



SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

DHARAMPETH M.P. DEO MEMORIAL SCIENCE COLLEGE

**NEAR AMBAZARI LAKE, NORTH AMBAZARI RODA, NAGPUR
440033**

www.dharampethscience.com

SSR SUBMITTED DATE: 05-05-2023

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

May 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Dharampeth M. P. Deo Memorial Science College established in the year 1968 is one of the 12 institutions under aegis of Dharampeth Education Society (E-1929). Every year, the supreme sacrifice of the founding patrons is remembered with warmth and reverence on the foundation day of the society.

Our institution has produced renowned social and political thinkers, scientists, military officers of very high ranks, sportspersons etc. It is a matter of immense honour for us that Padmashree Dr. Dhananjay Sagadev, Air Vicemarshal Suryakant Chafekar AVSM (retd.), Brig. Sunil Moharil, Col. Deshpade, present Deputy Chief Minister of Maharashtra Hon. Devendra Fadnis, Former Guardian Minister of Nagpur Shri. Chandrasekhar Bawankule and host of such highly influential personalities were our students.

Dignitaries of extremely high renown and prominence have magnanimously accepted our invites to address our students and educational fraternity on number of occasions.

In addition, we are also very well known for the honest ethical practices, and policy of no donations or undesirable practices against recruitments.

We have 3 UG programmes: B.Sc.; BSc Home Science; B.Sc. Computer Science and 2 PG Programmes in the subjects Mathematics and Chemistry. The students have been additionally navigated through 30 different certificate courses conducted more than 90 times in this cycle. All the certificate courses are approved by IIT Spoken Tutorials, IIT Powai; Visvesvaraya National Institute of Technology, Nagpur; Lifelong Learning and Extension under *Jeevan Shikshan Abhiyan* of Rashtrasant Tukadoji Maharaj Nagpur University Nagpur; Production Modeling India Ltd etc. Our pride rests on training more than 95% students of the institution through these courses.

We provide a very holistic and nurturing platform for our students through our MoUs with national and global level institutions and companies along with vibrant NCC, NSS, Women Cell and Rotaract Club etc.

In the third, cycle we were accredited as a grade “A” institution with CGPA 3.01. We never relaxed after the 3rd NAAC review and as result we are one of the most NEP 2020 ready institutions in India with highly special achievements in almost every criterion of the accreditation.

Vision

The Vision of the institution is as defined as below:

1) To develop global talent through quality and affordable education.

We conduct number of activities as per the vision of our institution. The education at our institution is affordable and high quality. Our faculty are academically vibrant and known for their quality work as well as initiatives.

2) To produce thriving, determined and vibrant population of youngsters well equipped to move into the knowledge society.

We ensure easy access to our students into the knowledge society by constantly reinventing the gaps in the curriculum and demands of the industry. We make good use of feedbacks received from the students, the industry for designing our curriculum. Our faculty are active and experienced and where we find ourselves short and wanting we invite experts to help us strengthen the educational processes.

3) To prepare students for wide spectrum of positions and profiles in various fields.

We groom our students' social, emotional, intelligence quotients along with enhancing their digital competence and knowledge the rich cultural heritage and professional ethics of different types.

We prepare students for wide spectrum of positions and profiles in various fields. We believe every student has innate qualities and talent and one flourishes when thriving opportunities are given to one. With this philosophy we constantly widened the choices for our students so that their interests, inclinations are accommodated with ease and they produce brilliant results without subjecting themselves to stress and pressure.

Our outcomes are distinctive and aligned with the Industry 4.0 initiatives. The latitude of choice based on interests and inclinations give our students freedom to innovate, create and explore researching abilities.

It is because of this our students have excelled in diverse fields of life. We have produced very high profile military officials, politicians, social scientists, researchers, teachers, corporate and industry officials in the last 50 years. Along with academics we have a substantial number of students participating in the games and sports. Our archers and Skaters and athletes are of national standard and well known in their fields.

Mission

Our mission statement to attain the vision has three parts as follows:

I) “To nurture the obvious and identify the unseen and undiscovered talents of the students so as to turn them towards the success path.”

As per the mission of our institution along with allowing students to make choices as per their interest we also ensure that the processes cultivate their innovation and creativity skills. We provide different sorts of supports so that students feel gravitated to work on their innovative ideas and projects, games and sports. The present industry 4.0 initiatives, Lectures of the Golden Jubilee Series have paved a way for new knowledge and employability skills. We accommodate diverse needs of students thorough MoUs with global institutions and NGOs or through the outside experts and alumni.

II) “To give more than the curriculum so as to enrich the academic experience of the learners.”

The curriculum is modified, enriched and delivered effectively through student centric activities. In addition to

the delivery of curriculum we go beyond to cultivate humane values in our students. We conduct number of gender sensitization, leadership, teamwork, social service and community development activities on our campus. Special appreciation is awarded to our Rotract Club members and the institution from Mahatma Gandhi National Council for Rural Development Ministry Education Government of India for the work done by the volunteers during the mincing second phase of COVID-19.

III) “To provide an ambience which will help the students to keep their focus on studies and build relationships with their peers.”

Being well aware of students’ diverse learning styles and needs we involve students with the teaching and learning process by way of number of pedagogical activities. We believe that the soul of learning is in concentration and focus on the learning experience. Further, we believe that college times is the time when you learn to sensitize ourselves to extend help beyond ourselves and learn the art of giving to society. We pay attention to building social skills and civic sense as no nation can rise with intelligent and talented youth without any sense of brotherhood.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Our NEP 2020 initiatives and programmes are considerably advanced.

We have extremely committed teaching, non teaching permanent and temporary faculty and staff. All have been focused on quality initiatives and worked in perfect unision.

We have established a highly integrated ICT enabled teaching leaning process for the students.

Highly evolved curriculum with more than 30 different certificate courses.

We are well ahead in integrating Industry 4.0 initiatives along the lines of integrating Science/Technology/ Engineering/ Mathematics (STEM) needs from industry. Our worthy MOUs have enabled us to send out a batch of 143 students with global certification from V. R. Jamdar Siemens Centre of Excellence Visvesvaraya Institute of Technology, Nagpur.

Evolved ecosystem for promoting research as well as innovative and creative ideas of students. We coordinated university AVISHKAR regularly and part of the university level comittee.

Teaching Learning and Research outcomes are commendable in our institution because we believe that doing research is learning.

Our brand identity is very good. Progression wise very high percentage of students are going into higher studies as well as jobs.

The institution has taken very strong green initiatives moving towards becoming ‘Atmanirbhar’ in power generation through solar energy system. We have a total of 90 kWp solar system out of which 75 kWp (35 kWp + 45 kWp) in the premises is procured through CSR from MEDA.

Excellent infrastructure with adequate rooms, sports ground, parking lots, Museums, Herbarium, Botanical Garden etc.

Successfully run Maintenance Department is our strengths.

We have saved gallons of water by installing flush less urinals in the boys' toilets. We were one of the foremost institutions in taking this initiative.

Effective and pro-growth Governance and leadership of a benevolent and participative nature is one of the important strengths of our institution.

Very high profile awarded staff is our one of the distinctive features.

Institution is renowned and acknowledge by local authorities by naming the Bus Stop, Metro Station after the name of the institution.

MoUs with world class companies such as Horiba India Ltd. V. R. Jamdar Siemens Centre give students unique opportunity to train at highly advanced global laboratories.

Institutional Weakness

- Our biggest nemesis during this cycle has been dwindling number of the faculty members because of the no recruitments government policies. We have 55 full time posts out of which 46 are lying vacant at the moment. The recruitment procedure is in progress and we hope to get permissions soon. The system is heavily dependent on clock hourly basis fraternity. However, every single faculty and staff member has worked indefatigably and without respite of any kind in the last five years to keep this enormous system moving forward.
- The main building of the institution is old and we need advanced infrastructure for doctoral research centers.
- The furniture is of old style and the typical theater style seating of classroom at times poses inconvenience to the students while doing group activities.
- The institution does not have a very high number of computers but post lock down period of COVID 19 a very good number of our students have procured their own laptops and hence inconvenience of low student to computer ratio got negated.
- No financial support for horizontal growth of students, hence, it becomes very difficult for tribal students to opt for a good number of certificate courses.
- Scholarship amounts of the students are remitted very late in most cases after the end of the sessions, hence funds cant be used in time for desirable purposes.
- Communication skills of the students are very low and two years of COVID pandemic has affected them badly.
- Another weakness of the institution has been the tapering of financial support from UGC, however, our faculty members have submitted four projects to DST and the results are awaited at this time.
- A good number of doctoral students have been awarded Ph.D under the guidance of supervisors from our institution however, low recruitment during this spell has affected that output badly and marginalized our chances of growth in the area of research.

Institutional Opportunity

- Being one of the most NEP ready institution with Industry 4.0 and STEM initiatives the institution can take firm stride to become an institution with potential for center of excellence.
- We have great opportunity to start dual degree programmes in association with the renowned institutions in the vicinity area.
- We have opportunity to establish tie ups with foreign universities.
- The institution has opportunity to set up research center for tribal studies and IKS.
- The institution has opportunity to set up a proper full fledge cell for international students and study abroad programmes.
- In view of NEP 2020 we can become cluster leaders for other institutions.
- We have opportunity to develop a special language for soft skills laboratory as well as a training come authorized center for GRE & TOEFL and other such examinations.
- We can become NAAC mentors for non accreditated institutions as per the UGC Paramarsh or Govt of Maharashtra Paris Scheme.
- We have opportunity to add more multidisciplinary and interdisciplinary courses involving branches from Enginnering and Technology.
- We have opportunity to becom one of the first institutions that has evolved a new channel for mathematics students who navagitated through add on courses such as python, latex and simulation.

Institutional Challenge

- Smooth transition to the new system as per NEP 2020 is a challenge though some of our platforms are already in place.
- Explaining the NEP 2020 to the students is a challenge. Helping them make correct choices for their life and career is a massive challenge before the admission committee advisors.
- Large number of students in one section is a challenge. Improving on outcomes beyond a particular level without fulltime faculty is a challenge.
- Generating gravity in students right from the first semester of B.Sc is a challange. Many of them do not take first year seriously and end up scoring less. Many good companies like HCL want very high percentage right from the beginning and students with shorter percentage than expected can not reverse thir first year performance.
- Adjusting workloads of faculty members as per the new Maharashtra Govt GR releted to NEP is a massive challange.
- Orchestrating and uploading the compiled dossiers comprising more than ten thousand pages to support the claims we have made in all the seven criteria of the SSR has been a great challenge for the IQAC.
- Collecting proof of employment from the pass out students was a challenge for a small number of faculty members.
- Successfully engaging students merely with the help of small number of faculty members has been challanging.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Our institute has developed very advanced programmes during this cycle. Along with the core courses from the university we offer a highly enriched template of add on/ certificates/ value added and online programmes like MOOC.

We have more than 95 % students enrolled in different certification and diploma courses that complement the core university courses. Abundant academic pliancy is one of the best benchmarks we have attained during this lap of accreditation.

In addition to approvals from the UGC and R. T. M. Nagpur University, Nagpur, we conduct a very good number of certificate courses that are approved by the global level institutions such as IIT Powai under Spoken Tutorial Project; and by Visvesvaraya Institute of Technology, Nagpur, under its V. R. Jamdar Siemens Centre of Excellence.

Our awardee educational processes vouchsafes for the brilliant exuberance of the vision and mission of the institution.

This year Six Departments of our institution have representatives on the six different Boards of Studies along with one on the academic council of the R. T. M. Nagpur University, Nagpur, what can be seen as a rare achievement for any institution.

During the lockdown period we encouraged our students successfully to come up with online solutions for submissions of assignments. We handled online and hybrid mode innovatively for certificate courses and other educational activities. Interdisciplinary Certificate course titled Excel for Banking and Accounts is our successful course designing venture. Similarly, our efforts for Jewellery Designing and Making has been extraordinarily successful as can be seen from the outcome.

Curriculum of Institution accommodates needs to sensitize both boys and girls on professional ethics, gender, human values, Health environment and sustainability. Plagiarism is one of our focus areas to cultivate awareness about professional ethics.

Our other activities pertaining to gender sensitization, human values, environment and sustainability are well supported by our NCC, NSS, Women Cell, and by an awardee Rotaract Unit. Our efforts during extremely excruciating second wave of COVID in the city has been lauded and appreciated by Mahatma Gandhi National Council of Rural Education under the Ministry of Human Resource Development, Govt. of India.

Teaching-learning and Evaluation

Teaching Learning and Evaluation processes of our institution reflect an absolutely robust and transparent convergence of Knowledge, Skills and Values. While keeping our ardent focus on experiential learning we do use a wide variety of pedagogical methods depending on the needs of the students. We make immense efforts to give opportunity to create and innovate engaging wisdom thus generated through our processes.

At the induction programme itself, we give very clear ideas to the students about the internal as well as university examinations rules evaluation methods, Certificate courses requirements and methods of evaluation and procedure for revaluation.

IIT Powai under IIT Spoken Tutorial Project adjudged as the best in the Western Region in making an

outstanding contribution in integrating ICT into teaching learning process through floss and mooc. Our teaching learning processes are further enriched by Industry 4.0 initiatives and reflect a worthy blend of Science/Technology/ Engineering/ Mathematics and STEM and Aesthetics as well. Our students have received 1155 (IIT) + 1473 (RTMNU) +240 (VRJ Siemens Centre of Excellence, VNIT) hours training through approved certificate courses.

Our initiatives of supporting students to develop software, write research papers along with the faculty members is very indicative of how we accommodate innovation, creativity and research skills of students.

Quite an excellent number of student centric activities such as field visits, Surveys, ppt competitions, seminars, group discussions, project works conducted by each department to ensure holistic development of students. Our botanical Garden, Museums, Vermicomposting project, Apiary Project, Fisheries Project etc. are some of the projects of our campus that enhance experiential learning opportunities for the students in innovative ways.

We organize interface with very renowned and distinguished scientists of India to inspire our students. We counsel our athletes and sports person on nutrition, health, hygiene and conduct special sessions on aerodynamics for archers to boost their performance.

Our teaching learning processes reflect all round problem solving for the different needs of the students, how we have taken an excellent advantage of our geo positioning and situational vicinity with top class national institutes producing a perfect ambiance of growth and career progression.

Research, Innovations and Extension

All the departments of our institution are involved in doing research. Over all our faculty members have published a total number of 78 papers. Out of these 21 are in Scopus/ Web of Science /UGC Care-Listed journals. Our faculty members have 3 patents and 1 copyright in this cycle.

During this cycle we focused on involving students in research and systematically built profiles of the research oriented students. There are two good publications of our students based on the work they did on the vermin composting project.

We providing early grooming in research ethics by creating awareness about plagiarism and IPR. Every year some of our activities without fail are related to IPR and we have conducted National level seminars on IPR.

We made efforts to send students as research interns to VNIT and during this cycle 05 students of microbiology were selected as research interns in the Microbiology department of the prestigious VNIT.

We have a well-established consultancy policy under which we have signed an MOU with Minex. The MOU has paved a way for the most befitting outcome in the form of a publication of the paper authored by Lt. Dr. Ambekar, in the well-known Industry Magazine.

Even during the NSS camps certain research cum experiential learning activities are conducted by our departments in rural areas in order to generate awareness as well as offer training to the students.

We do not limit ourselves to our college. We participated in the special project titled Nutan Avishkar Vichar in Nagpur (NAVIN) jointly organized by Vigyan Bharti, VIA and Raman Science Centre to provide an ecosystem

for innovation and creative ideas of students in the region. A total **85** students participated with their projects in the programme and VIA paid the memberships fees of the innovation centre of the Raman Science Centre, Nagpur, for one year.

The institution also conducts worthy activities such as Sickle cell testing and identification, Cyber awareness in association with Quick Heal Foundation, Melghat support programme and have won special appreciations.

Infrastructure and Learning Resources

The college is easily accessible by road, metro or by bus. Lush green sprawling campus of 5 acres having total super build-up area of the 8706.4084 Sq.Mt. gives the institution a very special identity.

Infrastructure and ICT facilities:

- 05 - ICT enabled classrooms
- 01 – Auditorium
- 01 – Mini Auditorium
- 02 – Smart Class Rooms
- 01- Conference Room
- Adequate Internet connectivity through WiFi, broadband and optical fiber services

- 114 computers and laptops maintaining students' computer ratio at 8:1 which falls in the category of 5 to 15:1 as per the newly announced benchmarking by NAAC.

- 15 -Fully equipped modern laboratories including computer labs

- CCTV High resolution Camera
- Well-maintained Botanical Garden
- Unique Museums in Botany and Zoology Departments with a rich and rare collection of specimens.
- Well-maintained fisheries & dragon moth breeding tank
- Composting Tanks
- Artificial beehive is installed on the college campus as part of our green initiative.
- Massive Solar Energy System of 50kWp + 40kWp =90 kWp
- Separate Parking Lots for Four Wheeler and Two wheelers
- Electric Charging facilities for vehicles
- Sensor facilities at necessary places.

Indoor and outdoor sports facilities:

- Football, Cricket ground
- Archery ground
- Volleyball ground
- Basketball courts
- Gymnasium & Yoga
- Boxing, Karate Open air training areas.

Support facilities:

- Maintenance Department of the Institution
- Microsoft Teams LMS, Zoom
- ERP Software to simplify the admission process and fees collection
- Pure and safe drinking water
- Washrooms and Girl's common room
- Dharampeth College Credit Cooperative Society for Employee
- Canteen
- Fire and safety mechanism
- Flush less Urinals in toilets

Enriched library with:

- LIBMAN – Fully automated library software (ILMS)
- 20,000+ - Reference and text books
- 16- Print Journals
- 02- e-Journals
- 14 –Magazines
- 19 –Newspaper
- NLIST
- Inter Library Loan (ILL), Barcode Reader and reprographic services
- Highly useful digitalized old documentaries was a special project during this cycle.

The institution has a full-fledged Maintenance Department run by the Vocational Department and was appreciated by the NAAC Peer Team.

Student Support and Progression

Student-Support and Progression is one of the warm concerns for us. All the government support schemes for scholarships are executed with hundred percent success for the students. In addition to that our students are given financial assistance by the faculty members.

Our skill development and capacity building initiatives are one of the finest ones because of our MOUS/Linkages and Associations with IIT Powai and VRJ Siemens Centre of Excellence, RTM Nagpur University Nagpur, Horiba India Ltd. etc.

We ensure that students indicate progression in their skill set, digital competence, cultural sensitivity and growth as individuals through the influences of renowned researchers and scientists. We improve their communicative skills, life skills, researching aptitude and skills, employability skills by way of different courses, activities and projects.

Our students have displayed their merit and have won laurels at several levels. Sports achievements of Ms. Janhvi Kadu and Ms. Priya Sarve are at the national level and extraordinarily commendable. Excellent support for the talented archers is available in our institution.

For the students who are interested in Civil services we have initiated special certificate courses for the competitive examinations. We conduct application filling and training sessions for the students. In recent years there is a regular trend in clearing IIT Jam, NET, SET examinations and our students have cleared these

prestigious examinations.

Our grievance cell dealt with examination related issues of students very efficiently and promptly. In addition, we also have cells to deal with harassment or ragging related issues as per the rules and regulations.

We believe in early identification of interest so we conduct several career counselling programmes for students and our alumni also play vital roles through special interaction sessions with students. Alumni extends support in placement and promoting research talent of the students.

In nut shell we provide support to the students through various ways and have evolved holistic support system for students and pass outs. We have strengthened ourselves in several ways and today run one of the highly advanced programmes in the university making it very easy for the students to emerge at the global level.

Governance, Leadership and Management

Transparency, responsibility, accountability and participative nature are cardinal points of our institution for ages. Our institution has won accolades for good governance from the university because of its reflective nature. The governance of the institution is decentralized, participative and in cohesion with the vision and mission of the institution. All the records of the Management Committee, CDC/LMC meetings are properly maintained. We execute our plans and activities through number of committees, HoDs, faculty and staff. Our data collection is very well orchestrated and every single individual including the administrative and non-teaching staff is involved in the different processes of NAAC.

Top Management of the Dharampeth Education Society is involved and very vigilant about the functioning of the institution. In most of the events the office bearers and members of the management are present.

Management regularly conducts internal audit of the institution through an outside agency and ensures transparency in financial matters. Purchase powers are well defined and all the purchases and expenditures are made accordingly with due procedures. Every member of the staff has excellent sense of belonging for the institution and it is because of this we could easily manage the vacancy crisis which is one of the major issues pan India. It is because of a great sense of responsibility, accountability and dedication on the part of employee of the institution we are one high coherent, target oriented unit. There are excellent performers at every level right from the top to the bottom who won accolades for the work.

The institution has excellent rapport with outside institutions including schools, university and government corridors, NGOs, Industries etc.

The IQAC of the institution has been very meticulous in building documentation and maintaining records in the DVV formats since long time.

The IQAC has closely monitored the different educational processes and has taken necessary steps where ever required. IQAC reviews all the educational processes and proposes quality initiatives.

IQAC encourages heads and every faculty member to review teaching and learning processes, course curriculums and methodologies, outcomes and records incremental improvements of various activities.

Institutional Values and Best Practices

Genuine efforts to produce socially responsible citizens is one of the founding principles of our institution. We celebrate the foundation day of the society as *Samajik Janiv Diwas* and on that day expatiate elaborately on the sacrifices made by the founding fathers of our institution. Immensely committed management, faculty and administrative staff has given their all for this institution and as a result in a span of 54 years the institution has produced glorious students who have made their presence felt in every sector of life.

Padmshree Dhananjay Sagdev was the student of our institution in the year 1973. At the appropriate time our students' mustered courage and rise to the occasion. The most appreciated noble act by them is identifying vacant beds for patients during the most menacing second cycle of COVID -19.

We are a co-education institution and we promote both the genders equally well. We have presence of girls on number of student committees in some cases they also are given lead roles. Our trust in the abilities and capabilities of girl students proved true when our women athletes represented us at the national level several times.

We cultivate civic and social values through events like *Samajik Janiv Diwas*, Constitutional Day, Yoga Day, Republic Day, Independence Day, Blood Donation Camps, tree plantation programmes, Sickel Cell detection camp, Melghat Assistance Project etc.

The institution is Atmanirbhar in producing electricity through the massive solar power generation plant installed on the roof tops of all the three buildings on the institution. We promote use of electricity vehicles and free charging points facility is provided on campus. Ramps, wheel chair, parking lot, ABRAR software facilities are available for the Divvyng fellow students. We process solid, liquid, biomedical waste, hazardous chemical waste in eco-friendly ways.

Our institution has almost **90** different highly internalized Best practices. Almost all of them are special for us as they cater to the needs of students.

The outcomes of our Green Initiatives primarily conducted the vermicomposting project and integration of ICT in the process of teaching and learning are praiseworthy and unique on our campus.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DHARAMPETH M.P. DEO MEMORIAL SCIENCE COLLEGE
Address	Near Ambazari Lake, North Ambazari Roda, Nagpur
City	NAGPUR
State	Maharashtra
Pin	440033
Website	www.dharampethscience.com

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Akhilesh V Peshwe	0712-2241372	9422313334	0712-2241125	principal_dsc@rediffmail.com
IQAC / CIQA coordinator	Pitambar T Humane	0712-3553431	9970468635	0712-2241125	iqacdsc2022@gmail.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

State	University name	Document
Maharashtra	The Rashtrasant Tukadoji Maharaj Nagpur University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	22-03-2002	View Document
12B of UGC	22-03-2002	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions	
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

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Near Ambazari Lake, North Ambazari Roda, Nagpur	Urban	5	8896.3

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Science	36	HSSC	English	744	513
UG	BSc,Home Science	36	HSSC	English	360	59
UG	BSc,Computer Science	36	HSSC	English	216	196
PG	MSc,Mathematics	24	B.SC. MATHEMATICS	English	44	41
PG	MSc,Chemistry	24	B.SC. CHEMISTRY	English	22	16

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	0				0				55			
Recruited	0	0	0	0	0	0	0	0	4	7	0	11
Yet to Recruit	0				0				44			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				3			
Recruited	0	0	0	0	0	0	0	0	1	2	0	3
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				21
Recruited	10	2	0	12
Yet to Recruit				9
Sanctioned by the Management/Society or Other Authorized Bodies				4
Recruited	2	2	0	4
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				49
Recruited	19	5	0	24
Yet to Recruit				25
Sanctioned by the Management/Society or Other Authorized Bodies				7
Recruited	7	0	0	7
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
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	4	6	0	10
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	1	0	1
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
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	2	14	0	16
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	12	12	0	24
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	6	10	0	16

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	296	4	0	0	300
	Female	463	5	0	0	468
	Others	0	0	0	0	0
PG	Male	15	0	0	0	15
	Female	42	0	0	0	42
	Others	0	0	0	0	0
Diploma	Male	32	0	0	0	32
	Female	99	0	0	0	99
	Others	0	0	0	0	0
Certificate / Awareness	Male	267	4	0	0	271
	Female	410	5	0	0	415
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	57	64	62	62
	Female	93	112	105	102
	Others	0	0	0	0
ST	Male	22	21	11	19
	Female	35	35	28	29
	Others	0	0	0	0
OBC	Male	168	161	149	144
	Female	269	334	329	307
	Others	0	0	0	0
General	Male	75	80	64	61
	Female	96	120	137	153
	Others	0	0	0	0
Others	Male	33	38	41	35
	Female	53	64	51	59
	Others	0	0	0	0
Total		901	1029	977	971

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>We have well delineated multidisciplinary/interdisciplinary paths for our Biology as well as Mathematics group Students. We have already started taking initiatives in response to the increasing demand for the Science/Technology/ Engineering/ Mathematics (STEM) qualifications from industry. We have made efforts to integrate Medicine and Aesthetics into our curriculum along with STEM. One such initiative is the certificate course entitled Excel for Banking and Accounts that up skills our students for Banking and Accounts Sector. In addition to this, we have made attempts to integrate principles of Ayurvedic nutrition in the PG diploma proposal of Sports Nutrition submitted to the</p>
---	---

university. We are one of the rarest of affiliated institutions in R. T. M. Nagpur University as well as in India who paved an innovative career path for the B.Sc. students through an MOU with the V. R. Jamdar Siemens Centre of Excellence, Visvesvaraya National Institute of Technology, Nagpur. Our B.Sc. students now get admission for the courses under Industry 4.0 initiatives designed at the Visvesvaraya National Institute of Technology. The skill development courses are conducted in highly advanced global standard laboratories of the VRJ Siemens Centre such as: 1. CNC Lab 2. Smart Factory Lab 3. Robotics Lab 4. Production Design and Validation Lab 5. Test and Optimization Lab 6. Advanced Manufacturing Lab 7. IOT Lab 8. Automation Lab 9. Process Instrumentation Lab 10. Mechatronics Lab 11. Reverse Engineering Lab. Choices for the Mathematics group students are: PCM, PME, PSM, PCOM, SCOM, ECOM, PSCOM are abundantly complimented with the addition of these global level courses. The combinations available for Biology group students are CBZ, CBM, and CZM. In addition to these there are diploma as well as certificates in Bioinformatics, Mushroom Cultivation, Vermi- Composting, Vermi Culture, Fresh Water Fish Culture, Excel for Banking and Accounts, Bioinformatics. The multidisciplinary/interdisciplinary nature of our curriculum is further enhanced by the certificate courses such as: Communication skills and personality development, developing computational skills using software packages and online Google tools, Vedic Mathematics, Latex, IoT Devices, Excel for Banking and Accounts and Skill development in Competitive examinations approved by the Department of Lifelong Learning and Education R. T. M. Nagpur University, Nagpur. In association with the prestigious IIT Spoken Tutorial Project IIT Mumbai we are offering courses such as Libre office Suite, Arduino, RDBMS, C and CPP, Inscap, HTTP, PHP and MYSQL, Blender, Drupal, Bio-python. Further under our MOU with Production Modelling India Ltd. we have started training in simulation. Student participation in these skill, up-skilling courses has constantly been on the rise and has reached to more than 95 % of the totally admitted students. In the upcoming session the rich gamut of courses is going to be further strengthened with a PG

	<p>diploma in Sports Nutrition. The package to our UG student Shri. Balkundi of about Rs. 800000 /- (Eight Lac); startup venture of Shri. Vinay Mathure giving jobs to 9 employees are indicators of an outcome based robust system producing right impact in preparing students for the new age.</p>
2. Academic bank of credits (ABC):	<p>We have taken excellent initiatives regarding the ABC registration and majority of our students have generated IDs on the UGC portal of Academic Bank of Credits as per the directions of the government. It is a matter of pride to put on record that the principal of the institution was invited to be part of the committee to design credit structure for the certificate courses approved by the Lifelong Learning and Extension department of R. T. M. Nagpur University, Nagpur. All our courses approved by the Lifelong Learning and Extension Department of R. T. M. Nagpur University, Nagpur; IIT, Mumbai; VNIT, Nagpur are credit based.</p>
3. Skill development:	<p>Skill development: The institution has a well laid out plan for skill development of students. We make efforts to enhance students' competence in several areas such as: employability skills, entrepreneurship skills, innovation and creative thinking skills, digital skills, social interaction skills, life skills, leadership skills, communication skills, teamwork and independent thinking skills, sporting skills, aesthetic skills etc. Curricular, Co-curricular and Extracurricular Skills are developed in several ways as follows: NSS & NCC: The institution has very renowned NSS and NCC units. The students' leadership skills are developed in both these units. Our students through the units go to different camps where they learn about leadership as well as teamwork both. They get insight into society and do connect with the social and rural issues and conduct awareness programmes at the camp sites. Rotaract Club: The college Rotaract club is one very special training programme on our camps where Students with social bent of mind voluntarily organize community development activities. Members have shown great valour and extreme sense of citizenship through their act during the second unnerving phase of COVID-19. Entrepreneurship Development & Career Counselling: Number of activities and programmes are conducted on campus to motivate talented students to develop their entrepreneurship</p>

	<p>skills and constant career counselling is provided to them. It is a matter of pride for us that our students during the COVID -19 accepted the challenge of submitting assignments online during the lockdown periods and developed an online portal themselves on the OTT platform. Employability Skills: We have well in advance changed gears to make our students highly employable in view of the STEM needs from industry. There is a wide repertoire skill development, up skilling and add on courses offered through our MOUs with highly esteemed renowned institutions of the country such as IIT, Mumbai; VNIT, Nagpur and world class industries such as Horiba India Ltd. Debating, Presentation Skills and aesthetics skills: The college hosts number of renowned competitions to cultivate these skills not just in our students but also in outside students too. Our Scientific Rangoli, Microbial Smiles, PPT presentation, poster making, and host of competitions organized by Home Science Department are for examples that exhibit unique fusion of knowledge of science and innate sense of aesthetics of the students. Management and Decision-Making Skills: We have students both boys and girls equitably represented on different committees and decision-making bodies. Students are part of department level association, cultural committees, and other important bodies where they take initiatives and part in the decision-making process. Skills for Competitive Examinations: We conduct Vedic Mathematics classes and special sessions to hone students' knowledge in subjects such as Political Science, Sociology, and History etc. We have initiated these activities to cater to the needs of students interested in competitive examinations. Sporting Skills: For physical ability enhancement we offer counselling on nutrition and diet to our sportspersons. We conduct aerodynamics sessions for archers to give them insights on relevant concepts of physics.</p>
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	<p>Our B.Sc. Programme does have three Indian Languages as options at the entry level. They can select one language out of Hindi, Marathi and Sanskrit. Students do get to acquaint with the Indian Knowledge System through these subjects. However, one of our fantastic initiatives is to teach Vaidic Mathematics to the students in order to acquaint them with the Indian knowledge System and demonstrate</p>

them how it becomes convenient to use the Vaidic Principles in a split of seconds while appearing for competitive examinations. We have made efforts to develop a special integrated programme in concepts of Nutrition in Modern Dietetics and Ayurveda. Our proposal is ready and in process for approval. We developed a sports nutrition programme where the Ayurvedic concepts are also integrated for the benefit of sports persons in the approved PG diploma from the Lifelong Learning and Extension department of the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. This is going to be a unique programme for sports person strongly based on Indian Knowledge System. The institution has undertaken a project to develop an online course in tribal language with IIT Mumbai Spoken Tutorial to generate resources for the tribal fellow citizens, involving students from the tribal region who have sought admission in our institution. The aims, objectives and the outcome have been approved by the IIT Mumbai Professor Kannan Moudgalya, who is the originator of the IIT Spoken Tutorial Project.

Teaching in Indian Language: The teaching fraternity use mother tongue or Indian languages in class depending on the needs of the students. Students also get to opt for Hindi, Marathi and Sanskrit as second language of choice in addition to English. These options bring in content rooted in cultural connections and context. We celebrate Matrubhasa Din, Sanskrit Din and Hindi Diwas on our campus bringing home to students the important role of mother tongue or native languages. Every year different competitions are arranged for the Sanskrit Bhasha Din. Subhashit competition was organized to convey the values of life through them. The college publishes magazine in English, Hindi and Marathi languages in order to widen the scope of creative writing for larger number of students. Further, we also explored the campus reporter project of Maharashtra Times under which a student from our campus would report events directly to the well-known daily Maharashtra Times.

Culture: The institution has a regular cultural committee that has teachers and students as representatives. Cultural programmes are organized every year. Students present dances and performances representing the rich cultural diversity in our country. Dances, Dramas and One Act Plays, skits in local and native language are promoted. The college drama/skit team enacted a

	<p>skit in mother tongue to create awareness regarding the importance of voting on the Voter's Day programme. The local administration has always taken a due note and appreciated our presentations.</p>
5. Focus on Outcome based education (OBE):	<p>Our teaching fraternity is well aware of the diversity of input and variety of learning needs of the students. In order to accommodate the different learning needs of the students all the departments use a wide variety of pedagogical methods. In order to procure high quality outcome special focus is given to experiential learning methods. Every department has conducted a large number of activities in order to ensure efficient delivery of content in the classroom. We have always utilized feedback from the stakeholders very efficiently to improve outcomes of our courses and programmes. Our corrective methods have produced desirable outcomes in case of several of our curricular and cocurricular initiatives. For instance, the computer science students were not being able to use their knowledge of computers and software when it came to working in a banking sector or in an accounting firm. The feedback we received regarding a particular handicap of our students from the auditors of the institutions in one of the feedback sessions was highly efficiently used by the college to develop an approved certificate course. In order to improve the outcome of our sporting activities we conduct special counselling session in nutrition for the sports persons. The performance of our archers improved because of special sessions in aerodynamics from the Physics department. Our outcomes are highly effectively mapped with the present STEM needs of the industry. Our special training in industry 4.0 initiatives have shown tremendous improvement in the students' performance and confidence. The extremely special achievements indicating high quality outcome of our processes are that this year the undergraduate student got placed in the Axis bank with a package offer of 8 Lacs. At a B.Sc. level, a student receiving a high salary package in a campus interview is a benchmark, well above the offers that many engineering students would get in the present scenario. Another special achievement is that the success story of our student got selected by the IIT spoken tutorial. The story was about how IIT Spoken Tutorial courses done from our institution helped the student in her career</p>

	<p>progressions. Another of our student got picked by Infosys recently. Our educational processes provide adequate opportunity to students who are innovative and creative. Two our students who developed a portal got offers from DRDO. The way we involve students in the vermi composting project has also produced brilliant outcome as researchers. The student jointly with the faculty members have published two papers based on their work in the vermi composting project conducted in our college. Our students on the academic side appear in the university merit lists. Our sports persons have also won amazing accolades at the national level. The research outcome of our institution is also worthy. We have excellent faculty profiles and teachers have received patents and copyrights for their work and have a very good number of indexed publications.</p>
6. Distance education/online education:	<p>Our institution has a very good experience of using Distance Education and Online Education modes of teaching. We have an approved A grade Yashvantrao Chavan Maharashtra Open University centre running a PG and UG programmes. During the lockdown period we took the initiative to conduct our own certificate courses approved by the university online very effectively. One of the most endearing outcomes was in fact from the Jewellery designing and making certificate course that we shifted to the online mode during the lockdown period. Students not only designed and learnt jewellery making but also managed to market and sell their products through the online portals. The success of this was appreciated and lauded by all. We are one of the finest of institutions in the western region in integrating ICT into teaching and learning. IIT Mumbai has specially appreciated our outstanding performance in the western region in integration the ICT platform using FOSS and MOOCs. We shifted our teaching learning process to the online mode during the lockdown period and conducted evaluation process. The university online examinations were also handled with dexterity by our faculty members. We resolved grievance of students related to the online examinations with lot of alacrity and satisfaction. We organized several online programmes including conferences and seminars. We very successfully organized the interface with highly acclaimed and renowned scientists of India Hon.</p>

Shekhar Mande, DG of CSIR and Prof. Shivprakash, IISC Bangalore in hybrid mode on topics 1. Conservation of Rivers, Research Opportunities, and the Role of Stake Holders 2. Opportunities and Challenges in Science Education respectively. The institution used the lockdown period to generate lot of online resources that available on the college portal as well as the portals of the institutions who are members of our cluster.

Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College? The Electoral Literacy club has already been there in the institution since several years. Each year the members and the concerned faculty and staff conduct awareness drives and programmes to generate awareness in students and people in the vicinity areas. The college has two coordinators to organize and conduct awareness activities. Skit Presentation is one of the best practices of the Electoral Club. In addition to this the college NCC and NSS units also conduct activities related with Electoral Literacy. The student members of the Electoral Club: 1. Shri. Aniruddha Ashtikar 2. Ku. Shreya Joshi 3. Ku. Arpita Joshi 4. Ku. Sai Deshpande 5. Ku. Asavari Kulkani 6. Shri. Darshan Khirekar 7. Shri. Sudhanshu Jichkar 8. Shri. Karthik Wahale 9. Ku. Jangvi Petkar 10. Shri. Yash Wagh 11. Ku. Renuka Khanzode 12. Ku. Shubhashree Joshi 13. Ku. Vaishanavi Shobhane</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>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? The club activities are coordinated by the faculty members Mrs. Priyanka Ganorkar and Shri. Shailesh Valde. Along with the faculty members our administrative and non-teaching staff also play a role in the campaign. The club was functional even during the lockdown period and attempted an online skit presentation. The student members of the club is a mixed group picked on the basis of interest in drama and skit performances. Both boys and girls are members of the group. Mrs. Priyanka Ganorkar from our institution is invited</p>

	<p>every year by the election office to organize and present a skit. She represents the institution and every year she is felicitated for her unique presentations. The Powada (Ballad Song) she presented to popularize the election voter list campaign was highly appreciated by the authorities. Shri. Shailesh Valde along with other faculty members of the administrative staff conducts a drive every year to enrol eligible students in the voter list. Our drive for enlisting voters has been one of the highest this year. The faculty members Shri. Shailesh Valde, Mrs. Priyanka Joshi were felicitated by the district elections officers especially on the Voters Day Celebrations. It is a matter of great pride for us that our non-teaching faculty member Shri. Jeetendra S. Wankhade received the best BLO award in the year 2022.</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>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. Our students were very innovative in presenting activities related to the campaign. Each year they came up with skits and ideas suitable to the theme of the Election campaign. They even integrated awareness for transgender and other people in general in the scripts of their skits. Sr. NO Theme/ of the Skit/Street Play/Activity Year 1 Street play on the theme: Accessible Elections (https://youtube.be/TC2LctOuo7o) - 2018 2 Street Play on the Theme: No Voter to be Left Behind - 2019 3 Street Play on the Theme: Electoral Literacy for Stronger Democracy -2020 4 Street Play on the Theme: Making Our Voters Empowered, Vigilant, Safe and Informed - 2021 5 Street Play on the Theme: Making Elections inclusive (Transgender, Commercial sex workers etc.) This year Mrs. Priyanka Ganorkar also presented a 'Powada' (Ballad Song) on the same theme as above - 2022</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research</p>	<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research</p>

<p>projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc. Every year we organize a special programme to hand over the voter ID cards to the applicants that have been processed through us. Then Deputy Election Commissioner of Maharashtra Shri. Shirish Mohod specially visited our institution and was present for one such event. The content of the street plays and Powada are developed by our college team. Mrs. Ganorkar is the script writer for the Powada and plays and she also directs the street plays.</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>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. The institution conducts special filling up of form on 6 drive for enrolling the eligible students in the voters list. This year the faculty members conducted form filling and documents collection session in a very organized way in two rounds. The total collected form 256 of eligible students were submitted to the district election administration.</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
901	1029	977	971	899

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2 Teachers

2.1

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

Response: 18

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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
13	16	16	16	18

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
44.71918	23.477673	51.43302	56.18732	30.60974

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:

On the basis of University academic calendar IQAC organizes meeting and designs academic calendar, timetables of the college in the beginning of the session. Workload and responsibilities are decided by the respective HoDs of the departments. We include tentative schedules of different events, student centric curricular and co-curricular activities, class tests, practical examination etc. Clear instructions are given to the students at the induction programme regarding their batches, timetables, syllabi and curriculum. We accommodate students' choices for the Certificate Courses as much as possible.

In order to ensure effective delivery of curriculum we use conventional methods as well as other teaching methods like quiz, group discussion, demonstrations, PPT presentations, projects, industrial visits, assignments, student seminars, videos, charts and models, visit to special science exhibitions. During the menacing COVID times our faculty members quickly shifted to the online modes and produced resource material useful to students of the institution as well as beneficiaries of other institutions. All the teachers used Microsoft teams, Google meet or zoom platform for teaching and the exams were conducted using Google forms.

Before delivery of the curriculum we make efforts to understand students' levels and conduct bridge courses, aptitude tests wherever required.

There is adequate room for students to hone their innovative and creative skills in our curriculum and some of our students have made remarkable achievements.

One of the unique achievements of our institution is that six boards of Studies and academic council of the R. T. M. Nagpur University, Nagpur have members from our institution hence feedbacks on syllabi are directly discussed in the BOS meetings of the University.

Our real strength of the integrating the ICT with the teaching learning processes has been specially appreciated by IIT Bombay in the year 2022. The institution is adjudged as one of the best in Western Region of India in 2022 and was felicitated in a programme at IIT Bombay.

We have effectively bolstered the curriculum with 1. UGC approved courses; 2. Courses from IIT Bombay under Spoken Tutorial Project; 3. Courses approved by the Department of Lifelong Learning and Extension of R. T. M. Nagpur University, Nagpur; 4. Vishram R. Jamdar Siemens Center of Excellence, Vishveshvaraya Institute of Technology (VNIT). Industry 4.0 initiatives have culminated into one of the highly effective and result oriented programmes for B.Sc. Students in the entire Vidarbha region. Our curriculum as per our vision and mission very contemporary and capable of producing globally competent candidates.

Through our very prestigious MOUs, we have developed number of certificate courses that have contributed to the evolution of highly advanced programmes. Our faculty members designed syllabi and curriculum for number of courses approved by Lifelong Learning and Extension Department Under Jeevan Shikshan Abhiyan of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. Our courses are of multidisciplinary and interdisciplinary nature and reflect a highly useful blend of Science/Technology/Engineering/ Mathematics/Medicine or Ayurveda and Aesthetics as per the present needs of the industry and corporate. Strong Industry connections are evident in the curriculum of our programmes.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

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

Response: 56

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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: 46.6

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
901	1029	174	62	60

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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:

Professional Ethics:

We organized workshops and conduct FDPs in order to keep the awareness regarding professional ethics high on campus. IPR is one of the measure focus areas to cultivate academic ethics in students. We organized a special FDP on topic “Professional Ethics” as a cluster activity in association with another institution.

Gender Sensitization:

We have a special cell that conducts various awareness programmes on issues such as: Women Security and Gender Equality; Women’s rights and responsibilities; Health Check-up Campus; Working women: issues and challenges; Gender stereotypes as seen in early childhood; Holistic Wellness of Women, “General Awareness programme on woman’s Holistic Wellness”; Intercollegiate Greeting Card Making Competition; Group Discussion on the topic on ‘Gender Bias in Portraying Women in Advertisements’ etc.

Human values:

Value addition committee of the college organizes activities oriented towards holistic development of students confirming the vision and mission of the institution. The committee has organized activities such as: *Parakram divas*- (birth anniversary of late *Shri Subhashchandra Bose*); *Digvijay din* (the day on which Swami Vivekanand deliver a lecture at Chicago); *Mahama Gandhi Jayanti*, *Ambedkar Jayanti*, and many more were celebrated.; Foundation day of the Dharampeth Education Society is celebrated as ‘*Samajik janiv Divas*’; International Yoga day; Guru-pornima , Shiv Swaraj din, Youth day. Reading day international disabled day (Divyang din) *Vyasan mukti* awareness program.

The valiant leadership and social commitment displayed by Rotract Club of the college members during the menacing covid times were noticed and appreciated by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, and Ministry of education Government of India For social cause. This supreme service to the suffering humanity then was lauded by the principal and management and top Rotarians of Nagpur and Maharashtra.

Environment and Sustainability:

Institute promotes environment friendly practices. We have installed massive solar panels on each building of the institution; We conduct activities like vermicomposting and vermi-culturing for solid waste management; artificial bird nesting to preserve bird habitat; artificial beehive through zoology department. In order to eradicate and minimize the use of plastic Home Science department runs activities like paper bag and cloth bag making, e-waste management is looked after by Physics Department; NSS, NCC conducts plantation drives; The Rotract club of our college has shown outstanding performance in this arena the club has conducted cleanliness drive; Raddi paper donation; The club has bagged 13 districts

awards for their committed efforts.

Besides this theoretical and practical aspects of our curriculum reflects a decent integration of crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability to ensure all-round development of science students. The curriculum comprises

Environmental Studies, sex determination, IVF techniques which address gender discrimination issues; Women Cell activities; professional ethics and biohazards as covered in

Biotechnology and in Applied biology; water and waste water treatments, air and soil, renewable energy resource based on solar cell; Hydroponics, Ecology and Organic Farming are also covered in the curriculum; Child development, Extension and education are also a part of the curriculum.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

Response: 26.75

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

Response: 241

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 80.91

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
901	1029	977	971	899

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
1165	1165	1206	1184	1184

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: 99.9

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
583	580	603	592	592

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
583	583	603	592	592

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2 Student Teacher Ratio

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

Response: 69.31

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:

Experiential Learning

Experiential Learning is one of the major pedagogical methods used by our departments. Each department has developed learning activities unit wise to accommodate needs of all types of students. Some of our activities are categorized as follows:

Laboratory, Museums:

The college has well equipped laboratories museums and facilities such as Botanical Garden, rare herbarium sheets, Museums with rare exhibits, projects such as Vermicomposting, Fisheries, apiary etc. to cater to the needs of different learners. Museum exhibitions where students like teachers explain and give information on exhibits to the school children is a very popular, unique and effective programme on our campus.

Study Tours:

Botanical excursions, biodiversity study tours are arranged by the Botany department as an extension to classroom theory and practical sessions. We send students for field visits, visits to science exploratories, industries, hospitals blood banks, national laboratories like NEERI etc.

Camps or Exhibitions:

Blood detection camp, sickle cell identification camp, health checkup camp are arranged by the zoology department. Sickle detection is also done as an extension activity by the department.

Participative Learning

Guest Lectures:

In addition to regular guest lecturers our students experience the thrill of interacting with extremely high profile scientist of India. under the Golden Jubilee Lecture Series. Magnificent stalwarts like Hon. VC Prof. Vijay Bhatkar, Hon. Prof. Shivprakash IISC Bangluru, Hon. Shekhar Mande DG CSIR, Hon Prof. Shishir Deshpande IPER have graced our institution so far.

Workshops:

College arranges hands-on training or workshops for the students. Maintenance Workshop conducted by Physics department is one of the highly appreciated activities. Other departments like Home Science, Computer Science, Language also conduct workshops to enhance students' experience.

Competitions:

We prompt students to think out of the box through curriculum related competition such as scientific rangoli, poster, article writing, PPT, E- posters, Poetry, greeting card making, recipe making and skit competition. Scientific rangoli is one of the unique competitions

Seminars:

The institution has conducted seminars on several topics individually, department wise or in clusters with other institutions. Some of these involved a very high profile experts.

Problem Solving Methodology:

All industry 4.0 initiatives with Siemens center have problems based learning. We have ICT based simulation lab where problem solving skills of students linked directly with the industry are tested.

During covid we conducted an online course to teach jewellery design and the outcome was magnificent. We began Python realizing need to typing Mathematics paper in word file.

Through our MOUs with partners such as Production Modelling India Ltd. VRJ Siemens' Center of Excellence, IIT Powai we are successfully producing industry ready and highly employable candidates.

We invite renowned scientist Series and highly acclaimed researchers to trigger creativity and innovation of students on the occasion of Golden Jubilee Lecture Series organized by our institution.

Internship/ cyber awareness programs: We encourage and guide the students for doing the internship in private as well as government sectors. Electronic department has done a commendable activity in association with Quick Heal Foundation. Students also got internships in research projects.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

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

Response: 28.73

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
55	55	55	55	55

File Description	Document
Upload supporting document	View Document

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: 88.61

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
12	14	14	14	16

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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 college has a transparent and robust evaluation process. The internal assessment of students is done by the institute as per the directions provided by Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. Every teacher explains to the students the method of internal assessment that will be implemented and the scheme of marking the assignments unambiguously. The internal assessment is completed before the theory examination of the university and the marks are sent to the university before the commencement of the examination or later as per the university guidelines.

Continuous evaluation is made through Group Discussion, Unit Tests, Assignments Submission, Field Visit / Field Work and Seminars Presentation. Unit tests are conducted regularly. The weightage for the unit tests varies as per the concerned faculty member. The departments organize seminars for the students of second /third year. The topics are given by concerned teachers to prepare power point presentation (PPT). Error explanation sessions for guiding the student are conducted based on need and requirement.

Our faculty and students had to frequently adjust with the online and offline modes of examinations because of the COVID pandemic but faculty members ensured that all assessments are done properly and as per the norms and standards of the university and the institution. It is indeed a matter of great pride for us that during the COVID-19 pandemics our students of computer science under the guidance of Mrs. Ruma Kapre, developed an online portal to handle assignment and tests and they even resolved the issues and errors in the functioning of the program. Home Science department too conducted special sessions for students for the online examinations avoid their confusions.

A transparent, time-bound and efficient method for the grievance redressal is being followed in the institution.

Internal Assessments:

Immediately after the unit tests, the solution of the test along with question wise marking scheme is shared with the students within an hour after the test to maintain transparency and uniformity. During the COVID pandemic, tests were conducted in online mode. Mostly Multiple Choice Questions (MCQs) were given for the test on google form. The departments conducted test examinations and unit-tests. Average marks of the unit tests are considered upon verification by students. Any discrepancies reported are resolved by the faculty immediately.

Assignments:

Faculty evaluates assignments based on the rubric which is also shared with the students. The evaluated assignments are given back to students thus maintaining the transparency of the marks assigned and to resolve grievances if any.

Laboratory experiments:

The experiments are immediately evaluated by the faculty and the marks are assigned based on the lab rubric. The rubrics are given in the lab manual which is shared with the students before the experiments are

conducted. This provides a transparent way for students to reflect on their strengths and areas of improvements.

To handle the grievances of students during the examination our college constituted the committee, headed by Dr. Nitin Gaiwad. The committee worked extremely effectively and resolved all the issues of examinees.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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:

Our college has two university programs, B.Sc and M.Sc. Under B.Sc. programme 11 subjects are taught at UG level whereas 2 subjects are taught at PG level. The programme outcomes as well as course outcomes are followed as defined by the university. Students are informed about POs, COs and PSOs in the student's induction programs and also by the subject teachers at the beginning of the session. The POs and COs are reviewed in every session.

The affiliated nature of the institution gives us abundant opportunity to modify our curriculum boosting the already defined outcomes with unique certificate courses and teaching learning processes.

Understanding the gaps in university curriculum our faculty members designed this value added certificate courses. The outcomes of this certificate courses and programmes are in full consonance with the vision and mission of the institution and the parent body, Dharampeth Education Society. These courses help to increase awareness of technology advancement, improving employability skills and increasing the confidence level of students. Under Lifelong learning and extension deptt. of RTM Nagpur University Jeewan Shikshan Abhiyan different skill based certificate courses were implemented successfully. Feedback of the students is very promising. Namely Latex, BCS, vermicomposting, skill development competitive exam, full stack developer, digital marketing, IoT devices.

Under IIT spoken courses like Libreoffice suite, C and C++ many students have received Job letters. Highly internalized ICT into educational processes has boosted our attainment of outcomes.

The outcome of for example Jewellery Designing taught online is the best mark of our achievements and adaptability to situations.

PSOs, Cos for the Biology group at the undergraduate level are further enhanced by the quality initiative of add on courses approved by UGC in Bioinformatics and Mushroom Cultivation. The outcomes are further enhanced with a Diploma in Bioinformatics for advanced and interested learners.

For the Mathematics group Students we have ushered in the Industry 4.0 initiatives well in time. These modifications through the add on courses in the outcomes have helped us in producing global level competence in our students and opened up opportunities for start ups for them.

We set attainable benchmarks and try to evaluate our outcomes in terms of our success in projecting our students to state, national and international level. Students' profile and visibility are our indirect ways of assessing the efficacy of our POs, PSOs and COs. Employers' feedbacks, Students success in examinations, competitive exams, are our some of the indirect indicators of the worthiness of outcomes. Presence of our sports persons at very high levels, the ability of our students to write research papers indicate that we are following the correct line and succeeding in connecting local with the global in some measures. We make good use of feedback from formal and informal sources to evaluate our outcomes and insert suitable modifications accordingly. Internal evaluation is carried out on the basis of students' performance in unit test/ class test, home assignment, seminars, regularity in the attendance, participation in various curricular and cocurricular activities and sports.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2 Pass percentage of Students during last five years

Response: 91.32

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
329	429	304	173	123

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
344	438	308	227	170

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll	View Document

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: 1.52

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
0.234	0.225	0.6	0.234	0.225

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

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

Response:

We provide conducive environment for research and encourage teachers and students to undertake research work. Good publications have come out of this initiative. Over all our faculty members have published a total number of 78 papers. Out of these 21 are in Scopus/ Web of Science /UGC Care-Listed journals. The faculty members have 3 patents and 1 copyright in this cycle.

Our faculty members so far have three patents and one copyright to their credit contributing to the researching ambiance of the institution.

The innovation and incubation cell organizes mentoring sessions for the students Shri. Parikshit Padole, who is studying abroad was mentored for his project by the cell.

The Vermicomposting project provides a perfect ecology for research as the project has contributed to knowledge creation and paper publication. The project under the guidance and mentoring BARC scientist Shri. Maitre has tested the findings of a kit developed at BARC. This project is our most powerful pedagogical tool as we firmly believe that ‘research is the best way of learning.’

The idea of innovation can also be extended to create sensitization towards environmental issues among

the students and also make them responsible citizen. On this principle, department of Botany undertakes small student centric projects on '*Floristic Studies*' in nearby college campus area as well as in the villages where NSS Camps were organized.

The department of Physics through the '*Best from waste*' project transforms old and non-functional electronic gadgets into useful products or experiment kits. The department also transforms plastic bottles into planters under this project.

The students of Computer science developed '*Online Portal*' during Covid-19 pandemic. This portal is useful in organization of online test examinations, assignments as well as to keep the student's record. The teachers and students of Chemistry department formulated sanitizer during Covid-19 pandemic.

The students are also actively participating in various intercollegiate competitions with their innovative ideas in the form of model, charts, etc. Many of the students awarded with prize with certificates for their innovations. 7 students got research internships at the renowned research institutes, Visvesvaraya Institute of Technology Nagpur.

The doctoral research on fly-ash of a faculty is utilized to develop an actual ash pavement block in association with a local factory. The pavement blocks thus are used in the college premises.

Workshops on Role of IPR were organized for teachers and students to make them aware of importance of Branding, Patenting and Copywriting along with research ethics.

In order to enhance the ambiance of research, innovation and creativity on campus we very successfully organized, *BARC* Exhibition, *AVISHKAR*, *INDRADHANUSH* competitions of the R.T.M. Nagpur University and Project *NAVIN*. One of the projects submitted by our student in *AVISHKAR* generated lot of interest. We played key role in training *AVISHKAR* teams of the University.

NAVIN organized by Vidarbha Industrial Association, *Vigyan Bharti* and Raman Science center, Nagpur. Under project *NAVIN* 85 innovative projects were submitted to Raman Science Centre for further incubation. We organized *Kutuhel* and *Kaushlyotsav* to identify young innovative students.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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: 142

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
35	17	23	42	25

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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:** 4.22**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
07	21	15	15	18

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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
04	06	00	03	00

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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:

Various activities encompassing social awareness, environmental issues, civic responsibility, blood donation, tree plantation, sickle cell identification, gender issues, showcasing museums, cyber awareness of our institution are aimed at holistic development of students. College NSS, NCC, Rotaract Club, Value Addition Committee, Women Cell, execute extension activities ardently. We have undertaken number of green initiatives in order to sensitize the students for environmental issues. Various programmes are organized within the campus as well as outside the campus every year to inculcate the importance of health, hygiene, and environment etc. NSS volunteers as well as NCC cadets voluntarily conduct cleanliness drives. The NSS volunteers helped the local authorities in disposal of floral waste accumulated during immersion of idols in an appropriate manner. The college reused the floral waste for preparation of Vermicompost in the college premises, the data emerged out of this helped the department head and students write research articles. Two good publications have come out of this project. Tree plantation program is regularly organized in the college campus and off the campus during NSS & NCC Camps. We inculcate the values of civic responsibilities through the college electoral club. The electoral club activities have been appreciated by the district election office and Shri. Jitendra Wankhade and Mrs. Priyanka Ganorkar were felicitated specially by the district elections office. Every year since 2017 the club has presented street plays on the themes given by the Election Commission /District Election Office.

The Rallies and awareness programmes to spread the message of '*Save Girl Child and Educate Girl Child*', Save Trees, Save Water, Save Environment, Blood donation, Sickle Cell Anaemia, Traffic awareness, Vaccination drives have been organized by the college. Every year on 8th August, in memory of Late Vinayakrao Phatak as well as in NSS Camp, the NSS Unit organizes blood donation camp where students, teaching and non-teaching staff voluntarily donate blood to save the life of people. The College has constituted a women cell that takes initiatives ensure safety of girl students of the institute. The institute actively engaged in collection and donation of clothes to the flood affected brethren of southern India. Melghat help project is also conducted regularly. Rotaract club of the institute donated old newspapers (*raddi*) for making paper bags helped the distressed women sustain through the lockdowns. The home science department conducted nutrition awareness and moral story sessions for village children in the camp. Sickle Cell identification camp for adolescents and children are regularly conducted by the college. Counselling is also provide to the positive individuals by the faculty to avoid future complications of life. Floristic biodiversity in villages as well as soil sample analysis for villagers are conducted by students regularly.

Rotaract club is actively engaged in Food donation, clothes, books and stationaries donation, diabetics detection, audio dubbing, Diwali gifts to street children etc. throughout the year.

Department of Electronics has organized cyber awareness programs and through it spread the awareness among 44677 school children.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

Response:

The story of the inception of our institution originates from the utter selfless will of our founding fathers who wanted to spread education to the remotest corners of the then India in the year 1929. There is a very rich legacy of highly committed professors and Principals who worked with our institution and it is a matter of unprecedented pride that our alumni, Dr. Dhananjay Sagdev received Padmashree for his unmatched social service in the interiors of Wayanad district of Kerala. We are very proud of our NCC cadet SUO Manish Waware participated in the Youth Exchange Programme followed by RDC camp at Delhi. NSS unit was highly appreciated by the sarpanch of the village Neri Mankar Shri. Kamlakar ji Ande. In addition to worthy activities of NCC and NSS the extension activities conducted by the awardee Rotaract Club of our institution in the Rotaract District 3030 are valiant and highly admirable.

The club was appreciated by Mahatma Gandhi National Council of Rural Education (MGNCRE), under Ministry of Human Resources, Govt. of India, for the bravest act of finding vacant beds for the COVID -19 patients during the most ravaging second cycle in Nagpur. The recent 12 award of the Rotaract club based on their dedicated efforts throughout the year are as follows:

ROTARACT 2021 AWARDS

1. Platinum Distinction Award to Rotaract Club of DMPDSVM by District 3030
2. Special award for 100% giving to Rotaract Club of DMPDSVM for successful donation to Rotary Foundation.
3. Rising star Award for Rotaract Club of DMPDSVM for doing excellent work, given by District 3030. (Half yearly)
4. Rtr. Sanchita Puntambekar: Miss Rotacon for excellent performance in ROTACON Conference
5. Rtr. Shardul Moharil: Best Active participant in ROTACON Conference.
6. DRR Recognition Award to 3 Volunteers
7. Defeat Diabetes Campaign: Highest Number of Testing
8. District Avenues of Service Award
9. 2nd Rank (District Point System)
10. Distinctive Rotaract Club
11. Palladium Distinction with Rotaract District Citation.
12. Distinctive Contribution to the Rotary Foundation

We received more than one lac rupees from Quick Heal Foundation the awareness campaign regarding cybercrime among school children. Under the campaign Cyber Awareness programmes for 44677 students of different schools in Nagpur were conducted. Foundation appreciated the institution and the coordinator Dr. Varsha Rangari.

Worthy Recognitions For Extension Activities:

1. Shri. Jitendra Wankhede felicitated as the **Best BLO** by District Elections Office.
2. Dr. Kirti Paturkar was awarded prestigious Kailasvasi Mama Kshirsagar **Aacharya Puraskar** by Sarvoday Ashram for her extension work through vermicomposting project and Sickle Cell Project.
3. Prof. Pitambar Humane, awarded with '**Distinguished Scholar Award-2022**' in Interdisciplinary International Conference organized by Indian Indigenous Society for Sciences and Social Sciences (IISS).
4. Dr. Akhilesh Peshwe was nominated as **Senate Member** of Visvesvaraya Institute of Engineering Technology, Nagpur; Member of LMC of Raman Science Centre, Nagpur; **Member of prestigious Research Committees**; and was felicitated with **K. K. Gold Medal** for being the **Best Principal** of R. T. M. Nagpur University, Nagpur; **Executive member** of Association of Indian College Principals and **Academic Councillor** of R.T. M. Nagpur University, Nagpur; **Brand Ambassador** of Nagpur Mahametro.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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: 153

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
56	30	27	23	17

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

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.

Response: 10

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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:

Ours is a golden jubilee institution located on a 5-acre sprawling green campus with **8896.3 sq.mt** built up area. Our infrastructural facilities adequately satisfy the needs of students and teachers both. We kept on improving and upgrading our infrastructure as per the needs of the time.

We have:

Classrooms: 18 classrooms

Laboratories: There are 15 well-equipped spacious laboratories supported with museum, and herbarium.

Other Facilities:

- The academic wing of 3627 sq. Mt. houses various Departments, classrooms and laboratories spaciouly. All the departments have separate, well-ventilated, well-equipped laboratories and staff rooms.
- A separate wing is available for the Home-Science department, with an area of 372 Sq. Mt.
- The College has separate Administrative wing which includes Principal's Cabin, Office, Conference room and Central Library.
- The Central Library is equipped with adequate reading area and large number of books and journals, Internet and other support facilities.
- Computer equipment which includes monitors, keyboards, printers, modems, scanners, printing devices, and other computer peripheral equipment, routers and projector available in all the departments.
- FOSS facility: This facility is available for students in association with IIT Mumbai. FOSS would offer the students training in emerging areas of technology and keep their knowledge updated.
- Zoology and Botany department have museums with rich and rare collection of specimens. Herbarium of Botany is exhaustive and is one of the excellent resources for researchers in general.
- The college has well – maintained *Botanical Garden*. Apart from the crotons and medicinal plants in the garden, the college has taken efforts to maintain green zones resulting in a beautiful campus with a lush green cover and huge canopies.
- Fisheries Tank along with Dragon moth breeding section: The Fisheries tank and the Dragon Moth breeding portion in the tank, artificial apiary and well-constructed composting area are experiential learning facilities as well as our green initiative.
- The entire campus is under CCTV surveillance for security and has Wi-Fi connectivity. ICT enabled rooms, Seminar halls, smart rooms, Conference room and record rooms for various academic and administrative facilities.
- The campus has indoor as well as outdoor facilities for mega cultural events, exhibitions and academic activities. The hall is available for curricular and extracurricular activities of the institution like cultural functions, debate competitions, Elocution competitions, induction programs,

medical camps and awareness seminars, workshops and conferences.

- The college has maintained a playground with an area of 6626.25 sq. Mt. with facilities to play games and sports such as Archery, Kabaddi, Kho-Kho, Cricket, Volley- ball, Basket-ball, Foot-ball, Gym etc.
- The college has also in-door facilities for sports/ games and yoga.
- An excellent collection of Archery books in the sports department is as per the vision of institution to produce high quality archers in future.
- The college provides separate parking arrangements for students and staff.
- Charging points for electric vehicles are already available on campus.
- Maintenance Department is a unique facility of our institution.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

Response: 2.77

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
4.524	0.1	0.525	0.33138	0.23754

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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:

The library has a prominent role to play in assisting the overall learning processes.

The college main library was using Libman for a long but since 2021 we have shifted our library database

on a cloud based system that is far more effective and accessible than the earlier software. The library of the institute is fully computerized and has open access to all readers. QR code facility could be initiated because of recent up gradations in the library software. It also offers internet facility. Our library has rich collection of around **22208** books, subscribership of about **32 periodicals**. In addition to books the library has an excellent collection of more than **500 CDs**. We have 9 daily newspapers.

The institution has some extremely old videos for the zoology students. It is a matter of great pride for us that we could successfully digitalize all the rare life sciences videos which are used even today as an excellent teaching aid by the department. For example the Mendel's law videos available in the library are extremely beneficial to students. There is also a very rich herbarium in the Botany department of our institution which is helpful even to the researchers.

Since the campus is scattered we have segregated our books and recourses into main library and also the departmental libraries. The main library houses all the major reference and text books, journals, periodicals, magazine, encyclopedia, novels, prominent newspapers and books on wide variety of subjects. Special sections of books are earmarked for outdated books are written off the records. NET/SET Examination, Civil Service Examination, MPSC, Banking, Railway and other competitive exams.

Library purchases are made after following a due process. There is a Library Advisory Committee to monitor functioning of the institution. .

The library has adequate reading space and in order to enhance the reading habit among the students and staff of the institution based on library records a trophy/ best reader award is given away on the occasion of annual felicitation programme organized on the occasion of the republic day every year.

The library has received donation of books and CDs from eminent citizens of Nagpur as follows:

1. Mrs. Sujata Agnihotri 2. Shri. RD Gautam 3. Dr. Marva

Through these donations humanistic reading material as well as material for competitive examinations has seen a good increase. From the human values point of view we have some of the finest reading material. We also have rare sets of books from Dharmapal ji who presented the scenario of education in India during and pre British times.

- Name of ILMS software: LIBMAN
- Nature of automation (fully or partially): Fully
- Version 1.0
- Year of Automation: 2018
- System has no shifted to Cloud Technology
- Per day usage of Library: 30 to 40

Year	2017-18	2018-19	2019-20	2020-21	2021-22
Amount Lakhs	in0.81283	0.07347	1.49336	0.1841	0.47931

The institution is a member of NLIST and American Embassy Dosti portals and our faculty members encourage students to use authentic online open access resources.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

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

Response:

The institution has always been quite particular about IT facilities and was one of the early institutes to allow WiFi installations to Reliance Jio and Smart City Project. In addition, we provide the internet through the fiber optics and we have adequate number of connections and broadband speed. We upgrade for higher data plans and higher speed.

Recently purchased computers are capable of Wi-Fi connectivity as well as regular internet connectivity is available in all the classrooms, seminar halls, library and laboratories. We have multiple Wi-Fi connections available on campus so that all the students get to use internet facilities for free.

The institution has so far conducted the online teaching and examinations during COVID and admissions process most effectively and always completed these serious tasks within time which can be considered as abundant proof of adequacy of our internet plans.

IT facilities are constantly being updated. The college has two leased internet connections, broadband and fiber optics, in addition to a dedicated office fiber optics connection. Many ICT-enabled classrooms and laboratories also have portable LCD projectors.

The office also works with cloud-based CMS software. Online payment services have been added recently. The admission process, salaries, and payment systems are computerized. The College has a website, which provides all the necessary information.

The management has been increasingly expanding infrastructure support to improve college IT resources. During the lockdown period, the institute shifted its teaching learning processes to online mode using Microsoft Team, Google meet and zoom. The college organized several programs on digital platforms. Highly esteemed Golden Jubilee Lectures were conducted very successfully in the Hybrid Mode during the lock down period by our institution.

We received the Bright Institute Award from IIT Bombay for the outstanding contribution in the western region for integration of ICT into teaching and learning process as a best practice. We used FOSS and MOOC very successfully and all the courses from IIT Spoken Tutorials are conducted online. The examinations and evaluations of the same examinations are also conducted properly.

We purchase licensed software and our antivirus packages are always updated.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 7.9

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 114

File Description	Document
Upload supporting document	View Document

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: 10.28

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
2.40809	3.53117	3.92644	6.39807	4.96336

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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: 49.57

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
473	554	543	526	272

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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

Response: 48.5

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
190	634	314	610	569

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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	View Document

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: 53.64

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
140	197	179	123	90

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
345	308	309	227	170

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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
2	1	0	0	0

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
2	1	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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: 67

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
19	3	22	13	10

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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: 40.2

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
56	14	45	41	45

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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:

The Alumni Association is registered (*No: Nagpur/0000218/2023*) and the members have contributed to the institution through several direct and indirect ways. There has been voluntary support from the alumni in conducting programmes and workshops for enhancing the students experience at the college level.

Alumni interact and guide the students in academics and extracurricular activities during their visits to the institution. Alumni's significant contribution is in the area of training and placement opportunities for the

undergraduates in order to make them industry ready.

Their diverse experience in the field of Information Technology, Home Science and Management, Biological Sciences and Mathematical Sciences has proved a successful attempt in knowledge transfer of these working aspirants.

A consistent effort has been made to keep the alumni in contact with the current faculty by making an Alumni WhatsApp group. In addition to this, separate department wise alumni WhatsApp groups are formed where they are informed about various placement opportunities available for them.

The alumni of the college are also instrumental in channelizing CSR funds for the campus projects. One of the important CSR fund for the campus was the installation of solar panels thus making our institution Atmanirbhar in electricity generation. All the three building of the institution and additional fourth building of a sister institution have roof top solar systems of a total 90 kWp have been installed entirely because of the strong support from the Alumni. The solar systems are grid connected and have made us massively independent in energy generation and helped us save lot of revenue of the institution.

They have helped greatly in setting up Rotaract College Club on campus and have conducted number of social service-oriented activities involving students. It is because of the constant guidance and support of the alumni in planning and execution of the Rotaract activities, the club has clinched 13 district awards in the year 2021-2022.

Three computer science alumni have contributed substantially in maintenance and up gradation of the online portal special developed during the COVID – 2019.

One of the finest contribution from the Alumni came in the building the eco system for innovative and creative projects of the students. Dr. Prashant Agrawal, Vice President of the association has been a great support in the project NAVIN organized by Vidarbha Industrial Association, Vigyan Bharti and Raman Science Centre. Under this project 85 projects of students from Nagpur city and district institutions were submitted for incubation at Raman Science Centre, Nagpur.

The Secretary of the Association Dr. Ravindra Haridas and his team helped the institution in organized several art and aesthetics related events. Being a science college this is one area where we lag expertise and we are abundantly supported by our alumni members in this area. With their assistance a wall painting competition was organized in our college. The members greatly helped the institution in successful organization of the Indradhanush programme under which number of events and competition were organized by the college for the university.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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 governance is reflective and has insightfully cultivated the global facets of our system as per the vision and mission of the institution. Add on and skill development courses under MoUs abundantly reveal our global dimensions and intention to accommodate diverse interests and needs of all the students in the best possible manner.

The institution has successfully organized number of very high quality events and succeeded in setting up highly advanced programmes for Biology as well as Mathematics group students of the institution.

This has only been possible because of the participative nature of governance and decentralization of power at various stages through department heads, courses coordinators, course director, programme coordinators, and Committees.

Benevolence and warmth in interaction is one of the cardinal features of governance at every level. Decision making in the institution happens at several levels but it still is a highly orchestrated and an extremely transparent process.

The highly coveted awards and recognitions attained by the students and staff of the institution in the academic, curricular & sports activities are indicative of sincerity, dedication and presence of an effective model of holistic governance. However, contribution made by every single soul since inceptions can not be disregarded at any point of time.

The Principal maintains connect with all the stake holders through numerous formal and informal interactions. The Managing Committee DES, CDC, IQAC monitors progress and execute decisions taken in accordance with the vision and mission of the institution.

The institution has a very active and functional IQAC that has managed all the activities and tasks in due time during the fourth cycle of the accreditation process of the institution. All our reports are submitted in time. It is because of constructive participation from everyone the number of our educational activities is exceptionally high and endearing.

Our amicable approach for fellow institutions has resulted in clusters of Institution. In all these years, we have successfully organized mega events and activities through the cluster institution. International Conference on new materials, All India Principals' conference, Online seminar in association with Vigyan Bharti, Raman Science Center are some the highlights of our contribution through cluster activities.

One of the most notable benefit of joining hands with other institutions is we ended up saving lots of funds in organizing the mega events for example the cost for the International conference on new materials was just one Lakh rupees for us.

We have already shifted to the e-governance and use of ICT to enhance students experience with the institution. The way grievance cell during the online conduction of examinations has executed error resolution and satisfaction of students and other stakeholders is indicative of our professional attitude towards governance. We are also very prompt in satisfying RTI queries and have defended RTIs filed with priority, patience and acumen. The governance of the institution is reflective and is absolutely in tune with the vision and mission of the institution.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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:

The functioning of the Institutional Bodies is effective and efficient and there is no conflict or discord at the top management level. The top management of Dharampeth Education Society periodically reviews the activities of all the institutions running under it. Plans for strategic development and perspective plans are discussed and course of actions are decided in the management council of the parent body, Dharampeth Education Society. Regular audits are conducted by the parent institution in order to review the correctness of financial transactions and accounts. Purchases are done through purchase committees and financial powers are well defined and segregated. One of the most know fact in the region about the management is that ours is one of the fewest of Managements that do not accept considerations and donations against recruitments.

The Parent Education Society organizes lectures, seminars, faculty development programmes for all the institutions under its aegis including our own institution. Recently, a special faculty development programme is conducted on National Education Policy-2020.

Attaining the status of Centre with Potential for excellence is parts of our perspective plans. Our activities have already been aligned in that direction and we have gained worthy experience in developing and running certificate and add on courses as envisioned in the NEP 2020. We are planning to initiate diploma course in Sports Nutrition, and dual degree programme with nationally acclaimed institutions such as Visveswaraya National Institute of Technology within the permissive ambits of NEP 2020. The institution is already an approved centre for YCMOU and so we expect to establish collaboration easily for some distance learning courses. The two PG programmes in Mathematics and Chemistry have recently been started. We look forward to consolidate these programmes in coming year and have plans to strengthen them further with add on and skill development programmes. We have plans to make our mathematics

programme more job oriented by channelizing our students to pass out with Python and Simulations as specially gained add on skills. We are planning to become an authorized centre for simulation in future.

All the service records are duly maintained. CAS promotions, and career progression of the faculty and staff is ensured in the timely manner.

The policies of the institution are the guiding principles for the functioning of our institution. Our adherence to policies our functioning is strictly in confirmation of the vision and mission of the institution. We have also modified some of our policies in view of the National Education Policy 2020.

During this cycle we designed a very well defined consultancy policy of the institution and executed it thoroughly in extending the consultancy practices to Minex India ltd. The policy has generated opportunity for an MOU with Minex and has resulted in revenue generation through consultancy. It has established our departments directly in contact with the industry. Further, the consultancy related work of Lt. Ambekar gained lot of visibility at the prestigious Industry magazine. Management policies regarding conducting regular audits, making purchases within given purchase powers are followed meticulously.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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

File Description	Document
Upload supporting document	View Document

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:

College Credit Cooperative Society known as Dharampeth Cooperative Credit Society registered as

N.G.P.B.N.K. 631/82 was inceptioned in the year 1982 with the sole motive to stand behind fellow colleagues in their financial difficulties. There is a full-fledged office of the credit society in our institution. The society undertakes several welfare measures for the staff members of the institution:

Loan Facility:

The Credit Society gives individual loans to the regular faculty to the maximum of Rs. 8 Lac at a fair interest rate. The total loan amount given away by the society in the year 2021-22 is Rs. 24916320 (Two Crore Forty Nine Lakh Sixteen Thousand Three Hundred and Twenty).

Emergency Loan:

The Credit Society offers emergency loan of maximum Rs. 40000 /- in case of emergency situations.

Sponsorship Support:

The society every year extends sponsorships of a small amount to extend help for social, cultural, educational causes.

Felicitation/Awards and Appreciations:

Every year the successful wards of the employees as well as staff members are felicitated and awarded for their special academic achievements. Faculty members are felicitated also for doctoral research and other achievements of rare type.

Stationery/Photocopying:

The Society also provides stationery and reprography facilities items at subsidized rate on campus.

Provident Fund/EPF for employees- All the staff avails the EPF facilities on the campus.

Insurance/ Medical claim: The employees are given benefit of group insurance as well as medical insurance and claim facilities as offered by the state government.

Effective Welfare Measure for Students:

The institution is well known for supporting students as much as possible. We have student insurance policies. Faculty and Staff gives financial support to sports persons. Diet and nutrition counseling is given to sportspersons. The institution pursued the matters with the university to procure support for Ku. Janhvi Kadu, an all India level gold medalist from the college. Another All India level archer Ku. Priya Sarve though a pass out was given complete support in procuring financial assistance from YCMOU. Archer Ku. Priya Sarve is allowed to use the archery ground on the institution for free.

Institution all students to pay fees in parts and installments considering their financial difficulties.

Financial Support to Teachers:

The institution supports the teachers and students both in their academic, curricular and co-curricular

activities. Instead of individual support the college offers sponsorship or accepts financial responsibility so as to make it possible for all the faculty members to participate in the events.

Financial Support to Society during lockdown:

During the COVID menace every single faculty member of our institution has contributed to Lokklyan Samitee who in turn provided the people with food provisions.

Performance Appraisal System:

The institution conducts academic audits as per the norms of the society and all the faculty members perform all the appraisal related activities with zeal and enthusiasm. The institution constitutes screening committee with coordinator IQAC as chairman to evaluate the claims made by the candidate. Only upon verification and recommendation of the screen committee CAS proposals forwarded to higher authorities for interview and placement.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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: 20.25

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
0	16	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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: 21.18

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
5	8	2	3	0

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
6	0	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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:

Strategies for mobilization and optimal utilization of resources and funds:

We mobilize and utilize our funds optimally through several ways. The most noteworthy among such are our efforts to minimize the money spent on electricity as well as water. We took these two on top priority considering the large recurring expenses made on these essentials of life.

With the help of alumni members we successfully procured financial assistance for the installation of a solar panels on all the three buildings of the institution. We received CSR support from Maharashtra Energy Development Agency for installation of solar energy generation system of: 1. 20 kWp (Grid Connected) for the main building; 2. 15 KW (Grid Connected) for Home Science 3. 15 kWp (Grid Connected) Vocational/ Administration Building.

Along with our own we also cared to procure 40 kWp (Grid Connected) solar system for the sister concern under DES, Dharampeth Polytechnic which is housed in the adjoining vicinity premises of our campus.

Our scrutiny of water bills indicated massive expenses on water bills. In order to bring down these

expenses we made sincere efforts to procure financial assistant under CSR from Green Tree Solutions Pvt. Ltd and installed flush less odorless male urinals on our campus. The succeeding bills for the water usages show drastic drop in the bill charges.

We utilize our infrastructure in the jointly organized events as part of the cluster activities for seminars and conferences. The weekends as per the availability the infrastructure are used for competitive examinations such as MPSC, UPSC, Staff Selection Commission etc. University examinations are regularly conducted in our institutions. We have approved distance learning Yashvantro Chavan Maharashtra Open University Center under which the classes and practical sessions are regularly organized on the weekends. The center examinations are also conducted on our campus.

We use our museums and herbarium innovatively to educate and train school children as part of our extension initiatives.

Our sports facilities are also utilized by school children and budding sports clubs. The archery club, Karate Club, Boxing Club are utilizing our sports facilities since last couple of years as a result the institution has started receiving admissions of acclaimed sports persons and the quality of our own sports persons have gone up with these initiatives.

We have succeeded in building a very tall boundary wall on the western side of the campus in such a way that even in the middle of busy hours archery practice is possible.

The Metro project that cut through our land reduced the portion of our land but in return we successfully persuaded the concerned authorities to compensate us with parking lot, boundary wall, gate, earth filling etc. The estimated cost of these facilities we procured in exchange is reckoned as more than two Crore Rs. We convinced the authorities for these facilities over and above the regular compensations that are granted by the Metro to landholders.

Internal and external audits are duly conducted in our institution. The parent society has appointed a special auditing firm for the purpose.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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:

The college IQAC is fully functional and active. IQAC has adopted quality improvement strategies in several areas keeping in view the NEP. The teaching learning processes, methodologies of operations and learning outcomes are reviewed at intervals and modifications are made as per the needs and suggestions received from the stake holders.

Our actions always preceded by guidance we received through the conferences, Seminars and FDPs organized by us. We were co-host in organizing a conference of Association of Indian College Principals on NEP in 2020 which was graced by the magnanimous presence of Hon. K. Kasturirangan Sir and stalwarts from the NAAC. In the conference, there was a lot of deliberation on the present challenges and how institutions need to focus on the Industry 4.0 initiatives in order to create employable generations. Post conference, we took several quality initiatives related to Industry 4.0 initiatives and began training students successfully.

We kept on reviewing the curriculum and strengthening it with certificate courses as per the needs as a result our number of certificate courses and the participation of the students increased by multiple times and crossed the benchmark.

The IQAC monitored the teaching learning process and pedagogical methods extremely well. Majority of our teaching learning are student centric and the faculty members have conducted a large number of activities keeping a fixed eye on the outcomes as well as vision and mission of the institution. All together the faculty members easily have conducted more than 500 activities related to the syllabi.

Our IQAC has always been vigilant about the NAAC directions SOPs and notices issued time to time as a result the activity reports right from the year 2018 are available in appropriate DVV. The documentation of the IQAC is meticulously compiled and uniformity is one of the main highlights of our documentation.

Preparing for the present 4th cycle of the assessment and accreditation is one of the finest efforts of the IQAC of our institution. We have taken number of initiatives that are far superseding than our performance in all the earlier cycles. Almost in every criterion our quality initiatives exceed our performance in earlier cycles. The IQAC kept on enhancing initiatives based on the feedbacks received from the esteemed peer teams in the earlier cycles. We have well recorded improvement in the number of courses and percentage of participation, patents, care listed and Scopus publications, placement offers received by students, MoUs, extension activities, augmentation of infrastructure etc.

IQAC played a significant role in developing network with other institutions from the city as well as from outside. As a corollary of our rapport with the other institutions we succeeded in creating clusters with us to organize several events and programmes jointly. One of the major indirect achievements of cluster activities was we could overcome the small number of faculty and no recruitment issue. Further because of the cluster activities we saved on financial expenditures. IQACs of cluster institute have organized a Faculty Development Programme.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

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 college promotes gender equity and sensitivity through various ways. Hence, with priority we have taken efforts to create a safe, healthy, and secure ambiance on the campus.

Being a co-educational institution, institute accepts students of all genders and various socioeconomic backgrounds. Regardless of gender, we involve our boys and girls in all the variety of curricular, co-curricular and sports activities. We have always promoted students based on their talent and qualities making our institution as one of the finest havens for thriving in academic, curricular, co-curricular, and extra-curricular skills. Some of the finest athletes, sports persons, NCC Cadets, NSS volunteers, Rotaract Club members are girls in our institution and they do have shown exemplary leadership at the university and national level. We continue to support our sports persons and alumni even beyond college years in whichever way possible from our side. Our efforts succeeded in securing financial support for two famous sports persons: 1. Miss. Janhvi Kadu is all India gold medalist and have won a ton of medals in various competitions. She was also picked up to captain Indian team that was going to Argentina in roller skating event 2. Miss Priya Sarve though a pass out now, is among the top ten archers of India. Looking at her extraordinary possibilities we conducted aerodynamics sessions for her and she is being given complete latitude of timing for her archery practices. 3. We gave best possible support to Ku. Rishika Bodole, a national level swimmer from our Institution.

The gender equity is also reflected in Rotract club of the college. Ms. Shorbhika Bhattacharya and Ms. Shubhashree Joshi had served as President of the club. Annual cultural events are regularly organised by the institute. Ms. Prajakta Puranik (2017-18) and Ms. Vaidehi Kuber (2019-20) had served as College Representative in the events. In addition, there is a very vibrant Women Cell that organizes number of programmes on the campus.

In an outdoor activity such as NCC, Ms. Poonam Chouragade and Ms. Supriya Patle served as SUO and SGT in the NCC unit. In most of the activities either at the college level or at departmental level associations, girls are taking leading roles.

Through NSS girls participate in several awareness prgroammes along with boys. They lead group activities, and demonstrate leadership during the camps organized in rural areas.

We promote involvement of students in the activities of our institution to nurture their innate skills and talent. Other gender equity promotions are organized by the institution are such as rallies and street plays on 'Beti Bachao Beti Padhao' 'Voters Awareness Day', International Disability Day, Blood Donation, Save Environment, *Swachha Bharat Abhiyan*, Organ Donation, De Addiction, Poster Presentation Competition on the theme 'Women in Science' etc. Statutory committees like anti-sexual harassment cell, Women cell, Grievance redressal cell, have been constituted as per the guidelines of the university and UGC. Over all we have maintained a healthy thriving ambiance for both the genders on campus.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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	View Document

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	View Document

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:

The institution makes committed efforts to offer a very conducive environment with a highly intermingled rich fabric of tolerance, harmony and understanding towards each other. This is one reason why the achievements made by the fraternity and students of the institution are in varied arenas ranging from

Academics, Curricular, Co-curricular, to sports. Students from all types of diversities including cultural, regional, linguistics, socioeconomics diversities seek admission in our institution. There are students from urban, rural and tribal background studying on our campus.

We have Value Addition Committee that organizes several events to sensitize students and employees regarding constitutional obligations, human values, rights, duties and responsibilities etc. Value addition committee looks after these aspects very closely. The institution has cultural committee that organizes food fests and cultural events every year. The cultural day celebrations are marked by folk songs and dances representing different cultures.

Samajik Janiv Diwas: Every year, the foundation day of the parent society, August 3rd is celebrated as 'Samajik Janiv Diwas' (*Social Responsibility Day*) to root the paramount values of social responsibility in students and the fraternity. Every year a special new song composed by one of the faculty members of the parent education society and is presented in every institution of the society.

We inculcate citizenship and constitutional values by conducting number of activities including special sessions on traffic sense and civic sense. We even conduct IPR workshops for employees and students regularly so as to cultivate values for academic ethics right from the beginning in young minds. Several of our activities in NCC, NSS and Rotaract club are focused on citizenship values, inclusion and constitutional values.

We ensure roster related norms for jobs as well as admissions strictly as per the rules and regulations of the government. The permissions from the different university cells as well as government special cell for the purpose are duly obtained before the advertisement is given. We make proactive efforts to extend the benefits of all the different types of government scholarship schemes. Our systems are most efficient in all the procedural requirements and formalities for the purpose and secure scholarships for the majority of students. Scholarship proposals of students were hardly ever returned with complete rejections.

We have great pride that our minority students, socioeconomically disadvantaged students have topped in the university examinations and secured a place in the merit list of the university. We take this as the subtle indicator of our successful all inclusive policies.

Dharampeth Education Society has started a 'Seva Shilpi Puraskar', an award of Rs. One lac to the NGO that performance outstanding social service to the disadvantaged fellow brothers from remotest corners. All the teaching and non-teaching fraternity participate in this programme.

It was a moment of immense joy for us to felicitate Dr. Dhananjay Diwakar Sagdev for receiving 'Padmashree' (2021) for his monumental social service in the deep interiors of Wayanad District of Kerala at the hands of Hon. President of India Shri. Ram Nath Kovind.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

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:

Our institution has a large number of highly internalized best practices however, the two we have chosen to mention here are: 1. Vermi-Composting Project 2. **ICT integration in the process of Teaching and Learning**

I) Vermi-Composting Project of the Institution:

The institution has properly constructed composting tanks for the purpose. We have very successfully used this project to build an educational eco-system for skill development, experiential learning, knowledge creation, composting of campus solid waste, explore possibilities of developing entrepreneurship, innovation and creativity and initiative to identify solution to farmers' problems of Vidarbha Region.

Skill Development:

We developed a proper credit based certificate course for the Biology Group Students approved by the Lifelong Learning and Extension Department under Jeevan Shishan Abhiyan of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

Experiential Learning:

The composting projects is actually an extension of the teaching learning process outside classroom and students get direct experience.

Research and Knowledge Creation:

We encourage students to involve with their faculty members to conduct research work related to composting.

Composting of solid waste on campus:

The project has helped us manage the solid waste generated by trees in an environmentally friendly way.

Innovation and Creativity:

A carbon kit specially developed at Bhaba Atomic Research

Centre and a patented sensor have been tested in the project.

Outcome Indicating Success:

1. Two very good publications of students and teachers have come out of the project.

2. Prestigious Award to the faculty
3. Interaction with a scientist from BARC
4. Opportunity to develop Entrepreneurship skills of students of all types.
5. Eco-system for knowledge creation and experiential learning.
6. Insight into fertility of land linked with farmers issues in Vidarbha Region.

II) ICT integration in the process of Teaching and Learning:

IIT Spoken Tutorial Certificate Courses:

Our association with IIT Bombay through this prestigious project began way back in 2018. We strongly promoted IIT Spoken tutorial courses on our campus since then.

Problem Faced:

In 2018 very few students registered and showed motivation and gravity to complete the courses in a stipulated time. Rate of failure and drop out was high.

Successful Mentoring and special sessions:

Our faculty succeeded in convincing the importance of the courses and generating their motivation. We kept on making committed efforts to create an ambience of ICT based teaching learning process under the IIT Spoken Tutorial Project of IIT Bombay as a result the number of beneficiary is about 800 indicative of constant increase.

Accommodation of Different Level Needs of Students:

Data indicates that our repertoire of different courses have constantly increased and advanced learners at our institution are opting for courses such as: Blender, Drupal, Libreoffice Suit, Arduino, Advanced CPP, PHP & MYSQL, LATEX, PYTHON, HTML

Spoken Tutorial Bright Institute Award:

The institution has made persistent efforts in producing a robust ICT based teaching learning methodology in the educational processes at our institution since 2018. As a result IIT Bombay conferred on us IIT Spoken Tutorial Bright Institute Award for our outstanding contribution in the entire Western Region at the national level.

File Description	Document
Best practices as hosted on the Institutional website	View Document

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:

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

Thrust Area:

All the activities connecting our institution from local to the global level are linked and centered round our own constructive contribution to environment.

Atmanirbhar Energy Management:

One of the unique features of our institution in the entire university is that we are almost Atmanirbhar regarding electrical energy utilization on campus. Our grid connected power meters have started zero billing for the consumption.

Excellent Waste Management System-

We have effective mechanism for green/solid waste management through the vermi- composting project effectively run on the campus. This plant also processes biodegradable solid waste.

Situated Issues of the Local region & Opportunity for Knowledge Creation:

Vidarbha has been making headlines sadly for a wrong reason of farmers' suicide. It has come to our knowledge that fertility of land is one of the major reasons behind low yield of unirrigated lands. Hence, we decided to make efforts to identify ways to enhance 'fertility of land' through compost. Another objective was to explore possibilities of an ED model based on the results of the compost project.

We are very proud that our team of students and teachers produced two good publication and turned project into a knowledge creation opportunity.

In order to enhance the level of research based on the vermi composting project we invited Dr. Maitre of BARC as a mentor for the project. Under his guidance our team used the Carbon kit developed at BARC and the results they obtained also generated interest of the academic world.

Our faculty from Physics department Dr. Lt. Ambekar developed an electrochemical sensor for which he has received a patent is also being used in the same project to explore new findings related with carbon detection through sensor.

Thus, while targeting environmental issues through vermicomposting project we have succeeded in utilizing the same project in multiple ways such as:

1. Effective experiential method for teaching and learning.
2. Effective way to involve students in research and knowledge creation

3. Effective way to connect with acclaimed scientist like Dr. Maitri of BARC
4. Generate compost that is either sold or utilized for our own trees.
5. Green waste produced on our campus effectively processed

Bird Nests:

Artificial bird nest project on the campus is our green initiative that contributes to the sustainable environment. The time and energy spent on the project has been successful as the artificial nests installed at different safe places have been used by the birds for breeding in almost all of them.

Apiary:

This is another one of our green initiatives where we have actually succeeded in installing an artificial bee hives. This project helped to increase the rate of pollination in nearby areas of the Institute.

Fresh Water Fish Culture:

The water tank is reserved for fresh water fish culture on the campus. The local edible breeds of the fishes are used to study growth and development for future commercial aspects. This project helps to teach water parameters, live demonstrations of fish culture, etc. to the students.

Botanical Garden:

The botanical garden of the institution is one of the interesting learning resources. It consists of many varieties of cultivated / ornamental plants, medicinal plants and even the plants of different categories of plant kingdom for practical purposes. It acts as a powerful tool of experiential learning and learning by observation.

Bio Diversity Study: The institute is situated near the rich diversity of Ambazari lake and every year students are involved in experiential learning activity to understand floristic biodiversity available on the campus, in the vicinity lake area and in village areas where NSS camps are organized. This type of taxonomical study is a regular feature of the teaching learning process conducted in the Botany Department.

Excellently maintained herbarium is one of the distinctive features of the Botany department where there is a collection of more than 3000 species of Angiosperm Plants.

Insect Diversity Study:

Zoology department conducts insect diversity studies on campus and the department has an excellent collection of some of the very old documentaries. Unique documentaries saved through digitalization is one of the rarest features of our institution.

Laboratory Equipment from the waste:

Department of physics collect household e-waste such as chargers of old mobiles and similar equipment and gadgets to develop new laboratory equipment or experiment kits. This actually works as a teaching learning methodology for mastering circuits and also up skill them creating a chance for entrepreneurship

development.

Plastic Planters Project:

Under this project we try to inculcate the value of reusing plastic bottles as planters.

Hazardous e-waste:-

Hazardous e-waste is properly disposed of through the authorized recycling firms and e-waste management certificates regarding carbon footprint are procured from them.

Social Extension:

Members of the Rotaract Club donated old newspaper to the underprivileged ladies for making paper bags. This contribution from our institution drew lot of attention from public and appreciation from all sectors as we rose to the occasion when the particular underprivileged group of ladies lost jobs during the menacing COVID cycle and had nothing else to sustain themselves.

In order to popularize the cause on the occasion of International Women's Day we felicitated the group of ladies in our institution.

Asmita :

Asmita is the college magazine published every year. Environment has been one of the themes for the magazine.

Flush less & Odourless male urinals installed with the help of CSR-

As an institution it won't be wrong to say that we are one of the first ones in Vidarbha to install flush less & odourless Urinals in boys' toilets. We made these installations with the assistance of Green Tree Solutions and as a result of this green initiative we have saved a large gallons of wastage of water.

Paperless submission of Assignments –

Computer Department students developed a software to submit assignments online during the COVID-19. Notices, submissions have become paper less because of this initiative.

Our green initiatives are noteworthy and impactful doing justice to the thrust area.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

- The Maintenance Department has produced about 200 highly successful entrepreneurs in a span of 15 years. The department also renders its services to the sister institutions under the aegis of Dharampeth Education Society.
- We have 6 faculty members on different BOS and 1 faculty on the Academic Council of the University.
- The faculty members during this cycle have conducted more than 500 different activities all together. Snake and Ladder Game, Jig Saw Puzzle designed by Microbiology Students of the college are very innovative.
- The invite of the Association of Indian College Principals' national conference we hosted as one of the partners was magnanimously accepted by the stalwarts like Hon. K. Kasturirangan, Hon. Shivthanu Pillai, Large number of principals pan India attended this conference.
- Our faculty have submitted 4 proposals to the DST for funds. Sanction is awaited.
- Story of one of our students regarding how IIT Powai Spoken Tutorial Courses have helped her in initiating a good career has been selected for the IIT Spoken Tutorial Awards 2023.
- Faculty members have developed online resources available on the web portals. Botany 4 U is one such portal started by our faculty member during the lockdown period.
- Good number of students have progressed to jobs and or PG.
- Start up initiative by our student has been successful and generated employment for 9 staff members.
- Our alumni members have played a very crucial role in project NAVIN which was entirely aimed at building an ecosystem for innovative and creative ideas.
- The governance and leadership of the institution is reflective and the Principal was awarded with K. K. Gold Medal for Best Principal in the R. T. M. Nagpur University, Nagpur.
- Our faculty members are on prestigious committees of the Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The Principal is the assessor and Brand Ambassador for the Nagpur Mahametro Qualine Station near Ambazari Lake.
- Shri. Jitendra Wankhede was felicitated for his work as BLO by the District Election Officers
- MOU with Rotaract Club to train students and women of vicinity areas in stitching. The institution received Sewing machines for the purpose.

Concluding Remarks :

Our institution has shown remarkable strength, resilience and tenacity to overcome the difficulties and challenges posed by a miniscule number of regular faculty members. Considering the volume of activities and very high students achievements the penalty for poor student-teacher ratio be waived off or compensated.

The programmes developed in the institution are unique, rare and very promising in getting students globally competent as envisioned by NEP 2020. The approach of integration of Science/ Technology/ Engineering/ Mathematic/Medicine (STEMM) is assuredly producing desired outcomes as is evident from the highest package offer received by our student this year is of Rs. 8 Lac from the Axis bank. The overall placement data indicates that about 600 students out of about 1350 pass out students in last five years have progressed in career by getting a job or doing PG. The placement data indicates that students are getting picked up by coveted global brands such as Infosys, TCS, Reliance, Accenture, ICICI, HCL, Wipro, Mahindra, DRDO etc. Shri. Abhishek

Mule and Shri. Abhijit got selected in DRDO. Shri. Vinay Mathure's start up with 9 employees is a successful venture of our student.

Besides academics our institution has involved students in research, innovative activities, supported them for extracurricular activities and sports. The extension activities of our institution are extremely rare and well appreciated by government for extremely courageous acts of the students. The Electoral Awareness Campaigns as well as our NEP related initiatives were already part of the curriculum at our institution.

We have made tremendous achievements in almost every criterion of SSR and we offer a truly holistic platform for students ensuring their 360 degree growth and career progression.

The alumni of the institution have reached such towering heights in these 50 years that the institution can with immense pride present them before their own students as ideals to follow. An achievement like this can be considered as the most soul satisfying and utterly justifying the vision and mission of the dreams of the founding fathers of Dharampeth Education Society for which they made a supreme sacrifice by giving everything they can for the institution.