clean washrooms. The college has a sanitary napkin vending machine installed for girl students.

Annual Maintenance Contracts are in place. The building is insured against natural calamities, fire and theft.

College has a Technology Centre for monitoring the upgradation of IT infrastructure which

includes computers, internet connection , LAN facility, LCD, Smart Boards , mikes and other academic resources. A Generator and Inverter ensure uninterrupted electricity supply in the campus . College also acquired G-suite, which enabled it to provide secured email IDs to all staff and students which was specially beneficial for online mode of teaching. An on campus IT Engineer takes care of day to day technical requirements.

The campus is wifi-enabled with speed of 100 Mbps. It is aiming towards paperless administration through requisite softwares. Training was provided to teaching staff for use of Moodle and other Learning Management Systems to enable them to develop e-contents and host online courses.

College ensures well maintained infrastructure by regularly taking up the repairs and maintenance work. Inhouse support staff like plumber, electrician and gardener ensure that aesthetics of the college premises is maintained for providing a conducive learning environment.

The institution's endeavors towards continuous upgradation of infrastructure and technology resonates with the core value of promoting the use of technology and quest for excellence.

## **Student Support and Progression**

### **CRITERIA V - STUDENT SUPPORT AND PROGRESSION**

At Ratnam College, learning is a way of life. The College strives hard towards holistic development of students by providing a conducive and enriching learning environment with appropriate amenities .Financial assistance is provided to economically backward students through merit cum means scholarships. A special cell constituted guides/assists the reserved category students to avail the benefits under GOI freeship/ scholarship schemes. The Book Bank scheme provides text books to needy students. For differently abled students , facilities like special washrooms, ramps and railing at the side of the staircase are provided. Statutory Committees like Grievance Redressal, Anti-Ragging , Internal Complaints and Women's Development Cell address issues related to students' well being. The on campus Counselor is also available to attend to the personal, academic and psychological problems. The college has signed an MOU with the nearby Central Hospital and also has an on-call doctor facility. The NSS and LLE Units of the College take up activities beneficial for the student's holistic development and also for the neighboring community.

Workshops and training programmes are organized for the students preparing for various competitive examinations .Seminars, workshops and interactive sessions with eminent academicians/ industry experts are also organized . Soft Skill and Life Skill Development Programmes are organized for holistic development of students. The College also has a very active Placement Cell which also arranges for pre-placement training programmes.

Departmental Clubs/ Associations conduct enrichment activities . Inter-collegiate events like MANTRA, MANZIL, ZERO GRAVITY, SCI-TREK, TALENTUEUX have become annual features . These competitions facilitate students to interact with their peers from other colleges ,upskill themselves and expand their capabilities. The Class Day Celebrations including the periodic Prize Distribution Function not only motivate students but also develop co-ordinating, organizing and leadership skills amongst students. College appoints coaches for various sports and games. The numerous student support and enrichment activities of the College have ensured consistently excellent results at the University Examinations and also holistic development of students. The College also has a very proactive Alumni Association, ready to remain connected with the college

in various capacities and render necessary assistance.

## **Governance, Leadership and Management**

### **CRITERIA VI GOVERNANCE, LEADERSHIP AND MANAGEMENT**

Both the vision and mission of our institution are in tandem with the objectives of the Higher Education Institutions. The College is committed to inclusive education by facilitating learning and holistic development of students. It aims to be a learning organization that uses measuring and monitoring mechanisms to continually enhance the effectiveness of its processes, and thereby to differentiate itself as an institution of repute. The Leadership is committed to achieving the vision and mission by providing the necessary support and also being proactive in initiating the needed systems and procedures. The College has a duly constituted IQAC and internal committees like Modern Teaching Methods' Committee (MTMC) and College Development Cell (CDC) which enable the Management/ Head of the institution to get adequate information in order to review the activities of the College, make necessary modifications as needed and provide necessary assistance for upgradation and academic excellence. The Management follows a participative leadership style giving sufficient freedom to the Principal and other officials in operational areas.

Management is also committed towards community development through its CSR initiatives. It has a School for the underprivileged children at Dharavi, a School for Hearing Impaired at Bhandup and manages a school in Parel for the Municipal Corporation of Greater Mumbai.

There is a perspective plan prepared by the IQAC which provides guidelines for annual planning. The NAAC Peer Team recommendations also are incorporated/addressed while preparing the Perspective Plan/Annual Plan.

The College has a very effective mechanism to monitor the use of financial resources which is based on the annual budget, and is audited both by internal and external auditors. Human resource management is also efficiently done resulting in a dedicated work-force, with lesser attrition rate, which is ready to help the College to achieve its objectives.

The College seriously believes in carrying out its Institutional Social Responsibility with commitment. It has brought about social changes through its institutional processes and has also brought about considerable changes in the economic conditions of the families to which our students belong and progressive cultural changes in the neighborhood community.

## **Institutional Values and Best Practices**

### **CRITERIA VII - INSTITUTIONAL VALUES AND BEST PRACTICES**

Keeping the Mission, Objectives and the students' background in mind, the college seeks to introduce transformation in various processes. The norms of disciplinary practices have helped the college to achieve appreciable success levels in academic performance of the students. Right from the inception, college has also strived to introduce value added programmes for students to make them conscientious citizens who would judiciously and honestly contribute towards development of their neighbourhood, society and nation at large. Life Skill Training programmes and the Soft Skill Training Programmes are one of the best practices adopted



which aims at providing holistic development so that students not only upscale their employability skills but also their entrepreneurial skill and be job providers and contribute towards national development.

Days of National & International importance are celebrated with great zeal and fervor and students participate in such activities in large numbers.

College also feels its responsibility towards the concerns of Global Warming & Climate Change being addressed universally. It is the need of the hour to contribute towards this global cause. All stakeholders, especially students, are being sensitized towards Environment Consciousness. It has been adopted as one of the Best Practices of our institution to take up initiatives, however small, and contribute towards the Green Environment. The college lays immense stress on Clean and Green environment, hence maintains a healthy flora and fauna within the available space which includes some medicinal plants. A number of other green initiatives have also been adopted by the college through Nature Club and the NSS Unit like solid waste management, e-waste management, promoting lesser use of plastic, recycling of Multi Layered Plastics (MLP), installation of LED lights and Solar Panels.

Ratnam College is committed towards holistic development of students through inclusive practices by providing an appropriate teaching-learning environment using progressively upgraded infrastructural facilities and digital technologies thereby leading to quality enhancement. Ratnam College as a team collectively strives to contribute towards National Development, constantly trying to excel by pushing aside the limitations thus making our students academically sound, holistically groomed and socially responsible.

## 2. PROFILE

### 2.1 BASIC INFORMATION

Name and Address of the College	
Name	NES RATNAM COLLEGE OF ARTS, SCIENCE AND COMMERCE
Address	National High School Marg Bhandup West
City	MUMBAI
State	Maharashtra
Pin	400078
Website	<a href="http://www.ratnamcollege.edu.in">www.ratnamcollege.edu.in</a>

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal(in-charge)	Vinita Dhulia	022-25951381	9833871331	-	principal@ratnamcollege.edu.in
IQAC / CIQA coordinator	Sanjay Deshpande	022-21732548	9987568537	-	sanjay.deshpande@ratnamcollege.edu.in

Status of the Institution	
Institution Status	Grant-in-aid and Constituent

Type of Institution	
By Gender	Co-education
By Shift	Regular

<b>Recognized Minority institution</b>	
If it is a recognized minority institution	Yes <a href="#">Minority Status granted by University.pdf</a>
If Yes, Specify minority status	
Religious	
Linguistic	Linguistic
Any Other	

<b>Establishment Details</b>				
<b>State</b>	<b>University name</b>	<b>Document</b>		
Maharashtra	University of Mumbai	<a href="#">View Document</a>		
<b>Details of UGC recognition</b>				
<b>Under Section</b>	<b>Date</b>	<b>View Document</b>		
2f of UGC	28-12-1995	<a href="#">View Document</a>		
12B of UGC	16-05-2007	<a href="#">View Document</a>		
<b>Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)</b>				
<b>Statutory Regulatory Authority</b>	<b>Recognition/Approval details Institution/Department programme</b>	<b>Day,Month and year(dd-mm-yyyy)</b>	<b>Validity in months</b>	<b>Remarks</b>
No contents				

<b>Recognitions</b>	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	National High School Marg Bhandup West	Urban	0.803	864

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BA,Economics	36	H.S.C	English	360	267
UG	BSc,Chemistry	36	H.S.C	English	360	215
UG	BCom,Commerce	36	H.S.C	English	720	552
UG	BMS,Management Studies	36	H.S.C	English	216	196
UG	BCom,Banking And Insurance	36	H.S.C	English	204	124
UG	BCom,Accounts And Finance	36	H.S.C	English	216	187
UG	BSc,Computer Science	36	H.S.C	English	180	86
UG	BSc,Information Technology	36	H.S.C	English	180	112
PG	MSc,Physics	24	B.Sc	English	20	12
PG	MSc,Chemistry	24	B.Sc	English	40	40
PG	MCom,Accounts And	24	B.Com	English	120	85

	Finance					
Doctoral (Ph.D)	PhD or DPhil,Physics	0	M.Sc	English	5	2
Doctoral (Ph.D)	PhD or DPhil,Botany	0	M.Sc	English	5	3
Doctoral (Ph.D)	PhD or DPhil,Commerce	0	M.Com	English	10	0

**Position Details of Faculty & Staff in the College**

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	1				11				24			
Recruited	0	1	0	1	1	10	0	11	5	14	0	19
Yet to Recruit	0				0				5			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				19			
Recruited	0	0	0	0	0	0	0	0	7	12	0	19
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				32
Recruited	14	12	0	26
Yet to Recruit				6
Sanctioned by the Management/Society or Other Authorized Bodies				10
Recruited	4	6	0	10
Yet to Recruit				0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				3
Recruited	3	0	0	3
Yet to Recruit				0

### **Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	1	0	0	8	0	2	4	0	15
M.Phil.	0	0	0	0	2	0	0	3	0	5
PG	0	0	0	1	0	0	3	7	0	11
UG	0	0	0	0	0	0	0	0	0	0

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	7	12	0	19
UG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>				
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
		1	4	0

**Provide the Following Details of Students Enrolled in the College During the Current Academic Year**



Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	667	6	0	0	673
	Female	1056	9	1	0	1066
	Others	0	0	0	0	0
PG	Male	49	0	0	0	49
	Female	88	0	0	0	88
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	2	0	0	0	2
	Female	3	0	0	0	3
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

<b>Provide the Following Details of Students admitted to the College During the last four Academic Years</b>					
<b>Category</b>		<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>
SC	Male	21	39	24	22
	Female	18	56	49	32
	Others	0	0	0	0
ST	Male	4	2	1	2
	Female	1	3	1	0
	Others	0	0	0	0
OBC	Male	69	61	43	34
	Female	73	72	54	29
	Others	0	0	0	0
General	Male	697	736	738	792
	Female	1160	1094	1252	1089
	Others	0	0	0	0
Others	Male	16	15	9	4
	Female	20	18	12	18
	Others	0	0	0	0
<b>Total</b>		<b>2079</b>	<b>2096</b>	<b>2183</b>	<b>2022</b>

### **Institutional preparedness for NEP**

1. Multidisciplinary/interdisciplinary:	<p>The Mission of NES Ratnam College is aligned with the Vision of National Education Policy which is to provide high quality education to develop human resources in our nation as global citizens. Towards this Various courses conducted in the college are interdisciplinary like the compulsory Skill Enhancement Course Foundation Course in first and second year of Arts, Science and Commerce includes modules from varied disciplines. Applied Component papers, Certificate courses, Bridge Course like Diet and Nutrition, Travel and Tourism, Quantitative Techniques, Entrepreneurship Development, Environmental Science integrated in the curriculum are also interdisciplinary and multidisciplinary. As a</p>
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	<p>precursor for implementation of NEP, the faculty members have initiated open discussions on strategically planning a flexible multidisciplinary curriculum based on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking and creativity. The International E-Conference which was held in July 2022 on 'Ideas, Achievements and Resolve' to was a Multidisciplinary conference catered to members from all faculties thereby maintaining the rigor of research and learning. Faculty members plan to integrate different departments in addition to the existing inter/multidisciplinary research and academics. Academic programmes will be redesigned to include Multidisciplinary/Interdisciplinary courses as electives. All programmes will be designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments. Thus Ratnam College is proactively working towards implementation of the suggestions given in the NEP.</p>
2. Academic bank of credits (ABC):	<p>As per National Education Policy mandate, this year the College has ensured integration of Ratnam Student data with the National Academic Bank of Credits (ABC) portal. The ABC portal has now been integrated into the 'nad.digitallocker.gov.in' platform and is currently live for the academic year 2022-2023. With our college soon to be Autonomous and our official registration under ABC, Ratnam students will soon avail the benefits of multiple entries and exit in the chosen programme. The college has a one stop reserve of all student data right from the process of admission, enrollment till graduation thereby making student data mining easy and accessible.</p>
3. Skill development:	<p>The mission of 'Skill India' Initiative under the National Policy for Skill Development and Entrepreneurship 2015 is achieved through offering of Entrepreneurship Development as a elective credit paper for Second year students. Startup Fest is conducted every year giving platform to students for exhibiting the entrepreneurial propensities of students and exposing their ideas and products to a wider and illustrious audience on India's Financial Capital Mumbai. The MOU with Technoserve aims at</p>

	<p>developing employment related skills for guaranteed job placement. The College also conducts Life Skill programs through '9 table training' covering various aspects of significant life skills like and faculties are constituted for the conduct of the same. The program comprises like Time Management, Decision making, Coping with stress, Empathy, Creative Thinking, Accepting Criticism, Small Act of Kindness and Leadership, In addition the college offers certificate courses like Conversational English, Tourism and Travel Management, Microprocessor and Micro Controllers, Instrumental Analytical Techniques, Nutrition and Dietetics, Stock Market Operations, Retail Management for subject specific skill development The focus is towards integrated knowledge acquisition and upgrading human skill towards creating a new league of employable youth. The Teaching Learning process and paedogogy of courses are planned to integrate with the Government of India's National Skills Qualification Framework (NSQF) thus marching towards the implementation of NEP.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>Our college supports learning of Hindi and Marathi language. Hindi and Marathi are offered in the First year in Bachelor of Arts. Hindi is a compulsory paper for them. Students are also offered Graduation in 3 units of Marathi Literature. Classroom teaching is done trilingual (English, Hindi and Marathi) Question papers are set in English and Marathi for students' ease and comfort. This is done especially for students who have a vernacular background and from other parts of the state. Further papers like Indian Management ,Thought and Practice, integrate the indigenous Indian Knowledge system with the theories and concepts in the field of Management. The Maths Department trains its students for the Madhava Mathematics competition . Cultural Forum hosts cultural events involving themes related to Folk lore and thus encouraging performances in regional languages of India. The college also celebrates various Indian festivals bringing in secularity amongst students from diverse cultural background .The college has consistently won various prizes and awards at University and State Level Street Play competitions and even Powada which is a dramatic art narration of poetry and prosaic extracts.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>Ratnam College offers 8 Undergraduate courses, 3</p>

	<p>Postgraduate courses, 3 Ph.D programmes, and various skill development programmes. All these programmes have clearly outlined Programs, program specific and Course related outcomes which are designed and updated timely keeping in mind the regional and global requirements. All courses are designed on the basis of Bloom's Taxonomy centered on cognitive abilities namely Remembering, Understanding, Applying, Analysing, Evaluating and Creating. Along with the domain-specific skills, learning outcomes at all levels also ensure social responsiveness and ethics, as well as entrepreneurial skills so that students contribute proactively to economic, environmental and social well-being of the nation. The Outcomes are aligned with major reforms of National Mission on Foundational Literacy, also by Integrating curricular and extra curricular components of education through Subject Fest which combines academics with sports. Reducing College dropouts by provisioning of infrastructure support, innovative and updated teaching learning process like 9 Table Training Programme, Student Adoption Policy Following formative and summative Assessment to enable students to scaffold their learning in a meaningful manner. Bringing Inclusiveness by providing a supporting environment to socially and economically disadvantaged groups, all genders and even specially abled students. In 2019 the Annual Cultural Festival Mantra was conducted with the Theme- Samavesh thereby focusing on Inclusiveness</p>
6. Distance education/online education:	<p>With the recent Covid -19 pandemic situation, Ratnam College has increasingly been involved in using the digital platforms for engaging classes, conducting seminars, conferences and meetings. Online teaching learning process has broken the geographical barriers creating interaction of experts and students from distant geographies and also making it an enriching experience for both students and teachers. College conducted a Faculty Development Programme on Learning Management System, Google Classroom and Moodle and various trainings ensuring smooth blending of online and offline. Post pandemic, college is now ready and adopting a hybrid mode of education combining online and offline resources for teaching learning. Certificate courses, Bridge courses, official meetings</p>

and many more are conducted online. The college library and individual departments also maintain the E-resources section. All teaching staff members are members of the National Library and Information Services Infrastructure of Scholarly Content. This N-LIST programme provides access to full text e-journals from publishers' websites. Students also have provision of e-books and e-journals, NDL subscription and e-notes from E-PG Pathashala. This new normal is apt and envisaged in the New Education Policy. Faculties are using a wide plethora of online resources with zero constraints with 100% benefits to our sole beneficiary, our students.

### Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>A formal Electoral Club is not set up, The Political Science Department and the NSS Units have a series of activities to sensitize students towards their Voting Rights and also their duties as conscientious citizens to exercise their right to vote and thus contribute towards good Governance and development of the nation.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>Head of the Political Science Department and NSS Program Officers along with the representatives of Students' Council organise activities related to duties and responsibilities of the youth who are the future leaders.</p>
<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>Though the institution has not set up any formal Electoral Literacy Club, but through various programmes and activities conducted by the Political Science Association of the college in the area of creating Voting Rights Awareness Campaign, electoral literacy have been a routine exdercise. Participation of students in competitions where they display electoral roles ,internships with the Praja Foundation, Film Festival on citizenship awareness, Projects on election related concepts and Debate Club arguments are different types of activities carried out every year. The subjects such as Political Science and Foundation Course have the component of electoral rights of citizens and students also celebrate the Voting Rights Awareness Day every year on the 25th of January. The NSS Unit of the college has also</p>

	<p>been a part of the Voting Rights Awareness Campaign in the area adopted by them and through socially relevant projects have delved deep into the needs to be fulfilled for the community and also upgraded their knowledge about the government led programmes and policies. During the local election, Rally was organised in the year 2019. Bhandup Collector Mr Valvi visited the college to create awareness on elections in the same year. Study tours to the Vidhan Sabha, Panchayats and Municipal Corporation further encourage the students to lead activities based on constitutional rights of the citizens. The Staff of the college, both the Teaching and the Non-teaching have been working under different capacities towards the conduct of elections as and when appointed by the Regional Election Commission.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>Voting Rights Awareness Day is observed on the 25th of January every year. Our students have interned at Praja Foundation, an NGO which guides students as regards their electoral roles. Film Festival on Citizenship Awareness, Projects on election related concepts are organised every year.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>About 25% of the students primarily from First Year classes who are either below or have recently turned the voting age are yet to register. However, the College endeavours to organise awareness camps or share information to ease the process of getting the students registered.</p>

## Extended Profile

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### 1 Students

#### 1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2079	2096	2183	2022	2010

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 2 Teachers

#### 2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 57

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
56	57	57	56	55

### 3 Institution

#### 3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
52.4235	22.49547	34.6548	42.8564	49.1246





## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

###### Response:

The institution has a mechanism for well-planned curriculum delivery and documentation. Teachers give Semester wise Plans for implementation of curriculum wherein lectures allotted, teaching methods and revision methods are also incorporated. Record of everyday teaching details are kept in the Logbook. Teachers confirm the completion of syllabus and extent of the revision taken through syllabus completion form submitted at the end of each semester. Lesson plans, Subject Handbook, log books and Syllabus Completion Reports are regularly checked by the Principal, IQAC. Lesson observations are done to monitor the curriculum delivery of the staff. Teachers are deputed to attend workshops organized by the Board of Studies (University of Mumbai) on revised curriculum. This helps them to get acquainted with the revised curriculum and to get some resource material and guidelines for the effective implementation of the curriculum. College also organizes workshops on revised syllabus as and when revised by the University of Mumbai. Regular curriculum is supplemented by organizing Study tours. Field trips and Guest Lectures to consolidate conceptual learning. Students are provided with remedial teaching and mentoring is done to bring about academic excellence.

The use of ICT for teaching and learning has increased in manifolds after the pandemic. The tools for teaching and learning used cover everything from digital infrastructures such as printers, computers, laptops, tablets, etc., to software tools such as Google Meet, Google Spreadsheets, project based learning tools like- Trello, Online Coding Websites such as DataCamp, Coderbyte, Tutorialspoint.

Modern Teaching method councils are established classwise for new ideas to be implemented in the class. A list of Academic resources, e- resources is put in the Learning Management of the college.

The college ensures continuous internal assessment through periodical tests, tests conducted during- Weekly Revision Programmes, Month End Workshops and Term End Seminars . Preliminary examinations are conducted for Semester V and VI. All self financing courses, some of the science and Arts courses have internal assessment in the form of test/assignments/ projects.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

## 1.2 Academic Flexibility

### 1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

**Response:** 19

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

**Response:** 17.75

#### 1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
221	263	389	288	683

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.3 Curriculum Enrichment

### 1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

**Response:**

The Department of Political Science covers many aspects of human values, gender and sustainability in its various curriculum modules. The human values of peace, integrity are reinforced through the paper 4 and paper 7 of the syllabus with topics such as Changing Idea of Security: National Security and Human Security and understanding war from the perspective of its futility is covered with the help of cinemas that depict the same. Further the department also has an annual competition of film making named TRINETRA basically conceived by students, where eminent film makers judge the films directed and made by students. Many Satyajit Ray films have been reviewed during the fest. Modern political thinkers like Will Kymlicka are covered in semester 5 , paper 5 .He insists that group-specific rights are consistent with liberalism and are particularly appropriate, if not outright demanded, in certain situations. He defines three such group-specific rights: special group representation rights, self-government rights, and polyethnic rights. New

themes like these help the students explore peace and sustainability and also provide glimpses of contemporary thought. At the Sem 6 level of the same paper where Indian thinkers are covered, Tagore's doctrine of universal humanity was to spread spiritual values among people and create a new world culture out of multi-culturalism, diversity, and tolerance. He believed that the western concept of nation-state was coterminous with mechanical organisation of people in pursuit of material enhancement and hence aggressive and imperialist in character. The problem of the present age was whether different groups of people would go on fighting with one another or find true basis of reconciliation. Critical of the use of force he wanted man to discover his soul in the spiritual. Botany- environment, BMS/ BBI-professional ethics The Department of Botany and Zoology also teaches as a part of syllabus the *study of morphology, anatomy, physiology, biochemistry, genetics and their role in maintaining the ecosystems* and maintain environmental balance. The movie club Muse provides a unique opportunity for the students to explore the world of cinema from a global perspective. Screening of Indian and International movies on the topics of Gender inequality and Human values is done in the campus under the initiative of this club.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

**Response:** 49.06

#### 1.3.2.1 Number of students undertaking project work/field work / internships

Response: 1020

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 1.4 Feedback System

**1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)**

**Response:** Yes

File Description	Document
Upload supporting document	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### 2.1.1 Enrolment percentage

**Response:** 75.34

##### 2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
716	720	752	701	697

##### 2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
968	986	986	934	886

#### File Description

#### Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

#### 2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (Exclusive of supernumerary seats)

**Response:** 100

##### 2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
223	267	197	140	191

##### 2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
223	267	197	140	191

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 2.2 Student Teacher Ratio

### 2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

**Response:** 37.13

## 2.3 Teaching- Learning Process

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

**Response:**

Departments conduct innovative programs and focus on student centric methods which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. Faculty members make efforts in making the learning activity more interactive by technology enhanced, team based learning which are

#### 1. Participative learning

- Seminars/workshops are organized to encourage and motivate students to become participative learners
- Learning through games, mind map
- Many student centric activities, intercollegiate and intracollegiate competitions are organized to inculcate leadership qualities in the students and the spirit of teamwork amongst the students.
- Students are encouraged to actively participate in publishing of Departments Newsletters and Magazines to nurture creativity and other skills.
- Debates are followed in many of the subjects where students are required to come with different opinions.

- Modern Teaching Method Council (MTMC) of every class comprising of Academic volunteers, Teaching assistants help the slow learners for better understanding and promotes participative learning in their daily teaching and learning

ii) Experiential Learning : It is an integral part of teaching and learning. The methods followed are

- Laboratory sessions are as part of the curriculum and do experimental projects and publish their findings
- Virtual laboratory visit organized by all the Science departments as the mode of teaching during Pandemic for Practical session.
- Study trips, visits to stock exchange, museums, Archaeological site are organized to relate the knowledge acquired
- Independent research activities are undertaken by students and present in Research Convention
- Entrepreneurship Cell provides a platform for innovative thinkers to take forward their entrepreneurial ideas.
- Guest lectures by subject experts and topics relevant to employment skills is a part of StartUp Fest which is a Annual Festival
- Students are encouraged to participate in project/seminar /paper presentations.

iii) Problem solving methodologies adopted are

- Home labs set up by students presented during CUBE
- Assignments and quiz
- Case Study
- Internship

File Description	Document
Provide Link for Additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

**Response:** 99.65**2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:**

2021-22	2020-21	2019-20	2018-19	2017-18
57	57	57	56	55

File Description	Document
Upload supporting document	<a href="#">View Document</a>

**2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)****Response:** 1.78**2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
01	01	01	01	01

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**2.5 Evaluation Process and Reforms****2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient****Response:**

The Internal and External assessment are conducted as per the guidelines of Board of studies, University of Mumbai. External assessment for UG (Semester 5 & Semester 6) except for applied component and all Semesters (Semester 1 to Semester 4) for PG courses are conducted by University of Mumbai. The conduct of Internal and External examinations is well planned in the beginning of the academic year and is published in the annual plan. The students and parents are oriented about the examination system during the orientation program. Students are informed via circulars and notices are displayed in the notice boards



atleast 15 days prior to the date of examination. The paper pattern and weightage of Modules/Units are informed to the students by the subject teachers. Additional exam facilities are permitted to students as per University norms(Medical grounds/Participation in national or international competitions/ death of near and dear ones in the family.Revaluation facilitates the students to challenge the assessment and reevaluation is done by senior external faculty in the subject. Revaluation results are published within a week. Moderation system facilitates unbiased evaluation, question paper setting. Feedback is taken from the moderators and it is informed to the respective subject teachers for taking corrective measures.The Moderation Committee at the college level looks into any discrepancies in Internal Assessment marks and external Assessment marks and takes requisite steps to ensure transparency and objectivity.

The Internal Assessment for self finance courses and foundation course for aided courses forms a part of a continuous evaluation system conducted through Class Tests, Tutorials, Assignments, Projects,group discussions, and Presentations. which is carried out in a systematic manner.Teachers are given free hand to design their own evaluation methods

Students are informed in advance that independent, original thinking and new ideas will be considered for evaluation.Also, in subjects where there is no internal assessment component Assignments ,tests and presentations are regularly conducted.Weekly,Monthly and Term end revision programs are designed so that the students are prepared for final examination benefitting manner. Preliminary examinations are also conducted for final year students, the same as a model University Paper. Remedial classes are also offered in various subjects to provide additional help for slow learners who are identified by the Subject teachers.Curriculum of some courses allow skill enhancement through Practical Sessions and continuous evaluation is done through testing of skills developed. Disciplines such as Commerce, Computer Applications, Economics and Mathematics have Practical Components as part of their Curriculum which focus on problem solving skills using ICT techniques and Software.The institution has a well-defined system in place to deal with examination related grievances.The faculty addresses the rightful grievances of the students pertaining to the marks obtained in the internal assessment.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated**

### Response:

The course outcomes and their mapping with program outcomes and program specific outcomes are elaborately discussed and derived by the members of individual departmentsThe Institution regularly evaluates the performance of students through various methods for measuring the attainment of each of the Program Outcomes, Program Specific Outcomes and Course Outcomes.

**Evaluation Process:** The programme outcomes and Programme Specific outcomes are assessed with the help of course outcomes of the relevant programme through direct evaluation process. It is provided

through University Examinations, Week end workshop, Month end workshop and Term end workshop which has been instituted as a revision method by the in order to enhance the academic performance of all the students. . Throughout the year the class teacher incharges records the performance of the student. Remedial coaching is also provided to slow learners to make pace with the desired progression.

Students enrolled for Certificate Courses offered by the institution are evaluated by the institution itself. At the same time, observations of student knowledge and skills against measurable course outcomes are evaluated throughout the year.

**The Methods of measuring attainment:**

**1.End Semester University Examination:** As per the Mumbai University examinations examination system all the programmes have semester exams all the years through which the institution measures programme outcomes based on the course attainment level fixed by the programme. It is a direct evaluation process.

**2.Internal Assessment:** Internal assignments are given to the students which are mostly aligned with Programme Outcomes of the respective subject.

**3. External Assessment** is evaluated by external experts for the Practical examinations, appointed by the University

**4.Institutional Examination and Tests:** Students are assessed and evaluated throughout the year at institutional level through weekly test, month end revision test, preliminary examination and the performance of the student is analyzed

**5.Internships:** Students are encouraged to take up internships, projects, fieldwork, etc. This helps them to obtain necessary skills and practical experience in their chosen discipline.

**6.Placements:** One of the most important Programme Outcomes of Undergraduate Degree is the employability of students upon successful completion of their degree programme.

**7.Higher Studies:** Another parameter to measure attainment of POs, PSOs and COs is through progression of students towards higher studies in educational institutions in India such as IITs and for post-graduation in Indian Universities.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**2.6.2 Pass percentage of Students during last five years**

**Response:** 96.58

**2.6.2.1 Number of final year students who passed the university examination year wise during the**

**last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
734	690	716	556	523

**2.6.2.2 Number of final year students who appeared for the university examination year-wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
754	693	745	591	550

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**2.7 Student Satisfaction Survey****2.7.1 Online student satisfaction survey regarding teaching learning process****Response:** 3.54

<b>File Description</b>	<b>Document</b>
Upload database of all students on roll	<a href="#">View Document</a>

## Criterion 3 - Research, Innovations and Extension

### 3.1 Resource Mobilization for Research

**3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)**

**Response:** 21.24

**3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
1.68	2.76	4.63	4.17	8

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.2 Innovation Ecosystem

**3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**

**Response:**

Our institution has made sincere efforts during the last five years to make quality education available in all domains of knowledge for all kinds of learners including socially and economically disadvantaged students and a conducive environment for research and awareness driven innovations. In order to develop scientific temper and research culture and aptitude among students, the College promotes participation of both the postgraduate (PG) and the undergraduate (UG) students in research activities through project-based learning. The Ratnam Entrepreneurship cell, fondly called the Ratnam E Cell, the team tries to nurture the entrepreneurial talent in students through Mentoring and provide all the required support to discover business ideas. The Team continuously strives to impart knowledge and guidance on different aspects of business with special focus on setting up new ventures. Various seminars and workshops are conducted by eminent speakers from the IIT and the ministry for Mentoring and Brainstorming purposes. Special online talks by International TEDx speakers, visit to various summits happening around the city is a yearly feature. The E-Cell in association with the Ministry of Micro Small and Medium Enterprises, Mumbai annually conducts various workshops, industrial motivation campaigns, and visits to the MSME library along with the students. Ratnam E-Cell has continuously endeavoured to provide opportunities to students to develop required skills and hone their personality, The Team strives towards its vision to INSPIRE, to INNOVATE, to INCUBATE. The NES Start-up Fest is also a unique opportunity for Brands to reach out to the next generation of entrepreneurs who steer the course of India Inc. tomorrow, to reach out to nearly 2

lakh visitors, including college students and to connect to the most accomplished people of India Inc. who come there as Speakers/Guests/Fund managers/Mentors/Visitors. A way to reach millions through online and onsite promotions.

Under the DBT Star Status Scheme, all science departments arrange seminars/workshops/guest lectures in which the teachers and the students of other colleges are also involved to participate in the deliberations and discussions. Thus, the information regarding research spreads among other institutions and ultimately among the community at large through research abstracts, posters, reports and publications. In the brain storming session regular workshops, training programs and popular lectures by eminent scientists and speakers from different organisations interacted with students to discuss modern research trends and approaches to solve various interesting problems. The college has developed research collaborations with well-known research institutions like CUBE, IIT – B, ICT, DASS Labs Pvt. Ltd. Ahmedabad, A.P. Shah Institute Technology, Thane, etc. Students from the college are involved in collaborative research projects with these institutes. Students from various departments are encouraged to bring out newsletters and magazines to outlet their creativity in research and creative writing. To encourage the students research skill arts faculty of our college conducts an intercollegiate festival named Talenteuex where students are encouraged to present research papers and later the best papers are published in ‘Epinosis’ college bound journal.

### **3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years**

**Response:** 177

#### **3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
44	32	38	33	30

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### **3.3 Research Publications and Awards**

#### **3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years**

**Response:** 0.72

##### **3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the**

**last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
8	6	7	12	8

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years****Response:** 0.72**3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
03	04	07	18	9

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**3.4 Extension Activities****3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.****Response:**

The College conducts extension activities in the neighborhood to sensitize the students to social issues. The college makes plans for social activities according to the schedule assigned by the university and the needs of the society. Some of the social issues that the area faced and attended to by our extension units were – **Gender Justice, Drug Abuse, Dowry death, Female foeticides, Cleanliness**, etc. The Institution ensures the involvement of the community in its out-reach activities and contribute to the community development by organising various activities such as **anti-plastic drive, cleanliness drive, e-Waste Management, cancer awareness program, anti- aids rally, Andha Shraddha Nirmulan drive to name a few. In the**

**project Kanya Bachav Abhiyan**, NSS students performed street-plays to spread the message and create an awareness about 'Female Foeticide' and its impact on the society at various places like Tempa Pada, Village Road, Bhatti Pada Road, etc. Our extension unit has taken up extension activities under Swachchhata Abhiyan, Blood Donation Camps, Women empowerment activities, Environment awareness lectures, Yoga training activities, Disaster management, Tree Plantation, Cleanliness drives by performing Street play, Survey and by various modes to reach to the community and involving the younger generation to create a very responsible citizen. During Pandemic, Corona awareness was created by making posters containing slogans and posted in Facebook and Instagram so that the awareness drive reaches maximum people. Food distribution to needy people was carried out by our NSS Volunteers. Some volunteers prepared masks at their home and distributed them to needy people at different places in our adopted area. Involvement in extension activities developed community orientation, community leadership and this lays the foundation for generating social workers in future. This also led to creation of awareness and scientific rationale, hygiene/health and sustainable development. **MUSE** was started as a movie club in our college to sensitise students to social issues through screening of movies followed by brainstorming sessions, many times moderated by reputed social change makers. Today the Club has become an intellectual and thought-provoking club wherein youngsters not only deliberate on movies watched but also are actively involved in community outreach activities covering wide range of areas like sustainable menstruation (period of sharing), campaigns for easy travel in local trains (bag pakkad Jagah bana), environment preservation campaigns (cleaning juhu beach, yeoor clean up drive, rallies to raise voice to preserve the Aarey jungle etc. Women Development Cell (WDC) creates awareness among students and staff about social and legal rights and thus empowers them to stand against any discrimination. It conducts activities on gender equality, women rights and women empowerment. The experience gained through extension and outreach programs helped students make better decisions, adapt to change, improve their self-esteem and better prepare for their career, among other benefits. Such programs encouraged students to develop a lifelong ethics of service to society.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

### 3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

#### Response:

The inclusion of extension activities at undergraduate level is to arouse the social consciousness of the students by providing them opportunities to work with and among the people. To develop an awareness and knowledge of social realities to have concern for the well being of the community and engage in creative and constructive social action. Our college has 3 units of NSS and a unit of LLE. It aims at personality and character development of the students through voluntary community service. The Ministry of Youth Affairs and Sports (MoYAS) had instituted the NSS awards to recognize the contribution to Community Service during the academic year. For the same the college has to send the NOMINATION with a brief write-up highlighting the major achievements of the NSS PROGRAMME OFFICER and NSS VOLUNTEERS of the institution in accordance with the guidelines laid down in the scheme. **Our NSS Volunteer Mr. Shubo BERA has attended Chancellors Brigade training program at Shivaji University Kolhapur during 2017-18 and won award for Mumbai University. He has attended NYC**

**Camp which was a national level camp held at Noida during 2016-17 and attended Pre-RD Camp held at Vaze College, Mulund and he has been awarded NSS BEST Volunteer award at District level by University of Mumbai. In the year 2017-18, Mr. Kunal Patil was awarded as Best NSS Volunteer for Mumbai Suburban from University of Mumbai. In the year 2018-19, our college NSS Programme Officer Mr. Ashok Poojari, won Best District Coordinator Award for Mumbai Suburban from University of Mumbai. Red Ribbon Club is a movement through which, students will spread awareness over HIV / AIDS.. The Red Ribbon Club (RRC) unit of our college has received the best Red Ribbon Club award from the Union Ministry of Health and Family Welfare during the year 2019-20 for organizing voluntary blood donation camps.** The Department of Lifelong Learning & Extension (DLLE) aims to promote a meaningful and sustained rapport between the college and the community. The Department serves as an intellectual intervention in the community's living problems which need to overcome through an educational process. It helps to deepen the teachers' & students' knowledge through a wider exposure to real life situations through a variety of programs. To motivate and encourage the students few appreciations had been given by the department. **Our college teacher Dr. Aakanksha Gawade received the best field coordinator award in the year 2019-20.** Every year our college students have participated very enthusiastically in the Annual Extension work festival titled **"UDAAN – the flight of Extension"** and won a number of prizes .In addition to that, our students have got special appreciation from Kotak Education Foundation for extending the social service for the cause of education for their CSR programme. Extension students of our college won a list of prizes from the LLE Unit of different colleges for the various activities organised under this unit . Through extension activities our students have developed a variety of skills which helped them for their holistic development.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

**3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years**

**Response:** 81

**3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
27	09	16	15	14



<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 3.5 Collaboration

<p><b>3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.</b></p> <p><b>Response: 34</b></p>	
<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 4 - Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### **4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution**

**Response:**

Our college is housed in a building with a basement and three floors. It has an infrastructure conducive to the holistic development of the students. Well-equipped classrooms, ramp facilities for physically challenged students, laboratories with safety measures are in place for UG, PG and Ph.D programmes.

The college has a well-equipped library with an adequate collection of print and digital resources.

During the pandemic period the college library has provided resources in the online mode to the users.

Computer facilities are provided to all in the college. During the pandemic period LMS platform with G-suite facility was utilized in both online and offline mode. This helped in the teaching-learning process.

Various softwares are installed in the office, examination center and for the admission process, to ensure smooth administration of college activities.

The Technology Room is well equipped with modern electronic instruments. It has a facility for keeping records digitally. The Reprography Service Center helps in reproducing the records. A separate Record Room is made available for storage of records.

Extra-curricular activities are carried out with amenities such as an auditorium with a seating capacity of 600, an audio-visual room, Yoga center, cultural work station, E-cell work station for an all-round development of the students.

Indoor and outdoor games are promoted with special coaching facilities.

Safety of the infrastructure and students is ensured with the help of CCTV cameras, fire alarms, fire extinguishers, first aid boxes and a medical center.

On roll support staff helps in the maintenance of infrastructure. Annual Maintenance Contracts for all services are in place and staff members are allotted floor management duties to have a check on the maintenance of the infrastructure.

Annual budgetary provision helps in the maintenance and replenishment of physical facilities on a continual basis.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

#### 4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

**Response:** 93.77

##### 4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
53	14	19	44	59

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

#### 4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

**Response:**

##### Library SOP

Being an academic institution, the parent body is always of strong opinion in establishing standard operating procedures for smooth functioning of routine activities related to library. Library SOP defines duties and responsibilities of each designated post and how to cater the users keeping in mind vision and mission of the institution.

##### Library Automation

Library is automated using Software e-granthalaya. EG3 Rev. 32 version of e-granthalaya is in use for last six years. It is use for budgeting, acquisition circulation, stock verification and reports generation. AMC for software is in place.

OPAC facility is provided through LAN from department computers for displaying library collection.

## **Library Holdings**

Purchase of hard copies of books and journals/magazine is a regular procedure for each semester. Library has catered the students by providing the e-resources during the pandemic period through Google classrooms. To inculcate reading habits amongst students, fictions/non-fictions and general knowledge books are added to the library collection. To help students prepare for competitive/ entrance exams, library offers competitive exam books/journals and magazines for general knowledge, quantitative ability, languages and other related subjects. Counselling sessions are arranged for students to provide guidance in career advancement. Previous years university question papers for reference. It has collection of geographical/political/historical maps of country and world. Collection of CDs and bound volumes are made available. Library has adequate collection of books/journals-magazines to facilitate the students preparing for competitive exams.

Through INFLIBNET subscription e-books, e-journals and research article are made available to staff and students. INFLIBNET access is given to all teaching faculties and post graduate students.

Orientation programme is organized for freshers on regular basis to enlighten with rules and regulations, services and facilities offered by library such as Book Bank Service, Ex-student Membership, Scholar's Card, Best User. Feedback taken from outgoing students helps library aiming to quality service for academic development.

During the pandemic period Library Orientation was done on online mode using an audio-video presentation and interacting with students at regular intervals for reference services. E-resources were supplemented through google classroom.

## **Library Usage**

Library is functional on all week days except Sundays and Public holidays. It has a seating capacity of 75 users at a time.

After library closing hours an additional reading room facility in room number G6 is provided to students for study purpose.

Library is divided into two sections, reading room and circulation counter. To record footfall students are required to enter his/her name /class/roll no./time in and out and purpose to visit the library. Separate registers are maintained for circulation of resources other than books, internet usage in the library. Dedicated work stations help students to browse internet for academic purpose.

For attracting students to visit library regularly, initiatives are taken from college. Celebration of Library Day on 12th August every year is one of regular activity. Various competitions for students are being arranged on online and offline platforms. For sensitizing students on important days/events at national/international level initiatives are taken.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 4.3 IT Infrastructure

#### 4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

##### Response:

To enhance optimum use of IT infrastructure, the college has developed policies. These policies ensure the purchase and maintenance of ICT tools, trainings for its users and AMCs for their effective maintenance

During Pandemic, we have accelerated internet connection to 100 Mbps for the fast access to information and its retrieval.

The LMS platform facilitates active Google Classroom and Moodle. To enrich the technology development and ease of learning process, we have private access to Google Workspace (G-Suite) service for teachers, students and administrative staff. The Moodle platform is provided for virtual academic learning and resource sharing processes.

The Google classrooms are created for each course, students have access to classrooms with private Ratnam college domain id to reduce the security risk issues.

The Google classroom platform in virtual mode helped to have access to all academic resources and information, conduction of exams, submission of assignments whenever necessary.

The institution has licensed Microsoft Windows OS. Also, the college has academic softwares like MAPLE, Java, Eclipse, Cisco Packet Tracer, Saga, Latex, Tally, Android Studio, e-Granthalaya, R Software, Python, GeoGebra for providing hands-on experience to the students. eklavya software is used for the conduction of examinations.

The OneDrive cloud technology is adopted by college for paperless administration. Department-wise Storage as a service is provided due to which information can be retrieved and accessed easily along with private security.

The smart classrooms are provided with projectors and smart boards, wi-fi facilities to ensure a hybrid teaching learning process.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

**4.3.2 Student – Computer ratio (Data for the latest completed academic year)****Response:** 19.25**4.3.2.1 Number of computers available for students usage during the latest completed academic year:**

Response: 108

File Description	Document
Upload supporting document	<a href="#">View Document</a>

**4.4 Maintenance of Campus Infrastructure****4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)****Response:** 25.08**4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
12.05	5.8488	8.31	11.57	12.77

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

**Response:** 1.33

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
13	14	25	44	42

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

**Response:** D. 1 of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

**Response:** 0.05

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
01	01	01	01	01

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

#### 5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

## 5.2 Student Progression

#### 5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

**Response:** 11.73

##### 5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
148	39	70	128	06

##### 5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
754	693	745	591	550



File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)**

**Response:** 100

**5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
01	01	01	01	01

**5.2.2.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
01	01	01	01	01

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

**5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years**

**Response:** 7

**5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
1	1	2	1	2

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

**5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

**Response:** 14.8

**5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
13	13	16	16	16

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 5.4 Alumni Engagement

**5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services**

**Response:**

Though a formally registered Alumni Association is not there, the Association contributes immensely to the development of the Institution. Association members meet regularly to plan the activities.

Alumni sponsor fees to the needy students, organize activities such as Medical check up camp,

**Fundraising programs, Organ Donation Drive,**

Mini Marathon for Inclusiveness etc. They arrange for placement interviews and Internships whenever support is required for the same. They also render services such as Mentors, Guest Lecturers, career counsellors, Judge for various competitions/ events, arranging for Field Visits, Help towards Experiential Training, Resource persons for workshops and Seminars. The Alumni of Commerce faculty help in making cover page for the magazine Path Finders.

- **Samavesh-** the Mini Marathon ( 3.5 Km) was organised by the Alumni Association on 2-02-20 in support of specially abled children.
- **Organized an organ donation drive** On 08/08/19 where representatives from Shrimad Rajchandra Mission, Dharampur made a presentation attended by 225 students of which 95 students filled the consent form for organ donation.
- **Ms. Priyanka Jundare**, an alumni, was invited on 03/07/21 by the department of botany to give a guest lecture on the subject of "Introduction to Mangroves."
- **Mr. Mustafa Nullwala**, an alumnus of Maths Department , spoke on the subject of "Machine Learning in Action." On 29/09/21.
- **Mr. Anish Nair**, Guest Speaker gave a talk on Malayalam cinema and its future propositions to cover Regional Cinema in syllabus.
- **MR. LIJU** was the guest speaker for the career talk series on careers in Diplomacy and workings of Embassies and Consulates.
- **ROGER VINS** was the resource person for the Webinar on "CRYPTOCURRENCY" RESOURCE PERSON held at ZOOM platform on 4-02-22 under FINANZAS and "Exchange of Plastics for food" held at ZOOM platform on 21-12-21 under Zerogravity.
- **During Pandemic**, Our Alumnus Prajwal Waingankar developed an android app called "Intersafe" which was used by Doctors and health workers. He also developed an android app called "AyurNivid" to provide updates on COVID status in every state and union territory of India.
- **Ms. Vaibhavi Mayekar** an alumnus prepared indigeneous masks for people living in Devgad village. Our alumni of Maths and Botany Departments in association with NGO's helps the College in organizing outreach programs under DBT Star college Scheme.
- **MUSE** was initially started by the Association as a movie club in our College to sensitise students to social issues through screening of movies followed by brainstorming sessions, many times moderated by reputed social change makers. Today the Club has become an intellectual and thought provoking club wherein youngsters not only deliberate on movies watched but also are actively involved in community outreach activities covering wide range of areas like sustainable menstruation ( period of sharing), campaigns for easy travel in local trains ( bag pakkad Jagah bana), environment preservation campaigns ( cleaning juhu beach, yeoor clean up drive, rallies to raise voice to preserve the Aarey jungle etc. MUSE today is running in 6 colleges in Mumbai.
- **Our Alumni** along with the NSS Unit helps in controlling the traffic on Immersion days during Ganesh Utsav.

File Description	Document
Upload Additional information	<a href="#">View Document</a>



## Criterion 6 - Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

**6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance**

**Response:**

**The Vision & Mission of the College is as under:**

**Vision: To become an autonomous institution which will be a trendsetter in the field of higher education having strong national and international linkages.**

**Mission: The College aims at inclusive education with emphasis on holistic development of the students by providing quality education and prepares them to contribute to social development.**

**The Leadership and Governance of the institution brings alive the above vision and mission statement through various strategic practices that has helped the College to carve a significant niche for itself in the University of Mumbai. The institution has strived to achieve many a firsts to be a trendsetter in the field of higher education like the ISO certification, the Ramkrishna Bajaj Award for Excellence in Education, the Arogya Award for healthy workplace, the DBT Star Scheme Status. Over the years it has developed linkages with reputed institutions from fields of Humanities, Science and Commerce like Bombay Management Association, Indian Institute of Technology.**

**The institution has branched out to become a place wherein education imparted is all encompassing, covering basic as well as specialized knowledge. It has the status of a linguistic minority. The institution admits students with varied intellectual abilities, religion/caste/ gender/ physical disabilities along with students on merit from the Open Category thereby addressing the need for inclusive education.**

**Through its academic policy, extension activities and extra and co-curricular activities, it helps the students in acquiring knowledge, inculcating values, imbibing good citizenship, culture, developing life skills as well as training them for successful careers. It tries to sensitise the students to the needs of the marginalized sections of society through its NSS/ LLE & departmental activities and constantly strives for community development. This endeavour of College has led to it getting awards as the Best Red Ribbon Club from the Ministry of health, New Delhi (2019), Best NSS Volunteer - Mumbai Suburban District (2018 & 2019) and our alumni have also have established successful NGOs like Happie Foundation and MUSE which are making significant contributions to the community.**

**The leadership believes in decentralised and participative management. The Annual plan of the College is drawn in a bottom top approach where the departmental/committee heads decide about**

the various activities to be conducted during the year which the IQAC integrates into the annual calendar.

Each departmental/committee heads are allocated a budget for their departments/committees and they decide the way the expenses have to be managed. Students are also free to contribute ideas with respect to various activities of the college. Unmesh and Sathyanarayan puja are events conducted by the non teaching staff where they have the freedom of decision making. The non teaching representative on the IQAC puts forth ideas on quality improvement on behalf of the non-teaching staff.

File Description	Document
Provide Link for Additional information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

**6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc**

**Response:**

**Leadership and Governance develops strategies and implements them with focus on total quality management to not only sustain quality but also to enhance it in order to take care of the interests of all stakeholders. Following are the details with respect to strategy development and deployment in various important functional areas:**

- **In 2020-21, The Organogram of the College has been modified to not only depict the hierarchical structure of roles and line of authority and responsibility but also includes the newly formed 5 Institutional wings (Management, Academic, Administrative, Development and Finance wings) constituted as a part of the Remodeling project initiated by the Management under the Leadership of Founder- President Dr. R Varadarajan.**
- **The 5 Institutional wings were constituted keeping in mind the 5 critical functional areas in an educational institution. This new introduction in the organogram has helped to streamline strategic planning and implementation of policies and procedures**
- **The perspective plan and the development plans are devised by the IQAC based on surveys to identify needs of stakeholders, feedback from them and also brainstorming sessions by members. This is then communicated to the CDC for approval and further implementation.**
- **The IQAC has very diligently documented SOPS with respect to various functional areas in the working system manual of the College which is a ready reckoner for various policies and practices and efficient conduct of the college.**
- **The College follows HR rules with respect to appointments, leave etc as prescribed by the**

University of Mumbai, the Joint Director's office, UGC and Management of the College. These are communicated to the staff at the time of appointment and induction training. These are also delineated in the working system manual of the College.

<b>File Description</b>	<b>Document</b>
Upload Additional information	<a href="#">View Document</a>

### 6.2.2 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

**Response:** A. All of the above

<b>File Description</b>	<b>Document</b>
Upload supporting document	<a href="#">View Document</a>

## 6.3 Faculty Empowerment Strategies

### 6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

**Response:**

The College provides adequate opportunities and support for faculty development by not only encouraging them to attend them but also by conducting need based development programs. Intra and inter department informal training sessions through ICT is a common strategy for faculty development post pandemic. The staff more adept at ICT share their knowledge through videos and interpersonal sessions to bring about faculty development. Financial support is also provided to faculty to attend these programs. Celebration of festivals and achievements, felicitations at the staff council meeting and also by the Management are some of the staff welfare measures. Staff welfare fund is maintained to meet these expenses. The parent body has constituted a NES Staff Medical and Welfare Fund for supporting medical expenses of staff as and when needed. Similarly non teaching staff are also encouraged to attend training programs organised by other institutions and UNMESH is an intercollegiate fest conducted by the non teaching staff.

Soft loans and medical support are also provided to the non teaching staff. Monetary assistance in the form of a Loan of Rs. 1 lakh was sanctioned towards medical treatment for Office Superintendent, Mrs. Pushpa Iyer. Similarly Rs 20,000 was provided to her each month from Jan. to

April 2022 as a loan to bear her medical expenses.

Mr Murugan Mestri was also sanctioned a personal loan of Rs. 20,000 .

Staff blessed with a child or got married are given a monetary token of blessing. Sheetal Barge (office staff) was given the same when she got married.

Performance appraisal system is implemented as per the guidelines from UGC/University/Government. API forms are given to faculty every year. D2/D3 forms are also filled which are verified by the heads of the departments.

Further the Principal also takes note of the performance and non-performance of duties by the staff to have a more comprehensive appraisal. The performance of teaching staff is evaluated through lesson observations by IQAC, informal and formal feedback from students. The reports of the lesson observations and feedback are shared with respective teachers for improvement. Results of students in the subject are also a means of evaluating teacher performance.

For staff in Self financing programs, annual review of performance is done by the head of the Department to decide about continuity and increments. Student's feedback is also taken on an annual basis and staff members are given a summarized report of the feedback at the end of the academic year, for further improvement

Necessary actions are taken based on the appraisal.

Non teaching staff performance appraisal is done through Form 6.

File Description	Document
Upload Additional information	<a href="#">View Document</a>

### 6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

**Response:** 18.86

#### 6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
01	00	04	31	17



File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

### 6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

**Response:** 20.51

#### 6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
22	14	22	04	26

#### 6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
29	29	30	30	30

File Description	Document
Upload supporting document	<a href="#">View Document</a>
Institutional data in the prescribed format	<a href="#">View Document</a>

## 6.4 Financial Management and Resource Mobilization

**6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)**

**Response:**

**The leadership of the College believes in effective financial management and resource mobilisation in order to meet developmental activities of the college. The Finance wing is instrumental in developing finance related policies and its implementation. Periodic audits are conducted by sub units of the IQAC and various committees to ensure financial discipline and optimum use of financial resources.**

**Internal financial audit is conducted by Internal audit Committee/IQAC members and external financial audit is conducted by professional chartered accountant firm Rao Ashok. Audit of Accounts is done monthly by the Internal audit Committee members and by statutory auditors as per the norms. Audited accounts are placed before CDC. Annually the Management Team of NES – SVB Group also conducts financial auditing periodically.**

**Resource mobilisation - The College gets financial support from Government in the form of Salary Grant for aided programmes . Further financial resources are mobilised through government grants like DBT Star Scheme, Unnat Bharat Abhiyan, Minor Research grants from University/UGC etc. Management contributes significantly towards infrastructural development and other developmental activities. Sponsorships from private organisations and alumni for various events of the college are important sources of finance. Parents and alumni also contribute in kind many times.**

**With the setting up of the Sponsorship Committee, there is an increase in Sponsors for various events.**

File Description	Document
Upload Additional information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities**

### **Response:**

Right since the inception the IQAC of the College has played a significant role in assuring quality in all its operations and processes. Each functional area has been assigned to specific members of the IQAC who diligently look into the sustenance and enhancement of the quality in those functional areas through the process of Plan , Do Check and Act. In the IQAC meetings problems in those functional areas are discussed to find implementable solutions. Innovative ideas are also encouraged by the coordinator towards quality enhancement.

Teaching learning process is reviewed through students feedback, lesson observation reports and Examination results. Appropriate actions are taken to ensure an efficient teaching -learning process. Learning outcomes are determined and achieved to ensure the credibility of the teaching learning process.Emphasis is given to use of ICT in teaching and also is creating e resources. learning outcomes are evaluated on the basis of exam results, placements and career progressions of students.Incremental improvements are made in various activities through reviews of the event conducted and identifying areas of improvement which are kept in mind to be implemented while planning the event for the next year. Administrative processes are also reviewed periodically to eliminate waste in the form of time, effort and resources and appropriate Standard operating processes are followed. Going paperless is an important initiative of the IQAC and also the digitisation of records.

The IQAC also has very diligently documented these in the working system manual of the College which is a ready reckoner for efficient conduct of the college. Further the IQAC ensures the timely submission of the AQAR which also becomes the basis of review of the quality systems for further improvement. These are incorporated appropriately while drawing the annual plan of the college

The Remodelling project 2020-22 initiated by the Management reviewed the existing systems and practices in the areas of Academic, Administrative, Finance and Development This was a very effective quality enhancement exercise that made modifications to bring about effective practices in these areas.

The life cycle of the College has reached a stage where experienced and senior faculty members are retiring in succession. The IQAC is making a conscious effort to train/delegate and empower staff to keep the second line of leadership to take over seamlessly.

#### 6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
- 2.Collaborative quality initiatives with other institution(s)/ membership of international networks**
- 3.Participation in NIRF**
- 4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc**

**Response:** A. All of the above

File Description	Document
Institutional data in the prescribed format	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### **7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years**

##### **Response:**

The institution ensures that the promotion of gender equity is prioritized and ensured through institutional policies, programmes and activities.

1. Right from the admission policies of the college that is uniform for all, the college ensures that the needs of the student community are fulfilled and deserving students get subjects as per their choice

2. Nearly 60% of the total students in the college comprise of women and every class has a majority of girl students

3. Before the planning of activities a conscious effort is made to involve all stakeholders in the process and execution of these activities. The percentage of girl students participating in all co-curricular, extracurricular and intercollegiate activities is increasing every year .

4. The outgoing students are rewarded for their merit in academics and overall performance of activities

5. Students (both girls and boys) hold positions of leaderships as Class representatives and academic volunteers

6. Both girls and boys have special coaching in sports and have their own cricket teams. They also represent the college in intercollegiate sports events and Sports Coaches are appointed for all students.

7. Committees such as Women's Development Cell has student members from both the boys and the girls and it conducts programmes to enlighten on issues related to gender and organizes empowerment activities for both boys and girls

8. For all positions of institutional responsibility and decision making such as the selection of the General Secretary, Cultural Secretary, editorial boards of journals and newsletters, sports captains and major events in charge, the profiles of both girls and boys are accepted, checked and scrutinized and deserving candidates are chosen.

9. The e-cell and the placement cell facilitate student internships for both boys and girls where positions of higher nature are held by many. Further testimonials of some alumni prove their career growth. Ms Mariyam S. from the Arts faculty has now turned into a successful entrepreneur and Mr. Nishant Bangera. BCom and Mr George D'souza from BMS of are involved in promoting civic responsibility awareness programmes towards women through their own initiatives and enlighten people on gender sensitization projects of the government

10. Through DBT and extension activities such as LLE and NSS, students are provided a platform to

manage outreach programmes as student managers and leaders

Celebration of days of National/International commemoration:

The institution takes initiatives to celebrate days of importance with the involvement of staff, students and alumni.

- The Institutional Annual Plan mentions each of these days and the Students Council of the college along with the NSS and LLE organizes the Republic day, Independence Day, Maharashtra Din, Kargil Diwas, Teachers Day, Marathi Bhasha Diwas, Mahaparinirvana Day, Constitution Day, UN Human Rights day, Environment Day, International Peace Day and International Labour Day.
- The NSS students are sensitized on issues of historical prominence from celebrations like Gandhi Jayanti and Shivaji Jayanti from which they learn and implement positive attributes and values.
- The last two years of the pandemic witnessed many activities on online platforms and the response has been overwhelming.

File Description	Document
Upload Additional information	<a href="#">View Document</a>
Provide Link for Additional information	<a href="#">View Document</a>

### 7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

**Response:** A. 4 or All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

### 7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1.Green audit / Environment audit
- 2.Energy audit
- 3.Clean and green campus initiatives
- 4.Beyond the campus environmental promotion activities

**Response:** A. All of the above

File Description	Document
Upload supporting document	<a href="#">View Document</a>

**7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic diversity and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)**

**Response:**

Our college is known for its demographic diversity and Bhandup being a migrant area, students from different socio-economic backgrounds take admission. This cosmopolitan population is not very affluent and hence the college has developed all means and policies to cater to their needs for holistic development.

Initiatives taken :

1. Indian festivals are organized to create an atmosphere of unity and harmony where students come together and display the spirit of nationalism
2. We cater to students belonging to different regional and linguistic diversities. The same is nurtured through celebration of the Marathi Bhasha Diwas, Hindi Diwas, Maharashtra Day where students display the culture and rich heritage of the state and nation through songs, skits & exhibitions.

Steps taken to instill the constitutional values amongst students and staff

1. The college lays a lot of emphasis on organizing value added programmes for students as well as staff.
2. Right from the year of its inception College celebrates National Days of importance with great zeal and fervour. The Students' Council takes the lead in organizing these programmes. Constitution Day and visits to Old Age homes/ Orphanages are organized for students to be trained on social and moral values .
3. Leadership training programmes are conducted for student class representatives to teach the importance of teamwork ,discipline, empathy, vision/goal etc.
4. Extension activities are promoted by the institution through the dynamic and popular NSS and LLE units. Activities such as HIV awareness, Blood Donation ,Beti Bachao and Beti Padhao, Road Safety, Swachh Bharat Abhiyan, Ujjwal Yojana, Jeevan Bima Yojana the principle of brotherhood

is fostered

Every stakeholder in the college is aware of their duties as citizens of India and the same is exercised in multiple ways

- 1.The Voting Rights awareness drive, UN Human Rights Day helps in securing the goals of righteousness and abidance to the national and international ideals.
- 2.The staff perform their election duties whenever asked for by the government authorities
- 3.One of the key challenges in India, is recycling of plastic and to achieve this objective, the college has along with the alumni worked towards ensuring appropriate recycling of multi layered plastics
- 4.Staff and students are made aware of bio waste and E-waste management techniques through training programmes and periodical orientation.
- 5.The use of Solar Energy for an efficient energy saving system is maintained and periodically assessed. Further displays on Save Energy and Save water have been put up in all important areas of its premises.
- 6.The college has formed many committees to look into the code of conduct of all stakeholders.The statutory committees such as Women’s Development Cell, Internal Complaints Committee,Anti Ragging Committee,Grievance Redressal Cell Discipline and Unfair Means Committee plan and implement ethical behavior amongst students

SANMAT - a two day Conference glorifying the Marathi-Tamil-Sanskrit confluence in present day India was a literary event with scholars from different fields presenting and participating in the event.

Mahaparinirvan Din is celebrated by the Department of Political Science to convey the ideals of Dr. Babasaheb Ambedkar and his values to the young minds

File Description	Document
Upload Additional information	<a href="#">View Document</a>

## 7.2 Best Practices

**7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual**

**Response:**

## **I.HOLISTIC DEVELOPMENT OF STUDENTS THROUGH VARIOUS SKILL DEVELOPMENT PROGRAMMES**

### **Context:**

In today's fast moving competitive world it is necessary to upgrade oneself for quality performance. Our students who are our primary stakeholders need to match themselves with global competition. Soft Skill and Life Skill Training programmes are important component of Remodelling Project aimed at academic excellence and holistic development of students

### **Objective:**

- To conduct various training programmes in the areas of soft skills and life skills for the purpose of bringing about holistic development amongst the youth
- To collaborate with external agencies so as to give the necessary exposure to the students for their future
- To prepare leaders who shall be confident, harmonious and adorned with the abilities to serve the mankind

### **Practice:**

The training programmes are well planned aiming to equip the students with employability skills, entrepreneurial skills and make them future ready to face the global challenges. 'Modern Teaching Methods' Council(MTMC) is instrumental in planning and execution of all academic programmes in a qualitative manner.

Titles and the schedule of the training programmes are included in the Annual Plan of the institution. A Nine member Training Committee of in-house resource persons is constituted to plan and implement the life skills programme through structured modules. Trained Staff and academic volunteers carry out the training for all students who are carefully grouped into batches to ensure successful implementation. Each training ensures that the take away points are judiciously emphasized.

Topics for Soft skills Programme are selected depending on the requirements of the industry to bridge the gap between the academia and the industry. Experts from various industries are invited as resource persons. Hands on training is arranged wherever possible.

One of the unique features of our institution is the Annual Students' Start Up Festival organized to upgrade the entrepreneurial skills of the students and provide them with a platform to showcase their skill and get an opportunity to take it further. The Entrepreneur Cell (E-Cell) of the college works in association with the E-cell of IIT Bombay. Placement Cell also conducts training sessions guiding students for successful placement.

Speakers Academy is set up which provides training to the students for communication and writing skills

### **Impact of the practice**

Life skills training conducted on Interpersonal Communications, Team Building, Time Management, Decision Making, Effective Communication helped the students to cope up with their emotional quotients



which needed to be addressed especially during the transition phase from the lockdown to the offline working system. Students also got an opportunity to interact with experts from the industries such as Indian Merchants' Chamber, Bank of Maharashtra, R2MI Ventures etc and also from premier institutions like the IIT Bombay, HBCSE, TIFR and others.

Students have also started their own startups and business enterprises.

### **Obstacles faced if any and strategies adopted to overcome them**

- The Training Programs are meticulously planned before the commencement of the new academic year
- Activity based modules are planned to have lasting impact and usefulness
- Time constraint is the major obstacle faced

## **II. ENVIRONMENT CONSCIOUSNESS**

### **Context:**

One of the issues of concern being addressed universally is Global Warming and Climate Change.. It is the need of the hour to be conscientious and responsible citizens, and contribute towards this global cause. All stakeholders need to be sensitized towards Environment Consciousness. It has, therefore, been adopted as one of the Best Practices of our institution, whereby we step up and support initiatives – however trivial or crucial – and contribute towards a clean and Green Environment.

### **Objective:**

- To connect students to their environment, fostering care for the environment, and building an agency for the protection of the environment
- To conduct training programmes and adopt measures that are practical in nature; that which not only protect the environment but also give an aesthetic look and feel to the campus and our neighbourhood.

### **Practice:**

#### **Participation in Environment-related Activities:**

- The month of June is earmarked for Environment Consciousness drives as 5th June is celebrated as International Environment Day. Poster Displays, Power Point Presentations, Tree Plantation are the events organized in the college premises and in the neighborhood, as well.
- Students participate in 'Van Mahotsav' celebrated by Municipal Corporation of Greater Mumbai from 1st July to 7th July every year
- Nature Club of the Department of Botany and Sparrow Club of the Department of Zoology take lead initiatives to make students aware of the factors that cause irreparable damage to the environment
- Awareness is being created through projects of ecological nature to understand the status of college environment through soil myco flora and aero myco flora survey of campus. Students spread awareness by participating and presenting projects like Carbon sequestration in intercollegiate competitions

- With the help of Alumni, activities like Workshop on Bird Information were conducted
- Workshops on eco-friendly Ganpati idol making were conducted to sensitize the students against pollution caused during Ganpati Immersions
- Special skill-based programmes/workshops like Bottle garden /Dish garden making are arranged to cope up with increased urbanization without destroying nature
- Medicinal plants are maintained along with butterfly-loving plants, flowering plants and indoor plants in the college garden
- Students are taught the technique of making handmade paper from waste paper and this technique was used in the college's Ganpati decoration.

**Obstacles faced, if any, and strategies adopted to overcome them**

- Efficiency of solar panels being low especially during the rainy season, the energy requirements cannot be totally fulfilled by it. Initiatives have to be taken to minimize energy consumption by replacing existing tubelights with LED lights. Considering the financial implications, it can be done in a phased manner
- Recycling of e-waste is a challenge

**Impact of the practice**

Though the impact of the efforts taken towards Environment Consciousness cannot be quantified, the college has taken a small but firm step towards shouldering its responsibility of safeguarding Mother Earth and all mankind. Despite a modest campus in terms of the actual area, the college takes pride in its beautiful, lush green and environment-friendly landscape

File Description	Document
Best practices as hosted on the Institutional website	<a href="#">View Document</a>
Any other relevant information	<a href="#">View Document</a>

**7.3 Institutional Distinctiveness**

**7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words**

**Response:**

NES Ratnam College of Arts Science & Commerce, established in 1983 is a prime unit of National Education Society (NES) & Saraswathi Vidya Bhavan (SVB) Group of 69 Institutions founded by Dr.R.Varadarajan in the year 1963. In the current year 2022-23, Group is celebrating the Diamond Jubilee year of its glorious existence of 60 years, reflecting back on its contributions to the society through quality education being imparted to about 43800 students ranging from pre-primary to doctoral level and in various Professional areas. Alumni of his Institutions are well placed across the globe serving as ambassadors of skill-based value education imparted at NES-SVB Institutions.

NES-SVB group and its founder have been proud recipient of recognitions at national & global levels for their unparalleled contributions in the field of Education. Dr.R.Varadarajan is the first Indian educationist to be felicitated at House of Commons, UK and NES-SVB is the first Institution in India to receive recognition from Indian Merchants' Chamber in the field of Education.

However, way back in 1983, access to higher education was a dream to many residing in this backward suburb of Mumbai. In order to make this dream of locals a reality, the Visionary Management of National Education Society set up Ratnam College of Arts, Science and Commerce in 1983.

Within a short span of time, the Institution has carved a niche for itself.

Today, College takes pride in the fact that it offers a wide range of Undergraduate and Postgraduate programmes in Arts, Science, Commerce and Management besides several short term add on courses, skill development programmes, in response to the diverse requirements of students in a world driven by technology. Because of its strong belief that quality education is a process by which students' character and personality are developed at par with academic excellence, the institution is painstakingly making conscious effort to work towards setting and maintaining quality standards with conviction. The quality in teaching-learning process and emphasis on infusing values in students through various training programmes are amply reflected in regular functioning of the Institution. The College is now gearing itself for implementing the NEP guidelines in a qualitative manner and has already forwarded its application for Autonomous Status.

Institution, with the support of Visionary Management is committed to serve the cause of improving quality of education with zeal and enthusiasm.

Distinctly better performance of our students in comparison with average performance of students at the Final University Examinations of many of other Institutions, reasonably high percentage of students' employment or progression to higher studies strongly endorses the quality of our teaching-learning process. Ratnamites are endowed with all-round growth and well-groomed personality through various enrichment activities to be reckoned as assets by the society. Our well-placed alumni in vast areas of professional excellence vouchsafe for this. The Institution strongly believes in not only sustaining quality but also enhancing it in order to achieve its vision stated below

**Vision:**

To become an autonomous institution which will be a trend setter in higher education having strong national and international linkages.

**Mission:**

The College aims at inclusive education with emphasis on holistic development of the students by providing quality education and preparing them to contribute to social development.

**Motto**

Learn, Live and Lead

**The objectives of the Institution are:**

- To emphasize Inclusive education focusing on academic and socio-cultural upliftment.
- To bring about holistic development of the students through a number of skill-based activities
- To empower students specially with entrepreneurial skills
- To turn out disciplined and conscientious students through value-based education
- To involve all stakeholders in the quality assurance process
- To keep pace with time and technology
- To build a strong Ratnam brand

## 5. CONCLUSION

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### Additional Information :

All well-wishers of the Institution are justifiably proud of the Institution's achievements made so far, namely:

- The College was the first educational institution, in Maharashtra, to receive the ISO 9001:2000 certification in 2002
- The National Assessment and Accreditation Council certified the College as 'A' grade institution in 2004 and reaffirmed the status in 2011 and again in July 2017
- The initiatives taken by the college towards community development, especially in Bhandup, were rewarded when the Municipal Corporation of Greater Mumbai renamed Bhattipada Road of Bhandup(W) as the NES Ratnam College Marg in 2006
- In 2007 it received the IMC Ramakrishna Bajaj National Quality Award for Excellence in Education as a constituent institution of the Parent Body, NES, which again was the first of its kind in the category of education
- The College is the proud recipient of the British Quality Mark conferred by the British Institute for Learning and Development, U.K, in 2009; a rare honour for an educational institution in India.
- The College was a recipient of Best College Award in the urban area by the University of Mumbai for the academic year 2013-14.
- In the year 2016-17 , the College was selected for the Star Scheme of the Department of Biotechnology, Ministry of Science & Technology, Govt. of India. Five departments of Science Faculty received grants under the DBT Scheme for a period of three years from 2017-18 to 2019-20.
- In 2019 the College received Certificate of Achievement -International Year of the Periodic Table (IYPT) 2019 India Program for successfully completing the IYPT 2019 India Program- International Short-Term Certification Course on campus
- The College was upgraded to Star Status by the Department of Biotechnology, Ministry of Science & Technology, Govt. of India for its exemplary work during the implementation of Star Status Scheme. Five departments of Science Faculty are the recipient of grants under the DBT Star Status for a period of three years from 2020-21 to 2022-23.

### Concluding Remarks :

Regardless of the college location, away from the developed suburbs of Mumbai, the college has consistently catered to the underprivileged students and strived relentlessly to channelize their potential towards a successful career. The college has unfailingly succeeded in moulding conscientious citizens capable of contributing to the welfare of the nation and will continue to do so.



## 6.ANNEXURE

### 1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																																								
2.1.1	<p><b>Enrolment percentage</b></p> <p><b>2.1.1.1. Number of students admitted year wise during last five years</b> Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>2079</td> <td>2096</td> <td>2183</td> <td>2022</td> <td>2010</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>716</td> <td>720</td> <td>752</td> <td>701</td> <td>697</td> </tr> </tbody> </table> <p><b>2.1.1.2. Number of sanctioned seats year wise during last five years</b> Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>2814</td> <td>2868</td> <td>2854</td> <td>2714</td> <td>2565</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>968</td> <td>986</td> <td>986</td> <td>934</td> <td>886</td> </tr> </tbody> </table> <p>Remark : Input edited as per the supporting documents</p>	2021-22	2020-21	2019-20	2018-19	2017-18	2079	2096	2183	2022	2010	2021-22	2020-21	2019-20	2018-19	2017-18	716	720	752	701	697	2021-22	2020-21	2019-20	2018-19	2017-18	2814	2868	2854	2714	2565	2021-22	2020-21	2019-20	2018-19	2017-18	968	986	986	934	886
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2.4.2	<p><b>Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)</b></p> <p><b>2.4.2.1. Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years</b> Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>25</td> <td>27</td> <td>28</td> <td>26</td> <td>26</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>01</td> <td>01</td> <td>01</td> <td>01</td> </tr> </tbody> </table> <p>Remark : Input edited as per the, Doctorate Degree awarded by UGC recognized universities not</p>	2021-22	2020-21	2019-20	2018-19	2017-18	25	27	28	26	26	2021-22	2020-21	2019-20	2018-19	2017-18	01	01	01	01	01																				
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2021-22	2020-21	2019-20	2018-19	2017-18																																					
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provided by the HEI

**3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years**

**3.2.2.1. Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
37	25	38	33	30

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
44	32	38	33	30

Remark : Input edited as per the supportive documents.

**3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years**

**3.4.3.1. Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
09	11	22	15	17

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
27	09	16	15	14

Remark : Input edited as per the clarification response.

**3.5.1 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.**

Answer before DVV Verification :

Answer After DVV Verification :34

Remark : Input edited as per the supporting documents.



4.3.2	<p><b>Student – Computer ratio (Data for the latest completed academic year)</b></p> <p>4.3.2.1. <b>Number of computers available for students usage during the latest completed academic year:</b>          Answer before DVV Verification : 118          Answer after DVV Verification: 108</p> <p>Remark : Input edited as per the Invoices and List.</p>																				
4.4.1	<p><b>Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)</b></p> <p>4.4.1.1. <b>Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)</b>          Answer before DVV Verification:</p> <table border="1" data-bbox="308 790 1046 925"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>24</td> <td>14</td> <td>29</td> <td>22</td> <td>31</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="308 1003 1046 1137"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>12.05</td> <td>5.8488</td> <td>8.31</td> <td>11.57</td> <td>12.77</td> </tr> </tbody> </table> <p>Remark : Input edited as per the supporting documents.</p>	2021-22	2020-21	2019-20	2018-19	2017-18	24	14	29	22	31	2021-22	2020-21	2019-20	2018-19	2017-18	12.05	5.8488	8.31	11.57	12.77
2021-22	2020-21	2019-20	2018-19	2017-18																	
24	14	29	22	31																	
2021-22	2020-21	2019-20	2018-19	2017-18																	
12.05	5.8488	8.31	11.57	12.77																	
5.1.2	<p><b><i>Capacity building and skills enhancement initiatives taken by the institution include the following</i></b></p> <ol style="list-style-type: none"> <li>1. <b><i>Soft skills</i></b></li> <li>2. <b><i>Language and communication skills</i></b></li> <li>3. <b><i>Life skills (Yoga, physical fitness, health and hygiene)</i></b></li> <li>4. <b><i>ICT/computing skills</i></b></li> </ol> <p>Answer before DVV Verification : A. All of the above          Answer After DVV Verification: D. 1 of the above          Remark : Input edited as per the HEI not provided the supportive documents.</p>																				
5.1.3	<p><b>Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years</b></p> <p>5.1.3.1. <b>Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years</b>          Answer before DVV Verification:</p> <table border="1" data-bbox="308 1935 1046 2069"> <thead> <tr> <th>2021-22</th> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> </tr> </thead> <tbody> <tr> <td>1315</td> <td>1455</td> <td>983</td> <td>1486</td> <td>1617</td> </tr> </tbody> </table>	2021-22	2020-21	2019-20	2018-19	2017-18	1315	1455	983	1486	1617										
2021-22	2020-21	2019-20	2018-19	2017-18																	
1315	1455	983	1486	1617																	

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
01	01	01	01	01

Remark : Input edited as per the , HEI not provide the consolidated documents so it is not considered .

## 5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

### 5.2.1.1. Number of outgoing students placed and / or progressed to higher education year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
590	552	572	444	418

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
148	39	70	128	06

### 5.2.1.2. Number of outgoing students year wise during the last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
754	693	745	591	550

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
754	693	745	591	550

Remark : Input edited as per the documents provided in link

## 5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

### 5.2.2.1. Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18

37	39	32	26	31
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Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
01	01	01	01	01

**5.2.2.2. Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
312	62	32	26	87

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
01	01	01	01	01

Remark : Input edited as per HEI not provided any authenticated documents

**5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years**

**5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years**

Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
2	1	3	2	6

Answer After DVV Verification :

2021-22	2020-21	2019-20	2018-19	2017-18
1	1	2	1	2

Remark : Input edited as per the list and certificates provided by HEI.

## 2.Extended Profile Deviations

ID	Extended Questions
1.1	<b>Expenditure excluding salary component year wise during the last five years (INR in lakhs)</b>
	Answer before DVV Verification:

Self Study Report of NES RATNAM COLLEGE OF ARTS, SCIENCE AND COMMERCE

2021-22	2020-21	2019-20	2018-19	2017-18
77	28	48	66	90

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
52.4235	22.49547	34.6548	42.8564	49.1246