

Action taken u/s 12(7) of Maharashtra Public Universities Act, 2016

REPORT OF ACADEMIC AND ADMINISTRATIVE
AUDIT COMMITTEE FOR THE YEAR 2018-19

ITEM No.:147: Council noted the action taken by the Hon'ble Vice-Chancellor under section 12(7) Maharashtra Public Universities Act, 2016 on behalf of Management Council, the report of Academic and Administrative Audit Committee for the year 2018-19 of Rashtrasant Tukadoji Maharaj Nagpur University.

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY, NAGPUR



2018-2019

**ACADEMIC AND ADMINISTRATIVE AUDIT REPORT FOR
INSTITUTION, DEPARTMENTS & SECTIONS MANAGED BY RTM
NAGPUR UNIVERSITY, NAGPUR**

1.0 Preamble

The mission of our University is to promote excellence in academic for a vibrant and inclusive society based on the knowledge creation and dissemination. Institution needs to introspect to identify the strength and grey areas in teaching, research and extension and administration to develop and excel in academic and administrative matters in tune with the vision and mission of the University. These identified areas need corrective measures and have to be initiated to achieve excellence in education which will help in sustainable development of the society and country as a whole.

2.0 Audit

The Academic and Administrative Audit (AAA) Committee visited all the academic departments, conducted colleges, centers, hostels and administrative sections etc. of the RTMNU from 3rd February to 7th February, 2020. The committee, verified information furnished by the Departments and Administrative sections, and looked into various aspects which are given below.

- Teaching-learning and extension programmes developed and adopted.
- Use of ICT for teaching and learning.
- Research output in terms of patents, research publications.
- Paper presentation during workshop and conferences, number of ongoing research projects and their potential.
- Research collaborations with individuals and institutions, consultancy services.
- Number of Ph.D. awarded, number of students qualified NET/SET/GATE examination, and number of research students working in the Department.
- Awards and recognitions received by the faculty and the students.
- Community linkages established and other activities initiated by the Departments.
- Status of infrastructure for academics, research and administration
- Student performance in terms of examination results.
- General administration including financial matters.
- Strength and weaknesses
- Functioning of Library

3.0 Observations

3.1. General

1. The university has sincerely pursued its stated vision and mission of producing students with adequate skill based knowledge in various disciplines.
2. The academic programmes follow the CBCS pattern at the post-graduate level.
3. The University supports research by funding research projects to the faculty. The outcome of the projects is evidenced in the term of the presentation made during seminars, conferences and published work.
4. The faculty actively participated in a large number of interactive projects, out-reach programmes and extension activities.
5. Departmental libraries are not in good condition in terms of infrastructure. Print books, research Journals, e Journals and e books are also not accessible to students.
6. Departments require more improved infrastructural support, for research activities.
7. ICT is not used in the departments due to inadequate infrastructure and connectivity.
8. Encouragement provided to Ph.D. students in terms of financial assistance is quite helpful and have positive impact.
9. Students do not have facility for sports and recreational activities for their overall physical and mental growth and development.
10. RUSA funded two Research and Innovation projects. The technology has already been transferred to industry for clinical trial of drugs.
11. RUSA has also supported for the improvement of infrastructure of RTMNU. A centre of Bioactives and Computer Centre have been established under RUSA grant.
12. Stress on efforts in obtaining financial assistance from various national and International funding agencies and not given.
13. RUSA under the infrastructure development grant provided funds for the construction of multi-facility centre for bringing RUSA centre of Bioactives and Computer Centre and instrumentation facility under one roof.
14. The engineering section lack effective maintenance of various establishments and due to which many places the infrastructure is not in good condition.
15. Inadequate regular statutory, teaching and non-teaching positions hampering the academic and administrative working.

3.2. The Initiatives Required

The University is needs to chalk out many programs like:

General:

- Centralized Admission need to be initiated for UG.
- Introducing e-governance in administration and smart card for students and staff.
- Strengthen SC-ST/OBC and Equal Opportunity Cells
- Health Centre: The infrastructure facility need more improvement related to medical instrument maintenance and technical staff. Availability of general and specific important medicines needs to be assured. The expert medical practitioners from specialized field need to be assigned visit on hourly basis.
- Non-teaching staff should be given awareness on new directions, governance and technology through training and workshops.
- Green initiatives such as use of solar energy, rain water harvesting, waste water and solid/ waste and e-waste management must be adopted.
- Introduction of choice-based credit system in the UG
- Career counseling and placement need to be strengthened through Cell.
- Introduction of communication skills, bridging courses in English and Entrepreneurship skill for students.
- Establishment of Centralized Instrumentation facility for students and faculty.

Infrastructure:

- Class rooms of all the departments need to be converted into smart classrooms.
- Improvement in campus infrastructure and security measures.
- Construction of multipurpose complex, a Convention centre with all the amenities.
- Construction of Indoor Sports complex;
- Basic amenities such as drinking water, wash rooms and common room, Wi-Fi campus, common facilities for general and specially-abled students.
- Establish Health sub-Centre in the University campus on priority.

Teaching and Learning

- Faculty need to promote MOUs with more local/national/International, institutions/laboratories/industries for academic and research collaborations to strengthen teaching and enriching the course contents for better employability.
- Teaching and learning in P.G. Departments based on IT modules need to be more strengthened to facilitate on-line teaching.
- Interdisciplinary research need to be promoted in the university.
- Make alumni association more dynamic and catalyze them to contribute more to educational and extension activities of the university.

Use of ICT and on-line teaching need to be promoted in departments.

The faculty need to put more efforts in obtaining financial assistance from various national and International funding agencies.

Departments need to keep records of student placement and inform to the placement cell.

Library:

Departmental libraries need to be improved in terms of infrastructure. Print books, research Journals, e Journals and e books must be made available to the students.

Main and campus library need to be more equipped with all the facilities needed for the students, to provide Xerox materials, access of the e-journals, e-books etc. and free wi-fi facility.

3.3. Ph.D. Cell

Registration

A separate space must be created having audio visual facility for presentation of Ph. D. synopsis at the time of Ph. D. registration during RRC Meeting.

Evaluation

Online data base of Ph. D. external and internal referee need to be maintained and updated regularly. The Ph.D. cell may ask for online acceptance from external Examiner and then send an electronic version/soft copy of the Ph. D. thesis, before sending the hard copy. Progress related to Ph. D. evaluation and information communicated and received from the external examiner, need to be communicated to the internal examiner simultaneously.

3.4. Engineering Department

Engineering section is to be strengthened with adequate technical and supporting staff.

Engineering Department is required to carry out the following on priority;

- Repair and maintenance Audit
- Fire Safety Audit
- Electrical Safety Audit
- Energy Audit
- Sanitation Audit

An online tracker need to be developed to track, status of the complaint registered regarding maintenance and repair received from the departments, centers, hostels and any university sections etc and also attended by the engineering department of the university.

3.5 *In-House Financial Audit*

The accounts are not internally audited regularly by all Departments and shortfalls have been identified during the exercise of carrying out our audit. The University should practice regular Internal and External Audit processes as part of its compliance with financial discipline. The team of staff under each Department must undertake an exhaustive and comprehensive inspection and verification of all the vouchers and transactions carried out during each financial year under intimation to their respective Heads of the Department. Minor errors, omissions or commissions when pointed out during the audit, the process should be complied immediately. All concerned staff members responsible for carrying Internal Audit must be trained to carry out Audit in a harmonious manner. The statutory External Audit Reports can be completed within the stipulated time.

The Women Harassment Cell

The Women Harassment Cell must have a system in place to deal with cases/complaints of sexual harassment and to implement the women's policy in general. Keeping these in mind the existing Women's Harassment Cell has to be revamped and refurbished in all respects.

4.0 **Strength, Weakness, Challenges & Opportunities**

4.1 *Institutional strength lies in*

- Many Departments have smart board teaching facility and are being used effectively.
- Many Department or sections have Dynamic leadership and visionary management.
- The infrastructural facilities have been updated in many departments.
- The construction of RUSA multi-facility centre has been initiated to house the major equipments at common place to be used by the students and faculty.
- Faculty of few departments and centers offering consultancy services to the industries and free consultancy to resource poor community.
- Most of the working of examination related work done on line, and result declared within the prescribed time schedule.

- Earn and learn scheme for the regular students.
- Consultancy services provided by RUSA centre to students, faculty and industry on identification of bioactives.
- Consultancy provided to the farmers and other resource poor community on self employment in sericulture.
- A incubation centre established to identify innovative ideas, incubate the ideas and initiate start ups.
- Promotion of research through financial support to teachers and students.

4.2 *Institutional weakness lies in*

- Only few faculties involved in consultancy services.
- Limitation of space for research and innovations.
- Lack of multidisciplinary research.
- Lack of basic recreational facilities in hostels and academic campuses.
- Poor network connectivity in campuses.
- Enrolment of International students.

4.3 *Institutional challenge lies in*


- Introduction of more skill based courses and encouragement students for joining such courses.
- Strengthening collaborative activities for teaching and research.
- Providing better facilities within the available limited space.
- Scattered Campuses

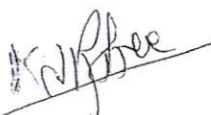
4.4. *Institutional opportunity lies in*


- Generation of funds from funding agencies through Research Projects, donations from Alumni and CSR fund from industries.
- Strengthening College – industry interactions.
- Introduction of more skill based curricula.
- Digitization and e-governance.


4.5 Recommendations

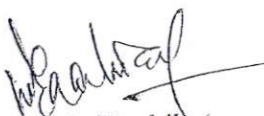
- Academic autonomy to be given to the University PG departments on the basis of their potentials.
- Efforts must be taken to improve NIRF ranking.
- Efforts must be taken to improve enrolment of international students in Scopus or reputed journals.
- Research activities and publications need to be improved.
- Vacant teaching and non-teaching posts to be filled on priority.
- Use of ICT for teaching and learning to be strengthened.
- Departments need to have more collaboration with other institutions of National and International repute.
- Ph.D. Degree evaluation process needs to be streamlined to reduce the duration of Ph.D. Award.
- More programs on extension activities need to be organized to reach out the society.
- On line student feedback must be analyzed and considered for reforms.
- Revision of syllabi may be done after every three years.


Dr. S. B. Zade
(Chairman)

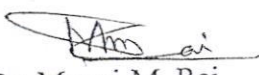

Justice K. J. Rohi
(Member)


Dr. Mrs. K. Jadhav
(Member)


Dr. Santosh Sadar
(Member)


Dr. M. S. Kashikar
(Member)

Dr. M. D. Uttarwar
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Dr. Manoj M. Rai
(Member Secretary)