



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

GOVERNMENT INSTITUTE OF FORENSIC SCIENCE

R T ROAD CIVIL LINES NAGPUR

440001

www.ifscnagpur.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

The “**Government Institute of Forensic Nagpur**” was established vide GR No. NGC 2011/(20/22)/MASHI-4 dated 22 July 2011. It is the only institute in Vidarbha which offers UG, PG and Diploma Courses in Forensic Science.

Forensic science is basically the application of various scientific methods and techniques for the purposes of justice. Forensic Science often seeks to provide answers to a number of questions like - *What? Why? Where? When? Who? How? from Whom?* and so on!

We, at **Government Institute of Forensic Science, Nagpur** are playing a leading role in nurturing young minds in this field of interest, since inception in 2011. We offer exciting opportunities to the students who are interested in opting for a challenging career in the field, leading to the award of **B.Sc. Forensic science Degree, M.Sc. Forensic Science Degree, P.G. Diploma in Forensic Science and Related Law (PGDF) and P.G. Diploma in Digital and Cyber forensic and Related law (PGDC)**.

Our well equipped library with a huge range of books, laboratories, experienced and enthusiastic teaching staff, and extensive learning support facilities in the form of regular mock crime scene demonstrations, guest lectures, seminars, educational visits to various institutions of academic importance, etc. provide a stimulating study environment for the benefit of our students.

The courses are aimed at creating informed citizenry as well as a workforce that would be able to stand up to the ever rising stature of crime and criminals in the society. We want to change and reverse the notion that the “criminal is always one step ahead of the investigation agencies”. Our comprehensive syllabi, practical oriented & skill based teaching-learning (would) enable(s) our students to be useful and ready (for) to the investigation agencies (Police, CID, CBI, etc.); to the Forensic Science Laboratories (District, Regional, State & Mobile units); to colleges &/or institutions (as qualified teachers for the subject i.e. Forensic Science); various laboratories (undertaking quality control, quality assurance, analytical work, research, etc.); as forensic experts (to give ‘expert witness’ as an aid to the court & lawyers as amicus curiae, etc.) to name a few!

Vision

The **Vision** of the Institute is

- To create a peaceful society by imparting world class forensic education to students, common man and professional;
- To make the institute an all inclusive centre of excellence for forensic education, research and consultancy services;
- To make available well trained forensic experts;

- To support the police in criminal investigation process, thereby strengthening the justice delivery system.

Mission

The **Mission** of the Institute is

- To emerge as a global consortium of forensic education & research leading to prosperity, integrity and peace;
- To provide affordable world class forensic education through training, projects, research and investigation.
- To create conducive environment that foster critical thinking, creativity and innovation amongst students and faculty.
- To inculcate ethical values and encourage scientific temperament amongst the students and professionals.
- To provide training to students to build independent career and guiding them in the areas of creating job opportunities and self employment.
- To enhance infrastructure, technology and ICT facilities and maximize capacity building of the students.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Institute of Forensic Science, Nagpur is run by Higher and Technical Education Department of Government of Maharashtra
- 2(f) status of UGC
- Qualified staff with qualities of planning, execution, interaction recruited by M.P.S.C
- Diverse faculty in terms of ethnicity and gender
- Dedicated and experienced support staff
- Safe and secured environment for co-education
- The institute is an all-exclusive centre for study in Forensic Science
- Democratic functioning is respected and practiced
- Internet, Wi-Fi and ICT facilities to strengthen quality of education
- Disciplined and enthusiastic students
- The online admission process is highly transparent and strictly on merit basis. The demand ratio is 1:40 for UG and for PG 1:2
- The merit list closes above 80%
- Well equipped laboratories with several sophisticated instruments
- Conducive environment for teaching and learning
- 100% campus placement for MSc students
- 44 NET-JRF/NET/SET qualified students within last five years
- The dropout rate is almost zero
- The curriculum is at par with national and international standards
- Conferences, Seminars, Field visits, Training and Internships are organized for academic and career

development

- Help to Police crime department for criminal investigations
- Training to Police department for technically-fit evidence collection and thereby improving the justice delivery system
- Yearly DPC grants as per requirement
- Faculty members are motivated for research
- Active participation of students and teachers in conferences, seminars, workshops and publication of research articles
- Library is equipped with reference books and more than 3000 books.
- The student to book ratio is about 1:11
- University examination results is more than 85%
- Mentoring is practiced at individual level
- Earn and Learn scheme
- Diversity in students in terms of ethnicity and gender
- Hostel, Gymnasium and Sports facilities
- Low fee structure as per government rules
- Scholarships to needy and poor students
- Extension activities are organized by way of community services
- Faculty focussed on student-centred teaching-learning curricular, co-curricular and extra-curricular means and methods

Institutional Weakness

- Shared infrastructure with Institute of Science Nagpur
- Need to have spacious library, reading room and computer centre
- Insufficient infrastructure for academic expansion
- 12(B) status of UGC not yet granted
- University centre for higher learning and research not recognized
- No Financial assistance for research and projects from UGC and government
- No Financial assistance to students and teachers for attending national and international conferences, seminars, etc.
- Permission always required for consultancy and MOUs
- Expected student to book ratio is 1:50
- Vacant teaching and support staff
- Government procedure to initiate new programmes
- The posts of Physical Education Teacher, Librarian (Grade A) are not sanctioned
- A relatively slow curricular process by the University for continual need of rapid programme changes
- Low fund allocation for planning and organizing cultural, social activities, extension activities, etc.
- Support staff is not acquainted with the recent changes in technology
- Assistant Professors are yet to complete their Ph.D. work

Institutional Opportunity

- 12(B) status recognition from UGC for receiving development, research projects and other schemes grants
- Scope for consultancy, MOUs, collaborations and linkages with GOs, NGOs, Laboratories, HEIs, etc.

- Internships and Apprenticeships for 6 months to 1 year
- Increase in intake at UG and PG levels
- Initiating new programmes in Forensic Sciences
- To enhance the quality of Forensic Science education to international level
- To start Short term/ Add-on/ Certificate skill oriented courses etc.
- To increase employment potential for national and international laboratories, R&D, state and central government services
- Motivate students for self-employment and capacity building
- Remedial teaching to enhance results
- Increase in infrastructure and ICT facilities
- Willingness of the faculty to undergo training and development
- Recognition of the institute as centre for higher learning and research
- Opportunity to work with diverse agencies
- Providing training and guidance to the students for UPSC, MPSC, SLET, UGC NET – JRF and other entrance examinations
- More emphasis on social, cultural, sports and extension activities
- To create awareness in the society about Forensic Science and its role in Justice delivery system
- To develop the students as the best forensic experts

Institutional Challenge

- State of the art infrastructure development
- To increase the result to 100%
- 100% campus placement for UG and PG Diplomas
- Opportunity for teachers to pursue research leading to Ph.D.
- Posting of teachers on vacant posts
- Transfer of teachers and support staff
- Slow economic development of Vidarbha region and limited job opportunities
- Procedural delay in implementation of changes in curriculum at University level
- The indifferent recruitment rules affecting the Forensic Science students for the suitable positions in Forensic Science laboratories, institutes and Police departments

- Government support for consultancy, MOUs, collaborations and linkages with GOs, NGOs, Laboratories, HEIs, etc.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Our Institute aims to provide affordable world class forensic education and to emerge as a global consortium of forensic education and research. The syllabus was drafted keeping in mind the need of the hour to create professional experts in the field of Forensic Science and has been updated and upgraded in synchronization with current needs.

The subjects have well defined program objectives, course objectives, course outcomes, teaching pedagogy, units, credits. The academic session goes in a methodical manner as per teaching plan and a well designed

time-table that makes optimum utilization of resources. The practical portion of the syllabus is covered using experimental learning. Apart from routine laboratory work, practical conducted includes mock crime scene investigation, crime scene reconstruction, use of models, charts and dummies, hands-on training, sophisticated instrument demonstration/handling, etc. The final year students are encouraged for project work or internship.

Every year the institute celebrates annual sports meet and cultural fest 'ANVISHYA' to encourage and showcase the extracurricular capabilities of the students. Events are organized by the students under the supervision of faculty members. We believe that multifaceted students are developed only when students are exposed to issues like professional ethics gender issues human values etc. To enrich the students with these issues several programmes such as celebration of birthdays of great leaders/personalities, women empowerment awareness programmes, gender neutral programmes and discussions about scientific integrity, ethical behaviour, ethics standards, blood donation camp are conducted by NSS and other committees.

The Institute offers four programs in forensic science out of which postgraduate degree programme is CBCS. Almost all staff participates in setting and evaluation question papers for UG and PG Programs. Some of the staff are members of the BoS and some are Co-opted members which are responsible for the conduction of examination and other academic related activities.

The students are encouraged to provide their feedback regarding teaching-learning/syllabus. The feedback is carefully analyzed and based on the analysis, the concerned subject teacher(s)/department heads take necessary corrective action in consultation with the Director of the Institute.

Teaching-learning and Evaluation

The institute carries out the admission process as per the admission criterion led down by the Higher and Technical Education Department, Government of Maharashtra and Rashtrasant Tukadoji Maharaj Nagpur University. In the admission process, the reservation is strictly implemented as per the existing reservation policy and the amendments given time to time. The Institute has got a very high demand ratio of about 1:40 for its undergraduate course and it has remained more or less consistent over the last five years.

The student to teacher ratio is a healthy 7.5:1 for undergraduate courses and for PG it is 6:1. Sincere efforts are always made for the improvement of slow learners and Divyangjan students. Several student centric methods are adopted to enhance the learning experience of the students. Almost all the class rooms are ICT enabled and teachers use them for effective teaching.

The mentor-mentee scheme addresses the academic as well as other problems students face during their tenure in the institute. Teaching staff is a blend of experienced teachers as well as newcomers. At present there are 20 staff members out of which 25% are women. Seven staff members hold the PhD degree and the rest are NET qualified.

Internal assessment of the students are carried out from the performance in the preliminary examinations at the end of each semester and the involvement of the students in the academic activities. The internal assessment is transparent and the grievances, if any, are addressed promptly.

The program and course outcomes are conveyed to the students in the classroom by the teachers at the start of

session. The metric for attainment of CO and PO are the results in examinations and the selection in the campus drives by the placement cell. The passing percentage is 86.8% for UG and 100% for PG degree. During last five years several students have been placed in various companies and have qualified NET and SET examinations.

Research, Innovations and Extension

Research and innovations are the keys for the progress of any Institution. The Institution is making sincere efforts to improve the research facilities and inspire staff members to carry out research. Several conferences and workshops (18) have been conducted during the last five years. This has helped in interaction and exchange of ideas with experts in the field thereby promoting the research culture in the institute. Several research papers (37) have been published in the UGC notified journals including Scopus indexed journals. Staff members are also engaged in writing chapters in books and participation /presentation / publication in national/international conferences.

Several extension activities are carried out to sensitize the students on social issues which are definitely useful for their overall development. Several awareness programs are carried out in city as well as in villages to sensitize the people on the burning issues. Most of the activities were carried out under the NSS. The work on the extension activities has received accolades from various government /non-government bodies. The institute has bagged several awards and recognition for the extension activities carried out in the neighborhood from the government /non-government bodies.

The NSS unit of the institute is one of the best unit in this region. Several campaigns and programmes on Swachha Bharat and gender issues have been organized in the region. One of our student has bagged the best NSS cadet award in 2015 and one staff member was adjudged the Best Programme Officer in 2018. In the same year, our NSS unit was declared the Best Unit within Rashtrasant Tukadoji Maharaj Nagpur University.

The Institute has collaborations with various institutions for internships and field trip visits. Several MOUs have been signed with industries viz. Nilawar laboratories, Prevoyance. The institute is benefiting immensely from such collaborations.

Infrastructure and Learning Resources

The Institute is operating from the third floor of the new building of Institute of Science.

Four classrooms with ICT facilities are available for undergraduate and postgraduate students. The Institute runs two postgraduate diploma courses, the same classrooms are shared for these courses with proper time management. For conducting practicals, the institute is using well established laboratories of Institute of Science on the shared basis.

The institute has developed a state of the art Central Instrumentation Laboratory with sophisticated instruments such as HPLC, Research Microscope, FTIR, Millipore, Spectrophotometer, etc. These instruments are available to the postgraduate students and students use them for their practicals and project work.

The students in the institute use well-developed sports facilities in the sports department of Institute of Science which consists of a big yoga hall, two four-station gyms, four table-tennis tables and standard badminton

courts. An oval shape play ground is available for students for playing outdoor games such as cricket, football, racing, etc. A basketball court as well as a volleyball court of standard dimension is also available for the students.

For conducting cultural activities, a covered auditorium admeasuring 27mX15 m with a stage admeasuring 15mX7 m is available. Two badminton courts are made in this auditorium which are used by students to play during free time.

157.71 lakh rupees have been spent on the infrastructure augmentation excluding salary in the last five years. This money is utilized for the augmentation of academic facilities as well as physical facilities.

The library of the institute has 3031 titles of books. It is partially automated and uses *Libman Library Management system* for managing the library. 35.27 lakhs have been spent for purchasing books in the last five years.

The entire Institute is WiFi enabled with 10Mbps internet bandwidth and adequate number of computers with a ratio of 1:4 are available to the students.

Student Support and Progression

The institute is supportive to the students and make them aware about the various scholarship schemes of the government. This has benefited the students and over 36% have availed the scholarship provided by the government.

The institute has taken several initiatives to enhance the skill of students. Guest lectures have been organized to improve their soft skills as well as communication skills. It is well said that health is wealth, keeping this in mind institute has taken many initiatives by organizing programmes on Yoga, Dental Health Check Up Camp, Employees Health Check Up Camp, meditation.

Career counselling and placement cell is one of the active cell of the institute. Programmes are arranged for the students to make them aware about various competitive examinations and the required preparation. This has resulted in 149 placements in various companies and government sector. About 44 students cleared NET and SET examinations either for JRF or Lecturerships. The Institute result is also very good and is 86%(average) over the last four years. Around 145 students have opted for MSc Forensic Science either in our Institute or at other institutions of repute like GFSU, NICFS etc.

The institute has zero tolerance for the malpractices like ragging and sexual harassment. The provisions in anti-ragging and sexual harassment statute are implemented strictly whenever needed. The anti-ragging cell and women's cell meets often for the redressal of the complaints, if any, and are solved in time and in the impartial manner.

Our student not only performed in academics but also shined in sport and cultural activities as well. Students took part in various events organized by the institute as well as other institutions. In total 29 medals and awards were bagged in various cultural and sports events.

The institute believes in participative culture. We involve students in various bodies and committees and give them chances to show their administrative and leadership skills.

Since the institute is new, we don't have a strong alumni which can help us financially. But the alumni are instrumental in guiding the students for planning their future and placements.

Governance, Leadership and Management

The Institute is governed by policies and regulations laid down by the Higher and Technical Education Department of Government of Maharashtra. At the institutional level, the governing and administrative powers are vested with the Director and further delegated to the Head of the various departments.

All the actions and planning is in line with the Vision and mission of the Institute with the motto **Knowledge to Justice**.

The institute attains the goal of good quality and scientific temperament of education through decentralization of power and responsibility, and participation of various stakeholders of the institute. Academic, co-curricular, extra-curricular and financial activities are managed by various committees in consultation with Director of Institute.

Our institute plans various academic, administrative, financial and extracurricular activities in systematic and strategic manner and deploys them in efficient and effective way. All the activities are successfully planned and implemented in participative and decentralized manner.

E-governance is implemented in almost all wings of administration.

Being State Government of Maharashtra owned higher educational institute, all the welfare measures of Maharashtra Government are applicable to us. At the institutional level, our institute employees have established an employee's credit cooperative society on collective and cooperative basis, which carry out different welfare schemes.

Faculty members are encouraged to attend various training programmes. Almost all faculty members have participated in various training programmes.

Our Institute has effective ways to conduct the performance appraisal of its teaching and non-teaching staff. Annual Confidential Reports (CR) are filled at the end of each academic year by both teaching and non-teaching staff for their assessment

Internal Audits are conducted regularly for various events conducted at the Institute including audit done by the hired chartered accountant. The audited report is then submitted to the Institute. Being a government run Institute, the external audit is conducted by Auditor General, Nagpur.

IQAC has been active in the institute to ensure the quality assurance in the institution. Several initiatives are taken by the IQAC over the last five years which helped the institution in getting 100-150 rank in the NIRF ranking.

Institutional Values and Best Practices

The Institute is very sensitive about the gender equity and sensitization. 12 programmes have been conducted pertaining to gender equity and sensitization in the last five years.

Institute have nearly 70% girl students and 40% women employees. CCTV surveillance, security guards in the institute and hostels campus ensures the safety. For counselling of the students, Teacher-Mentor Scheme is implemented. Several awareness programmes have been organized related to Self Defence, Health, Yoga, etc by the NSS unit.

Common room, separate Yoga and meditation room and state of the art gymnasium for the female students and staff is available in the physical education department. Health check-up camps are organised every year

The Campus is green with canopy of many trees with garden in the campus..

The institute uses solar panels to light the street lights within the premises. Institute is taking various steps for the collection, segregation and disposal of the different types of wastes produced in the institute. Biodegradable waste is collected and sent for the vermicomposting plant in the campus of the institute. Liquid waste generated in the various laboratories is disposed as per the prescribed methods. Water harvesting system is in place in the institute.

The institute is divyangjan and disabled friendly and provides ramps, disabled-friendly washrooms, signage including tactile path, lights and display boards.

Institute takes efforts and initiatives in providing an inclusive environment to maintain the tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities. We also sensitize students and employees of the Institution about the constitutional obligations. Institute emphasizes on code of conduct for students, teachers, administrators and other staff.

Institution regularly celebrates / organizes national and international commemorative days, events and festivals. 82 such programmes have been conducted in the last five years.

We are the only institute in the region to rank between 100-150 in the NIRF rankings for providing quality forensic science education. It is one of the institute's distinctiveness.

"Natural farming" and "Creating Awareness of Forensic Science amongst Law Enforcement Agencies and Public at Large" are the two best practices adopted by the institute in last five years.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	GOVERNMENT INSTITUTE OF FORENSIC SCIENCE
Address	R T Road Civil Lines Nagpur
City	NAGPUR
State	Maharashtra
Pin	440001
Website	www.ifscnagpur.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	Ramdas Atram	0712-2534503	9011097694	0712-2534504	ifscngp@ifscnagpur.in
IQAC / CIQA coordinator	Rajesh Patil	0712-2561148	9890359291	0712-2545582	rvapatil@yahoo.com

Status of the Institution	
Institution Status	Government

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	22-07-2011

University to which the college is affiliated/ or which governs the college (if it is a constituent college)				
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	19-10-2017		View Document	
12B of UGC				
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				

Details of autonomy	
Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No

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?	Yes
If yes, name of the agency	National Institutional Ranking Framework
Date of recognition	11-06-2020

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	R T Road Civil Lines Nagpur	Urban	12.31	11189.62

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,Forensic Science	36	HSC Science	English	150	113
PG	MSc,Forensic Science	24	BSc in forensic science	English	40	20
PG Diploma recognised by statutory authority including university	PG Diploma, Forensic Science	12	graduate with biology as one subject	English	40	0
PG Diploma recognised by statutory authority including university	PG Diploma, Forensic Science	12	graduate with mathematics as one subject	English	40	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	5				6				23			
Recruited	1	0	0	1	2	0	0	2	13	4	0	17
Yet to Recruit	4				4				6			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				31
Recruited	22	5	0	27
Yet to Recruit				4
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

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

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	2	0	0	3	1	0	7
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	10	3	0	13

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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	16	0	0	16

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

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

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	33	16	0	0	49
	Female	97	24	0	0	121
	Others	0	0	0	0	0
PG	Male	4	0	0	0	4
	Female	33	3	0	0	36
	Others	0	0	0	0	0
PG Diploma recognised by statutory authority including university	Male	27	0	0	0	27
	Female	35	0	0	0	35
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	22	19	4	10
	Female	39	33	32	38
	Others	0	0	0	0
ST	Male	0	2	3	5
	Female	9	15	11	8
	Others	0	0	0	0
OBC	Male	32	27	22	27
	Female	81	94	98	112
	Others	0	0	0	0
General	Male	14	12	17	22
	Female	44	41	46	54
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		241	243	233	276

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
76	76	76	76	76
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2019-20	2018-19	2017-18	2016-17	2015-16
4	4	4	4	4

2 Students

2.1

Number of students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
272	276	233	243	241
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

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

2019-20	2018-19	2017-18	2016-17	2015-16
196	200	170	190	183

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
138	131	99	101	105

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
20	19	18	18	17

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
34	34	34	34	34

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 7

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
119.18539	43.46470	53.84248	93.13274	30.32941

4.3

Number of Computers

Response: 65

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum delivery through a well planned and documented process

Response:

Our Institute aims to emerge as a global consortium of Forensic education & research so as to lead to prosperity, integrity and peace. We aim to provide affordable world class forensic education while creating a conducive environment that foster critical thinking, creativity and innovation amongst students and faculty. Keeping our vision and mission in mind, the Institute has a strong focus on teaching and learning process.

Syllabus/Curriculum: The syllabus of the various courses was initially designed by the Expert committee under the supervision of the head of the Advisory group who was also the former Director of Directorate of Forensic Science Laboratories, Mumbai. The syllabus was drafted keeping in mind the need of the hour to make available well-educated experts in the field of Forensic Science and was approved by the Board of Studies of RTMNU Nagpur. The syllabus has been updated and upgraded recently to incorporate new topics and removed any inadvertent repetitions, keeping in-view the needs of the academia and industries. The subjects have well defined program objective, course objectives, course outcome, teaching pedagogy, units, credits, hour/classes allotted and suggested readings. These are explained to the students at the beginning of the session. Any doubts are removed by thorough discussion.

Time-Table/Teaching Plan/Syllabus Completion: Every teacher prepares their academic teaching plan in accordance with the academic calendar of the University as well as the Institute. The time-table of the Institute is prepared to make optimum utilization of resources i.e. classrooms and laboratories. The classrooms are well equipped with blackboards/marker boards, digital boards and projectors/OHP. The syllabus is completed well within time.

The theory portion of the syllabus is covered by making use of the different methods of teaching-learning like lecture, demo, seminars, video lectures, use of google classroom, google forms, Swayam, MOOCs, case studies, etc. The practical portion of the syllabus is covered using experimental learning. Apart from routine laboratory work, practical, include mock crime scene investigation, crime scene reconstruction, use of models, charts and dummies, hands-on training, sophisticated instrument demonstration/handling, etc.

Evaluation and Feedback: During the course of completion of syllabus, the teachers conduct various tests,

Including surprise tests, quiz, gives assignments to the students to evaluate the performance of the students. The analysis of the results of the preliminary examination is carried out at subject level as well as

department level. The valuated answer books are discussed with the students to suggest them the necessary corrections for improvement. Remedial classes are conducted for the students with average and below par performance.

The final/end semester examinations are conducted by the affiliating RTM Nagpur University. The result analysis is undertaken which is later discussed with the students to evaluate the difficulties faced by them in the exam and to suggest course of action for improvement.

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

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

Each year before the starting of session the academic calendar is prepared in consultation with the Heads of department and their faculty members. The institute tries to follow this calendar throughout the year.

As per the government regulation all the birthdays of great peoples and International Yoga Day are celebrated.

Most of the departments form subject societies and various programs such as poster, model making competitions, elocution quiz etc are organized to know the hidden talents of students, are carried under it.

The women empowerment, gender sensitization awareness programs are carried out under Women Cell . Dental and Health Check up camps are organized for the wellness of students, teachers and non teaching staff members. Institute also arranged skilled developed programs like computer handling etc for non teaching staff members.

Every year the institute celebrates annual sports meet and cultural fest 'ANVISHYA' to show the extracurricular capabilities of the students. Events are organized by the students under the supervision of faculty members.

Based on the curriculum various assessment examinations like unit tests and written exams are regularly conducted as per the academic calendar proper evaluation review of the results is carried out by the respective faculty and head of the departments.

Every year NET,SET and Competitive exam preparation classes are conducted for the guidance of students.

The students which are slow learners for them the remedial classes are conducted.

Extension lectures presentations , seminars, surprise tests, guest lecturers of eminent personalities are analyzed which supplements the routine classroom teaching as well the communication skills of the students are built through aptitude session, critical thinking, group discussions and interviews to maximize placement.

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

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: B. Any 3 of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

Response: 25

1.2.1.1 Number of Programmes in which CBCS / Elective course system implemented.

Response: 1

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	View Document
Institutional data in prescribed format	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 1

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2019-20	2018-19	2017-18	2016-17	2015-16
01	00	00	00	00

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 2.72

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
37	00	00	00	00

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	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:

In the current scenario issues like Gender equality, environment protection professional ethics have got prime importance. The institute has tried to incorporate these issues into curriculum for the benefit of students and society at large. As per UGC guidelines, Environmental Science is kept as a compulsory subject in the curriculum of B.Sc. second year.

Women's cell of Institute addresses the issues related to gender bias. The cell works for empowerment of girls students in the Institute. A committee named Internal Complaints Committee under Vishakha Guidelines is also constituted at institute so as to enforce the provisions of Sexual harassment of Women at Workplace Act, 2013. The Committee not only functions for girls but it arranges gender neutral programmes for girls and boys so as to achieve the objective of gender equality and thereby sows human values in the students of Institute.

Human Values:

Birth Anniversaries of eminent personalities are celebrated in the campus so as to inculcate the great values amongst students by the life history of the great personalities.

Blood donation camp is being held in the college every year to make students realize the importance of life and to develop sense of compassion towards others by way of donating blood.

As per the guidelines of the Supreme Court there is an anti-ragging cell in the college which keeps check upon the ragging and related activities committed by students and if any complaint will be there the Anti-ragging committee function to provide support and assistance to the victim.

For inculcating Human values and ethical practices Institute organizes seven days NSS camp every year. This camp is organized at remote village far from city and students are guided to do all the activities starting from cooking their own food etc to rendering social services in villages by themselves. This camp helps them to work in groups and nurtures human values among them. Within those seven days of camps, students organize street plays on different social issues so as to create awareness among the masses about the prevailing social problems and suggest remedies for prevention of those problem. With this activity students mix up with the village masses and try to educate them about the knowledge they unaware about. Students are made more responsible by participation in socially relevant activities like visit to village, orphan and hostels etc.

The classroom discussion focuses on scientific integrity, ethical behavior, ethics standards and various examples of ethics violation and misconduct in forensic science community. Ethical issues regarding evidence handling, data analysis, and courtroom testimony used to discuss and the students are introduced to the important and sensitive issues related to professional integrity and ethics. **The code of ethics for teacher as well as for students is already published on the institute website**

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 100

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
04	04	04	04	04

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Any additional information	View Document

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

Response: 50.37

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

Response: 137

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni

Response: B. Any 3 of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

- 1. Feedback collected, analysed and action taken and feedback available on website**
- 2. Feedback collected, analysed and action has been taken**
- 3. Feedback collected and analysed**
- 4. Feedback collected**
- 5. Feedback not collected**

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 86.04

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

2019-20	2018-19	2017-18	2016-17	2015-16
272	276	233	243	241

2.1.1.2 Number of sanctioned seats year wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
300	300	300	290	280

File Description

Document

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 100

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

2019-20	2018-19	2017-18	2016-17	2015-16
196	200	170	190	183

File Description

Document

Average percentage of seats filled against seats reserved

[View Document](#)

Any additional information

[View Document](#)

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

Response:

The institution assesses the learning levels of the students, after admission and organises special Programmes for advanced learners and slow learners

Observation of students's behaviour is a key in identifying slow and advance learners. Observation technique is conducive for ascertaining the educational, recreational, occupational and extra-curricular interest of students.

Identification of Advanced and Slow Learners

To achieve this teacher engages in one-to-one interaction with the students. The students are also encouraged to interact with each other in presence of the teacher. The teacher during such sessions is able to understand the students' abilities and skills.

Class seminars, discussions are also carried out to assess the students for their scientific aptitude and language skills.

In the laboratories, the students are instructed to organise the practicals on their own.

Class tests, surprise tests, assignments are carried to identify the aptitude of the student and the analysis of results of such activities are helpful in the identification and classification of Advanced and Slow Learners.

Catering to Advanced Learners

The advanced learners of postgraduate courses are given access to research journals and internet facility on priority basis.

The students who show aptitude to organise practicals on their own are encouraged developing research skills and necessary help is forwarded to them.

Advanced learners are encouraged to apply for internships and mini-projects in institutions of repute.

The advanced learners are given tougher, trickier and complex situations and questions wherein they used their skills to solve/answer them.

The advanced learners are given incentives such as receiving extra books from the library.

The advanced learners are also encouraged to motivate their fellow students and their juniors.

Catering to Slow Learners

Slow learners are encouraged to study in groups and their problems are sorted on priority basis.

Remedial classes and extra classes are arranged for such students.

The teacher - student mentor scheme also allows the teachers to know about the respective difficulties faced by the concerned student which hinders his/her learning abilities. This input is shared with other teachers who in turn take corrective paths for the improvement of the students.

Learning was made fun and comfortable instead of burden. Some activities were included in the teaching-learning so that the topic is better understood rather than being just abstract. The slow learners were found to be getting better indulging in the activities than they were in the classroom teaching.

Slow learners are generally found to skip classes. The institute's robust attendance monitoring system enables the teachers to address this absenteeism and bring the student back to classes.

File Description	Document
Upload any additional information	View Document

2.2.2 Student- Full time teacher ratio (Data for the latest completed academic year)

Response: 14:1

File Description	Document
Any additional information	View Document

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

Response:

Learning is enhanced when students are given the opportunity to operate outside of their own perceived comfort zones. Hence, the students were motivated to move outside their comfort zones.

The students are asked questions during the lectures and are made to answer them. The answers from various students are discussed and their knowledge is enriched.

The teacher tries to extract the proper answer by enhancing the student's knowledge and guiding him towards excellence.

Seminars and presentations are arranged by giving them specific topics. The topic is sometimes provided by the teacher or sometimes the student is allowed to choose the topic of his interest.

The students are given home assignments to enhance their problem solving aptitude and to inculcate scientific temper.

The students are encouraged to organise practicals on their own which helps in enhancing their laboratory experience. This also enhances their skills in handling various equipments and instruments.

Sophisticated instruments are made available to postgraduate students for their projects and practicals.

Activities like model building, poster making, 'learn by doing', student teaching, etc. are used to enhance their skills.

The students are encouraged for poster, paper and model presentations in different conferences and competitions at Intercollegiate, University, State and National level.

Students are asked to reconstruct hypothetical crime scenes during practicals. The students are encouraged to formulate the sequence of events and formulation of the theory of crime.

The students are imparted soft skills training (oratory, analysis, writing skills etc.).

They are promoted to use library and e-learning resources for their academic improvement.

File Description	Document
Upload any additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

The students of the current generation are well versed with information technology and related gadgets. It becomes imperative for the teachers to use the same platforms for effective dissemination of information and knowledge.

The institute has ICT enabled classrooms where the teacher has interactive board, visual presenter at their dispensation. The teachers use these to teach text with audio-visual aids. The audio-visual aids improve the perception and understanding of the subject. It has been seen that the the course work can be completed effectively with less consumption of time. This time can be utilised for additional discussion and sharing of additional information. The presentations so prepared are also shared with the students through different electronic media such as Email, Google Groups and WhatsApp.

Web based applications such as moodlecloud are used by some teachers to disseminate their lectures. The platform can also be utilised to share information with a bigger student community. The inputs from the students, verbally and through email, have helped in improving the quality of the material. Some teachers

also have websites through which they share their study material.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

2.3.3 Ratio of students to mentor for academic and other related issues (Data for the latest completed academic year)

Response: 14:1

2.3.3.1 Number of mentors

Response: 20

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 54.12

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with 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: 24.68

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. /*

D.Litt. year wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
7	5	4	4	3

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)

Response: 4.2

2.4.3.1 Total experience of full-time teachers

Response: 84

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document

2.5 Evaluation Process and Reforms**2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode****Response:**

Internal assessment plays an important role in gauging the knowledge gained by the student. The institute holds different types of internal assessments to achieve this.

Unit tests are taken on regular basis after completion of each unit. Such tests help the students in understanding the preparedness for the said topic. The teacher can also identify the slow learners from such tests. The marks are recorded and the students are informed about their performance.

Sometimes a surprise test is also conducted so as to test the preparedness of the student as well as their attentiveness in the class.

Regular Home-assignments are given to the students so that they can prepare the chapters topic and

subtopic wise. This also increases their engagement with studies when they are at home.

Class Assignments are conducted whenever they are seemed necessary.

Seminars are organised for BSc III and Post graduate students to improve their communication, oratory, soft skills and subject skills.

Group discussions are generally organised during practicals and in the classroom to engage the students for better understanding.

Preliminary examinations are conducted before the end of semester so as to prepare the students for their University Examinations.

The questions for all the students are same and are evaluated by the same teacher or a panel of teachers. The students are given their marked answer copies and are allowed to discuss with the respected teacher about the difficulties and grievances. The marks are openly displayed and are allowed to be rectified if any error creeps in. The discussions in such cases are fair, justified and given on case to case basis.

File Description	Document
Any additional information	View Document

2.5.2 Mechanism to deal with internal/external examination related grievances is transparent, time-bound and efficient

Response:

A student grievance cell has been constituted and it is empowered to address the grievances related to continuous internal evaluation as well. The student can also discuss with his mentor regarding his/her grievances about the internal evaluation. The mentor guides him/her in this matter and may even take up the matter with the concerned teacher.

All classes have been assigned class-teachers. The students are at liberty to discuss such grievances with them as well. The class teacher on the basis of the grievance takes the necessary corrective action.

Feedback is taken formally at the end of the year in a prescribed format which has questions pertaining to internal evaluation. The teachers and the head of the institution also take informal feedback throughout the year. Stress is given to address the problems at the earliest so that students benefit and does not suffer.

For grievances related to examinations conducted by the university, the student can apply for revaluation in the prescribed university format.

File Description	Document
Any additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Response:

The institute has stated the Program Outcomes, Program Specific Outcomes and Course Outcomes and communicated it to the teachers and students through,

- Institute's website, www.ifscnagpur.in
- Institute's prospectus
- The head of the institution discusses the POs, PSOs and COs with the teachers at the beginning of each session.
- An induction programme is conducted for BSc I year students to give them a flavour of the course, its contents and its outcomes.
- The teachers interact with the students in the beginning of the each session and give introduction to them about the course and its needs.

The teachers also make aware the students about the specific needs of course during the lectures and practicals

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document
Upload any additional information	View Document

2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution.

Response:

Course Outcomes, Program Outcomes, and Program Specific Outcomes are required to be evaluated to measure the knowledge, skills, and behavior of students for the continuous quality improvement.

The outcomes are measured by analyzing the different modes of internal evaluation (viz. seminars, assignments, tests) as well as the university exam results.

The success of our students in the admission tests of other HEIs and examinations such as NET are an measure of the quality improvement of our students. The placements of our students in various private sector companies as well in government labs is another metric of the quality of our students

The participation of the students in different co-curricular and extension activities are also recorded and they are a good measure of the quality improvement in the students' behaviour and skills.

The analysis is put forward in departmental and institutional meetings with the HOD and the Head of the institution respectively. The discussions so held in the meetings help the faculties and the heads to monitor the progress of the students. The recommendations put forward are put to practice from the next academic year to improve the teaching-learning process

File Description	Document
Upload any additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 83.32

2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
114	115	86	83	81

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

2019-20	2018-19	2017-18	2016-17	2015-16
138	131	99	101	105

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.2

File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document

NAAC

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, Chairs in the institution during the last five years (INR in Lakhs)

Response: 0

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)

2019-20	2018-19	2017-18	2016-17	2015-16
00	00	00	00	00

File Description

Document

List of endowments / projects with details of grants

[View Document](#)

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 0

3.1.2.1 Number of teachers recognized as research guides

Response: 00

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 0

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
00	00	00	00	00

3.1.3.2 Number of departments offering academic programmes

2019-20	2018-19	2017-18	2016-17	2015-16
06	06	06	06	06

File Description	Document
List of research projects and funding details	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:

Our Institute plays an important role in inspiring and supporting an ecosystem for research and innovation. Even though it doesn't have a recognized incubation center, through its qualified faculty members and enthusiastic students, it has flourished academically. The faculty members of our Institute include Professors, Associate Professors, Assistant Professors duly selected by Maharashtra Public Service Commission. Faculties are members of prestigious academic bodies syllabus setting committee, moderation committee, paper setting and valuation, Board of Studies, RRC, etc. of the affiliating RTM Nagpur University and other Universities. Being a young Institute, we are at a distinct advantage of having young and dynamic faculties. Out of 20, seven are doctorate holders while 12 have registered themselves for their doctoral degree.

The institute has also begun the process of getting itself recognized as a research center of the affiliating university. Our shortcomings have not restricted us from publishing 100+ research papers in journals and 30+ chapters and books by Publishers of International and National Repute. Through strategic research collaborations and partnerships with fellow researchers from the field, we have managed to overcome the shortcomings that we had foreseen.

Through the Forensic Science Expos organised by the Institute itself as well as by participating in other expos organised by Nagpur City Police Commissionerate, Superintendent of Police Bhandara District, KUTUHAL by Vigyan Bharti, etc. the Faculties as well as the students have disseminated the knowledge of Forensic Science to public at large. The faculties of the Institute have been instrumental in providing training and guidance to Police officers on various aspects of Crime Scene Investigation. Several faculties have been called as "Expert" to deliver talks and lectures in various Institutes of repute. Faculty members also serve as recognized reviewers for several reputed Journals from International publishers (such as Elsevier, Springer Nature, Taylor & Francis, PLoS One, Cell Press, Sage, etc.).

The teachers have managed to pass on the enthusiasm to the students as well. The students are encouraged for participation in seminars, conferences, competitions and also present their ideas and research. The students as well as faculties have won several awards for poster presentations, paper presentations, best models, etc. Projects and Ideas have been shortlisted under the NAVIN scheme and AVISHKAR schemes. Students have also published/co-authored research articles. As a part of their curriculum, the final year P.G. students and PG Diploma students are encouraged to identify research problems in various fields of

knowledge and submit their detailed reports/findings in the form of dissertation.

The institute has a range of sophisticated and modern instruments such as Video Spectral Comparator, HPLC, GC, FT-IR, Gel Doc, Phase Contrast Microscope, UV-VIS Spectrophotometer, etc. to facilitate the students and teachers for their research. The library is well stocked with a very large number of books on various aspects of Forensic Science. Students are encouraged to make use of the online Open Access resources.

Thus, our institute has created an ecosystem conducive to innovations and transfer of knowledge to the society with access to all.

File Description	Document
Upload any additional information	View Document

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

Response: 7

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

2019-20	2018-19	2017-18	2016-17	2015-16
3	2	1	1	0

File Description	Document
List of workshops/seminars during last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 0

3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years

Response: 00

3.3.1.2 Number of teachers recognized as guides during the last five years

Response: 00

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 1.9

3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
20	02	05	04	04

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document

3.3.3 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: 1.09

3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
10	07	01	01	01

File Description	Document
List books and chapters edited volumes/ books published	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:

We, at Government Institute of Forensic Science, Nagpur, strongly believe in the notion of creating a peaceful society while imparting quality education to students, common man and professionals alike. Keeping this in view, the students under the guidance of the faculties of the Institute are involved in various extension activities for the overall development of themselves as well as the society at large. They act as messengers and torch bearers of awareness in the society.

Since the inception of the Institute as well as during the last five years, various activities have been carried out to create social awareness and to sensitize the society regarding issues of importance and relevance.

The students of the Institute through its NSS unit are actively engaged in activities to create awareness like Tree plantation drive in association with the Rotary Club of Nagpur; Cleanliness drive under the 'Swachh Bharat' scheme; celebration of 'Constitution day' by taking out a rally and (essay, quiz) competitions; celebration of 'Sadbhawana Diwas'; organizing yearly blood donation camps and donating the blood to the government blood banks; taking the students to Special Residential Camps at villages near Nagpur and carrying out awareness drives and cleanliness drives in those villages; Awareness about 'Blind Faith/Black Magic' through demo lecture; fundraising for the flood affected; Science day celebration; and Celebration of birth anniversary and death anniversary (Punyatithi) of leaders and inspirational personalities. The students have also made three short films on socially relevant issues like 'The Butterfly Effect' (Swachh Bharat), 'Kaash' (Cardio-Pulmonary Resuscitation) and "Kick-that-Butt" (Anti-Tobacco).

The students of the Institute have actively participated in the Drug Awareness Drives organized in association with the NDPS Cell of Crime Branch Nagpur City Police; Cyber Crime Awareness drives organized in association with Cyber Cell of Crime Branch Nagpur City Police; Road Safety Awareness Drives, week and rallies in association with the Traffic Branch of Nagpur City Police; Guest lectures by the police officers of Maharashtra Police on issues of relevance and educational visits to the Police stations, Cyber Cell, NDPS Cell, Crime Branch of Nagpur City, National Fire Service College Nagpur, among others.

"Forensic Science Expo" organised by the Institute in association with the Special Inspector General of Police Office Nagpur Range offered an excellent platform for the students to get aware and create awareness among the students of several schools, colleges, Institutes, Parents, teachers and general public regarding the various branches of Forensic Science. The students have also participated in the different 'Tech Expos' organised by Nagpur City Police Commissionerate, Superintendent of Police Office Bhandara as well as the grand Science exhibition 'KUTUHAL' organised by Vigyan Bharti.

All the above activities along with many others are having a long-lasting impact on the lives of the students involved along with the lives that they touch. They develop a sense of social responsibility, creativity as well as respect for humanity. The students have developed a sense of independent critical thinking, innovation and are prospering in various fields.

File Description	Document
Upload any additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 6

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
0	1	2	2	1

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Response: 31

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

2019-20	2018-19	2017-18	2016-17	2015-16
12	11	4	2	2

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years**Response:** 108.15**3.4.4.1 Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year-wise during last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
558	419	90	265	87

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration**3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year****Response:** 31**3.5.1.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
7	5	9	5	5

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 4**3.5.2.1 Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years**

2019-20	2018-19	2017-18	2016-17	2015-16
02	01	00	01	00

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Response:

Institute of Forensic Science was established in 2011 with the mission of providing training to students to build independent career and guiding them in the areas of creating job opportunities and self-employment in the field of forensic Science.

This institute utilizes shared infrastructure of institute of science (vide Govt. Resolution No: NGC 2011/(20/11) Ma.Shi 4) which is centrally located in the prestigious Civil Lines area of Nagpur and designated as "Heritage building".

Institute of Forensic Science is functional in the premises of Institute of Science consisting of five classrooms with advanced ICT facilities having an average area of 790sq. ft. each for undergraduate and postgraduate students. Institute also runs two diploma courses; the same classrooms are shared with proper time table management.

Time table is so adjusted that without any overlapping of theory classes are smoothly conducted.

Institute uses well established laboratories of Institute of science for carrying practical's. UG and PG practical's for forensic science, forensic chemistry, forensic physics, forensic biology, and forensic psychology in shared way. The practical sessions are so adjusted that there is no overlap with practical's of Institute of Science.

It has well equipped central laboratory with sophisticated instruments like thermal cycler, gel documentation system, research microscope, HPLC, IR, GC, UV-visible spectrophotometer for post graduate students and research. There is a separate cyber laboratory equipped with 65 PCs and 02 servers with recent software's related to cyber forensics

The institutes central library established in 2011. It has a small reading room with capacity of 20. Library presently holds 2878 books and 45+ CD and DVDs.

The Institute utilizes playground with area 2,17,800 sq. ft. present within the campus where intercollegiate sport events are conducted.

The gymnasium is also well equipped with modern gym instruments for health care of the students.

An open stage for cultural activities is present within premises and a well facilitated seminar / conference hall with a 250-seating capacity is available for the students to carry out various academic activities. All these facilities are shared facilities with the Institute of Science.

The infrastructure even though shared is well managed to satisfy all needs of students.

File Description	Document
Upload any additional information	View Document

4.1.2 The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

Response:

The Institute has a playground admeasuring 05 acres.

The institute has facilities for sports (outdoor & indoor) viz. Badminton, Carrom, Volley Ball, Table Tennis, Chess, Cricket, basketball, Football (Soccer) & events in athletics. Various sports events and extracurricular activities are organized in the Institute ensuring a holistic development of the students. The students are encouraged to participate in intercollegiate and University sports events, youth festival, Interuniversity, state and national level tournaments etc. Students participated in various sport events are provided with travel Concessions for participating in various Competitions. During the sports events, special kits and other necessary sports accessories are made available by the Institute to the participating students. The prize winners of the various sports activities are felicitated with prizes/certificates. The gymnasium is also well equipped with modern gym instruments and students uses them fitness.

The cultural committee provides a platform to the students to participate in various competitions and socio-cultural events. The main aim of the cultural committee in hosting cultural events is to build up and nurture confidence in the students, ensure an all-round development and encourage qualities like organizational ability, leadership, public speaking, team spirit, sportsmanship, crisis management etc. An auditorium with a sitting capacity of six hundred is used for conducting annual social gathering and conferences, workshops, meetings and other academic events. It is also used for indoor games, Yoga, health and hygiene etc.

File Description	Document
Upload any additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 42.86

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 03

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 46.7

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
18.88043	19.15966	27.51582	68.00915	14.99997

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

The college has central library established in 2011 with a collection of 541 book, presently holds 3031 books and 45+ CD and DVDs.

The reading room shared with Institute of Science, Nagpur is well furnished to accommodate students at a time and provides conducive environment for study.

Library Automation:

- The college adopted Library Management Software (Lib Man) in September 2017 which integrates all data and processes of library into a unified system.

- To reduce manual intervention, this Library Management software is really helpful tool which can bring the changes into the Library automation Software and makes the transactions fast and secure.
- Almost 90% of Data Entry of Books is done. Bar-coding of Books is a continuous activity.
- All the active book collection is updated in the Lib Man Library Management Software database and the Web OPAC is available for the users from two terminals in the library.
- The issue and return of books have been activated with the Library Management Software.

Web OPAC (Online Public Access Catalogue) facility is available

An online public access catalogue (often abbreviated as OPAC or simply “library catalogue”) is an online database of materials held by a library or group of libraries. Users typically search a library catalogue to locate books, periodicals, or other items under control of a library.

Information about documents can be searched using powerful search engine according to:

<ul style="list-style-type: none"> • Title • Accession No. • Author, Co-Author • Subject, Publisher • Class No., ISBN No. • Publication Year • Publication Place • Word in a Title Search 	<ul style="list-style-type: none"> • Combinational Search • Editor • Translated Books • Type of Document • Dissertation/Thesis Search • Claim & Reservation to Books • Belonging Search • Keyword Search
---	--

Name of the ILMS:Library Management Software (Lib Man)

Nature of Automation: Partial

Version: --

Year of Automation: 2018

Facilities available:

No of printers	01
No of Computers	03
Bar Code Printer	01

Bar Code Scanner	02
Photocopy Machine	01
Internet bandwidth	10 MBPS

File Description	Document
Upload any additional information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals**
- 2.e-ShodhSindhu**
- 3.Shodhganga Membership**
- 4.e-books**
- 5.Databases**
- 6.Remote access to e-resources**

Response: C. Any 2 of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 7.6

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
8.67	2.86	11.19	5.66	9.64

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	View Document

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 5.48

4.2.4.1 Number of teachers and students using library per day over last one year

Response: 16

File Description	Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

Institute has a good IT infrastructure facilities and is constantly updated over the years. Some of the IT facilities, available are ; WiFi, New computing systems (Computers, Projectors, Software, Applications, etc) ICT facilities, forensic software's etc.

Institute has the ICT facility in 04 classrooms with interactive teaching boards, LCD projectors and sound systems for better teaching learning experience. Teachers use interactive boards regularly in their classes.

The digital notice board is placed in the corridor which displays the notices and instruction to the student regularly.

Being the forensic science Institute with cyber forensics as one of the subject institute has updated the IT software in terms of web security and mobile security. The interactive simulator software (Kwick soft solutions Pvt Ltd) for crime scene simulation is available for the students by which various crimes are simulated and studied.

Institute has a dedicated website <https://www.ifscnagpur.in/> which is updated regularly to provide the students recent information and notifications of various events and programs in the institute.

The WiFi facility with a speed of 10 Mbps with 02 access points is available for the students and teachers for their regular academic activities. Around 315 (Students plus staff teachers) people are availing this facility and getting benefited.

The Institute also has LAN system in UG PG cyber forensic labs as well as in administrative office for

smooth of practical's and official work respectively.

File Description	Document
Upload any additional information	View Document

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

Response: 4:1

File Description	Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: D. 05 MBPS – 10 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average 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: 53.3

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)

2019-20	2018-19	2017-18	2016-17	2015-16
100.30496	24.30504	26.32666	25.12359	15.32944

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Response:

- The Institute utilizes the physical facilities to the fullest by providing easy access to high-end laboratory instruments to the students. Similarly, the proprietary and opensource software are made easily accessible to the students and teachers.
- The proprietary software's includes Encase Forensic Edition, Matlab, Cell phone Forensic suite, Speaker verification, WinHex, etc. provided to the students for regular practice in cyber forensic investigation. Whereas the open source software's such as "The Sleuth Kit, Helix etc are also made available for students.
- The UG and PG students are availed with free to use laboratory equipment's in different laboratories such as Forensic Science, Forensic Biology, Forensic Chemistry and Forensic Physics. The sophisticated instruments like, Visual Spectral Analyzer, ESDA are routinely used by students for Questioned documents and Fingerprints analysis. The molecular equipment's like Polymerase Chain reaction (PCR) thermocycler is provided to students for DNA amplification studies and Electrophoretic analysis. Similarly, the Inverted Microscopes and Stereo microscopes attached with camera systems are used by students for routine microscopic studies. Students are familiar with microbiological instruments such as Laminar Air Flow (Biosafety Cabinet) and Autoclave. The laboratories are equipped with ELISA reader, FTIR, GC (Gas chromatography) for toxins analysis.
- The library is equipped with a semi-automated Integrated library management system, which provides easy monitoring of the book accession. The library management system includes OPAC system with the help of which user can search books by different tags like: Title, Author, Publisher, Subject and Keywords.
- User would be able to see information regarding the book like Author, Publishers, Publication year, Accession numbers with Series code, ISBN, Quantity of Book, etc.
- The students of the institute benefitted by the shared facility of sports ground (2,17,800 Sq. Ft) and gymnasium with the Institute of Science Nagpur. It holds the best sports materials and Gym equipment, its utilization resulted in several prizes and awards in sports at various levels by the students of the Institute.
- The Institute bears the Open auditorium (4360.00 Sq. Ft.) of about 600 people capacity for annual cultural programs, it has large stage with two wings, students of all the classes utilizes the facility by showcasing their talent in these programs.
- The General maintenance of building is done by Public Works Department (PWD) Maharashtra state through routine repairing, painting, furnishing etc. The PWD department has dedicated team consisting of qualified Architect, Interior Designer, Civil Engineer, Structural Engineer supported by plumbers, electricians, carpenter, gardeners, masons, painters work as per requirements

ofinstitute.

- The cleaning and sweeping of the campus are done by on roll employees in the Institute the laboratory cleaning is ensured by laboratory attendants in the respective labs.
- The maintenance of Security of campus is achieved by State security Board. The CCTV cameras are installed at various key points at Institute which ensures the more secure environment in campus the maintenance of CCTV camera is done by Jinet Multi Services Nagpur.
- The laboratory maintenance of Institute is done by AMC for certain instruments whereas the rest of the instruments are maintained by private agencies whenever required.
- The Computer servers, Internet facilities (WiFi, LAN, etc) are maintained by AMC (Jinet Multi Services).

File Description	Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 41.07

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

2019-20	2018-19	2017-18	2016-17	2015-16
155	121	51	97	103

File Description

Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
00	00	00	00	00

File Description

Document

Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)

[View Document](#)

5.1.3 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
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 12.84

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

2019-20	2018-19	2017-18	2016-17	2015-16
29	15	87	12	14

File Description	Document
Number of students benefitted by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 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 any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 4.84

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
1	10	3	12	1

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 0

5.2.2.1 Number of outgoing student progression to higher education during last five years

File Description	Document
Details of student progression to higher education (Data Template)	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/

Civil Services/State government examinations, etc.)

Response: 40.33

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
8	5	9	7	1

5.2.3.2 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

2019-20	2018-19	2017-18	2016-17	2015-16
15	15	20	10	00

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 12

5.3.1.1 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) year-wise during the last five years.

2019-20	2018-19	2017-18	2016-17	2015-16
7	1	2	1	1

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

5.3.2 Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities following duly established processes and norms (student council, students representation on various bodies)

Response:

In Government Institute of Forensic Science, Nagpur the students are given opportunities for all round development of their personality. In the Institute many different Academic Committees are established and students are the part of every committee. We are having separate Subject Societies of each department and in every Subject Society along with faculty members student's participation is present. They organize many different programs under the head of that Society. Starting from Inauguration of subject society till its validictory at the completion of academic year they organize many programs in the Institute. Institute provides our Students Council a platform to organize Teachers day program and Youth festival by name "Anvishya" every year. The total management of the Anvishya is handed over to Final year students under the guidance of faculty members. In the success of those programs, we can observe the administrative and management skills of our students and every year our students organize both programs very successfully. It helps to enrich their internal abilities of group behavior and manpower management. Institute is having Internal Women's Grievance Redressal Committee established under Vishakha guidelines for prevention of women from sexual harassment at workplace. Every year two student representatives i.e. one Boy's representative and one Girls representative were elected via general voting. Those members attend all the meetings of the Committee and also represent the grievance of students of the institute if any. Also these members along with faculty members of committee organize awareness programs for the students with regard to Sexual harassment of Women at Workplace.

We are also having an NSS Committee in our Institute. The Committee consists of a Program officer and some faculty members in it. Every year students were enrolled to participate in NSS activities. Several student sub committees are formed, these students organize many Social Service related activities like Swachata Abhiyaan, Awareness rallies, Street plays, tree plantation etc in the locality.

The faculty members also organize different co-curricular and extra-curricular activities for facilitate involvement of students in these activities. In the year 2017 we have organized a National Expo for outreach of our Institute to the common public. Along with staff students work hard for its grand success. We also organized Conference and seminars to open up academic platform to students. In such events students contributed a lot by their active participation. All these have helped them in grooming them for a better person.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 2

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2019-20	2018-19	2017-18	2016-17	2015-16
2	2	2	2	2

File Description	Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	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:

We have established an informal Alumni Association. Many students have registered themselves in it. Meetings are held at the time of Annual Social Gatherings of the Institute which serves as an important platform to connect the alumnus with the current students. Being a young Institute, the Alumni are establishing themselves in their fields of choice ranging from Forensic Science Laboratories to Teaching &/or Research positions in various Central and state Institutes, Research Laboratories and Universities of repute to Private organizations.

We have not taken any financial support/donations from our alumni at this stage. However, we are proud to mention that our Alumni have extended their support for the upliftment of the Institute and its students. Many of the campus placed alumni have continued their association in the form of intellectual contribution

which has resulted in benefitting more students than it would normally have in case of financial contribution.

A few examples are quoted herein. A former student of our Institute (Ms. Pooja Lohi) was dynamic in signing of the MoU with Prevoyance Cyber Forensic Ltd. wherein she was campus placed. She was influential in getting the rates of a capacity building course (Certified Secured Computer User (CSCU) courseware and renowned EC-Council certification reduced to Rs. 1000/- from the actual cost of Rs. 6000/- per student (in the year 2018-19) benefitting a total of 19 students (resulting in saving of Rs. 95,000/-). Likewise, in the following year (i.e. 2019-20) a total of 30 students benefitted by the reduced cost of the courseware and certification to Rs. 1500/- from the actual cost of Rs. 7080/- per student (resulting in saving of Rs. 1,67,400/-). This serves as an example of how wonderful the non-monetary contributions of our alumnus have been to our Institute. Even the direct donations might not have been even close to this amount saved (Rs. 2,62,400/-) and also the number of students benefitted (49 students) might not have been so many. The acquired certification also serves as an added advantage in the resume/CV of the students while appearing for interviews and provides them with an edge over their competition.

An ex-student of our Institute (Ms. Priya Itankar) was active in holding campus drive in association with the Placement Cell of the Institute while recruiting for positions in her company (Incognito Forensic Foundation) wherein she was the in-charge of recruitment. Around 45 students were selected/placed in her company in 2017.

Apart from this our alumni have helped in getting sponsors and working as subject experts for our Forensic Science Awareness programs like Forensic Science Expo, National Forensic Science Conference, National Forensic Workshop, etc. They have pledged their continued support and association in the future as well.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: E. <1 Lakhs

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of and in tune with the vision and mission of the institution

Response:

The motto of the Institute is “Knowledge to Justice” which holds true with respect to the knowledge imparted at the Institute. The main principles and ideology are reflected in the vision and mission statements.

Vision:

- To create a peaceful society by imparting world class forensic education to students, common man and professionals.
- To make the institute an all-inclusive center of excellence for forensic education, research and consultancy services.
- To make available well trained forensic experts.
- To support the police in criminal investigation process, thereby strengthening justice delivery system.

Mission

- To emerge as a global consortium of forensic education & research that will lead to prosperity, integrity and peace.
- To provide affordable world class forensic education through training, projects, research and investigation.
- To create conducive environment that foster critical thinking, creativity and innovation amongst students and faculty.
- To inculcate ethical values and encourage scientific temperament amongst the students and professionals.
- To provide training to students to build independent career and guiding them in the areas of creating job opportunities and self-employment.
- To enhance infrastructure, technology and ICT facilities and maximize capacity building of the students.

Our Institute incessantly aims to fulfil and accomplish the vision through persistent efforts and hard work. We, endeavor to work towards imparting quality education to the students, develop a cordial environment for the stake holders and educate moral ethics and human values in them.

The Institute is governed by policies and regulations laid down by the State Government. The policies are

framed by the Higher and Technical Education, executed by the Director of Higher Education. At the Institutional level, the governing and administrative powers are vested with the Director and further delegated to the Heads of the department for the proper functioning of the respective departments of the Institute and other committees for the participative working of the employees. Teaching members, non-teaching staff, students and alumni are the active members of the different committees reflecting the participative management and delegation for the smooth functioning.

Different departments are equipped with required laboratory facilities and instruments for imparting practical education to the students to meet with growing technology and advancements. Different programs under NSS are organized and anniversaries of social reformers are celebrated for inculcating moral and ethical values among students and other members of the Institute.

The Institute precisely follows the guidelines and norms laid down by the Directives of Higher and Technical Education, the affiliating university i.e. Rashtrasant Tukadoji Maharaj Nagpur University and University Grants Commission (UGC). The Institute makes consistent efforts to implement the mission and accomplish the vision of making the Institute an all-inclusive center of excellence for education, research and moral values with scientific temperament.

File Description	Document
Paste link for additional information	View Document

6.1.2 The effective leadership is visible in various institutional practices such as decentralization and participative management

Response:

Our Institute attains the goal of good quality and scientific temperament of education through decentralization of power and responsibility, and participation of various stakeholders of Institute. Academic, co-curricular, extra – curricular and financial activities are managed by various committees in consultation with Director of Institute.

Being owned by the State Government, higher level authority (Director of Higher Education) provides considerable freedom, autonomy and support to our Institute. All the level of management works on basis of team work, effective participation, cooperative manner, freedom and collective responsibility. The Director of Institute looks into regular, routine and micro level management for overall progress. The entire responsibility of administration primarily lies with Director of Institute.

The Director of institute holds regular meeting with Head of the Departments and committees to execute and review the academic and administrative plans respectively in effective and efficient manner. All the Heads of the Department are given academic flexibility and freedom to accomplish academic quality. Financial matters are handled by finance committee and Director of Institute. Our Institute orates collaborative work culture for teacher, non-teaching staff and in some cases, students and alumni.

Case Study on Decentralization:

Our Institute enriches the strength, capability and experience of teaching and non-teaching stakeholders by involving them into various curricular, co-curricular, extra-curricular and administrative activities. Each department has head of the department for proper academic management and academic flexibility. Head of the department communicate and co-ordinates with its colleague to discuss prepare and execute academic activities. Our Institute accomplishes administrative effectiveness by decentralizing the power, role and responsibility among various committees.

With reference to purchase of items, at the end session a requirement list of instruments, software etc.is called for from each department for next academic year along with its technical specification. The Purchase Committee is constituted in such a way that each department has its representation and accordingly the purchases of each department are made. The technical committee also has at least one member from each department which checks and verifies technical specification of the requirements obtained from each department. This makes things easier for the purchase of the items for each department. Finally, purchase committee makes the final decision keeping in mind the need of departments and fund distribution strategy among various departments.

Case Study on Participative management:

Every year Cultural and Art Committee of our institute organizes Annual Social Gathering to provide platform for IFScians to showcase their hidden talent. The in charge of this committee heads the gathering who communicate, co-ordinate and encourages each corner of stakeholder for its grand success. Various committees work enthusiastically and tirelessly aiming to reach highest level of success. Each committee is constituted with the parameter of at least one member from every stakeholder. After necessary sanction, each committee has free hand to implement its decision for faith of good. In this way annual social gathering achieves new height of grand success with actively participation of students, non-teaching and teaching faculty.

File Description	Document
Upload any additional information	View Document

6.2 Strategy Development and Deployment**6.2.1 The institutional Strategic / Perspective plan is effectively deployed****Response:**

Our institute plans various academic, administrative, financial or extracurricular activities in systematic

and strategic manner and deploys them in efficient and effective way. All the activities are successfully planned and implemented in participative and decentralized manner. The six departments of our institute work in collaborative, constructive and cooperative manner to execute raised idea or plan. Our institute focuses to generate and implement the idea which benefit to the society. The institute student, teacher and non teaching actively and enthusiastically involve and cultivate the proposed idea into successful story.

As our forensic science institute work on the motto “Knowledge to Justice”, institute proposed and efficiently implemented number of societal benefited programs. One of such program effectively organized by our institute is first National Level Forensic Expo 2017.

Strategic Plan:

Our institute jointly organizes First National Level Expo 2017 in collaboration with Special Inspector General of Police (IGP), Nagpur Range and Cloud Forensic during academic session 2016-2017. The program is organized on 9th and 10th February, 2017. The idea behind this program is to create awareness about different forensic aspects among various section of society. The number of Schools, Colleges, Government officials, Police officers and general public were invited and participated in this program from Nagpur and other parts too.

Plan Deployment:

All six departments our institute with their faculties and around 200 students of our institute actively participated and turn this program into grand success. There are 20 stalls to demonstrate and enrich the scientific temperament among various participants about forensic science and technology. The Bomb Detection and Disposal Squad, Nagpur police, Cloud Forensic and many other organizations participated and give demonstration on their respective stalls.

On both the days of expo, program is scheduled between 10 am to 6 pm. On the day of 09th February 2020, 04:30 pm program is inaugurated in presence of Shri. Pratap Singh (Special IGP, Nagpur Range), Shri. S. Balkawade (SP, Rural Police), Sunanda Dhenge (Forensic Expert, Raipur High Court, Chhattisgarh), Dr. R. G.Atram (Director, Institute of Science, Nagpur), Dr. Sunetra Patil (Director, Vasantnao Naik Government Institute of Arts and Social Sciences, Nagpur) and Dr. J. M. Khobragade (Director, Govt. Institute of Forensic Science, Nagpur). More than 6000 people from various parts of Nagpur and across India were seen gaining an insight into thought provoking world of forensic science and vital role of Home Department in crime detection and prevention. The program is concluded on the day of 10th February, 2020 in presence of prestigious guest Shri. Ranjan Sharma, IPS and he expressed his feeling about expo and congratulate the institute for organizing such fruitful activity.

File Description	Document
strategic Plan and deployment documents on the website	View Document

6.2.2 The functioning of the institutional bodies is effective and efficient as visible from policies,

administrative setup, appointment and service rules, procedures, etc.**Response:**

Government Institute of Forensic Science is an organization owned by the State Government under the ministry of Higher & Technical Education. Policies, rules and regulations of the Institute are laid down by the State Government. The organizational structure and the functioning of the institutional bodies is elucidated as follows:

S. No.	Governing Authorities	Functions
1.	- Minister, Higher & Technical Education -State Minister, Higher & Technical Education - Secretary, Higher & Technical Education	Framing of Policies Financial Management Academic Control Final Authority Overall Control over all Decisions.
2.	Director, Higher Education (DHE) working at State level	Supervises all the activities Functions for the execution of policies Has control of administrative and financial matters
3.	Director (Head of the Institute)	In-charge of the Institute Supervises all the activities at the Institute level Has control of administrative and financial matters of the Institute Accountable for the progress and development of the Institute
4.	Heads of the Department	Responsible for the appropriate functioning of the respective departments
5.	Registrar	Responsible for the administrative functioning of the institute
	Different Committee members are responsible for looking into the matters at micro levels.	

All the teaching and non-teaching staff are appointed by the State Government of Maharashtra. All the employees are governed by the Maharashtra Civil Service Rules (MCSR) laid down by the state government.

The requirements for the teaching staff in the state-owned Institutes is forwarded to the Director of Higher Education which is further processed to the Higher and Technical Education. This requirement is further forwarded to (MPSC) Maharashtra Public Service Commission who is responsible for the process of recruitment. The MPSC invites applications of eligible candidates for the vacant posts. The recruitment is processed after the scrutiny of the applications followed by an examination and interview. Thus, the seats for the vacant posts are filled.

The non- teaching staff is appointed by the Joint Director after the requirements for the same are forwarded to the Government.

The faculties whose placements are due, apply for the same as per the CAS guidelines. These applications are approved and forwarded by the Director to the higher authorities with respect to the issue concerned. Circulars regarding the promotions for the next scale or grade are forwarded by the Director Higher Education.

Our Institute has various committees like Anti Ragging Cell, Grievance Cell to deal with issues related with the same. There are committees for Prevention of Sexual Harassment, Women Cell etc. to deal with such related matters.

File Description	Document
Upload any additional information	View Document

6.2.3 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
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

1. Welfare measures provided by our Employer

Being State Government of Maharashtra owned higher educational institute, all the welfare measures of Maharashtra Government applicable to us.

1. Group Insurance Scheme
2. Medical expenses reimbursement for employee and employee family scheme
3. Provident Fund Facility
4. Pension Scheme for retired employee as per government norms
5. Study leave, maternity leave, child care leave, casual leave, medical leave admissible as per government rule
6. Local Travel Concession with Maharashtra
7. Duty leaves for faculty for attending conferences /seminars /symposium /workshops / guest lecturers / external examiner etc.
8. Various loan facilities such as home loan, vehicle loan, computer loan etc.
9. Employment facility to dependent successor of deceased successor on compassionate ground

2. Self generated welfare measures

On collective and cooperative basis our institute employees established employee's credit cooperative society for their own welfare–

1. Registered employee's credit cooperative society provides short term / long term / education / rice loans to registered member of society on convenient and reasonable rate.
2. In case of emergency, society provides emergency loan to its members.
3. Every year member of society gets dividend on their share and also some gift from profit earned by society.
4. Society organises health check up program every year for society members and their family too.
5. Each year society felicitates meritorious members of society and their children too by awards.
6. By taking social responsibility into count Society organises programs like Tree Plantation.

File Description	Document
Paste link for additional information	View Document

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

Response: 0

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

2019-20	2018-19	2017-18	2016-17	2015-16
00	00	00	00	00

File Description	Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 1.2

6.3.3.1 Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
01	01	00	03	01

File Description	Document
Upload any additional information	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 35.07

6.3.4.1 Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years

2019-20	2018-19	2017-18	2016-17	2015-16
13	07	03	06	04

File Description	Document
Upload any additional information	View Document
Details of teachers attending professional development programmes during the last five years	View Document

6.3.5 Institutions Performance Appraisal System for teaching and non-teaching staff

Response:

Our Institute has effective ways to conduct the performance appraisal of its teaching and non-teaching staff. For the valuation of the academic performance of the faculties, they are required to submit the proforma of Performance Based Appraisal System (PBAS) every year which is prescribed as per the UGC Regulations. The form is accompanied with all the necessary documents and proofs needed for the details mentioned in the form. These forms are scrutinized, analyzed and reviewed by the members of the API Screening Committee of the Institute and accordingly the API scores are verified. Based on these scores, the improvement methods are further suggested and are implemented by the faculty members.

Annual Confidential Reports (CR) are filled at the end of each academic year by both teaching and non-teaching staff for their assessment. These reports include the information about the work done (academic as well as administrative) by the respective individuals under the different committees allotted to them. These confidential reports are reviewed by the Director of the Institute and are further sent to the Director Higher Education (DHE, Pune) in case of teaching staff.

Further, for the placement and fixation of the pay of the staff members, they are asked to apply for the same. These applications are recommended and forwarded by the Director to the higher authorities, so that the process is completed within time.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

An ingenious financial planning ensures the consistency of fulfillment of goals and helps in achieving the growth and development of the Institute. We, at Government Institute of Forensic Science plans the finances well in advance for efficient process of budgeting. This is done by the finance committee members and the administrative department of the Institute.

Financial rules are followed as per the directions and No cash transactions are in place.

Finances and their utilization are reviewed periodically by the Finance Committee and the Director of the Institute and further action plans are suggested.

Internal Audits are conducted regularly for various events conducted at the Institute. Audit Reports are generated by the chartered accountant and are submitted to the Institute. For state plans funds, online reconciliation is done annually. Funds received by the Institute and the government scholarships received are audited by the internal committee.

For the DPC funds, utilization certificates are provided. Optimal utilization of the funds is properly monitored by internal audits done through a Chartered accountant.

Being a Government run Institute, the external audit is conducted by Auditor General, Nagpur and is yet to be done.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)

2019-20	2018-19	2017-18	2016-17	2015-16
00	00	00	00	00

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Response:

Our institute implements following strategies for mobilization of resources:

- Our institute have received financial assistances from State Government and various agencies like DPC.
- Our institute prepare strategic plan to obtain funds from above mentioned agencies aiming to develop institute infrastructure, design well equipped laboratory, high standard classroom and various required facilities to students
- The well prepared plan is submitted to the various agencies for acceptance and approval.
- The major portion of fund is received from above listed agencies for our institute.

The strategic plan is prepared to optimally utilise the received budget from various agencies by our institute.

- The institute has purchase and technical specification committee which intentionally constituted with at least one faculty from each department.
- Every department prepare their requirement which in turn kept in the meeting of technical specification committee. The said committee checks and verify the technical specification and finally the matter goes into the court of purchase committee.
- Finally, purchase committee distribute the received fund among various departments by considering their need as well as equitable policy by taking guidance and consultation of Director of our institute.
- All the rules and regulations of Government of Maharashtra are strictly followed during purchase.
- The received fund is properly utilised and monitored by our institute throughout the entire process.

File Description	Document
Upload any 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

Response:

Through various initiatives, the IQAC has contributed significantly for the development and enhancement of quality of the Institute. IQAC contributes in the proper planning and execution of various academic and co-curricular activities throughout the year for the overall development of the students and faculties of the Institute. Frequent meetings are conducted to follow up the progress and implementation of the suggested plan of action. Appropriate resolutions and suggestions are offered to any problems that are encountered.

Different stakeholder centric activities were conducted under the umbrella of the IQAC. The academic and activity calendar of the Institute (as well as departments) is maintained and followed-up regularly.

The teachers were encouraged to update themselves by enrolling in different Orientation Program, Refresher Courses, Faculty Development Program, etc. Students and teachers were also promoted to

participated in various conferences, workshops, seminars, etc. for enhancing and upgrading their knowledge.

Two practices institutionalized by the IQAC initiatives are as follows.

1. Organization of Conferences, Expo, Seminars and Workshops.

Under the umbrella of IQAC, Government Institute of Forensic Science, Nagpur has organized diverse Conferences, Expo, Seminars, workshops, etc. These events serve a practical way of enhancing and inculcating the sense of awareness towards the subject Forensic Science and channelize the energy towards research and education. It also imbibes a sense of responsibility and promotes team-work among the student. Active participation in such programs enable them to learn the recent advancements and showcase their own skills.

- Workshop on MOOC December 2016.
- National Forensic Science Expo in association with Special Inspector General of Police Office Nagpur Range February 2017
- Pre-Conference workshop to Sensitize Community April 2017
- International Conference on Integrated Solid Waste Management Practices, April 2017
- Workshop on "Lie Detector" October 2017
- State Level Symposium on Narcoanalysis, Brain Mapping and Mens Rea December 2017
- National Conference on "Forensic Science: An Interface Between Science, Law & Justice December 2017
- Workshop on "Swayam, MOOC Awareness Programme" August 2018
- Workshop Eventasia: "Capacity Building, Soft Skills Development and Higher Studies" August 2018
- National Seminar on "Corporate Forensics & Intellectual Property Rights and Poster Presentation Competition" January 2019
- NSC-2019 Two days National Students Conference " Emerging Trends in Fundamental Science" March 2019
- Training cum Placement Workshop Feb 2020
- National Level Workshop on "Fingerprints, Forensic Microscopy, 3-d Printing, Forensic Odontology" March 2020
- Faculty Development Program May 2020

2. Feedback from the Students about the Institute.

To maintain a transparent and cordial environment, regular feedback are taken from the students about the institute and the syllabus. After appropriate analysis and discussions among the stakeholders, appropriate actions are taken. Keeping in view the feedback received and the need of the times to come, we have drastically modified the syllabus in discussion with industry and academia. The syllabus has been approved by RTM Nagpur University and is being implemented from the academic session 2020-21. A new specialization has been introduced in Masters keeping in mind the interest and demand of the students.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

Our institute is affiliated with RTM Nagpur University, Nagpur; so our institute academic calendar is mandatorily in tune with that of university. The academic calendar contains information related to teaching – learning schedule, national and international important days, various activities to be organised, internal exam schedule, holidays, annual gathering schedule etc. Our institute plans teaching, learning and evaluation schedule and bind to follow it. Each and every department follows the academic plan during teaching, learning and evaluation activities. Our director of institute takes review of academic activities from each department at regular interval. Feedback committee of our institute collects feedback from students at the end of even semester. After that our Director of institute evaluates the received feedbacks and gives needed teaching – learning suggestions and guidance to the concern faculty for improvement if needed.

Following are the two example of institutional teaching learning reform mechanism-

1. Smart Classrooms

Our institute has taken initiative to establish ICT enabled Smart Classroom by providing 04 classrooms with interactive teaching learning boards, LCD projectors and sound system as a new era of reform regarding teaching learning. Smart classroom acts as a reform in teaching learning process. Each and Every departments faculties using Smart Classroom teaching mode on regular basis for enhancing and enriching knowledge process.

Collected feedback from students shown that interactive mode of teaching learning through smart classroom positively impact in their understanding and learning.

2. Well established and equipped laboratories

Since our field is related to forensic science, practical and applied knowledge play vital role in the forensic study. Each department of our institute is enriched with sufficient, advanced and novel instruments, software and hardware which show another teaching learning reform in cultivating critical and applied mind piece of students. Encase, Winhex, Lie Detector, HPLC, Video Spectral Comparator (VSC-600/HS), Fingerprint kit, PCR technique, Double Beam UV-Vis Spectrophotometer etc are the some examples of

laboratory equipments. All the students of our institute get hands on training of this instruments/ software which acts plus point in their placement drive.

File Description	Document
Upload any additional information	View Document

6.5.3 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)
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

Response: B. 3 of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	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 during the last five years.

Response:

In Government Institute of Forensic Science, Nagpur, girl students are nearly 70% and 40% of the staff are women employees. Institute is working hard for the women empowerment by providing many opportunities and facilities to its female staff and students.

Safety and Security:

The safety and security of the students, staff and the infrastructure is the prime concern of our institute. Our institute is well isolated by a compound wall around the entire campus. The office, laboratories, hostels and various important locations of the institute are under the CCTV surveillance. The director can monitor all the activities in the campus on the TV screen in his chamber. In addition to this, security guards are working 24 x 7 to ensure the safety of the institute. Separate hostel facility is provided for the girl students. The entire campus is well covered with street lights and roads. The girls hostel campus is secured with wall compound, CCTV surveillance and round the clock female security guards. The discipline committee of the institute monitors the various activities in the campus and it works to resolve the issues related to students. Anti-ragging committee and internal complaints committee are working to ensure the safety and security of students.

Counselling:

For counselling of the students, Teacher-Mentor Scheme is implemented. Under this scheme each faculty member is assigned to mentor 10 to 15 students. Monthly meetings are conducted with students to understand their academic and personal problems. Mentors help the students to solve their problems. Various programmes are organized by the Internal Complaints Committee for the counselling and awareness of the students and staff about the gender equity and women rights. Several awareness programmes have been organized by the Women Cell in coordination with "Bharosa Cell" Nagpur Police. In addition to this many programmes related to Self Defence, Health, Yoga, etc. are organized by NSS unit. Institute offers counselling to students at individual level and helps them to solve their academic and social difficulties.

Common Rooms:

Our institute has a separate common room for the girls with attached washroom. This room is spacious and well furnished with proper sitting arrangement. This room has a separate water cooler. Special care is taken for maintaining the cleanliness of this room. Separate dustbins are kept in this room for the collection of biological and dry waste. First-aid kit is also available in this room. A sanitary napkin vending machine and incinerator is installed in the common room.

Day care center for young children:

Facility of Day care centre is not available in our institute.

Any other relevant information:

- State of the art gymnasium for the male and female students and staff is available in the physical education department
- Separate Yoga and meditation room is available for girls
- Sanitary pad vending machine and incinerator is available in the girls washroom
- Health check-up camps are organised every year
- Meditation and Yoga programmes are organized for the students and staff for the betterment of mental health.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

Response: C. 2 of the above

File Description	Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management

- **E-waste management**
- **Waste recycling system**
- **Hazardous chemicals and radioactive waste management**

Response:

- **Solid waste management:**

Institute is taking various steps for the collection, segregation and disposal of the different types of wastes produced in the institute. Separate dustbins are kept in for the collection of wet and dry waste in the premises of the institute. Blue colored dustbins are used for the collection of dry waste, Green colored dustbins are used for collection of wet waste while the red colored dustbins are used in the laboratories for the collection of hazardous waste. In addition to this various other measures are also taken by the institute for the management of solid, liquid and e-waste.

The solid waste produced in the institute is collected and segregated into three categories i.e. biodegradable, non-biodegradable and hazardous waste. Biodegradable waste is collected and sent for the vermicomposting plant in the campus of the institute. There are six vermicomposting pits where the biodegradable material is decomposed with the help of earthworms and converted into very useful organic manure. This manure is then used in the garden of the institute. This entire project is managed by one staff member along with one student from “Earn and Learn Scheme”. Daily maintenance of the vermicomposting pits is done by the student.

Sanitary pad vending machine and Incineration machine is installed in girls washroom. The waste generated is incinerated in the incineration machine. This entire process is monitored by one lady staff member along with one girl student from “Earn and Learn Scheme”. The responsibility of the regular maintenance of both the machines is given to that girl student.

- **Liquid waste management:**

Liquid waste generated in the various laboratories is disposed as per the prescribed methods and regulations without harming the environment. Hazardous and non-hazardous liquid waste produced in the different laboratories is collected and disposed by using scientific methods. Waste water produced from the watercoolers in the institute is collected and used for the garden and natural farm in the institute.

- **Biomedical waste management:**

Small amount of biomedical waste is generated in forensic biology laboratory, it is separately collected and disposed by using scientific methods with the help of NMC, Nagpur.

- **E-waste management:**

Being a new institute not much of the e-waste is generated but in future, E-waste of the institute is disposed through Write-off procedure by following the rules of Maharashtra Government. Computers and related hardware will be donated to local institutes which are imparting education about computer and related hardware. About the management of e-waste institute will follow Reduce-Reuse-Recycle policy

- **Waste recycling system:**

Waste recycling system is not available in the institute.

- **Hazardous chemicals and radioactive waste management:**

Hazardous chemicals produced in the different laboratories are collected separately and disposed by using scientific methods with the help of NMC, Nagpur. While collecting these chemicals safety precautions are taken to maintain the safety of students and staff. Radioactive waste is not generated in any laboratory of the institute.

File Description	Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: C. 2 of the above

File Description	Document
Any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Any other relevant documents	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

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

Response: D.1 of the above

File Description	Document
Any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

- 1.Built environment with ramps/lifts for easy access to classrooms.
- 2.Disabled-friendly washrooms
- 3.Signage including tactile path, lights, display boards and signposts
- 4.Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment
- 5.Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

Our institute has taken various efforts and initiatives in providing an inclusive environment to maintain the tolerance and harmony towards cultural, regional, linguistic, communal, socioeconomic and other diversities.

- **Cultural:**

Our institute organizes annual socio-cultural gathering every year in which different cultural events such as dance, dramas, street plays, skits and songs representing the different cultures in India are performed by students. Every year students also participate in the “Yuvarang Mahotsav” which is a cultural festival representing the cultural diversity of India. Our students and staff are concerned about the cultural diversity of India and they try to maintain it through their actions and thoughts so that the environment of the

institute become tolerant and inclusive for the different cultures.

- **Regional:**

Institute has students and staff from various regions of Maharashtra as well as from various states. Institute has maintained the national diversity by reserving 5 seats for students other than Maharashtra state. Though the students and staff are diversified still the institute has maintained exceptional the regional harmony and we are setting an example of others.

- **Linguistic:**

Our institute has linguistic diversity as we have students and staff from different states of the India. In our campus languages like Marathi, Hindi, English, Telugu, Mallyalam, Bengali etc. are daily spoken. Every year “Marathi Bhasha Din” is celebrated on 27th February in our institute. Though we speak the different languages in the campus but the language is not a barrier for us which can divide our hearts and minds.

- **Communal:**

Institute has taken lots of efforts to provide an inclusive environment with tolerance and harmony towards communal diversity. Though the staff and students of our institute belongs to various castes and communities, we still live together with harmony, peace. We organize various programmes and activities throughout the year which help to enhance the communal harmony. Every year we celebrate the programmes like “Sadbhavana Din”, “National Integration Day”, “Constitution Day” and Birth and Death Anniversaries of great Indian leaders. In addition to this, NSS unit also organized rallies, street plays, etc to maintain the communal harmony.

- **Socioeconomic:**

NSS unit of our institute organizes programmes like School bag distribution to poor children visit to Priyadarshini orphanage and Sanjivani old-age home and donates food, clothes and other essential things to socioeconomically deprived people. Our students visited to Mental Hospital, Nagpur and Central Jail, Nagpur to know life of mental patients prisoners and their problems. Our institute always encourage the students and staff for helping the socioeconomically affected community.

- **Other Diversities:**

In our institute UG students in the age group of 17 to 20 years, PG students in thee age group of 20 to 22 years and the PG Diploma students in the age group of 21 to 50 years gives diversity in age. In PG Diploma courses, professionals belonging to various fields like doctors, lawyers, police officers, Engineers etc. take admission. Though there is diversity in our age groups and professional backgrounds still we stand together for the institute.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

The Constitution of India teaches us the values that bind us as a nation. Along with rights it advises us to perform our duties and responsibilities in the well-being of the society and hence for the nation. We, as a Government Institute of Forensic Science, with the aim of “Knowledge to Justice”, working with sole purpose of inculcating values imparted to us by the constitution to the students and hence to the society. From its establishment, we have organised and celebrated various festivals, awareness drives, guest lectures, student enrichment programs as required and advised from time to time by the government and UGC.

The constitution advises us to be a responsible citizen and provide an inclusive environment of tolerance and harmony to each and every citizen of our nation regardless of their caste and community, All these values and responsibilities, as teachers and students, we try to impart in the society through various activities. We celebrate Mahatma Gandhi Birth anniversary, and perform “Swachhata Abhiyan”, in the institute campus to impart the importance of cleanliness and team work.

We have celebrated Vigilance awareness week and taken Oath for Anti-corruption to encourage the students to collectively participate in the prevention and fight against corruption, to raise public awareness regarding the existence, causes and threat posed by corruption.

Every year, we organise health check-ups and blood donation camps with active participation from teachers, non-teaching staff and students, for the benefit of the needy ones with the government blood banks and government hospitals.

Our responsibility towards the nature is being observed by tree plantation campaign at our institute and also at the university level with active participation from teachers and students.

To remark the importance of our institution, we celebrate Constitution Day every year on 26th November and actively participate in the Constitution day rally for the awareness among the people and hence society. As Father of Indian constitution, we celebrate Birth anniversary of Dr. B. R. Ambedkar on 14th April every year, with guest lectures on various aspects of the constitution.

As a Democratic Country, we, as a citizen, have the responsibility as voter. The awareness program and new voter registration campaign has been organized by the institute from time to time.

The youth is the main pillar of any nation. To aware the youth against drug abuse and Illicit trafficking, as per the guidance of UGC, we have organised various guest lectures and awareness programs.

The constitution gives us a way to live in our society in a healthy environment with peace and harmony, and as a citizen we have tried to impart these values in the society through our teachers and students through various activities and programs.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. The Code of Conduct is displayed on the website
2. There is a committee to monitor adherence to the Code of Conduct
3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

Response: D. 1 of the above

File Description	Document
Code of ethics policy document	View Document
Any other relevant information	View Document

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

India and Maharashtra has so many personalities who have contributed for the social integration, cultural, moral, patriotic and ethical values for

the development of society and nation. As per the guidelines from UGC, Govt. of India and Govt. of Maharashtra, various awareness programmes,

national and international days, events and festivals are celebrated every year. Institute organized 116 such programmes is last five years. Students and staff actively participate by giving speeches singing patriotic songs etc. On the 1st day of May, "Maharashtra Din", the foundation day of Maharashtra state is being celebrated by the institute every year. With flag hoisting, various activities are being organized on this occasion. This day is also celebrated as Labour's day in honour of all the labours in the country. On 2nd of October, Institute celebrates Birth anniversary of Mahatma Gandhi and Lal Bahadur Shastri. On this occasion students and staff are carries out extensive cleanliness drive by cleaning the campus and the premises of the institute. On 14th April of every year, Institute celebrates Birth anniversary of

Dr. Babasaheb Ambedkar. On this day, the thoughts of Dr. Babasaheb Ambedkar on the social equality and education for all are spread among the students. Institute tries to motivate the students by awareness programs about the thoughts and work of Dr. B. R. Ambedkar. Former Hon. President of India, Dr. A. P. J. Abdul Kalam's Birth anniversary is celebrated as "Vachan Prerana Din", on 15th of October every year. Book reading activity by the Students and teachers is carried out with the objective to inculcate the reading habits and also to motivate students about the thoughts and works of Dr. A.P.J. Abdul Kalam.

In addition to this Birth and death anniversaries of many other great Indian personalities are celebrated by the institute every year which

includes Shivjayanti, Mahatma Phule Jayanti, Shahu Maharaj Jayanti, Indira Gandhi Jayanti, Pandit Jawaharlal Nehru Jayanti, Mahatma

Gandhi Punyatithi, Sushasan Din, Sabhavna Diwas etc. . Institute tries to motivate the students by making them aware about the thoughts and work

of these great Indian personalities.

Some of the events that are regularly carried out are

1. Independence Day:
 2. Republic Day:
 3. Foundation Day of Maharashtra state
- Birth anniversaries
4. A. P. J. Abdul Kalam:
 5. Mahatma Gandhi and Lal Bahadur Shastri Ji:
 6. Savitribai Phule
 7. Dr. S. Radhakrishnan: Teachers' Day
 8. Chhatrapati Shivaji Maharaj
 9. Sardar Vallabhbhai Patel
 10. Maulana Azad
 11. Bhagat Singh
 12. Swami Vivekanand: Youth day
 13. Dindayal Upadhyay

14. Dr. B.R. Ambedkar	
15. Mahatma Jyotiba Phule	
16. Constitution Day	
17. NSS Day	
18. National Sports Day	
19. Marathi Bhasha Gaurav day	
20. Wild life week	
21. Kranti Din	
22. International Yoga Day	
File Description	Document
Link for Annual report of the celebrations and commemorative events for the last five years	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:

First Best Practice:

1. Title of the Practice: "Creating Awareness of Forensic Science amongst Law Enforcement Agencies and Public at Large"

2. Objectives of the Practice

The prime vision of the Institute is to create a peaceful society by imparting world-class forensic education to students, common man and professionals and to support the police in the criminal investigation process. The Institute aims to create informed citizenry as well as a workforce that would be able to stand up to the ever-rising stature of crime and criminals in the society. We intend to change and reverse the notion that the "criminal is always one step ahead of the investigation agencies".

3. The Context

Crimes are occurring at a high rate these days, be it crude & old school crimes such as theft, robbery, murder or the more sophisticated digital & cyber crimes. The lack of awareness among the public and even the law enforcement personnel regarding the various crucial aspects of the crime scene as well the potential sources of evidence and their appropriate handling methods often result in the evidence being lost and hence, low conviction rate. It is a necessity to educate and make the public as well as police officers aware of the marvel called "Forensic Science". The need for modernisation and knowledge of the current developments in the field was felt and hence, the current practice was implemented. It was ensured that the practice is continuous and progressive so as that a large number of people are benefitted.

4. The Practice

Being a first of its kind institute in the Vidarbha region and only third such government Institute in the State of Maharashtra, keeping our motto, vision and mission in view, we have implemented the current practice as follows:

- Our faculties deliver “Expert lectures” & “Invited Talks” for the officers of Maharashtra Police.
- Our faculties deliver “Hands-on Practical Training” and “demos” on various aspects of Crime Scene Investigation to the officers of Maharashtra Police.
- Our faculties provide training to the promoted and selected Police Officers under the “In-service” training programs of Maharashtra Police.
- We actively participate and organise Forensic Science Awareness Programmes and Expos for the general public like Forensic Expo of the Institute, Tantra- The Tech Expo by Nagpur Police Commissionerate, Mantra- The Tech Expo by Office of the Superintendent of Police Bhandara District, KUTHUHAL by Vigyan Bharti, PSYCHOFEST by Vasantao Naik Government Institute of Arts and Social Sciences.
- Our faculty members in assistance with the students provide awareness lectures to the students of several schools and colleges on various aspects of crimes, cyber crimes etc. and also make them aware regarding the preventive aspects of the same.
- The participation in the EXPOS is mostly handled by the students who manage their respective booths under the guidance of faculties of the different departments. This promotes participative learning amongst the students who enthusiastically deal with the public and showcases their own talents while improving their own public speaking and presentation skills. This promotes teamwork and management skills amongst the students. They learn to overcome the difficulties that arise during the course of such events.

Constraints: Sometimes the schedule of such programs are beyond our control and we have learnt to deal and juggle with the time constraint and the curricular responsibilities.

5. Evidence of Success

Forensic Science Expo: Invoked a massive response from the public as well as the different schools, colleges and institutions in and around the region with over 6000 participants.

National Forensic Science Conference: Around 325 participants from various Institutes and colleges from all over India participated and the enthusiasm exhibited was a pleasant surprise. The events received wide media coverage. It has resulted in awareness about “Forensic Science” per se amongst the target audience including, the students of schools, colleges, parents, teachers, police officers, academia and industry. The number of applicants for B.Sc. Forensic Science has seen a drastic rise over the past few years. The faculty members have been called to deliver expert lectures and awareness talks by various institutes and colleges of repute such as National Fire Service College, Vishveshwaraya National Institute of Technology (VNIT), Vigyan Bharti, Superintendent of Police Office Bhandara, Superintendent of Police Office Chandrapur, Commissioner of Police Office Nagpur City, Special Inspector General of Police Office Nagpur Range, Rotary Club Warora, BVG India Pvt. Ltd, Nilawar Laboratories, Sherlock Institute of Forensic Science New Delhi, Clue4Evidence Bengaluru, etc. Being impressed with the performance of the Forensic Science students, the Special IGP office had allowed them one-month internship (attachment) to various police stations under their control wherein the students used to visit the scene of the crime with the police team and helped in scientific collections and preservation of the evidence. The faculty members are often asked for advice on various criminal and civil cases.

6. Problems Encountered and Resources Required

As there is no dedicated fund to carry such large-scale activities, there was a problem to fund the programs, i.e., Forensic Expo, National Conference, National Seminar, National Workshops, etc. organised by us. Along with the dedicated organizing teams, our students and alumni worked hard to find sponsors and partners for the event. We managed to convert the shortcoming into an opportunity and collaborated with Industry.

Second Best practice

1. Title of the Practice: Natural Farming methods as a Tool to address the Agrarian Crisis of Vidarbha Region.

2. Objectives of the Practice: The institute has an all inclusive approach. Therefore we decided to work on the problems faced by agrarian community through the involvement of students. The following objectives were set

1. To inculcate the work culture among student fraternity.
2. To acquaint students with various natural farming practices exercised throughout the world.
3. To study the effectiveness of various farming techniques under conditions prevalent in Vidarbha Region.
4. To propagate the natural farming as an alternative to traditional modern farming through involvement of students.

5. To attract young generation towards agriculture to enable feeding of expanding Indian population.

3. The Context: Vidarbha region is infamous for farmer’s suicides due to low yield, high production cost, insufficient irrigation facilities etc. Natural farming is low cost, requires less resources viz. water, fertilisers etc. So we have tried to address the issue of farmer’s suicides by teaching the students about various methods of natural farming. The practice was initiated on an open space inside the campus. Since the space is present inside the building, agricultural machinery cannot be brought to perform the tasks like ploughing, cultivation, harvesting etc. and were done manually by the staff and students.

4. The Practice: The practice involved natural farming in about 2000 square feet of land reserved for botanical garden. Work like digging, cultivation and harvesting was done without any machinery. Students have enthusiastically done all this activity along with Dr. Malojirao Bhosale, Assistant Professor and Program Officer, NSS and Mr. Pradeep Borivar, Laboratory Assistant.

The biodegradable waste generated in the campus was allowed to decompose in the troughs made in the farm so that the soil gets enriched with humus. The mixed, alternate as well as intercropping was practiced to maintain the soil fertility. Sprinklers were used to minimise the water use. The weeds were removed manually. No chemical pesticides or fertilisers were used throughout the farming practice. About six green leafy vegetables, brinjal, capsicum and tomato were cultivated. The yield obtained is about twice as compared to production cost. The produce was sold to the staff members of the institute. The activity was sustained through the selling of produce.

5. Evidence of success: As time passed, students got involved in learning new farming techniques. Higher yields were obtained per square feet as compared to initial phase. We earned on an average 4000-5000 rupees per month except during summer months and when water logging was observed during high rainfall. People from outside campus also visited and appreciated the farming practice.

6. Problems encountered and resources required:

The problems encountered were

- 1) Nagpur has very high temperature especially during the months of April and May. So even though we have employed strategies like use of green net, certain vegetables like spinach, fenugreek are unable to grow.
- 2) Due to lack of awareness, some faculty members believed that the produce is expensive as compared to market.
- 3) Due to lack of adequate space, we are unable to provide desired goods in sufficient quantity.
- 4) Certain pests as well as weeds are difficult to manage through natural methods. So we felt need of integrated pest management (IPM).
- 5) Due to crunch in staff, smooth running of the farm got difficult when students were not available.

File Description	Document
Link for Best practices in the Institutional web site	View Document
Link for any other relevant information	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:

Government Institute of Forensic Science, Nagpur is one of the distinct pioneer institute of its own kind in Vidarbha region intended to establish a centre of excellence in the area of forensic science through its teaching and research. The Institute has the motto “**Knowledge to Justice**” and is committed to impart quality education in the field of forensic science. The institute has attained achievements in its existence

since 2011 which makes the institute distinct from the other institutions.

The institute was started in 2011 by the Higher and Technical Education Department, Govt of Maharashtra. The institute resides in the Institute of Science, Nagpur campus, one of the oldest and prestigious institute in central India. The initial few years were spent in establishing the institute by developing the infrastructure in the classrooms and laboratories. New teaching faculty and non-teaching members were appointed along with experienced staff members being transferred from the other institutes.

The combination, enthusiasm of young staff members and experience of the experienced staff propelled the institute to new heights. This could be judged from the admissions to the undergraduate course from all parts of the state of Maharashtra as well as across the length and breadth of the country. There is a very high demand for the BSc course with a 1:40 demand ratio. The admission process is very transparent and the college abides by statutory policies of the government of Maharashtra and RTM Nagpur University. The BSc course offering six subjects related to forensic science makes it quite distinct from the regular BSc course.

The Institute also offers two One-Year Full Time PG Diploma courses, Post Graduate Diploma In Forensic Science And Related Law (PGDF) and Post Graduate Diploma in Digital and Cyber Forensic and Related Law (PGDC). These courses act as add on course for police officers, medico-legal doctors, judicial officers, media people, journalists, corporate organizations etc. who don't have knowledge about forensic science but need them in their profession. Completing these courses helps them in successfully executing their profession.

Our laboratories have state of the art equipments needed in carrying out studies in forensic science. Some of these are Video Spectral Comparator (VSC-6000/HS), Lie Detector, Gas Chromatograph, HPLC (High Performance Liquid Chromatography), UV-Visible Spectrophotometer, Rotary evaporator, FT-IR (Fourier Transform-Infra Red spectroscopy), Handheld Illuminated Microscopes, Compound Binocular Microscopes, Stereo Microscopes, Inverted Microscope, Fuming Chambers, UV Chamber, Polarizing Microscope, Electronic kits, PCR, Biochemistry Analyzer, Ultra centrifuge, Cooling centrifuge, Autoclave, microwave oven, hot air oven, Microtome, Cell Phone Forensic Suite (ConnectQ 2.0), Speaker Verification (Spectralayers Pro), Forensic Server Project, Paraben Forensic Replicator, EnCase Forensic Edition and Multispeech Analyzer.

All the postgraduate students are given hands-on exposure to these sophisticated equipments under the supervision of the faculty. This experience has improved their skill set and has resulted in their placement in various companies in the private sector and government laboratories. In the last five years almost all the postgraduate students have received placement offers.

The syllabus of the course is well in tune with the current requirement scenario in forensic science. Feedback is regularly taken from the stake holders regarding the contents and its execution. This apprises us with their requirements. The feedback is discussed and implemented in the daily dissemination of coursework. The feedback has been a prominent factor in the upgradation of the syllabi which is to be implemented from the current academic session.

Our students have regularly secured admission for higher studies in various national institutes and universities of repute such as NICFS, New Delhi, GFSU, Gandhinagar and Dr. Harisingh Gour Central University, Sagar. It's a matter of pride that 70 to 80 percent of our postgraduate students have cleared the

NET examination in forensic science conducted by UGC.

The students and teachers are encouraged to participate in different co-curricular activities. They have represented themselves in various conferences, expos, workshops, model competitions and have brought laurels to the institute. Our student, Miss Shweta Umre was the winner of the Youth National Parliament-2018 organized by Ministry of Youth Affairs, Government of India. She was felicitated and praised by the Prime Minister of India, Shri. Narendra Modi.

A well-groomed student is an asset to the society. The student apart from being academically adept must also be socially inclined and physically sound. The institute's National Service Scheme provides the students with an opportunity to understand their social responsibilities and human values. Our students have been selected for state level camps and have been awarded as the best NSS cadet in 2015. Apart from academics, the institute also promotes sports activities. Students from our institute have participated in various sports at the university level and our student, Miss Vaishnavi Thakare has represented RTM Nagpur University in the Malkhamb nationals.

The institute has faculties from seven different disciplines and the members (faculty and students) are from different regions in Maharashtra as well as the country. This allows the institute to have a cosmopolitan culture and has helped it to grow an inclusive and developed environment.

We are proud to say that we have been placed in the 101-150 Rank band in the College category by the National Institutional Ranking Framework (NIRF) for the year 2020.

The institute has been successful in attaining a distinctive nature in the last 9 years of its existence and continuously strives to do even better.

File Description	Document
Link for any other relevant information	View Document
Link for appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Finance is the key for the development of any institute. The Government of Maharashtra has given adequate funds to establish the institute's infrastructure. However the flow of funds was improved upon due to funding by District Planning Committee, Nagpur to develop modern academic infrastructure.

The funds received from DPC was utilized in development of class rooms by equipping them with ICT facilities and new furniture.

Sophisticated instruments were purchased from these funds which went on to enhancing the laboratory infrastructure. Some of the instruments purchased are Polygraph, Stereo Zoom Microscope, Elisa Reader, CO2 Incubator, Cooling Centrifuge, Rotary Vacuum Evaporator.

DPC funds were a major component in upgradation of the cyber forensic infrastructure. Data Servers, firewall, computers and softwares like Steganography Investigation Tools were purchased from these funds.

A software for library automation was purchased and executed in 2017-18 using the funds acquired from DPC. DPC funds of about 75 lakhs have been instrumental in renovation and refurbishment of the institute's infrastructure in the year 2019-20.

The institute plans to utilize DPC funds in the future as well for further infrastructure augmentation.

Concluding Remarks :

We, at **Government Institute of Forensic Science, Nagpur** aim to provide affordable world class forensic education and to emerge as a global consortium of Forensic education & research. We offer a challenging career in the field, leading to the award of **B.Sc. and M.Sc. Forensic Science Degree, P.G. Diploma in Forensic Science and Related Law (PGDF) and P.G. Diploma in Digital and Cyber forensic and Related law (PGDC)**.

The syllabus was drafted keeping in mind the need of the hour to create professional experts in the field of Forensic Science and has been updated and upgraded in synchronization with the current needs.

Our well equipped library with a huge range of books, laboratories with sophisticated instruments, experienced and enthusiastic teaching staff, and extensive learning support facilities in the form of regular mock crime scene demonstrations, guest lectures, seminars, educational visits to various institutions of academic importance, etc. provide a stimulating study environment for the benefit of our students.

All the postgraduate students are given hands-on exposure to the sophisticated equipments. This experience has improved their skill set and has resulted in their placement in various companies and government laboratories. In the last five years almost all the postgraduate students have received placement offers.

Our students have regularly secured admission for higher studies in various national institutes and universities of repute such as NICFS, New Delhi, GFSU, Gandhinagar and Dr. Harisingh Gour Central University, Sagar.

It's a matter of pride that 70 to 80 percent of our postgraduate students have cleared the NET examination in forensic science conducted by UGC.

The students and teachers are encouraged to participate in different co-curricular activities. They have represented themselves in various conferences, expos, workshops, model competitions and have brought laurels to the institute. Our student, Miss Shweta Umre was the winner of the Youth National Parliament-2018 organized by Ministry of Youth Affairs, Government of India. She was felicitated and praised by the Prime Minister of India,

We are proud to say that we have been placed in the 101-150 Rank band in the College category by the NIRF for the year 2020.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.1.3	<p>Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years</p> <ol style="list-style-type: none"> 1. Academic council/BoS of Affiliating university 2. Setting of question papers for UG/PG programs 3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses 4. Assessment /evaluation process of the affiliating University <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: B. Any 3 of the above Remark : Input edited as per the given documents by HEI.</p>
1.4.1	<p><i>Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders</i></p> <ol style="list-style-type: none"> 1) <i>Students</i> 2) <i>Teachers</i> 3) <i>Employers</i> 4) <i>Alumni</i> <p>Answer before DVV Verification : B. Any 3 of the above Answer After DVV Verification: B. Any 3 of the above</p>
1.4.2	<p>Feedback process of the Institution may be classified as follows:</p> <p>Options:</p> <ol style="list-style-type: none"> 1. Feedback collected, analysed and action taken and feedback available on website 2. Feedback collected, analysed and action has been taken 3. Feedback collected and analysed 4. Feedback collected 5. Feedback not collected <p>Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website Answer After DVV Verification: A. Feedback collected, analysed and action taken and feedback available on website</p>
2.6.3	<p>Average pass percentage of Students during last five years</p> <p>2.6.3.1. Number of final year students who passed the university examination year-wise</p>

during the last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1	115	86	83	81

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
114	115	86	83	81

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1	131	99	101	105

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
138	131	99	101	105

Remark : Input edited as per provided document by HEI.

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)**3.1.2.1. Number of teachers recognized as research guides**

Answer before DVV Verification : 03

Answer after DVV Verification: 00

Remark : Edited as per clarification provided by HEI.

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
06	04	03	05	00

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
3	2	1	1	0

Remark : Activities with a bearing on Research Methodology, Intellectual Property Rights (IPR), entrepreneurship and skills development is considered.

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

3.3.1.1. How many Ph.Ds registered per eligible teacher within last five years

Answer before DVV Verification : 00

Answer after DVV Verification: 00

3.3.1.2. Number of teachers recognized as guides during the last five years

Answer before DVV Verification : 03

Answer after DVV Verification: 00

Remark : Edited as per HEI clarification.

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

3.3.2.1. Number of research papers in the Journals notified on UGC website during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
23	02	05	05	04

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
20	02	05	04	04

Remark : Edited according to the data provided by HEI.

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

3.3.3.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
12	07	01	01	01

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
10	07	01	01	01

Remark : Input edited as per the given document by HEI.

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
05	09	12	02	02

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
0	1	2	2	1

Remark : Awards to the individuals not considered.

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
24	13	13	11	10

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
12	11	4	2	2

Remark : 1)Detail report of event is considered. 2)Events conducted only for the benefit of their own students and staff is not considered.

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

3.4.4.1. Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh

Bharat, AIDs awareness, Gender issue etc. year-wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
999	608	932	888	654

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
558	419	90	265	87

Remark : Input editd as per previous metric.

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year**3.5.1.1. Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
7	5	9	5	5

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
7	5	9	5	5

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)**4.1.3.1. Number of classrooms and seminar halls with ICT facilities**

Answer before DVV Verification : 05

Answer after DVV Verification: 03

Remark : Labs with ICT facility is not considered.

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**4.2.3.1. Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
8.276100	10.92130	7.697077	6.785415	12.53740
9	73	6	5	77

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
8.67	2.86	11.19	5.66	9.64

Remark : Input edited as per given document by HEI.

4.3.3 **Bandwidth of internet connection in the Institution**

Answer before DVV Verification : C. 10 MBPS – 30 MBPS

Answer After DVV Verification: D. 05 MBPS – 10 MBPS

5.2.1 **Average percentage of placement of outgoing students during the last five years**

5.2.1.1. **Number of outgoing students placed year - wise during the last five years.**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
0	15	85	16	14

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
1	10	3	12	1

Remark : Clear copy of appointment letters considered.

5.2.2 **Average percentage of students progressing to higher education during the last five years**

5.2.2.1. **Number of outgoing student progression to higher education during last five years**

Answer before DVV Verification : 145

Answer after DVV Verification: 0

Remark : Proof of admission letter or identity card is not provided hence input edited.

5.2.3 **Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)**

5.2.3.1. **Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.) year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
12	13	16	03	02

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
8	5	9	7	1

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
15	15	20	10	0

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
15	15	20	10	00

Remark : Clear copy of document has been considered.

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

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

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
7	8	12	1	1

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
7	1	2	1	1

Remark : Copies of award letter is considered.

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

5.3.3.1. Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16

17	24	29	19	17
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Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
2	2	2	2	2

Remark : Input edited as per the given document (All activities conducted under an event is counted as one event)

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

6.3.3.1. Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
01	01	01	04	01

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
01	01	00	03	01

Remark : Input edited as per the given document by HEI.

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

6.3.4.1. Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course year-wise during the last five years

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
14	07	03	06	04

Answer After DVV Verification :

2019-20	2018-19	2017-18	2016-17	2015-16
13	07	03	06	04

Remark : Input edited as per the given data by HEI.(One teacher attending one or more

	professional development Program in a year counted as one only)
7.1.4	<p>Water conservation facilities available in the Institution:</p> <ol style="list-style-type: none"> 1. Rain water harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus <p>Answer before DVV Verification : B. 3 of the above Answer After DVV Verification: C. 2 of the above Remark : Input edited as per provided document by HEL.</p>
7.1.5	<p>Green campus initiatives include:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants <p>Answer before DVV Verification : Any 4 or All of the above Answer After DVV Verification: Any 4 or All of the above</p>
7.1.7	<p>The Institution has disabled-friendly, barrier free environment</p> <ol style="list-style-type: none"> 1. Built environment with ramps/lifts for easy access to classrooms. 2. Disabled-friendly washrooms 3. Signage including tactile path, lights, display boards and signposts 4. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>

2.Extended Profile Deviations

ID	Extended Questions																				
1.1	<p>Number of courses offered by the Institution across all programs during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td>4</td> <td>4</td> <td>4</td> <td>4</td> <td>4</td> </tr> </tbody> </table> <p>Answer After DVV Verification:</p> <table border="1"> <thead> <tr> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> <th>2015-16</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	2019-20	2018-19	2017-18	2016-17	2015-16	4	4	4	4	4	2019-20	2018-19	2017-18	2016-17	2015-16					
2019-20	2018-19	2017-18	2016-17	2015-16																	
4	4	4	4	4																	
2019-20	2018-19	2017-18	2016-17	2015-16																	

76	76	76	76	76
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2.3 **Number of outgoing / final year students year-wise during last five years**

Answer before DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
1	115	86	83	81

Answer After DVV Verification:

2019-20	2018-19	2017-18	2016-17	2015-16
138	131	99	101	105

3.1 **Total number of classrooms and seminar halls**

Answer before DVV Verification : 12

Answer after DVV Verification : 7

3.3 **Number of Computers**

Answer before DVV Verification : 72

Answer after DVV Verification : 65