Tel.No. 2565581/2561148   Fax N. 0712-2565581

Ref.....1.5.45....   Date: 12/ 11/2014

To,

NAAC
Bengluru

Subject: Submission of AQAR 2013-14

Sir,

AQAR for the year 2013-14 of our Institute is submitted herewith for further perusal.

Thanking you.

(Dr. R. G. Atram)
Director
Institute of Science, Nagpur
Director
Govt. Institute of Science
NAGPUR.

Govt. Institute of Science, Nagpur- 440001

Reaccredited with Grade "B"

CGPA 2.85

College with Potential for Excellence

The Annual Quality Assurance Report (AQAR)

Year 2013-14

Submitted to

NAAC, Bangalore

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

Institute of Science, Nagpur

1.2 Address Line 1

R. T. Road, Civil lines,

Address Line 2

Beside R. T. M. Nagpur University

City/Town

Nagpur

State

Maharashtra

Pin Code

440001

Institution e-mail address

info@iscnagpur.ac.in

Contact Nos.

0712-2561148

Name of the Head of the Institution:

Dr. M. T. Bharambe, Director, Institute of Science, Nagpur

Tel. No. with STD Code:

0712-2565581, 2520571

Mobile:
09766016372

Name of the IQAC Co-ordinator:
Dr. Mrs. S. A. Kalkar

Mobile:
9822466215

IQAC e-mail address:
iqaciscnagpur@gmail.com

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC/62/RAR/097 dated 05-01-2013

1.5 Website address:
www. iscnagpur.ac.in

Web-link of the AQAR:

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B++	81.05%	2004	2004-2009
2	2nd Cycle	B	2.85	2013	Upto Jan-2018
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :   DD/MM/YYYY
01/07/2000

2013-14

1.8 AQAR for the year *(for example 2010-11)*

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

   i. AQAR _____ _____ (DD/MM/YYYY)
  ii. AQAR_____ _____ (DD/MM/YYYY)
 iii. AQAR_____ _____ (DD/MM/YYYY)
 iv. AQAR_____ _____ (DD/MM/YYYY)

1.10 Institutional Status

University   State [✓] Central [ ] eemed [ ] Private [ ]

Affiliated College   Yes [✓]   No [ ]

Constituent College   Yes [ ]   No [ ]

Autonomous college of UGC   Yes [ ]   No [✓]

Regulatory Agency approved Institution   Yes [ ]   No [✓]

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education [✓]   Men [ ]   Women [ ]

                     Urban [✓]   Rural [ ]   Tribal [ ]

Financial Status   Grant-in-aid [✓]   UGC 2(f) [✓]   UGC 12B [✓]

       Grant-in-aid + Self Financing [ ]   Totally Self-financing [ ]

1.11 Type of Faculty/Programme

   Arts [ ]   Science [✓]   Commerce [ ]   Law [ ]   PEI (Phys Edu) [ ]

   TEI (Edu) [ ]   Engineering [ ]   Health Science [ ]   Management [ ]

   Others   (Specify)   [   ]

1.12 Name of the Affiliating University *(for the Colleges)*

R. T. M. Nagpur University, Nagpur

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence   UGC-CPE   ✓

DST Star Scheme   UGC-CE

UGC-Special Assistance Programme   DST-FIST

UGC-Innovative PG programmes   Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers   12

2.2 No. of Administrative/Technical staff   01

2.3 No. of students   00

2.4 No. of Management representatives   01

2.5 No. of Alumni   01

2. 6 No. of any other stakeholder and
     community representatives   01

2.7 No. of Employers/ Industrialists   00

2.8 No. of other External Experts   00

2.9 Total No. of members   16

2.10 No. of IQAC meetings held :

16

2.11 No. of meetings with various stakeholders: No. 02 Faculty

12

Non-Teaching Staff Students 01 Alumni 01 Others 00

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No ✓

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. 03 International 00 National ☐ State 02 Institution Level 01

(ii) Themes

DST sponsored faculty entrepreneurship development programme in collaboration with MCED Nagpur and Interaction programme with IIT Chennai faculties as a part of outreach programme for PG, research students and teachers.

2.14 Significant Activities and contributions made by IQAC

IQAC conducted various activities throughout the year that includes DST sponsored faculty entrepreneurship development programme in collaboration with MCED Nagpur and Interaction programme with IIT Chennai faculties as a part of outreach programme for PG, research students and teachers, Environment awareness, Blood donation camp, Tree plantation and guest lectures by the eminent personalities in the respective departments.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1) To prepare academic calendar and to follow it.	1) The academic calendar was followed.
2) To organized various	2) Various programs like DST sponsored faculty

activities in order to enhance the overall quality.	entrepreneurship development programme in collaboration with MCED Nagpur and Interaction programme with IIT Chennai faculties as a part of outreach programme for PG, research students and teachers, Environment awareness, Blood donation camp, Tree plantation and guest lectures by the eminent personalities in the respective departments.

Attach the Academic Calendar of the year as Annexure.

☐   ☑

2.15 Whether the AQAR was placed in statutory body   ~~Yes~~   No

Management ☐   Syndicate ☐   Any other body ☐

Provide the details of the action taken

Nil

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	01	-	-	-
PG	01	-	-	-
UG	01	-	-	-
PG Diploma	-	-	-	-

Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	03	-	-	-
Others	02	-	-	01
Total	08	-	-	01

Interdisciplinary	-	-	-	-
Innovative	01			

1.2   (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
       (ii) Pattern of programmes:

	Pattern	Number of programmes
	Semester	02
	Trimester	-
	Annual	-

1.3 Feedback from stakeholders*   Alumni [ ]   Parents [ ]   Employers [ ] dents [✓]
     (On all aspects)

     Mode of feedback   :   Online [ ] Manual [✓] Co-operating schools (for PEI) [ ]

Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

> Our Institute is affiliated to R. T. M. Nagpur University, Nagpur. Therefore we follow the syllabi of the University. R. T. M. Nagpur University makes the revision of syllabus time to time.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

> No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	38	31	06	01	-

2.2 No. of permanent faculty with Ph.D. | 31 |

Asst.	Associate	Professors	Others	Total

2.3 No. of Faculty Positions
Recruited (R) and Vacant (V)
during the year

Professors		Professors							
R	V	R	V	R	V	R	V	R	V
31	21	06	14	01	07	-	-	38	42

2.4 No. of Guest and Visiting faculty and Temporary faculty | 05 | | 10 | | 95 |

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	08	30	15
Presented papers	08	35	10
Resource Persons	01	20	05

2.6 Innovative processes adopted by the institution in Teaching and Learning:

> We make use of modern techniques that includes power point presentation, online and offline lectures by the expertise, use of Interactive board for Teaching and learning processes so that students get familiar with all these teaching aids and this also helps to boost up their knowledge. Field study tour are also organised for the students.

2.7 Total No. of actual teaching days
     during this academic year | 180 |

2.8 Examination/ Evaluation Reforms initiated by
     the Institution (for example: Open Book Examination, Bar Coding, | Assignment |
     Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum
     restructuring/revision/syllabus development | 08 | | |
     as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students | 77 |

2.11 Course/Programme wise
     distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG	148	00	20	47	02	46.62
PG	133	02	61	18	05	63.15

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

 IQAC has formed various committees (About 25). It has also divided the task in three different categories viz. Academics, administration and Finance. Likewise it has three heads under the guidance of IQAC. Academic Head handles academic coordination of the Institute. Various other committees related to these three heads are handled by respective heads. All the three heads are looking after one committee called "Tachan samiti" as per guidelines of higher office of Govt. of Maharashtra. The work of the committee is to monitor academic work like teaching, regularity in classes (theory & practical), writing daily diary etc. Report of inspection is submitted to the Director of Institute by IQAC coordinator. Director of Institute who is Chairperson of IQAC takes necessary action. IQAC organises the various academic activities/ Programmes in order to motivate the staff and students of the institute.

2.13 Initiatives undertaken towards faculty development   08

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	03
UGC – Faculty Improvement Programme	00
HRD programmes	01
Orientation programmes	01
Faculty exchange programme	00
Staff training conducted by the university	00
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	03
Others	-

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	00	02	00	02
Technical Staff	00	00	00	00

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

> IQAC promotes the research climate in the institution by organising the various activities like conferences, seminars and workshops throughout the year. IQAC also arranged the Interactive programme with the expertise from reputed institutes like IIT, NEERI, CICR, BSIP, NBSS etc. to develop the research collaboration and update the knowledge of current research in various fields.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		03	02 UGC 01 DST 01 OTHER	Nil
Outlay in Rs. Lakhs	Total amt.	27913800		

3.3   Details regarding minor projects

	Completed	On-going	Sanctioned	Submitted
Number		13		
Outlay in Rs. Lakhs		705000		

3.4   Details on research publications

	International	National	Others
Peer Review Journals	25	82	
Non-Peer Review Journals	07	10	
e-Journals	15	08	
Conference proceedings	10	20	

3.5 Details on Impact factor of publications:

Range 0.2 -5.6   Average 1.7   h-index   Nos. in SCOPUS 03

3.6 Research funds sanctioned and received from various funding agencies, industry and other

organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	03	UGC, DST	27913800	

		OTHERS		
Minor Projects	02	UGC	705000	
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*				
Any other(Specify)				
Total				

3.7 No. of books published   i) With ISBN No.   03   Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP   CAS   DST-FIST

DPE   DBT Scheme/funds

3.9 For colleges   Autonomy   CPE   DBT Star Scheme

INSPIRE   ✓   CE   Any Other (specify)   State Govt, UGC, DPDC

3.10 Revenue generated through consultancy   CRICKET GROUND RENT

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number					
Sponsoring agencies	UGC 01	UGC 03			

3.12 No. of faculty served as experts, chairpersons or resource persons   10

3.13 No. of collaborations   International   03   National   05   Any other   02

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency   28618800   From Management of University/College   -

Total 28618800

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions   received by faculty and research fellows
      Of the institute in the year

Total	International	National	State	University	Dist	College
01	-	-	01	-	-	-

3.18 No. of faculty from the Institution
      who are Ph. D. Guides   45
      and students registered under them   31

3.19 No. of Ph.D. awarded by faculty from the Institution   19

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF 02   SRF   Project Fellows   Any other

3.21 No. of students Participated in NSS events:

University level 99   State level 6

National level nil   International level nil

3.22 No. Of students participated in NCC events:

University level 20   State level 10

National level 03   International level 00

3.23 No. of Awards won in NSS:

University level [ ] State level [ ]

National level [ ] International level [ ]

3.24 No. of Awards won in NCC:

University level [ ] State level [03]

National level [03] International level [ ]

3.25 No. of Extension activities organized

University forum [-] College forum [06]

NCC [-] NSS [ ] Any other [02]

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Staff as well as students of our Institute actively participates in various community services. Every year we provide some services to the society which are listed below.

- On Dhamma charka pravartan din (on Dasherra) a large number of Buddha brothers and sisters visit Nagpur every year. A Panpoi centre is run by the Students Welfare Committee and N. S. S. students for providing snacks and water to the visitors for three to four days. Awareness programmes for the visitors are also arranged during this time.

- Facility for Identification of plants is made available to the various agencies / institutions like Forensic department and other researchers by the botany department.

- A credit Co-operative society was established in 1983 for the benefit of our employees. It provides long term as well as short term loans to the employees. A co-operative store is also run by the society in the premises which provides necessary service to the students and staff.

- Every year N.S.S. students arrange blood donation camp. The other activities of N. S. S. include cleaning of the premises, tree plantation etc.

- "Sound mind in healthy body". Keeping this principle in vogue, a well-equipped Gymnasium is installed in the Institute. Students, teachers and non-teaching staff regularly avail this facility. During winter assembly session the secretariat staff also enjoys this facility.
- Plant identification is carried out by the staff members of Botany department as and when required. The Botanical Society also arranges awareness campaigns and other personality development programmes for the benefit of the students.

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	51520 m^2			51520 m^2
Class rooms	25			25
Laboratories	37			37
Seminar Halls	10			10
No. of important equipments purchased (≥ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

4.2 Computerization of administration and library

> Most of the office and administrative work is carried out by using the computers. Each department in the institute is having the sufficient number of computers. The campus is covered by the Wi-Fi internet network for the quick and easy access to the internet. The online employee profiles of all the staff members are uploaded on sewarth and Director of Higher education website. The computerisation of library is under process. The internet is made available to the students in the library by the use of ten computers.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	41268	20634000	-	-	41268	20634000
Reference Books	7712	3856000	-	-	7712	3856000

e-Books	97000 (N-List)	--	-	-	-	-
Journals	65	499000	-	-	-	-
e-Journals	-	-	-	-	-	-
Digital Database	N-List	5000/-	-	-	-	-
CD & Video	100	Free CD	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	188	06	98	01	01	01	11	-
Added	10	-	-	-	-	-	-	-
Total	198	06	98	01	01	01	11	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

All computers in the campus are connected by LAN and have access to the internet by Wi-Fi network. Most of the staff members are having good knowledge of operating computers and using internet. We also organised various workshops and trainings under IQAC for upgradation of technical knowledge by the expertise.

4.6 Amount spent on maintenance in lakhs :

i) ICT
50000

ii) Campus Infrastructure and facilities
790824

iii) Equipments
80000

iv) Others
60000

Total :
980824

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> IQAC provide various student support services that includes Placement cell, Internet Wi-Fi facility, Gymnasium for boys and girls, Xerox facility, Yoga classes, extra timing for Library, cooperative store for the students, Personality development , Carrier and counselling, Coaching for various competitive examinations, Interaction with the expertise in the various fields for all round development of students. IQAC also organised various social activities like blood donation camp, Tree plantation etc under NSS.

5.2 Efforts made by the institution for tracking the progression

> - Through various committees progress was tracked
> - Through feedback from students
> - By conducting regular tests, giving periodic assignments

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
839	270	150	-

(b) No. of students outside the state

02

(c) No. of international students

-

Men

No	%

Women

No	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
98	190	30	446	02	766	128	234	42	517	02	923

Demand ratio   1:5   Dropout % 8.61

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Students were provided coaching for various competitive examinations under Entry in services and for NET/SET examinations under UGC XI plan. Institute provides the carrier and guidance as well as the placement cell for the benefit of students.

No. of students beneficiaries   30

5.5 No. of students qualified in these examinations

NET 11   SET/SLET 10   GATE 06   -

IAS/IPS etc -   State PSC -   UPSC -   Others 10

5.6 Details of student counselling and career guidance

 ➢ To arrange campus interviews by different companies and help the students to appear at these campus placements.
 ➢ To arrange the career guidance programmes frequently by the eminent personalities from various companies/ organisations/institutions in order to prepare them for facing the interviews.
 ➢ To organise personality development programmes in order to boost their confidence and built up the personality.

No. of students benefitted   450

5.7 Details of campus placement

	On campus		*Off Campus*
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
04	135	25	00

5.8 Details of gender sensitization programmes

Nil

5.9 Students Activities

    5.9.1   No. of students participated in Sports, Games and other events

    State/ University level | 16 | National level | 04 | International level | - |

    No. of students participated in cultural events

    State/ University level | 04 | National level | 01 | International level | - |

    5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level | 07 | National level | 02 | International level | - |

Cultural: State/ University level | 03 | National level | 01 | International level | - |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	00	00
Financial support from government	615	2938255
Financial support from other sources	14	84000
Number of students who received International/ National recognitions	-	-

5.11   Student organised / initiatives

Fairs   : State/ University level | | National level | | International level | |

Exhibition: State/ University level | | National level | | International level | |

5.12   No. of social initiatives undertaken by the students

| 10 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

> The vision of our Institute is to inculcate scientific temper among students to address global challenges by advancing the frontiers of science, by producing scientifically-trained leaders and innovators and enhancing public understanding of science.
>
> Our mission is to bring the benefits of science to society by providing access to a rich educational experience that will motivate and enable all of our students, to seek the highest levels of intellectual achievement in the physical, chemical, mathematical and biological sciences and attain an all-round personal growth with high moral

6.2 Does the Institution has a managment Information System

> Institute of science is the government institute and the Director of Higher education, Pune has recently implemented the Management information system for all the government colleges in Maharashtra region. The website of Management information system is www.mis.dhepune.info.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1   Curriculum Development

> Institute of science, Nagpur is affiliated to R. T. M. Nagpur University, Nagpur hence the syllabus of the UG and PG programmes present in the Institute are as per prescribed by the R. T. M. Nagpur University, Nagpur. However the various faculty members of our Institute are the members of Board of Studies of various subjects of the R. T. M. Nagpur University, Nagpur and therefore we actively participate in deciding the syllabus of University courses and Curriculum Development.

6.3.2 Teaching and Learning

- Student mentoring
- Use of audio-visual aids for teaching.
- Seminar and presentations by students
- Periodic evaluation of students by conducting tests.
- Students feedback.

6.3.3 Examination and Evaluation

Institute of science, Nagpur is affiliated to R. T. M. Nagpur University, Nagpur and the examinations are conducted by the university. Institute also evaluate the progress of the students by conducting the periodic unit tests and the Terminal test examination.

6.3.4 Research and Development

Most of the faculty members of the institute are actively involved in research and also have their collaboration with various organisations like BARC, NEERI, CICR and NGOs etc.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Our Institute boasts of a very rich collection of reference books and research journals catering to the needs of under graduate, post graduate and research students as well as the teaching and non-teaching staff. It provides a variety of facilities which includes a well furnished reading room for students, a separate reading room for teachers, bibliographic compilation, newspaper clippings service, Students aid fund, Reference/ referral service, etc.

Apart from providing reference books on all subjects taught in the college, the library subscribes to various journals. Current issues as well as the bound volumes are available to the research students and staff. This facility is also available to any researcher outside the college who wishes to refer to the journals. Newspapers of local and national repute, competitive and sports magazines and other reading material help the students to improve their general knowledge and prepare for various competitive examinations. The reading room is well stacked with encyclopedias on various subjects.

It has been the endeavor of the library staff to improve the facilities currently being provided. With this view, the reading room has recently been renovated providing a more cheerful atmosphere. The automation of the library is in process. Though outsiders are permitted to refer to the journals with prior permission, efforts are on to provide other inter library facilities too.

The entire library has been renovated and the networking of the library is completed. UGC INFONET connection is purchased in the library and internet facility is made available to the teachers and students.

6.3.6 Human Resource Management

Staff as well as students of our Institute actively participates in various Human Resource Management services. Every year we provide some services to the society which are listed below.

- On Dhamma charka pravartan din (on Dasherra) a large number of Buddha brothers and sisters visit Nagpur every year. A Panpoi centre is run by the students and staff for providing snacks and water to the visitors for three to four days. Awareness programmes for the visitors are also arranged during this time.

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- Every year N.S.S. students arrange blood donation camp. The other activities of N. S. S. include cleaning of the premises, tree plantation etc.

- "Sound mind in healthy body". Keeping this principle in vogue, a well equipped Gymnasium is installed in the Institute. Students, teachers and non-teaching staff regularly avail this facility. During winter assembly session the secretariat staff also enjoys this facility.

- Plant identification is carried out by the staff members of Botany department as and when required. The Botanical Society also arranges awareness campaigns and other personality development programmes for the benefit of the students.

6.3.7   Faculty and Staff recruitment

> Institute of science, Nagpur is Government Institute and the recruitment of staff is done by the Maharashtra Public Service Commission (MPSC)

6.3.8   Industry Interaction / Collaboration

> Most of the faculty members of the institute are actively involved in research and also have their collaboration with various organisations like BARC, NEERI, CICR and NGOs etc.

6.3.9   Admission of Students

> Admission programme of the institute is notified in the prospectus, admission committee was installed for UG admissions. Admissions were strictly on merit basis and as per govt. norms. Same process is adopted for PG admissions.

6.4 Welfare schemes for

Teaching	Govt. quarter facility, Medical facility, Group insurance
Non teaching	Govt. quarter facility, Medical facility, Group insurance
Students	Schlarships, Hostel facility,Placement and career & Guidence cell

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done   Yes ✓   No ☐

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	✓	Ex.Director/ Professors	✓	Director
Administrative	✓	Higher authority	✓	Director

6.8 Does the University/ Autonomous College declares results within 30 days?

✓ ☐

For UG Programmes   Yes   No

For PG Programmes   Yes ☑   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

> Institute of Science is being affiliated college to R. T. M. Nagpur University, Nagpur, we have to follow the examination reforms of university. From the last academic year the annual examination pattern has been changed to the semester pattern for both UG and PG programmes.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

> Institute of Science is run by Maharashtra state governent and affiliated college to R. T. M. Nagpur University, Nagpur

6.11 Activities and support from the Alumni Association

> Our Institute has a strong alumni association, AASCON, which functions for the benefit of students of our Institute. Every year AASCON provides financial assistance to the needy students in the form of prizes and scholarship. The association has also donated books and book shelves to the library.

6.12 Activities and support from the Parent – Teacher Association

> Every year we take regular meetings of parents to discuss various issues like attendance and academic performance of their wards. All teachers, students and their parents actively participate in the discussion. This helps to improve rapport between teachers and students. The suggestions from parents are considered for the development of students. This activity helps in improving the overall performance of the students.

6.13 Development programmes for support staff

> The following programmes are organized on a regular basis for the benefit of non-teaching staff.
>
> - Fund raising schemes operated by the co-operative society of Institute of Science.
>
> - Society also awards various scholarships to the wards of members for their *meritorious* performances.
>
> - This year the "Equal Opportunity Centre" organized various programmes for the benefit of non-teaching staff. These include workshops on computer awareness , RTI, Audit, How to send FAX and emails etc.
>
> - Medical check-up for the teaching and non-teaching staff was launched by Institute of Science. A panel of eminent doctors of the city who are also AASCON'ites have consented to extend free medical-check up in our premises to the non-teaching staff of our college. The motive behind the scheme is to facilitate a sense of responsibility towards one's health in the present day and circumstances.

6.14 Initiatives taken by the institution to make the campus eco-friendly

> Institute arranged the tree plantation in the premises with the help of students. Institute also established the solar energy light system in the surrounding of the campus.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

> Regular test and adoption of academic calendar improves presenty of students and ultimately result.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

> Academic calendar followed strictly and regularly evaluated by Academic committee and Director.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

> - Regular arrangement of examinations and evaluation.
> - Overall development of students.

***Provide the details in annexure (annexure need to be numbered as i, ii, iii)**

7.4 Contribution to environmental awareness / protection

- Students from various schools allowed to visit Institute and aware about the environment.
- UG and PG students of institute visit to various locality and create environment awareness among the people.
- Students of NSS and environmental science participated in common awareness programmes, nirmalys sankalan, Road shows, Rally's and creat awareness about environment .
- Organised tree plantation in the institute premises.
- Solar light system is installed in the premises.

7.5 Whether environmental audit was conducted?   Yes ☐   No ☑

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

- Our institute was selected by UGC as a 'College with potential for excellence'. We are expecting grants from state government, DPDC and UGC.

- After receiving the funds following schemes will be run effectively, for the benefit of the students

i) Coaching for NET/SET

ii) Equal Opportunities Centre

iii) Career and Counselling Cell

i) 	Remedial Coaching Center

ii) 	Coaching Classes for Entry in services

Institute has a subject wise society in every department with teachers & PG students of the respective departments as its members. These societies organize various activities throughout the year which include seminar competition, poster competition, guest lectures, educational tours and other activities which are beneficial for the all-round development of the students. A report of the activities of these societies is included in

8. **Plans of institution for next year**

> ❖ Modernisation of the college library.
>
> ❖ Organisation Seminars, workshops and conferences.
>
> ❖ Visits to advance centres of learning.
>
> ❖ Involvement of the alumni association for bringing in more funds and using their expertise for the benefit of the students.
>
> ❖ Renovation and modernization of laboratories and classrooms.
>
> ❖ Expansion of modern teaching methods.
>
> ❖ Extension of girl's hostel.
>
> ❖ Construction of new library building.
>
> ❖ **Proposals sent to the government for**
>
> > • Construction of Entrance gate.
> >
> > • Separate building for auditorium.

Name Dr. Mrs. Surekha A. kalkar   *Name Dr. M. T. Bharambe*

_____   _____

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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संस्थेची शैक्षणिक दिनदर्शिका (सन २०१३-२०१४)
शैक्षणिक वर्षारंभ : दिनांक १७ जून, २०१३
प्रवेश प्रक्रिया : दिनांक ३० जून, २०१३ पर्यंत.
नियमित वर्ग प्रारंभ : दिनांक १ जुलै, २०१३

शैक्षणिक दिनदर्शिका

अ.क्र. (१)	महिना (२)	अध्यापनाचे दिवस (३)	परीक्षा (४)	इतर कामे (५)
१	जुलै, २०१३	२५	—	—
२	ऑगस्ट, २०१३	२५	दिनांक २९, ३० व ३१ रोजी मासिक घटक चाचणी	गुरूवार दिनांक १५ रोजी स्वातंत्र्य दिन समारंभ. दिनांक २६ रोजी एस.आर.सी./एन.ग.सी.एफ./ एन.एस.एस. उद्घाटन समारंभ. शनिवार दिनांक २१ रोजी पालकसभा. गुरूवार, दि. ५ रोजी शिक्षक दिन.
३	सप्टेंबर, २०१३	२३	—	
४	ऑक्टोबर, २०१३	*	दिनांक १ ते ९ पर्यंत प्रथम सत्रांत परीक्षा.	
५	नोव्हेंबर, २०१३			दिनांक ३० रोजी स्नेहसंमेलन, स्नेहसंमेलन वर्धापनदिन. जयजागृती.
६	डिसेंबर, २०१३	२५	दिनांक २३, २४ व २६ रोजी मासिक घटक चाचणी.	
७	जानेवारी, २०१४	२७	दि. २१ ते ३० द्वितीय सत्रांत परीक्षा.	दिनांक ८ ते १९ क्रीडा स्पर्धा व स्नेहसंमेलन दिनांक २६ रोजी प्रजासत्ताक दिवस समारंभ. निर्गमित्रच्या विद्यार्थ्यांचे कार्यशाळा, परिपाठ
८	फेब्रुवारी, २०१४	२२	पदवीपूर्व वर्गांच्या प्रात्यक्षिक परीक्षा.	
९	मार्च, २०१४	*	पदव्युत्तर वर्गांच्या द्वितीय सत्रांत परीक्षा.	
१०	एप्रिल २०१४	*	पदव्युत्तर वर्गांच्या प्रात्यक्षिक परीक्षा. व इतर कामे.	
	एकूण	*		

वरील शैक्षणिक दिनदर्शिकेमध्ये काही कारणामुळे बदल करण्याचे अधिकार संस्थेचे मा.अध्यक्ष अध्यक्षांना असणार.

* रा.नु.५ नोव्हेंबर पर्यंतच्या वर्ग प्रवेश, सत्र परीक्षा निकालपत्रक व निकालपत्रक मार्च २०१४ व एप्रिल २०१४ मधील कामके दिवस निश्चित करताना व ५ नोव्हेंबर पर्यंत उपरोक्त शिक्षण सुरूराह