

MAHARSHI DAYANAND UNIVERSITY ROHTAK
DEPARTMENT OF CHEMISTRY
ACADEMIC AUDIT REPORT

Academic Audit Committee comprising of following members carried out the Academic Audit of the Department for the year 2013-14 on 19.11.2014 at 12.00 (Noon), in the office of the H.O.D.

1. Prof. J.B. Dahiya, Deptt. of Chemistry, G.J.U. Hisar
2. Prof. A.K. Sharma, Deptt. of Material Chemistry, DCRUST, Murthal
3. Prof. K.K. Verma, Dean, Faculty of Physical Science, M.D.U. Rohtak

The committee has gone through the contents of Department Profile and Self Evaluative Report submitted by the H.O.D. Chemistry. The committee members interacted with the teachers, research scholars and M.Sc. students and gathered informations regarding teaching, research, infrastructural facilities and other activities in the Department. The committee's Observations & Recommendations are:

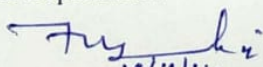
Observations

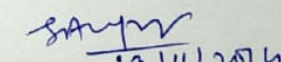
- (i) The M.Sc. (Chemistry) Course is of two years duration and taught in four semesters (two semesters per year). The system also involves internal assessment based on Assignments, Attendance, Seminars and House Test.
- (ii) There is a great competition for getting admission to M.Sc. Course. The Department received more than 1300 applications against 90 seats, which in turn reflects the demand of the Course.
- (iii) The Department has well-equipped Teaching Laboratories, Research Laboratories and Class rooms with modern teaching aids like OHP and LCD projectors. To provide thrust on information communication technology, Optional paper entitled, "Computer for Chemists" has also been introduced in M.Sc. (P) Chemistry class.
- (iv) The syllabi of M.Sc. are as per guidelines of UGC and minor revision in the syllabi has been done in the year 2013-14. The syllabi include a lot of experimental work which help the students in learning a number of physico-chemical techniques.
- (v) The faculty members are actively engaged in research work as evident from number of research papers published in National/International Journals. Five major projects sanctioned by UGC are in progress.
- (vi) Three students have been awarded Ph.D. degree; eight have been registered for Ph.D. degree and fourteen students have qualified the UGC-CSIR, NET examination.
- (vii) General feedback from the students was taken in November, 2013 & March, 2014
- (viii) Numbers of teachers have attended the Symposium, Conferences and some of them also have delivered invited talks in Conferences/Seminars.

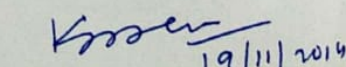
Recommendations

The committee recommends that

- (i) Faculty members be motivated for getting more Major Projects from various funding Agencies.
- (ii) One Seminar Room, two Smart Classrooms, Common rooms for students be provided in the Department.


(J.B. Dahiya) 19/11/14


(A.K. Sharma) 19/11/2014


(K.K. Verma) 19/11/2014

MAHARSHI DAYANAND UNIVERSITY, ROHTAK
DEPARTMENT OF HINDI

A meeting of Academic Audit Committee of Hindi Dept. was held on 19-11-2014 at 11:30 a.m. in the office of Head, Dept. of Hindi. The following members were present:

1. Prof. Rohini Aggarwal,
Dean, Faculty of Humanities
2. Prof. Rambux, (outside Expert)
Jawahar Lal Nehru University, New Delhi.
3. Prof. Lal Chand Gupt Mangal, (outside Expert)
Ex. Prof., Dept. of Hindi, Kurukshetra University,
Kurukshetra.

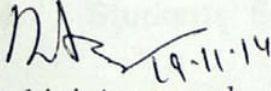
The Committee has gone through the performa provided for the Audit purpose.

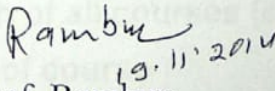
The Committee inspected the physical infrastructure of the Dept. and found it sufficient. However Language Lab and Departmental Library can be established to enrich the Department.

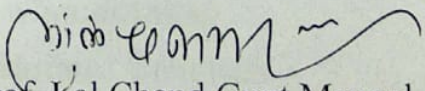
The Committee found that the syllabi and courses of the M.A., M.Phil and P.G. Diploma in Translation are at par with other Universities. Syllabi are regularly revised at short intervals as and when need arises.

The Committee also interacted with the faculty members and research scholars of the Department and came to the conclusion that Research activities are quite satisfactory. The Dept. is very dynamic in organizing seminars and extension lectures. It has also taken interest in encouraging creative activities in the Dept. in the form of staging a play, Creative Writing and 'Lekhak Se Samvad'.

Encl : Academic Audit Proforma.


Prof. Rohini Aggarwal
Dean, Faculty of
Humanities
M.D.U., Rohtak


Prof. Rambux
Outside Expert
J.N.U., New Delhi


Prof. Lal Chand Gupt Mangal
Outside Expert
Kurukshetra University, Kurukshetra

Academic Annual Proforma 2013-2014

1. Name of the Department: Hindi
2. Head of the Department : Prof. Rohini Aggarwal
3. Other Teaching Faculty(except HoD): Name & Qualifications

i) Professor:- Seven

Sr. no.	Name of Faculty	Designation	Qualification
1	Dr. Ram Sajan Pandey	Professor	Ph.D., D.Lit
2	Dr. Ram Rati	Professor	Ph.D.
3	Dr. Sushila	Professor	Ph.D.
4	Dr. Sanjeev Kumar	Professor	Ph.D.
5	Dr. Maya Malik	Professor	Ph.D. (on Deputation)
6	Dr. Krishna Joon	Professor	Ph.D.
7	Dr. Pushpa	Professor	Ph.D.

ii) Associate Prof.:- Two

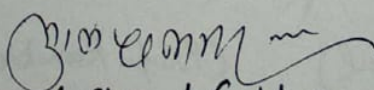
Sr. no.	Name of Faculty	Designation	Qualification
1	Dr. Renu Chandla	Associate Professor	Ph.D.
2	Dr. Sheela Gehlot	Associate Professor	Ph.D.

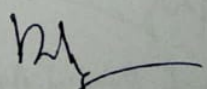
iii) Assistant. Prof.:- One

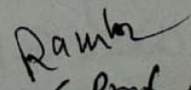
Sr. no.	Name of Faculty	Designation	Qualification
1	Dr. Krishna Devi	Assistant Professor	Ph.D.

4. Students' Strength of all courses (course-wise details)-

Name of course	Student Strength	
	M	F
M.A. Previous	18	42
M.A. Final	11	40
M.Phil	8	13
PG Diploma in Translation	10	10


Prof. Renu Chandla (Hindi)


Prof. Rohini Aggarwal (Hindi)


Prof. Rambhadr (Hindi)

5. **New Course (s) introduced, if any-** Nil

6. **Revision/Update of regulation or Syllabi, if any-** Frequently, as and when need arises.

7. **Details of extension lectures organized by the Institute/Department:**

- Mr. Kamlesh Bhartiya, Deputy Director, Haryana Granth Akademi, Panchkula delivered extension lecture on the topic "Prem Chand Ka Katha Sahitya" on July 20, 2013.
- Ms. Manisha Kulshrestha, eminent writer, Delhi delivered extension lecture on the topic "Samkalin Katha Sahitya Aur Meri Rachna Prakriya" on Sept. 27, 2013.
- Prof. Urmila Shiris, Maharani Laxmi Bai Girls PG College, Bhopal, delivered extension lecture on the topic "Samkalin Hindi Kahani Aur Aaj Ka Samay" on Nov. 18, 2013.
- Mr. Satya Narayan Patel, Eminent writer, Indore, delivered extension lecture on the topic "Uttar Adhunik Samay Mein Hashiye Ke Samaj ka Sangraha" on Feb. 21, 2014.

8. **Details of the National/International/Conferences/Seminars/Workshops organized by the Institute/Department:**

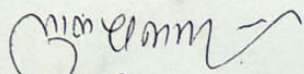
- National Seminar on the topic of "Kabir : Kal Aaj Aur Kal" on Oct. 24, 2013 in collaboration of Sant Kabir Chair.
- National Seminar on the topic of "Uttar Adhunik Paridrishya Aur Hindi Sahitya" on March 06, 2014.

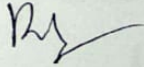
9. **Academic Achievements of the individual teachers during the session 2013-2014.**

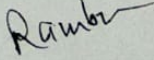
i) **Paper published with topic and details of the journal etc.**

Prof. Rohini Aggarwal :

- 'Andhere Tahkhano Mein Chhipe Alok-Vritt urf Sah-Sarjak Paathak Ke Sang Sanlaap' (अंधेरे तहखानों में छिपे आलोक-वृत्त उर्फ सह-सर्जक पाठक के संग आलाप), Rohini Aggarwal, Kathadesh, Delhi, August 2013
- 'Kabir', Rohini Aggarwal, Akar, Kanpur, Sept. 2013
- 'Aatmsaakshatkar ka Sahas Aur Manushy ka Sandhan' (आत्मसाक्षात्कार का साहस और मनुष्य का संधान)', Rohini Aggarwal, Samved, Delhi, pp 44-52, ISSN 2231-3885, Nov. 2013
- 'Chuppi Mein Page Shubhashish Banam 50 saal ka Antraal Aur Prem Ko Raundi Akramkata' (चुप्पी में पगे शुभाशीष बनाम 50 साल का अंतराल और प्रेम को रौंदती आक्रामकता), Rohini Aggarwal, Anhad, Allahabad, pp 124-136, ISSN 2248-9053 Jan. 2014


(Prof. Lal Chand Gupta Mangal)


(Prof. Rohini Aggarwal)


(Prof. Rambux)

- 'patnitav Ke Baade Mein Band Striyan Aur Chabuk fatkarti Ahmnishth Sankeernta' (पत्नीत्व के बाड़े में बंद-स्त्रियां और चाबुक फटकारती अहनिष्ठ संकीर्णता), Rohini Aggarwal, Saakhi, Varanasi, pp 191-197, ISSN 2231-5187, March 2014
- 'Sanskritik Rashtrvaad Aur Pattharon Ka Khel'(सांस्कृतिक राष्ट्रवाद और पत्थरों का खेल), Rohini Aggarwal, Baya, Ghaziabad, ISSN 2321-9858 April 2014
- 'Kamleshwar ki 'Talash' aur Kavita ki 'Ulatbansi' (कमलेश्वर की तलाश और कविता की उलटबांसी), Rohini Aggarwal, Pahal 96, Jabalpur, pp 149-164, 2014
- 'Stree Vimarsh Aur Naaritav Ki Vishisht Sanrachanayen' (स्त्री विमर्श और नारीत्व की विशिष्ट संरचनाएं), Rohini Aggarwal, Chapter included in Book titled 'Hindi- Aadhunikta: ek punarvichar', Vaani Publications, Delhi , pp 183-201, 2014, ISBN 978-93-5072-622-8
- 'Samkleen Hindi Upanyas Aur Diku Samaj Ka Aadiwasi Chintan' (समकालीन हिन्दी उपन्यास और दीकू समाज का आदिवासी चिंतन), Rohini Aggarwal, Chapter included in Book titled 'Aadiwasi Sahitya Vimarsh' Anamika Publications, Delhi , pp 67-96, 2014, ISBN 978-81-7975-580-8

Creative Writing

- 'Kile Mein Samander' (किले में समंदर), a short story, Rohini Aggarwal, Paakhi Publication, Delhi, September 2013.
- 'Pardey' (परदे), a short story, Rohini Aggarwal, Nikat, Abu Dabhi.

Prof. Ram Sajan Pandey :

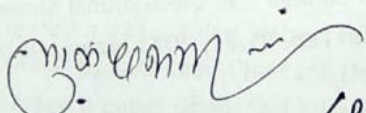
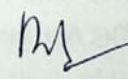
- 'Shabdon Mein Jeewqn Ki Jhankriti Hai'(शब्दों में जीवन की झंकृति है), Ram Sajan Pandey, Ananya, Varansi, Issue 4-5, July-2012-13.
- 'Samajik Yatharth Ka kavi' (सामाजिक यथार्थ का कवि), Ram Sajan Pandey, Ananya, Varansi, Issue 6-7 July-2013-14
- 'Parivesh Ki Pratibadhdhta Ka Sarjak' (परिवेश की प्रतिबद्धता का सर्जक), Ram Sajan Pandey, Pratyaya , Issue 14, April-June-13.

Prof. Ram Rati :

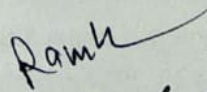
- 'Muk Samvedna Ki Mukhar Dastan' (मूक संवेदना की मूकर दास्तान) Ram Rati, a Story included in 'Haryana Ki Samkaleen Kahani', Published by Haryana Granth Acadami.

Prof. Sanveev Kumar :

- "Virha Ka InderDhanush' Mein Prem Aur Sondarya' Sanjeev Kumar, Chapter included in vbok titled 'Dr. Kailash Chander Sharma Ki Sahitya Sadhana', Triveni kala Sangam Publication, Jaipur, 2014, ISBN 978-8-29570-0-5.

 (Prof. Lal Chand Gupta Mangal) (Prof. Rohini Aggarwal) Ramk



 (Prof. Rambux)

ii) Project (s) awarded to the Teacher(s) or currently being pursued, details of the project(s) and its sponsoring agency.

- Prof. Rohini Aggarwal was appointed as a co-PI Project entitle "Manak Hindi Aur Haryanvi Ka Vyatireki Adhyayan." sponsored by the UGC period w.e.f. 2012 to 2014.

iii) Details of participation in National/International Conferences/Seminars/ Workshops by the teachers with the title of the paper presented and date with year.

Prof. Rohini Aggarwal :

- Chaired a Session and Presented a paper titled 'Samkaleen Sahity Aur Samaj: Stree ki Sthiti Aur Samasyaen' in the National Seminar on 'Stree: kal, Aj Aur Kal', on Oct. 19-20, 2013 organized by Lohia College, Churu, Rajasthan
- Chaired a Session and Presented a paper titled 'Hindi Cinema mein Chitrit Stree Chhavi' in the National Seminar on Sahity, Samaj aur Cinema, 31 Jan.-01Feb 2014 organized by Dept of Hindi, Delhi University, Delhi
- Keynote Address and Presented a paper titled 'Samaj Aur Sanskriti ki Bhumika : Stree ka Sandarbh' in the National Seminar on Jan. 2014 organized by Women Studies Centre, Rohtak
- Keynote Address and Presented a paper titled 'Badlate Parivesh mein Stree ki nayee chunautiyan' in the Inter National Seminar on Vaishvik Chetna Aur Hindi Sahity on Feb. 22-23, 2014 organized by Dept of Hindi, Lucknow University, Lucknow
- Chaired a Session and Presented a paper titled 'problems of Women in Present Scenario' in the National Seminar on March 27, 2014 organized by Sat Jinda Kalyan College, Kalanaur
- Keynote Address and Presented a paper titled 'Samkaleen Hindi Kahani Aur Samaj' in the National Seminar on 'Hamare Samay Mein Sahity' on 26 March 2014 organized by Dept of Hindi, JNU, Delhi

Prof. Ram Sajan Pandey :

- Presented a paper titled ' Sant Sahitya Ki Samajik SamarSatta Mein Arthik Sarokar Ka Yogdan', in the National Seminar on the center topic of 'Sant Sahitya Aur Samajik SamarSatta' on Oct. 18-19, 2013 organized by Rajasthan University, Jaipur.
- Presented a paper titled ' Sahitya, Sinema Aur Sanskriti' , in the National Seminar on the center topic of 'Sahitya, Sinema Aur Samaj' on Jan. 31-Feb. 01 ,2014 organized by Nav Unanayan Sahityik Society, New Delhi.
- Presented a paper titled ' Suchana Kranti Yug Aur Sahitya' , in the National Seminar on the center topic of 'Suchana Kranti Yug Aur Sahitya' on Feb. 21-22, 2014 organized by Maharaj Aggarsen P.G. College, Jagadhari.
- Presented a paper titled ' Electronic Media Ki Chunotiyan' , in the National Seminar on March 29, 2014 organized by Tikaram Girls P.G. College, Sonapat.

(Prof. Lal Chand Gubit Mansal) (Prof. Rohini Aggarwal) (Prof. Rambux)

Prof. Ram Rati :

- Presented a paper titled ' Ram Kavya Aur Maithilisharan Gupta', in the National Seminar on Feb. 07, 2014 organized by Balmiki Chair, M.D. University, Rohtak.
- Presented a paper titled ' Hindi Alochana Aur Uttar Adhunik Vimarsh', in the National Seminar on March 06, 2014 organized by Department of Hindi, M.D. University, Rohtak.

Prof. Sushila :

- Presented a paper titled 'Samkalin Vimarsh Aur KABIR', in the National Seminar on Oct. 24, 2014 organized by Sant Kabir Chair and Dept. of Hindi, M.D. University, Rohtak.
- Presented a paper titled 'Ram Kavya Parampara mein Saket Ka Sathan', in the National Seminar on Feb. 07, 2014 organized by Balmiki Chair, M.D. University, Rohtak.
- Presented a paper titled ' Bazar Ka Aatank Aur 21vi Sadi Ki Kahani', in the National Seminar on March 06, 2014 organized by Department of Hindi, M.D. University, Rohtak.

Prof. Sanjeev Kumar

- Presented a paper titled 'Dasya Bhav Ki Bhagti Aur Ramcharit Manas', in the National Seminar on Feb. 07, 2014 organized by Balmiki Chair, M.D. University, Rohtak.
- Presented a paper titled ' Uttar Adhunikta : Swaroop Aur Prasangikta', in the National Seminar on March 06, 2014 organized by Department of Hindi, M.D. University, Rohtak.

Prof. Maya Malik :

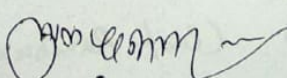
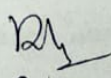
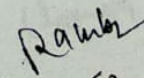
- Presented a paper titled 'Kabir Ki Prasangikta', in the National Seminar on Oct. 24, 2014 organized by Sant Kabir Chair and Dept. of Hindi, M.D. University, Rohtak.
- Presented a paper titled 'Ram Kavya Parampara Aur Saket', in the National Seminar on Feb. 07, 2014 organized by Balmiki Chair, M.D. University, Rohtak.
- Presented a paper titled ' Uttar Adhunik Paridrishya Aur pankaj Raag Ki Kavita', in the National Seminar on March 06, 2014 organized by Department of Hindi, M.D. University, Rohtak.

Prof. Krishna Joon :

- Presented a paper titled 'Kabir Ki Prasangikta', in the National Seminar on Oct. 24, 2014 organized by Sant Kabir Chair and Dept. of Hindi, M.D. University, Rohtak.
- Presented a paper titled 'Ram Kavya Parampara', in the National Seminar on Feb. 07, 2014 organized by Balmiki Chair, M.D. University, Rohtak.
- Presented a paper titled ' Uttar Adhunik Paridrishya Aur Upanyas', in the National Seminar on March 06, 2014 organized by Department of Hindi, M.D. University, Rohtak

Dr. Sheela Gehlot :

- Presented a paper titled 'Kabir : Kal Aaj Aur Kal', in the National Seminar on Oct. 24, 2014 organized by Sant Kabir Chair and Dept. of Hindi, M.D. University, Rohtak.
- Presented a paper titled 'Shri Krishna 'Sara' Ka Rashtriya Kavya, in the National Seminar on Dec. 28-29, 2014 organized by Govt. P.G. Agrani Mahavidhyalya, Guna, M.P.

  
(Prof. Lal Chand Gupta Mangal) (Prof. Rohini Aggarwal) (Prof. Rambux)

- Presented a paper titled 'Ram Kavya Parampara Mein Saket ka Sthan', in the National Seminar on Feb. 07, 2014 organized by Balmiki Chair, M.D. University, Rohtak.
- Presented a paper titled 'Bazar Ka AAtank Aur 21vi Sadi Ki Kahani', in the National Seminar on March 06, 2014 organized by Department of Hindi, M.D. University, Rohtak

Asst. Prof. Krishna Devi :

- Presented a paper titled 'Bhashik Vibhinnta Aur Kabir', in the National Seminar on Oct. 24, 2014 organized by Sant Kabir Chair and Dept. of Hindi, M.D. University, Rohtak.
- Presented a paper titled 'Social Values in the Poetry of H.C. Verma', in the National Seminar on Jan. 23-24, 2014 organized by Dept. of English, M.D. University, Rohtak.
- Presented a paper titled 'Ram Ki Shaktipooja Mein Sanskritik Chetna', in the National Seminar on Feb. 07, 2014 organized by Balmiki Chair, M.D. University, Rohtak.
- Presented a paper titled 'Nasira Sharma Praneet Upanyas 'Shalmali' Ki Bhashik Sanrachna', in the National Seminar on March 06, 2014 organized by Department of Hindi, M.D. University, Rohtak

iv) **Details of contribution as Resource persons in the Orientation courses/ Refresher courses etc.**

Prof. Rohini Aggarwal :

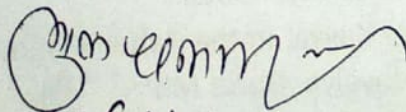
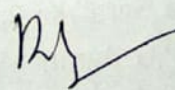
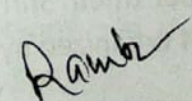
- Chaired a Session and Acted as Resource Person in Refresher Course organised by Dept. of Hindi, Maulana Azad National University, Hyderabad on 27-28 August, 2013.
- Chaired a Session and Acted as Resource Person in Refresher Course organised by Dept. of Hindi, Jamia Millia University, Delhi on Sept. 14, 2013.

Prof. Ram Sajan Pandey

- Acted as Resource Person in Orientation courses organised by Bhagat Phool Singh Mahila Vishva Vidhyalya on 29 November, 2013.
- Acted as Resource Person in Refresher Course organised by Himachal Pardesh University, Shimla on 16 November, 2013.

Faculty Participation in conferences and symposia:

No. of Faculty	International Level	National Level	State Level
Attended	01	30	00
Presented Papers	01	30	00
Resource Persons	01	02	00




 Lal Chand Gupht Mangal) (Prof. Rohini Aggarwal) (Prof. Rambux)

The admin
Details of Extension lecture(s) delivered by the teacher with topic, date and place.

Prof. Rohini Aggarwal :

- Extension Lecture delivered on the topic 'Premchand ki Virasat' on July 31, 2013 organized by Dept of Hindi, Punjab University, Chandigarh
- Extension Lecture delivered on the topic 'Premchand ki Stree Drishti' on Oct. 09, 2013 organized by Dept of Hindi, JNU, Delhi

Prof. Ram Sajan Pandey :

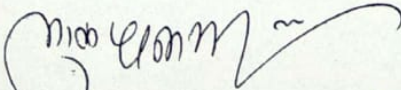
- Extension Lecture delivered on the topic 'Shodh Ki Dishayen' on Dec. 24, 2013 organized by Haryana Central University, Mohindergarh.
- Extension Lecture delivered on the topic 'Kavita Ki Zarurat Hai' on Feb. 28, 2014 organized by Ahir College, Rewari.

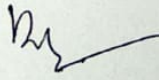
10. Innovative Practices

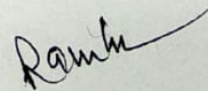
- The students of the Department staged a play 'AndhaYug' on 26-04-2014 at Mini Auditorium, M.D. University, Rohtak.
- Encouragement to Creative Writing.
- Interaction with Writers under 'Lekhak Se Samvad'.

11. Detail of Research Scholars of Department of Hindi:

- Registered Research Scholar during 2013-2014 : 13
- Ph.D. Degree awarded during 2013-2014 : 09
- Total Ph.D Research Scholar Enrolled : 79
- J.R.F. : 11
- S.R.F. : 03
- U.R.S. : 06
- Project Fellow : 02


(Prof. Lal Chand Gupta Mangul)


(Prof. Rohini Aggarwal)



(Prof. Rambux)

12. Infrastructure and Learning Resources :

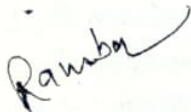
- Class Rooms : 03 • Lecture Theatre : 01 • Faculty Rooms : 09
- Office : 01 • Distance Education Center Room : 01 • Computer Lab : 01
- Computers : 08 • Laptops : 10 • Printers : 10 • Scanner : 01
- Photocopier : 01 • Projector : 01 • Podium : 01

13. Teaching Learning and Evaluation

- Internal Assessment
- Semester System
- Interactive Method of Teaching


19-11-14

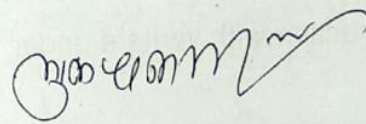
(Dr. Rohini Aggarwal)
Head of the Department,
Prof. & Head,
Deptt. of Hindi
M.D.U., Rohtak



(Prof. Rambux)



(Prof. Rohini Aggarwal)

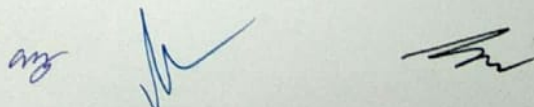


(Prof. Lal Chand Gupta Mangal)

Report of Academic Audit Committee of the Dept. of Psychology, M.D.University, Rohtak for the
academic session 2013-14
(21.11.2014)

Self Evaluative Report has been assessed on the following parameters in accordance to the information submitted to the Committee.

1. Six academic programmes had been running in the Department
2. No self-financing programme is there in the Department.
3. The revision/updating of syllabi is a regular practice in the Department as per UGC, NET syllabi.
4. Regular feed back is being obtained from the students, at the end of each semester on a student feedback form specified by IQAC, M.D.University, Rohtak
5. Teaching-learning environment, quality of course content, knowledge, sincerity and commitment level of teachers, encouragement by teachers, student teacher relationship, learning outcomes and fairness of internal assessment have been rated very good.
6. Computer facility, library support, support from administrative office and career counselling and placement of students have been rated as good. These related issues were also highlighted during the interaction of the students with the experts.
7. The participation of whole faculty in Conferences/Workshops/Seminars/Symposia/Refresher/Orientation courses is commendable.
8. Many significant innovative processes have been adopted by teachers in the Department. However, students had expressed the need for more field exposure and practical training.
9. The pass percentage in various courses in the department is 100%.
10. The development programmes, which include extension lectures and workshops on varied basic and applied psychology areas have been organized regularly by the Department.



11. The participation of the faculty members at International and National level in academic activities is excellent with significant large number of publications.
12. The infrastructural facilities in the Department are remarkable.
13. The Departmental Library facilities is not available, however, the committee was told that it would be restored very soon. This process needs to be hastened for the benefit of the students.
14. The teacher-taught ratio is appreciable. As per the information provided to the committee the dropout ratio is due to personal reasons of the students.
15. The Department has carried out many remarkable innovative programmers. However, to strengthen the training needs of the students, some more activities need to be planned.

The members of Academic Audit Committee interacted with the faculty members, students and non-teaching staff of the Department independently and found them satisfied in all the aspects.

The Committee inspected the infrastructural facilities related to teaching, research and extension services. The experts were highly appreciative of the commendable academic work being carried out in the Department of Psychology.

On the basis of the fore mentioned observations and interactions with faculty and students, the experts felt the Department has expertise, acumen and infrastructure to contribute effectively towards many outreach activities. These should be strengthened in terms of the field training, project works and extension activities. For carrying out these academic activities, the Committee recommends that the Department be given the status of an 'Institute of Behavioural Science'.

Ammandan
(A. NURADHA BHANDARI)
 Prof. of Psychology
 Punjab University, Chandigarh

Hasan
(N. HASNAIN)
 Prof. of Applied Psychology
 J.M.I. University, Delhi

Sunita Malhotra
(SUNITA MALHOTRA)
 Dean, Faculty of Social Sc.
 M.D. University, Rohtak
 21.11.2014

**MAHARSHI DAYANAND UNIVERSITY, ROHTAK
DEPARTMENT OF FOOD TECHNOLOGY**

Subject: Proceedings of the meeting of Academic Audit Committee in the department of Food Technology, M.D.University, Rohtak for the academic session 2013-14

The academic audit of the department of Food Technology was conducted on 22nd November, 2014. The following members were present.

- | | |
|---|--|
| 1. Prof. P.K. Jaiwal | Dean, Faculty of Life Sciences
M.D.University, Rohtak |
| 2. Prof. R.S. Dabur
LLR University of Veterinary
& Animal Sciences, Hisar | Outside Expert |
| 3. Prof. P.K. Nema
NIFTEM, Kundli (Sonipat) | Outside Expert |

The members of the academic audit committee visited the department, particularly the research and teaching laboratories of the department. The members of the committee also interacted with the faculty members, research scholars and students of the department. The following were the observations/recommendations of the committee regarding the various aspects of academic audit.

1. Curriculum aspects

- i) The department has provision of M.Sc and Ph.D programme in Food Technology. The PG course is of two years duration comprising of two semesters per year with open choice based credit system.
- ii) The syllabi of both M.Sc as well as Pre-Ph.D programmes have been designed as per guidelines of UGC and it is being revised time to time. The last revision was made effective in February, 2014.
- iii) The courses of PG programme are designed to include all the core areas of food processing and technology. Apart from this, basic foundation courses including course of computer applications and statistical methods have also been incorporated in the syllabi. The syllabus has also provision of dissertation, credit seminars and internal assessment of the students. The internal assessment made on the basis of assignments, class tests, attendance and overall disciplinary records of the students.

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[Signature]

P. Nanda

2. Teaching, Learning and Evaluation

- i) The department has three faculty teachers including one Associate Professor and two Assistant Professors. To meet out additional teaching requirements of the students, the research scholars/guest teachers in the department are assigned for the teaching load.
- ii) The total annual intake of the students in PG programme is 25, thereby making a good teacher/student ratio of 1:8.
- iii) The experts had an interaction with the students and it was observed that the students learning status is assessed and evaluated regularly through the assignments, seminars, sessional tests, semester tests and other presentations. The extension lectures/expert lectures are also arranged for the students and the students are also encouraged to participate in the workshops/seminars/conferences.
- iv) The department has also organized following workshops/events during 2013-14:
 - a. National workshop of "Indian Food Processing Industries : opportunities, future prospects and legal challenges" held on 29.10.2013.
 - b. World Food Day-2013 was celebrated by organizing various events like science contest, declamation contest and poster making contest among the students of all the departments of Faculty of Life Sciences. World Food Day celebration is organized in the department every year as an annual event of the department.

3. Research consultancy and extension

- i) The faculty members are actively involved in the research activities. Two major research projects funded by UGC are ongoing in the department (See Annexure-I)
- ii) The faculty members have also published research papers and reputed international journals with good impact factors (See Annexure-II)
- iii) The faculty members have also attended national/international conferences/seminars/workshops and presented their research work (See Annexure-III)
- iv) One of the faculty members is currently pursuing for her Ph.D research at NDRI, Karnal.
- v) Currently five students are registered for Ph.D programme under the able guidance of faculty members of the department. Fourteen students have completed their M.Sc dissertations during academic session 2013-14.
- vi) It is also worth to mention here that the department has augmented quality research facilities and established good research labs to motivate and facilitate the students for quality research.

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4. **Infrastructure and Learning Resources**

- i) The department has well furnished and well equipped research laboratories, students laboratories, class rooms/seminars rooms with modern teaching aids like LCD projectors and smart class boards etc.
- ii) The department has also a computer lab with an installed capacity of 10 computers to facilitate the students for computational works and accessibility of internet.
- iii) Some of the advanced sophisticated equipments installed in the research lab include rapid vice analyzer, rheometer, food texture analyzer, lyophizer, uv visible pager beam spectrophotometers and cooling centrifuges etc.
- iv) It is also pertinent to mention here that the department was sanctioned grant-in-aid of about Rs.72 lakhs for the development of infrastructure facilities in the department and the grant has been completely utilized also.

5. **Students' support and progression**

- i) The department has a total number of 41 students in PG classes and 05 Ph.D scholars with girl students significantly outnumbering the boys students.
- ii) The M.Sc students actively participate in get together functions and they organized World Food Day celebrations very efficiently as annual event in the department. The students actively participate in the cultural activities quiz contest, poster making contest and declamation contest on the occasion of world food day.
- iii) Recently two research scholars have qualified the NET examination.
- iv) To support the students regarding the industrial training and placement, one faculty member in the department has been entrusted with the duties as co-coordinator for training and placement activities.
- v) A workshop was also organized during the session 2013-14 by inviting industry personnels to deliberate upon the current potential, future prospects and career opportunities in food processing sector.
- vi) Students feedback about academic activities and administrative activities in the department is also taken periodically.


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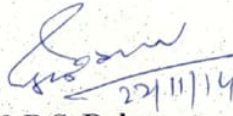
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Recommendations/suggestions of the Committee

1. Period of summer training for M.Sc students can be extended for the more exposure of students to practical things in the food processing industry.
2. More regular faculty should be appointed.
3. Technical staff should be appointed in the department to facilitate the handling and operation of costly and sophisticated instruments.
4. There should be some space on ground floor for establishing experimental canning and bottling plant as the department has already purchased machines and equipments related to canning and bottling pilot plant.


Prof. P.K. Jaiwal
Dean, Faculty of Life Sciences


Prof. R.S. Dabur
External Member


Prof. P.K. Nema
External Member

Proceedings of Academic Audit of Department of Physics, M D University, Rohtak for the session 2013-14 held on 29/11/2014 (Saturday) at 12:00 O'clock

The academic audit of the Department of Physics was held on Nov. 29, 2014. The following members were present:

- | | | |
|----|---|-----------------------|
| 1. | Prof. K.K. Verma | Dean |
| 2. | Prof. B.P. Malik
DCRUST, Murthal | Outside Expert |
| 3. | Dr. P.K. Chaudhary
Scientist G, Solid State Physics Lab (SSPL)
Lucknow Road, Timarpur, Delhi | Outside Expert |

The Committee members interacted with the Faculty members, research scholars and the students and sought their feedback about teaching, research, other facilities and activities in the Department. The committee has gone through the Annual Departmental Report for the academic year 2013-14 placed by the Head of the Department. They also visited M.Sc. Teaching Laboratories and Research Labs.

The following are the observations/recommendations of the committee:

1. Curriculum aspects:

- The Department has one PG M.Sc. course and research program in Physics (Ph.D. Physics). The M.Sc. course is of two years (four sem.) duration. The syllabi are regularly updated and revised by involving outside subject experts. The syllabi are designed not only to impart knowledge but also to ensure success in the National level competitive examinations.

The committee Members also interacted with the students. The feedback obtained from the students by the committee revealed that overall rating of the feedback taken from students of M.Sc. is 3.279.

- The students have free accessibility to meet the HOD as well as all the faculty members as and when required.
- The Departmental Library has 860 books and being used by the students regularly which help them to enrich in their knowledge in the professional life.
- Parents were also invited and their feedback was obtained from them. The parents strongly agreed on almost all the parameters. The Department also makes good efforts for

B.P. Malik

P.K. Chaudhary

K.K. Verma

the placement of the students. The Department as well as University has started making more efforts in this direction.

2. Teaching-Learning and evaluation:

- The course running in the Department is in great demand as the Department received ~1600 applications against 60 seats of M.Sc. Physics. The Department has well-equipped laboratories, classrooms and seminar rooms with modern teaching aids. The teacher-student ratio is 1:10 which is excellent for dissemination of knowledge. The students learning status is assessed regularly through assignments, seminars, sessionals and semester tests. The teachers are also encouraged to participate in workshops/seminars/conferences.
- Apart from regular examination, the Department strictly follows University norms for continuous evaluation of students in the form of class tests, assignments and regular presentations. Tutorials were also conducted for the overall academic improvement of the students.
- Department has a strength of 12 faculty members (4 Professors, 3 Associate Professors and 5 Assistant Professors). Out of 12 regular teachers, 9 are holding Ph.D. degree as highest qualification and other are pursuing their Ph.D. (Annexure 1)
- The Central Library has more than 9765 Physics books and subscribed to 09 National & 02 International Journals in addition to online Journal subscription of Science Direct by the Central Library (Annexure 5). The Department has a well furnished Computer Lab with 35 Computers and Internet Connection. Every teacher in the Department has been provided with Computer with Internet Connection.

3. Research, Consultancy and Extensions:

- One Ph.D. student has successfully completed his doctoral work and eight are pursuing their Ph.D. during 2013-14.
- The faculty members are actively involved in various research projects funded by the National agencies like DST and UGC and have published 27 research papers in reputed journals with good impact factors during 2013-14. (Annexure-2)
- **Project (s) awarded to the Teacher(s) or currently being pursued, with details of the project(s) and its sponsoring agency**

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- One Major Project has been sanctioned by UGC New Delhi to Professor Ashwani Sharma (Rs.10.5 lacs) and Four UGC Minor Projects have been awarded to Sh. Sanjay Kumar Dahiya, Sh. Sajjan Dr. Grima Dhingra, Dr. Anil Ohlan. (Annexure- 3)
- Dr. S. K. Chaudhary and Dr. Harjeet Kaur participated in National Symposium at GVM Girls College, Sonapat. Sh. Sanjay Kumar Dahiya participated in National Symposium in Physics Department Punjabi Universtiy Patiala, at GVM Girls College, Sonapat and at GJU, Hisar. Sh. Sajjan attended National Symposium at GVM College, Sonapat and at SD College, Panipat. Ms. Rajni Bala attended Symposium at Manipal University, Manipal, Karnataka, at Instruments Research and Development Establishment, Dehradun, Uttrakhand and at GJU, Hisar during the session 2013-14. (Annexure- 4)
- Department has received SAP grant of 70.50 lacs from UGC with ref to letter no F530/5/DRS/2012 (SAP-1) Dated 12 May 2012 and FIST grant of 93 lacs from DST wide letter no phy-254 dated 8/5/2012 .
- Some faculty members of the Department are also engaged in collaborative research work in India. (CEERI Pilani ,GJU, DU etc)
- Prof. Ashwani Sharma and Dr. Sanjay Dahiya are the life member of the following societies:
 1. Indian Science Congress Association, Kolkata
 2. Indian Thermo Dynamics Society, GNDU, Amritsar
 3. Material Research Society of India (MRSI) Bangalore
- The Department has also MoU with CEERI, Pilani Rajasthan.

4. Infrastructure and Learning Resources:

The Department has well-equipped laboratories, classrooms and seminar rooms with modern teaching aids. The students are encouraged to use e-learning with the help of Internet facility. The research facilities in the Department (six Research Labs) comprise of following major instruments:

- UV-VIS-IR Spectrometers (Hitachi Japan, Perkin, USA)
- Ruby Laser system(Impulse-Physik, Germany)
- Zeiss Grating Double Mono- chromator (GDM 1000)
- Planetary Ball Mill
- Table Top X-ray Diffractometer (Rigaku, Japan)
- DSC/TG Analyzer (TA Instruments, Austria)

B. D.

P. K.

K. M.

- Nitrogen Laser pumped Dye Laser (Moletron, USA)
- ESR spectrometer (JEOL, Japan)
- Keithley 617 Programmable electrometer
- Coating Units(Hindhivac, VICO)
- Impedance Spectrometer (Thermo Scientifics, USA)
- FTIR Spectrophotometer (Thermo Scientifics, USA)
- Nine students are pursuing their Ph.D. degree out of which were registered during 2013-14 .One student has been awarded his Ph.D. degree.

5. Student Support and Progression:

- Student strength:

M.Sc. 1st Semester: Total = 66 Girls = 59 Boys = 7

M.Sc. 3rd Semester: Total = 60 Girls = 48 Boys = 12 (**Annexure-1**)

Drop out ratio is very less (2%).

- Placement and counseling services:

The University has a Career Counseling and Placement Cell, Prof. Kuldeep Chikkara is the Director of that cell. Dr. Sanjay Dahiya is Coordinator from the Physics Department.

- Alumni association if any:

Physics Department has its own Alumni Association. Dr. Sanjay Dahiya is Incharge of it.

- All the M.Sc. students are members of Departmental Physical Society which organizes cultural activities, education tour to encourage their talent and develop multi skills. Regular Parent Teachers meeting are also arranged to take their opinion and feedback.

- Two academic tours were organized by the Department:

1. Excursion Tour to Jaipur-Agra on 28.10.2013 to 31.10.2013.
2. Academic Tour to CEERI, Pilani on 19.02.2014.

6. Innovations and best Practices:

- Teachers are always accessible in the Department for any help to the students.
- Many teachers of the Department participated and presented their research papers in National Conferences/ Symposium during 2013-14.


B.B.


P.K.

K. D. Chikkara

Recommendation:-

- Faculty members be motivated for getting more projects from various funding agencies.
- Four positions of Assistant Professors are lying vacant. These vacant faculty positions should be immediately filled up.
- There are more than six positions of Non-teaching staff which are lying vacant in the Dept. which should be immediately filled up for smooth running of the Department.
- There is no power backup in the Department for continuous and uninterrupted power supply.
- There are no Technical Assistants for running sophisticated instruments like XRD, FTIR, UV-VIS, Laser, ESR instruments.


(Prof. K.K. Verma) 29/11/14
Dean Faculty of Physical Sciences


29/11/14
(Prof. B.P. Malik)
outside expert


29/11/14
(Dr. P.K. Chaudhary)
outside expert

Report of the Academic Audit Committee meeting was held on 26-11-2014 at 11.00 a.m. in the office of the Head, Deptt. of Sociology, M.D.University, Rohtak which is given below:-

1. Currirulum Aspect

The department has 8 compulsory and one optional paper in MA(1st & 2nd semester). In MA(3rd & 4th semester) there are 5 compulsotuy and 10 optional papers. Every student is required to complete five papers (including compulsory and optional). In M.Phil 1st semester two papers are compulsory and one paper is optional, in the 2nd semester four optional papers are offered out of which students are required to take two only. In the Pre-Ph.D. the students are required to do all the courses listed in the 1st semester in M.Phil in addition to one compulsory course in Computer Applications.

The current Course Curriculum is in process of revision w.e.f. 2015-16, keeping in view the UGC model/NET syllabus.

2. Teaching – Learning and Evaluation

a) Teaching

The department has four academic programme for teaching and Research – MA, M.Phil & Ph.D with intake of 40 and 15 students respectively. Normally the ratio between applications received and candidates admitted is 3 : 1 in each of the course. The courses are planned semester wise for teaching and evaluation. In addition to formal class lectures the teaching aids such as field work activities are used. Tutorial classes, personal guidance and counselling are essential components of the teaching programmes. However, after interacting with the students it is felt that there is a need for strengthening these components for effective teaching and learning process. Needless to mention that communication skills continues to be an essential components of teaching. Therefore, the students' capacity building in this respect through orientation programme may be initiated. M.Phil students are required to present atleast two seminar assignments which are evaluated for internal assessment.

So far as the faculty strength and teacher taught ratio is concerned it is satisfactory at present. All teachers in the department have Ph.D., highest qualifications which required for Ph.D. guidance and conducting research and developing specialized programmes.

3. Research Consultancy and Extension

a) Innovations in teaching method

The Sociology Department has incorporated innovative method of imparting teaching in its course curriculum in MA 1st semester. There is a course entitled **Research Methods and Techniques** wherein teacher concerned assign topics to the students on which students are supposed to prepare field based report. Thus, field work method is an essential component of imparting teaching to the students of MA Sociology.

Every year students are taken out in a cross-cultural setting so that they get exposure and first hand information about the village/urban life and about the various sections of the society and their modes of living in diverse cultural conditions. This enables them to have a field view knowledge on the issues and topics of sociological relevance. The entire exercise requires a meticulous and rigorous training in field work methods, research techniques and computer application on regular basis.

b) **Teacher's contribution and their participation in workshops/seminars and conferences**

All teachers in the department are actively engaged in pursuing research and participating in the above activities on regular basis.

c) **How is the performance of students monitored**

The performance of students is monitored through class test, presentations and students feedback proforma. It is suggested that feedback evaluation by students may be done two times during the semester preferably at mid term and the final for each of the course. These methods of evaluation be communicated to the students.

4. Infrastructure and Learning Resources

a) **Central Library**

Central Library is well equipped with Journals, Text books, reference books, e-books for use by students and faculty in order to develop reading habit and undertake research activities. The photocopy services are also available.

b) Computer Lab

All the teachers of the department have desk top computers and eight Laptops have been provided to all the professors. In addition to this there are 15 desktop computers in the Computer Lab for the use of students and research scholars. The computer facility also exists in the office and also in the Library. Internet facility is available for faculty and students in the department. However, it is felt that printing facility in the computer lab and photocopy facility in the department need to be regulated for extending services to students on some criteria to be evolved by the department.

c) Seminar Hall

There is no seminar hall for use of the department. The provision for seminar hall is important for holding regular discussions and holding academic interactive sessions. It is, therefore, suggested that suitable space for this activity be provided in the department.

d) Provision of video camera

The department holds the intensive field programme for the students on regular basis as part of course work. Therefore, a digital video camera is very much needed to record the events in the field and make use of these recordings for academic discussions in the class room. Adequate financial provision for the purchase of this equipment needs to be made out of the funds under SAP/Field Work Grant/University Budget etc.

e) Any resserach or extension activity to ensure social justice for the under priviledged

At present there is absence of such activity in the department. However, it is suggested that dissemination of findings of different projects and field reports undertaken by the faculty/research scholars in the department be arranged at different levels in future.


5. Students Support and Progression


The students of the department should be trained and be motivated to appear in competitive examinations. Placement and counselling services be provided in departmental level.

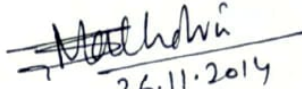
Alumni Association be started for the interaction of the past and present students. The students and research scholars be provided guidance for taking up research projects in collaboration with academic bodies.

6. Suggestions/observations by the outside experts

- a) Students feed back proforma must incorporate their opinions about the course curriculum.
- b) Self evaluation report of 2012-13 be also added while preparing the report.
- c) Students exposure to outside university by way of making them attend Seminar/Conference/Symposium must also be encouraged. A separate fund must be allocated for this purpose to the department such exposure visits.


(Prof. Nandu Ram)
Outside expert
26/11/14


(Prof. Raj Singh)
Outside expert
20/11/14


(Prof. Sunita Malhotra)
Dean,
Faculty of Social Sciences
26.11.2014

**MINUTES OF THE MEETING OF ACADEMIC AUDIT COMMITTEE IN BIOINFORMATICS
HELD ONN 12/11/2014 (WEDNESDAY) AT 11:00AM IN THE OFFICE OF DIRECTOR,
CENTRE FOR BIOINFORMATICS, M.D. UNIVERSITY, ROHTAK**

A meeting of academic audit committee consisting of the following members to carry out the academic audit of the department was held on 12/11/2014, in the office of the Director, CBINF.

The following members were present;

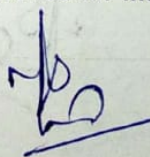
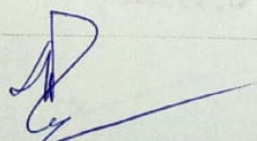
1. Prof. Arif Ali
Dept. of Biosciences, Jamia Milia Islamia
New Delhi – 110025
2. Prof. J.S. Rana
Dept. of Env. Sciences & Engg.
DCRUST, Murthal
3. Prof. P.K. Jaiwal
Dean, Faculty of Life Sciences, M.D. University, Rohtak

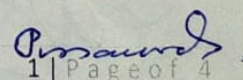
The committee members interacted with the faculty members and the students and sought their feedback about teaching, research, other facilities and activities in the department. The committee has gone through the annual departmental report, departmental profile and the self evaluative reports of the teachers for the academic year 2013-14, placed by the Director, CBINF.

After going through the reports and all the above aspects as well as the various points mentioned in the criteria of Academic Report, the committee made the following observations/recommendations:

Curriculum aspects:

- a) At present the following 3 courses are running in the department:
 - i) M.Sc. (Bioinformatics) 2 years with an intake of 20 students.
 - ii) Pre-Ph.D. (Bioinformatics) with an intake of 05 students.
 - iii) Ph.D. (Bioinformatics) with 04 registered students.
- b) 04 courses have been proposed and approved for the forth coming session:

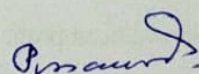
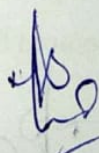



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- i) P.G. Diploma in Bioinformatics (UGC supported) – 1 Year (Full time)
 - ii) P.G. Certificate Course in Bioinformatics – 1 Year (Week end)
 - iii) P.G. Certificate Course in Pharmacoinformatics – 1 Year (Week end)
 - iv) P.G. Certificate Course in Phylogenomics – 1 Year (Week end)
- c) The syllabi of all the above mentioned courses are in the accordance with the DBT guidelines and the courses focus on the employability and development aspects. The syllabus was last revised in the year 2011-12.
- d) The feedback from students was obtained twice in the feedback proforma during 2012 and 2013, and the suggestions were incorporated. Feedback for the session 2013-14 reveals that the students rated the department with overall average score of 2.96, which is very near to 'Very Good' Grade A-NAAC rating scale (3.0-4.0). The committee members also interacted with the students and their feedback revealed that:
- ✓ The students have free accessibility to meet Director, faculty members and other staff members as and when required.
 - ✓ The university library is well enriched with books, journals and e-resources (e-books and e-journals) and is used by the students on a regular basis.

Teaching Learning and Evaluation Aspects:

- a) The courses running in the department is gaining their importance. The courses being of the department are interdisciplinary in nature and the department is also in its infancy, being established in the year 2012, the demand of the courses is still gain its high, as reflected by the average number of applications received and admission made into the courses.
- b) Apart from regular examinations, the department strictly follows University norms for continuous evaluation of students in the form of class test, assignments and regular presentations.
- c) Department has a strength of 08 faculty members, which includes 04 regular teachers and 04 guest teachers. 01 regular teacher is on extra ordinary leave.
- d) Out of 04 regular teachers, 03 are holding Ph.D. degree as highest qualification other 01 is pursuing Ph.D.
- e) Teacher:students ratio is 1:4.



Research Consultancy & Extension Aspects:

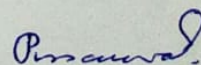

- a) The faculty members of the department are actively engaged in research work activities which are evident from the number of research papers published and number of PhD. Work going in the department.
- b) 2 major research projects, sanctioned by UGC and HSDST, are being run by the faculty members of the department.
- c) All the faculty members of the department have participated in seminar/conferences/workshops (national/international) and also have delivered talks/lectures/chaired sessions at international/national seminars/conferences.
- d) Two national workshops have been organized by the department during 2013-14.
- e) The department also coordinates the functioning of Bioinformatics Infrastructure Facility, funded by DBT, New Delhi.
- f) Faculty members of the department are also engaged in collaborative research work with reputed institutes like International Centre for Genetic Engg. & Biotechnology, New Delhi.
- g) The department works in interdisciplinary nature with close linkage with pharmacy department of the University, for research work.

Infrastructure and Learning Resources:

- a) The department is well equipped in the terms of classrooms, labs, seminar room and other support systems.
- b) Students are encouraged to use e-learning with the help of internet facilities of the department.
- c) 04 students are pursuing PhD from the department of which 02 are CSIR-NET/JRF and DST-Inspire JRF.


Students Support and Progression Aspects:

- a) The student drop out ratio is less *i.e.*, 16.63%, but the figure is seemingly high, looking into the total strength of the department.
- b) Students are encouraged to take part in the extra-curricular activities such as educational tours, cultural activities, etc.
- c) The department has established Career Counselling & Placement Cell under the charge of the faculty members of the department.




Recommendations

1. Recruitment against the vacant position to be expedited.
2. Library resources pertaining to Bioinformatics ^{in the dept.} to be strengthened.
3. There should be a separate head for acquisition of relevant software.
4. Laboratories need further strengthening.


(Prof. Arif Ali) 12/11/14


(Prof. J.S. Rana) 12/11/14


(Prof. P.K. Jaiwal) 12-11-2014

MINUTES OF THE MEETING OF ACADEMIC AUDIT COMMITTEE IN PHYSICAL EDUCATION HELD ON 11.11.2014 AT 11.00 A.M. IN THE O/O HOD PHYSICAL EDUCATION, M.D.UNIVERSITY, ROHTAK

A meeting of the Academic Audit Committee consisting of the following members to carry out the Academic Audit of the Department was held on 11.11.2014 in the O/o Head, Department of Physical Education.

Following members were present:

1. Professor Usha Lohan, Chairperson, Department of Physical Education, Kurukshetra University, kurukshetra.
2. Dr. (Mrs.) Sandhya Tiwari, Associate Professor, Department of Physical Education, IGIPESS, New Delhi.
3. Prof. Hemant Lata Sharma, Dean, Faculty of Education, MDU Rohtak.

The committee members interacted with the faculty members and the students and sought their feedback about teaching, research, other facilities and activities in the Department. The committee has gone through Departmental profile and self evaluative reports of the teachers for the academic year 2013-14 placed by the HOD Physical Education.

After going through the reports and all the above aspects as well as various points mentioned in the criteria of Academic Report, the Committee made the following observations/recommendations:-

1. Curriculum Aspects:-

A) At present the Department is running following four courses:

1. M.P.Ed. (2-year) with an intake of 45 students
2. B.P.Ed. (1-year) with an intake of 50 students
3. P.G.Diploma in Yoga Science (1-year) with an intake of 20 students
4. M.Phil (1 year) with an intake of 15 students

The syllabi of all the above mentioned courses are in accordance with the UGC as well as NCTE curriculum. As a result, more than 15 students qualified the NET tests. There is a great opportunity for employability in these courses.

Special emphasis is laid on enhancing the basic skills of different games, specific skills of specialised games and coaching lesson alongwith computer skills to the students.

Ushalek
11-11-14

Dr. L. Sharma

H. L. Sharma

The feedback from the students is regularly being obtained in the months of October & March during each academic year and the suggestions received from students are incorporated.

- The students have free accessibility with the HOD as well as faculty members through tutors.
- The students often visit Central library which has very good quality and quantity of books.

2. TEACHING LEARNING AND EVALUATION ASPECTS:-

- a) The courses being run in the Department are in great demand. The Department received 210 applications against 30 seats in M.P.Ed., 145 applications for B.P.Ed. against 50 seats, 70 applications for PG Diploma in Yoga Sc. against 20 seats and 69 applications for M.Phil against 15 seats. Wide publicity is given by the University in leading National/regional news papers and University website for admissions to these courses.
- b) Apart from semester examinations, the department strictly follows University norms for continuous evaluation of students through class tests, assignment/presentation. Due consideration is given to attendance of the students.
- c) Extra classes are also conducted for improvement of academic performance and for those students appearing in NET/JRF examinations.
- d) Department has a strength of 14 faculty members which include four regular teachers, five Guest Faculty and six Associate faculty.
- e) Out of 14 faculty members 12 have completed their Ph.D. degree and remaining two are NET qualified.
- f) Teacher student ratio is about 1:13

3. RESEARCH CONSULTANCY AND EXTENSION ASPECTS:

- a) The regular Faculty Members of the Department are actively engaged in research activities which is evident from number of Ph.D.'s () awarded during academic sessions.
- b) Most of the Faculty members have participated in International/National Seminar/Conferences/Workshops and have delivered invitation lectures.
- c) The Department of Physical Education has started a new course i.e PG Diploma in Yoga Science from this current session.
- d) Some faculty members have also participated in International Conference held abroad and officiated at International Sports meet.

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11-11-14

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11/11/14

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4. INFRASTRUCTURE AND LEARNING RESOURCES:

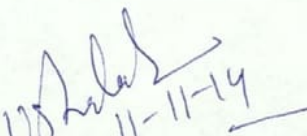
- a) The Dept. is well equipped in terms Physiological lab, Class rooms, Store and Sports Infrastructure with outdoor and indoor facilities.
- b) Students have access to e-learning with internet facilities in the Department
- c) 17 students are pursuing their Ph.D. degree under different faculty of the Dept.


5. STUDENTS SUPPORT AND PROGRESSION ASPECTS:-

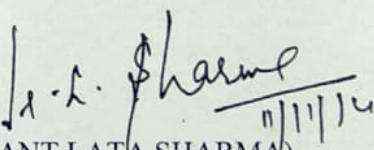
- a) Drop out ratio is very less.
- b) Students are engaged in extracurricular activities i.e Educational Tour, Intra-mural tournaments, quiz competitions etc. Cultural programme was also organised by the students of the Department at the time of beginning and at end of sessions.
- c) The faculty members as well as students of the Department are ready to donate blood as and when call is made by the Health University.

6. INNOVATIVE PRACTICES

- a) The students are taught through audio visual aids means i.e. use of OHP, LCD etc. in addition to traditional methods of teaching.
- b) For teaching of skills in sports and yoga, different teaching methods i.e. demonstration, whole part whole, part method etc. are utilised through various class formations.
- c) The students are engaged in analysis of games/skills during Inter University/Inter College tournaments.
- d) The students are associated with various technical officials for learning, officiating skills, during University championships


(USHA LOHAN)


(SANDHYA TIWARI)


(HEMANT LATA SHARMA)

**DEPARTMENT OF BOTANY
MAHARSHI DAYANAND UNIVERSITY**

**MINUTES OF THE MEETING OF ACADEMIC AUDIT COMMITTEE HELD
ON 17/11/2014 AT 11:00 AM**

A meeting of academic audit committee consisting of the following members was held on 17.11.2014 to carry out the academic audit of the department.

Following members were present:

1. Prof. Pushpa Dahiya – Chairperson
2. Prof. P.K.Jaiwal – Dean, Faculty Life Sciences
3. Prof. Narender Kumar- Outside expert, Head, Dept. of Botany, K.U.Kurukshetra
4. Prof. Veena Agarwal – Outside expert, Department of Botany, Delhi University

The committee members interacted with the faculty members, M.Sc students and research scholars and sought their feedback about teaching, research, other facilities and activities of the department. The committee also went through the annual departmental report, departmental profile and the self evaluative report of the teachers for the academic year 2013-14. After going through the reports and all the above aspects as well as the various points mentioned in the criteria of Academic Report, the committee made the following observations/recommendations:

Curriculum aspects:

- a) At present the following 2 courses are running in the department:
 - i) M.Sc. (Botany) 2 years with an intake of 40 students.
 - ii) Ph.D (Botany) with 16 registered students.
- b) The M.Sc curriculum has been designed keeping in view various competitive exams such as NET, Ph.D entrance examinations etc. Dissertation has been made compulsory to impart specific scientific skills. The syllabus was last revised in 2010-11 to make it a choice based credit system and to assimilate the components of combined CSIR/JRF examination.
- c) The feedback is obtained from the students and the parents and the suggestions were taken into consideration.
- d) The students have free accessibility to meet the Head of the department and other staff members as and when required.
- e) The university library is well enriched with books, journals and e-resources (e-books and e-journals) and is used by the students on a regular basis.

Teaching Learning and Evaluation Aspects:

- a) The courses running in the department are well designed and gaining importance as reflected by the average number of applications received and admission made into the courses.
- b) Student's performance is monitored throughout the Semester by both internal and external evaluations. Internal evaluation comprises of Credit Seminars, Assignments, attendance of the student and written examination. This is followed by semester end external theory and practical examinations. Both internal and external assessment is done individually for each paper. Apart from regular examinations, the department strictly follows University norms for continuous evaluation of students in the form of class test and regular presentations.
- c) Department has a strength of 06 permanent faculty members with Ph.D as their highest qualification.
- d) Teacher:students ratio is 1:7

Research Consultancy & Extension Aspects:

- a) The faculty members of the department are actively engaged in research activities which are evident from the number of research papers published and number of Ph.D students enrolled in the department.
- b) Faculty members have research projects sanctioned by UGC (2), DST (1), and HSDST (1).
- c) Department also has one women scientist (DBT-BIOCARE)
- d) All the faculty members of the department have participated in seminar/conferences/workshops (national/international) and also have delivered talks/lectures/chaired sessions at national seminars/conferences.
- e) The botanical garden/herbal garden is also under department to meet the requirement of research scholars of faculty of life Sciences/pharmacy for their field experiments.
- f) Faculty members of the department are also engaged in collaborative research work with reputed institutes like IGIB, Delhi and also with other department of their university.

Infrastructure and Learning Resources:

- a) The department is well equipped in the terms of classrooms, labs, seminar room and other support systems.
- b) Students are encouraged to use e-learning with the help of internet facilities of the department.
- c) 14 students are pursuing PhD from the department of which 02 are CSIR-NET/JRF and 02 are getting fellowship from the university.

Students Support and Progression Aspects:

- a) The student drop out ratio is almost nil.

- b) Students are encouraged to take part in the extra-curricular activities such as educational tours, cultural activities, etc.
- c) The University has established Career Counselling & Placement Cell for the students.

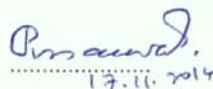
Recommendations

The Academic Audit Committee recommends the following:

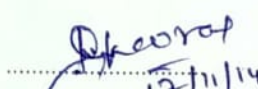
- 1 The lecture theatre needs to be well furnished with sitting furniture of the students
- 2 One lecture theatre should be converted to seminar room.
- 3 The M.Sc. labs/ Central laboratory should be well equipped with more equipments.
Computer lab should have more numbers (20) of computers to meet the requirement of the students and should be air conditioned.
- 4 Botanical garden should be enriched with more numbers of plants (herbs/seasonal/annual). Glass house should be maintained properly.
- 5 Central instrumental facilities (CIF) should be strengthened with more equipments such as cooling centrifuge, PCR, HPLC, laminar flow, fluorescent microscopes, gel electrophoresis unit (both vertical and horizontal) and electronic balances.
- 6 Grants for chemicals should be enhanced to nearly 20 lakhs.
- 7 Department should apply for the UGC-SAP programme to raise more funds for research and development.


17/11/14

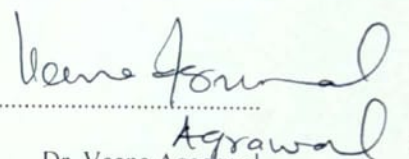
Dr. P. Dahiya
HOD, Botany
MDU, Rohtak


17.11.2014

Dr. P.K. Jaiwal
Dean, Faculty of
Life Sciences


17/11/14

Dr. Narender Kumar
HOD, Botany
K.U.Kurukshetra


Agriculture

Dr. Veena Aggarwal
Professor of Botany
University of Delhi

MINUTES OF THE MEETING OF ACADEMIC AUDIT COMMITTEE IN VISUAL ARTS HELD ON
14.11.2014(Thursday) AT 10.00 A.M. IN THE OFFICE OF HEAD DEPARTMENT OF VISUAL ARTS
M.D.UNIVERSITY ROHTAK

A meeting of Academic Audit Committee consisting of the following members to carry out the Academic audit of the Department was held on 14.11.2014 in the office of the Head Department visual Arts.

The following members were present:

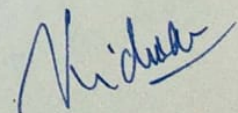
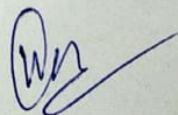
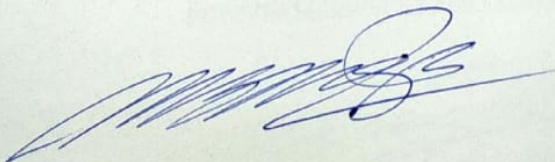
1. *Proff. Mohd. Ghufuran Kidwai, Dept. of Fine Arts* *Outside Expert Member*
Jamia Miliya Islamiya University, Delhi.
2. *Dr. M.S Chahar(Retd. Principal)* *-do-*
CR College of Education, Rohtak.
3. *Dr. Hukam Chand Dean performing visual arts.* *Member*
M.D.University Rohtak.

The committee members interacted with the faculty members and the students and sought their feedback about teaching, research, other facilities and activities in the Department. The committee has gone through the Annual Departmental Report. Departmental profile and self Oevaluative reports if the teachers for the academic year 2013-14 placed by the Head of the department.

After going through the reports and all the above aspects as well as various points mentioned in the criteria of Academic Report, the Committee made the following observation/recommendations:-

Curriculum Aspects:-

- a) At present the following two courses are running in the Department.
 - 1 M.A Fine Arts (2-year) with an intake of 20 students.
 - 2 MVA 6 year integrated with an intake of -60 students.
 - 3 Ph.d with an intake of 9 students.

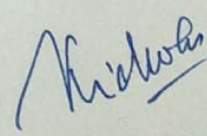
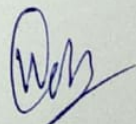
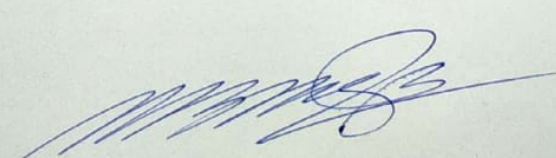


- b) The syllabi of all the above mentioned courses are in accordance with UGC curriculum. As a result, more than 4 students qualified the NET/JRF (UGC/CSIR) and GATE Tests. All the courses focus on employability and development aspects and were last revised in the field of arts.
- c) Special emphasis is laid on enhancing the skills of the students
- d) Parents were also invited and their feedback was obtained. The parents strongly agreed on almost all the parameters. However, few parents disagreed on the factor that "Department makes good efforts for the placement of students". The Department as well as the University has started making more efforts in the direction.

Teaching Learning and Evaluation Aspects:-

- a) The courses running in the Department are in great demand as the Department received total 127 applications against 50 seats of M.A 20 MVA 30 Also 47 applications were received against 30 seats of 6 year integrated MVA course while 4 applications received against
- b) Apart from regular examinations, the Department strictly follows University norms for continuous evaluation of students in the form of class tests, assignments and regular presentations.
- c) Tutorials/Remedial classes are also conducted for the overall academic improvement of the students.
- d) Out of 6 regular teachers, 3 are holding Ph.D degree as highest qualification and others are pursuing their Ph.D.
- e) Department had a strength of 9 faculty members, which includes 6 regular teachers 3 guest teachers.
- f) Teacher student's ratio is about 1:21.

Research Consultancy and Extension Aspects:-



- a) The faculty members of the Department are actively engaged in research activities which are evident from numbers of research papers published and number of PhD's awarded.
- b) Most of the faculty members have participated in seminars/ conferences/ workshops and also delivered invited lectures time to time.
- c) Some faculty members of the Department are also engaged in collaborative research work in India and Abroad.

Infrastructure and Learning Resources:-

- a) The Department is well equipped in terms of Computer Labs, Library, Class Rooms and other supports systems.
- b) Students are encouraged to use e-learning with the help of internet facilities in the Department.
- c) 2 students were perusing their PhD degree during 2011-12 and out of these, 11 have been awarded their PhD degrees.

Students Supports and Progression Aspects:-

1. Drop out ratio is very less i.e. 3 percent.
2. Students are encouraged to take part in extracurricular activities such as education tours, sports and cultural activities.
3. The Department has established Career Counselling & Placement Cell and Alumni Co-ordination Cell under the charge of the faculty members.


Prof. Mohd. Ghufan Kidwai


Dr. Hukam Chand(Dean)


Dr. M.S Chahar(Retd. Principal) 14/11/2014

Maharshi Dayanand University
Department of Zoology
(DST-FIST SPONSERED DEPARTMENT)
ACADEMIC AUDIT REPORT (2013-14)

The AAC committee meeting was held on 14-11-2014 at 11.00am in the Department of Zoology and resolved unanimously as under:

Particulars	Information
General profile	
Name of the Department	Department of Zoology
Year of establishment	15.6.2009
Current academic activities	PG course (Semester System) in MSc- Zoology PhD in the subject
Permanent faculty	06 working (04 appointed in 2008 & 2009 and 01 in 2012) Prof. 01; Associate Prof & Head- 01; Assistant Prof.- 04 (one faculty member on EOL)
Self financing scheme	Nil
Permanent support staff	Non teaching- 05 (Steno- typist -01; HLA-01;Lab Attendent-01; Peon-01)
Students per session	MSc- Zoology -40 PhD - variable as per seats available with eligible supervisor/s
Major features	1. Good infrastructure and spacious class room and research labs 2. Imparting courses in recent as well as traditional fields 3. Generating research resources through research projects from outside funding agencies
Date of visit of the committee	November ,14, 2014
Curricular Aspects	
Curricular design	1. Revised usually after every three years 2. Choice based credit system introduced w.e.f. 2011 semester wise 3. Separate BOS for UG & PG

	4. Common syllabi committee of different state universities for revising and maintaining uniformity in UG curriculum in state
1 Academic flexibility	1. Department offers one regular PG course 2. Research work in different fields
Feedback on Curriculum	1. Feedback is a regular process 2. Students interaction results in remedial measures
Curriculum update	1. Revised i.e. 2011-12 2. Due thrust has been given to emerging and inter disciplinary areas 3. Pre-PhD courses has been introduced w.e.f. 2010
Best practices	1. Regular interaction with college teachers for UG curriculum updating and feedback 2. Introduction of job and research oriented courses 3. Students are encouraged to utilise Central Vivekananda Library facility in vicinity of department 4. Constitution of committee for consultancy and career guidance as well as placement co-ordinator 5. Parent teachers association for feedback on IQAC performa, meeting last held in March 2014. 6. Students attendance displayed in first week of every month
Teaching Learning and evaluation	
Admission process and student profile	1. Through academic merit for MSc and entrance test for PhD 2. State reservation policy followed
Catering to diverse needs	1. Knowledge and skill of the students is assessed through entrance examination 2. Remedial measures for slow learners/language consideration 3. Counseling of needy students
Teaching & learning process	1. Class room teaching supplemented by interactive learning through seminars/projects/field trips 2. Educational aids like OHP, LCD and computer with internet facility, books, Lab. manuals etc are used for class room instructions 3. teaching & learning with continuous evaluation through credit based system
Teachers Quality	1. Cent per cent teachers are PhD 2. Faculty exposed to recent developments through conferences,

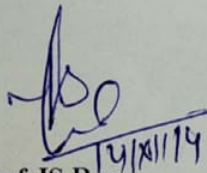
	seminar , training, workshops etc 3. Department conducted 05 national seminars (2010, 2011, 2012,2013 and 2014) 4. Published proceedings of the seminar/s with ISBN numbers 5. Students evaluation of teachers and feedback
Evaluative process	1. Continuous internal assessment for both courses followed by external final evaluation at the end of semester 2. Timely conduction of examination semester wise
Research	
Promotion of research	1. Internet and other facilities are available. 2. Research journals are available and list updated in central library 3. Five faculties have Research Projects from different funding agencies to their credit. However laboratory needs to be strengthened more from university grants due to restricted financial grants from funding agencies 4. Seed money for newly recruited teachers is required
Research and publication output	1. All the teachers are engaged independently or in collaborative research as per the facility available 2. Research publications about 100 in last 05 years and 35 research papers in 2013-2014 to teachers credit in journals of repute with good impact factors 3. 10 PhD students under supervision in 2013-14. 4. 02 PhD awarded in 2013-14
Collaboration	PGIMS, Rohtak; NDRI, Karnal; CIBR, Hisar; HAU, Hisar; KUK CIFE, Mumbai, IGIB N Delhi, NIMR, N Delhi
Laboratory facilities	Research and central laboratory with high end instruments need to be provided with controlled conditions of temperature and aeration. The infrastructure and uninterrupted electricity and water facility is rendered.
Students: Fellowships/ Placements	
Fellowship holders in department	NET =06 RGNF/URS =05 INSPIRE =02

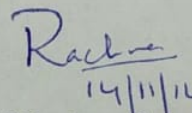
Placements	Poland (Research Institute), States civil services, Research scientists, Doctoral research fellows - AIIMS; NMR; IGIB, NII, Education department lecturers, Teachers/school lecturers, State forensic sciences labs, Police teaching schools, State police services, State food and supplies department, State forestry Deptt.etc.
Co-curricular Activity	Students participated in Quiz competitions, Youth festival, Sports, NSS, NCC at University level. Further the deptt. also celebrated World Animal Day on 4 th October every year by organizing various events like poster making competition, debate and quiz competition. Recently the deptt. celebrated World Alzheimer's Day in Sept. 2014 to create awareness among Society for dementia.

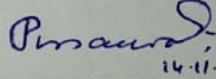
The committee visited the Department of Zoology on 14.11.2014. After going through the documents and visiting different laboratories and interacting with faculty members, research scholars, students, following points were suggested:

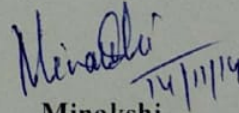
1. Syllabus should be revised in the context of latest development in the field.
2. Provision for additional teaching posts be made.
3. Provision for uninterrupted power supply should be made.
4. Departmental Library should be established
5. Specific provision of funds for procuring high end equipments for research
6. More provision of funds for organization/ attending seminar, workshops and extension activities.

Further it was observed that the department is progressing very well and can do excellently after further strengthening the available research facilities. The existing infrastructure is excellent. The teachers are experienced and very good in teaching and research in their respective fields.


 Prof JS Rana
 Dept. of Biotechnology,
 DCRUST, Murthal,
 Sonapat


 Prof. Rachna Gulati,
 Dept. of Zoology,
 College of Basic
 Sciences, CCSHAU,
 Hisar


 Prof. P.K. Jaiwal,
 Dean, Faculty of Life
 Sciences, MDU,
 Rohtak


 Dr Minakshi
 Sharma, Head,
 Dept. of Zoology,
 MDU, Rohtak

**DEPARTMENT OF GENETICS
MAHARSHI DAYANAND UNIVERSITY, ROHTAK**

**MINUTES OF THE MEETING OF THE COMMITTEE TO CONDUCT ACADEMIC
AUDIT OF THE DEPARTMENT OF GENETICS HELD ON 02.12.2014 at 11.00 am**

The meeting comprising of following members was held on 02.12.2014 at 11.00 am in the Office of Head of Department to conduct Academic Audit of the department –

1. Prof. P. K. Jaiwal : Dean, Faculty of Life Science, M.D.U.
Rohtak
2. Dr. B. R. Yadav : Outside Expert
Principal Scientist and Head
Dairy Cattle Breeding Division
National Dairy Research Institute
Karnal
3. Prof. M. K. Thakar : Outside Expert
Department of Forensic Science
Punjabi University, Patiyala
4. Prof. Minakshi Vashist : Head, Department of Genetics

A presentation about the course offered, availability of research facility and achievements was made by Head of Department. Following observations were made by committee members including the panel of outside experts –

1. The committee noticed the running of two MSc courses, MSc Genetics and MSc Forensic Science with Choice Based Credit System introduced by the department as per UGC requirement. There is availability of core, elective and open options in both courses. These courses are regularly revised as per UGC norms.
2. Class rooms are equipped with multimedia, projector and other teaching aids such as power point presentation, demonstration of online teaching materials through internet. The department is fully connected with internet, updated PCs, printers, scanners and photocopier machine.
3. Each faculty member is actively involved in teaching and research. As a result 10 research projects are running in the department with financial assistance from UGC, CSIR, NMPB and DBT, New Delhi. The total cost of running projects is Rs. 133 lacs.
4. The department also has support from UGC, New Delhi under UGC-SAP and Innovative programmes and DST, New Delhi under DST-FIST programme for infrastructure, teaching and research activities.

Mh

Mushy

Prasad

Jaiwal

5. Research laboratories are equipped with specified instruments such as GC-Mass, HPLC, FTIR, 2D electrophoresis, Microplate Reader, PCR, Gel-Documentation system, Deep Freezers (-80°C and -20°C), UV-VIS spectrophotometer, Lyophilizer Fluorescence microscope etc.
6. There are 15 project fellows, 3 SRF, 1 JRF(NET) and 1 URS in different research laboratories of all teachers.
7. Students passed out from the department are doing satisfactorily in various fields. There were five students qualified UGC-CSIR NET in the year 2013-14. Our research scholars were also able to win One Women Scientist DST and DBT each and one DST INSPIRE faculty.
8. Department has collaboration with other institutions in India such as Internal Centre for Genetic Engineering and Biotechnology, New Delhi; Banasthali University, Rajasthan; Pt. B.D.S. University of Health and Sciences, Rohtak; FSL, Madhuban; SFSL, Junga (H.P.) for training programmes every year.
9. The department has IQAC cell which regularly monitor the teaching and research quality evaluation and student support through feedback from students and parents, student-teacher interaction and motivational lectures.

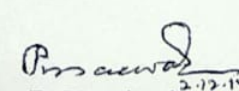
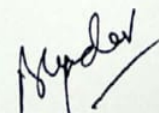
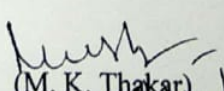
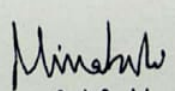
Recommendations –

Committee appreciate and congratulate the teaching faculty of Deptt. of Genetics

- i) for running two M.Sc courses i.e. M.Sc Genetics and M.Sc Forensic Science.
- ii) for running major research projects i.e. UGC Innovative programme, UGC - SAP and DST FIST. Besides every faculty member is having independent research projects.
- iii) for deciphering knowledge to the students with the help of latest educational tools like LCD presentation, power point and internet.
- iv) Deptt. is doing wonder in publishing research work in various international and national journals of repute despite of scarcity of space in the Deptt.

During the visit, it was observed that there was insufficient space for teaching and research activities. Therefore, space for same may accordingly be increased. Adequate space for keeping sophisticated instruments is lacking and need proper conditions for their efficient functioning.

M.Sc Courses should be strengthened by adding new specialization in M.Sc Forensic Science course and with few more specified types of equipments and specialized teaching laboratories.

 (P. K. Jaiwal) 2.12.14 Dean (Faculty of) Life Science M. DU ROHTAK	 (B. R. Yadav) (Extended report) Principal Scientist NDRI KARNAL	 (M. K. Thakar) (Extended report) Prof. Punjabi Univ. PATIALA	 2.12.14 (M. Vashist) (H.O.D) Deptt. of Genetics M.D University ROHTAK
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Institute of Management Studies and Research Maharshi Dayanand University Rohtak

Academic Audit Report

The Academic Audit Committee comprising Prof. Daleep Singh, Pro Vice-Chancellor, SGT University, Gurgaon, Prof. B. K. Punia, Haryana School of Business, GJUST, Hisar and Prof. Neelam Jain, Dean, Faculty of Management Sciences, MDU, Rohtak visited IMSAR, MDU, Rohtak, on dated 22/11/2014 to conduct the Academic Audit of the Institute. After verifying the facts and having interaction with the teaching staff and students, the committee makes the following observations and suggestions based on standardized criterion and evaluative reports as presented by the Institute.

Criterion – I: Curricular Aspects

The Institute is following the UGC/AICTE guidelines in developing the course curricula and also getting feedback from the stakeholders such as the students, parents, industry as well as the society. However, the committee suggested to give more emphasis on inculcating/strengthening exercises/case studies/special sessions which shall lead to sharpening the skills of students.

Criterion – II: Teaching, Learning and Evaluation


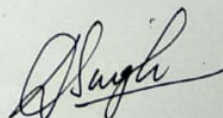
The committee observed that a good number of faculty working in IMSAR is guest faculty due to which the teacher accountability in teaching, learning and evaluation may decline and adversely affect the interest of the students. Therefore, it is suggested that if the guest faculty is replaced by regular faculty, it will definitely enhance accountability in teaching, learning and evaluation. However the regular faculty is doing its utmost with regard to the elements of this criterion.

Criterion – III: Research, Consultancy and Extension

It has been observed that keeping in view a very strong faculty base and proximity to NCR, research, consultancy and extension activities by the faculty on individual basis and IMSAR on collective basis have the potential of enhancement.

Criterion – IV: Infrastructure and Learning Resources

The committee observed that though IMSAR has quite impressive physical infrastructure yet the learning resources in the form of computer lab and other aids need to be strengthened keeping in view



the student intake. Moreover, the IMSAR has a good team of research scholars, if a separate Advanced Research Lab with at least 30 latest computers with relevant licensed software (for data analysis also) be created which will definitely strengthen the Research, Consultancy and Extension base of the Institute.

Criterion – V: Student Support and Progression

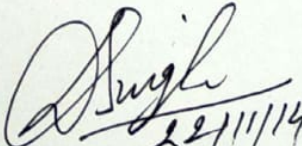
The committee observed that IMSAR has a dedicated team of faculty members who help the students in their training, placement and personality development exercises. However, if possible, a full-fledged Training and Placement Officer be appointed for the job which may help the Institute to reach the heights.

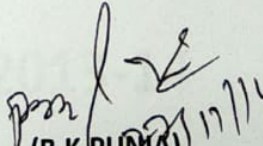
Criterion – VI: Governance, Leadership and Management

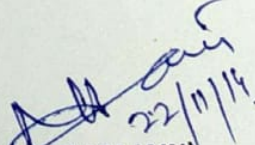
The Institute is continuously making efforts in its quality improvement using number of strategies in the domains of curriculum development, teaching, learning and research development. A strong library has also been established at IMSAR as an extension of the Central Library of the University. The Institute has a sound alma mater and there is regular meeting of the Alumni in the Institute on annual basis. However, it is recommended that the Institute should strengthen its management information system to have updated information all the times for interaction with the industry experts as well as with academia and the alumni.

Criterion – VII: Innovations and Best Practices

The Institute is conscious about the innovative teaching practices and the enthusiasm among the students about learning was also observed. The institute has implemented a system of assessment of teachers by the students to ensure commitment and sincerity among the teaching community. However, the committee suggest that the feedback so obtained be discussed in the meetings and corrective measures be initiated along with the desired outcomes.


(DALEEP SINGH)
22/11/14


(B.K. PUNIA)
22/11/14


(NEELAM JAIN)
22/11/14

होटल एवं पर्यटन प्रबंधन संस्थान
INSTITUTE OF HOTEL & TOURISM MANAGEMENT
महर्षि दयानंद विश्वविद्यालय - रोहतक
MD UNIVERSITY – ROHTAK

Criteria - Wise Report of Academic Audit Committee 2013-14

The Academic Audit meeting held at Institute of Hotel & Tourism Management on 2nd December 2014 at 3:00 PM. The following were present

- Prof. Daleep Singh: Pro Vice Chancellor, SGT University Gurgaon
- Prof S.S Boora : Professor, Department of Tourism & Hotel Management, Kurukshetra University, Kurukshetra
- Prof. Neelam Jain : Dean, Faculty of Management Sciences
- Dr. Ashish Dahiya : Director, Institute of Hotel & Tourism Management

Sr. No	Criteria	Observations
1.	Curricular Aspects	<ul style="list-style-type: none"> • Course Curriculum and nomenclature of programmes offered to be structured in respect to latest guidelines of AICTE/UGC • Implementation of Choice Based Credit System and Elective Option may be incorporated (Law, Geography, Foreign Languages, Sociology, Microbiology & Others) • Strengthen Faculty Exchange Programme with Institutes of repute & industry.
2.	Teaching-Learning and Evaluation	<ul style="list-style-type: none"> • Ensure regular class test, presentations, case studies from the students and assignments to strengthen personality development • Develop communication and presentation skills by seminars and paper reading amongst students • Have thrust on language courses. Particularly, French & English. • More Emphasis on Hands on Training. • Teaching load is higher and propose for filling up teaching posts particularly for Assistant Professors
3.	Research, Consultancy and Extension	<ul style="list-style-type: none"> • Promote interdisciplinary research • Focus Research Studies • Explore for opportunities of Industry – Academic Collaborative Research
4.	Infrastructure and Learning Resources	Establish : <ul style="list-style-type: none"> • Bakery & Chocolate Lab, Advance Training Kitchen, Quantity Training Kitchen, • Laundry Labs • Travel desk, Tour & Ticketing facilitation lab Provision of additional non teaching staff recruitment

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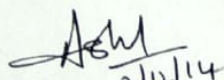
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5.	Student Support and Progression	<ul style="list-style-type: none"> Promote Technology enabled teaching Facilitate students with advanced lesson plan circulation to supplement learning
6.	Innovative Practices	<ul style="list-style-type: none"> Add skill development programmes, if possible explore the potential for MoU with national Skill Development Council , Govt of India Organise HR Summits & Campus Placement fairs

Recommendations

- Appointment of Teachers to teach elective subjects of Hotel & Tourism Management Discipline
- Strengthen practical based training and draft proposal for hiring lab Instructors/ lab attendants
- Plan proposal for onsite training facilities for Hotel & Tourism Programmes
- Faculty members needs to be motivated for Research Projects
- Explore for International & National Collaborations and Opportunities for collaborative research.
- Regular feedback system from students and parents to ensure optimum presence of the students.
- Form students council to strengthen the Institutes functioning.
- Remedial actions for slow learners as most of the students are from rural background.
- Motivating students to opt for all functional areas rather than confining only to Front Office.
- Explore possibilities of offering choice based credits, particularly in the disciplines of Law, Geography, Foreign Languages, Sociology, Microbiology and Others.
- Establish Advanced Labs of Hotel & Tourism Management Practical Areas

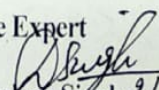

2/12/14
Director (IHTM)

Dr. Ashish Dahiya

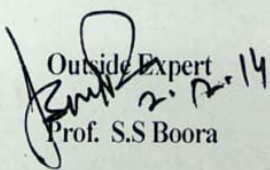

2/12/14
Dean, Management Sciences

Prof. Neelam Jain

Outside Expert


2/12/14
Prof. Daleep Singh

Outside Expert


2.12.14
Prof. S.S Boora

MAHARSHI DAYANAND UNIVERSITY, ROHTAK
DEPT. OF DEFENCE & STRATEGIC STUDIES

ACADEMIC AUDIT REPORT = 2013-14

1. Curriculum Aspects:-

- (i) The Department offers M.A., M.Phil, & Ph.D. Programmes.
- (ii) The feedback obtained from the students during the course of teaching-learning process was considered while preparing the syllabi, guidelines and curriculum activities including weekly seminars, personal contact programmes and tutorials for the session 2013-14. On the basis of the feedback from the students, the department was classified in the very good category of NAAC Rating Scale. The Department will strive to maintain the level in the next session as well.
- (iii) The syllabi of M.A. and M.Phil have been revised and up dated as per UGC guidelines by incorporating the latest contemporary developments taking place in the discipline.
- (iv) Information communication technology is being used regularly to motivate besides latest relevant material to upgrade student knowledge base.
- (v) The students are encouraged to take active interest in discussion in various national and International events taking place. It helps them to prepare for various competitive examinations both at the state and Central Government level.
- (vi) The Department also encourages students to participate actively in various cultural and social programmes organized by the Dean Students Welfare Office.
- (vii) Girls students had been taking active part in the various departmental activities.

2. Teaching learning and Evaluation:-

- (i) Ratio between applications received and candidates admitted is as follows.

Class	Applications received	Admitted	Ratio
M.A Ist sem	96	20	4.8
M.A. 3 rd Sem.	06	06	01
M.Phil Ist sem	11	11	01

- (ii) Planning of teaching, evaluation schedule:-

The Department has semester system in all the courses i.e M.A/ M.Phil. Constant evaluation system is adopted in which mid-term test, term paper presentation were conducted during the internal assessment. Both internal and external evaluation had been adopted for the theory papers.

- (iii) The department passed white board facilities, computers, overhead projectors and internet facilities for use.
- (iv) Tutorial classes are held regularly and including monitoring personal contacts with the students was maintained

(v) Faculty strength and teacher taught ratio:-

Faculty strength	No. of students	Teacher- taught ratio
3 (one faculty member Dr. S.P.Vats is working as whole time Registrar, M.D.University, Rohtak	37	12.33:1

(vi) Number of teachers Ph.D & M.Phil- All the three teachers are M.A, Ph.D.

(vii) Innovation in teaching methods- Both lecture and interactive methods are adopted in all the papers on important contemporary topics on national and international issues.

Two extension lecturers were organized in the department as under:-

1. "China and India's Security concerns" delivered by Col. S.S. Ahlawat.

2. "Threats to India Security from North Western Frontier with special reference to Kashmir problem" delivered by Col. S.S. Ahlawat.

(viii) Teachers contribution as Regourse Person in workshops/ Seminars/ conferences- the faculty has a vide academic and research interaction at various national seminar, conference and refresher courses.

(ix) How is the performance of students monitored:- The students performance is monitored through constant evaluation system including terms test, term paper presentation weekly seminars and through personal interaction.

3. Research consultancy and extension:-

(i) Nil.

(ii) Details of ongoing research projects- Nil

(iii) collaborative research, if any. Nil

(iv) Broad areas of consultancy provided by the faculty, if any, and resources generated Nil

(v) Details of collaboration in research and extension. Nil

4. Infrastructure and learning resources:-

The department is situated/ located in a specious building in new campus and has sufficient number of class rooms, teacher's rooms and office place. It also has internet connectivity. The faculty members are well qualified and experienced.

5. Student sport and progression (Session 2013-14):-

(i) Student Strength:-

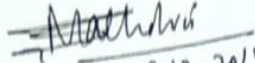
Class	Admitted	Male	Female	SC/BC
M.A Ist Sem	20	8	12	05
M.A. 3 rd Sem.	07	07	Nil	03
M.Phil Ist Sem	07	04	Nil	01
M.Phil 2 nd Sem.	07	04	Nil	01

(ii) Student result progression:-

Sr. No.	Class	Students appeared in exam	Pass	Ist Division	IInd Division	Reappear	Absent/fail
1.	M.A Ist Sem	10	05	05	-	05	-
2.	M.A3rd Sem	06	06	03	03	-	-
3.	M.Phil Ist Sem	07	07	07	-	-	-
4.	M.Phil 2 nd Sem.	07	07	07	-	-	-

- (iv) Drop out rate:-
M.A course = 50%
M.Phil course = 100%

- (vi) **Placement and counseling services:-**
Placement and counseling service are available at Centre for Placement and counseling of the University.
- (vii) **Alumini Associate, if any-**
Alumini of the Department are invited by the University Alumini Association in its annual meet every year.


05.12.2014


**Prof. Sunita Malhotra,
Dean,
Faculty of Social Sciences,
M.D.University, Rohtak**



**Prof. R.K.Dutta,
Outside Expert,
Punjab University,
Chandigarh.**



**Prof. Kamal Kingar,
Outside Expert,
Punjabi University,
Patiala.**


Convenor
HOD DSS

**CENTRE FOR MEDICAL BIOTECHNOLOGY
MAHARSHI DAYANAND UNIVERSITY**

**MINUTES OF THE MEETING OF ACADEMIC AUDIT COMMITTEE HELD ON
25/11/2014 AT 11:00 AM**

A meeting of academic audit committee consisting of the following members was held on 25.11.2014 to carry out the academic audit of the department.

Following members were present:

1. Prof. Pushpa Dahiya – Director (Addl. Charge)
2. Prof. P.K.Jaiwal – Dean, Faculty Life Sciences
3. Prof. J.S.Rana - Outside expert, DCRUST, Murthal
4. Prof. Dhruv Chaudhary– Outside expert, PGIMS, Rohtak

The committee members interacted with the faculty members, M.Sc students and research scholars and sought their feedback about teaching, research, other facilities and activities of the department. The committee also went through the annual departmental report, departmental profile and the self evaluative report of the teachers for the academic year 2013-14. After going through the reports and all the above aspects as well as the various points mentioned in the criteria of Academic Report, the committee made the following observations/recommendations:

Curriculum aspects:

- a) At present the following 2 courses are running in the department:
 - i) M.Sc. (Medical Biotechnology) 2 years with an intake of 25 students.
 - ii) Ph.D (Medical Biotechnology) with 04 registered students.
- b) The M.Sc curriculum has been designed keeping in view various competitive exams such as NET, Ph.D entrance examination etc. Dissertation has been made compulsory to impart specific scientific skills. The syllabus was last revised in 2010-11 to make it a choice based credit system and to assimilate the components of combined CSIR/JRF examination.
- c) The feedback from students was obtained during 2013-14 and the suggestions were taken into consideration.

The committee members also interacted with the students and their feedback revealed that:

- ✓ The students have free accessibility to meet the Director and other staff members of the centre as and when required.
- ✓ The university library is well enriched with books, journals and e-resources (e-books and e-journals) and is used by the students on a regular basis.
- ✓ Departmental library is also well established to cater the needs of text books for the students

Teaching Learning and Evaluation Aspects:

- a) The courses running in the department are well designed and gaining importance as reflected by the average number of applications received and admission made into the courses.
- b) Student's performance is monitored throughout the Semester by both internal and external evaluations. Internal evaluation comprises of Credit Seminars, Assignments, attendance of the student and written examination. This is followed by semester end external theory and practical examinations. Both internal and external assessment is done individually for each paper. Apart from regular examinations, the department strictly follows University norms for continuous evaluation of students in the form of class test and regular presentations.
- c) Department has a strength of 05 permanent faculty members with Ph.D as their highest qualification.
- d) Teacher:students ratio is 1:6

Research Consultancy & Extension Aspects:

- a) The faculty members of the department are actively engaged in research activities which are evident from the number of research papers published and number of Ph.D student enrolled in the department.
- b) Faculty members have research projects sanctioned by DBT (1), DST (1), and UGC(1).
- c) All the faculty members of the department have participated in seminar/conferences/workshops (national/international) and also have delivered talks/lectures/chaired sessions at national seminars/conferences.

- d) Faculty members of the department are also engaged in collaborative research work with reputed institutes like IGIB and NIMR, New Delhi.

Infrastructure and Learning Resources:

- a) The department has only one lecture theatre and two labs only.
b) Students are encouraged to use e-learning with the help of internet facilities available within the centre.
c) 4 students are pursuing PhD from the department of which 02 are CSIR-NET/JRF and 02 are getting fellowship from other funding agencies.

Students Support and Progression Aspects:

- a) The student drop out ratio is almost 10%.
b) Students are encouraged to take part in the extra-curricular activities such as educational tours, cultural activities, etc.
c) The University has established Career Counselling & Placement Cell for the students.

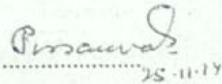
Recommendations

The Academic Audit Committee recommends the following:

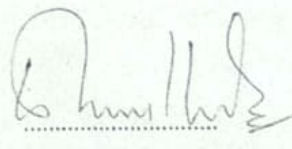
- 1 Dept. should have one more class room and one well furnished seminar room.
- 2 Lecture theatre should be furnished properly.
- 3 The M.Sc labs/ Central lab should be equipped with more equipments.
- 4 Department should have one computer lab with minimum of 25 computers with internet facility
- 5 Budget allocation for equipment/chemicals should be increased for strengthening MSc. Labs


25/11/17

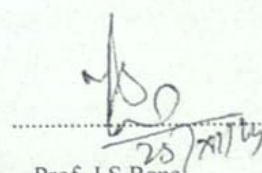
Prof. P. Dahiya
Director


25-11-17

Prof. P.K. Jaiwal
Dean Faculty Life Sciences



Prof. Dhruv Chaudhary
PGIMS, Rohtak


25/11/17

Prof. J.S. Rana
DCRUST, Murthal

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DEPARTMENT OF PHARMACEUTICAL SCIENCES,
MAHARSHI DAYANAND UNIVERSITY, ROHTAK
REPORT OF THE ACADEMIC AUDIT

The Academic Audit Committee comprising of following members conducted an "Academic Audit" of the department, on 13-12-14 AT 3.00 P.M:

1. Prof. S.H. Ansari, Jamia Hamdard, New Delhi,
2. Prof. Nadeem Siddiqui, Jamia Hamdard, New Delhi
3. Prof. Arun Nanda, Dean, Department of Pharmaceutical Sciences, M.D. University, Rohtak.

The report of the "Academic Audit" is as follows:

1. Curriculum aspects:

Strengths:

- The department runs B.Pharm. M.Pharm. in five disciplines (Industrial Pharmacy, Drug Regulatory Affairs, Pharmaceutical Chemistry, Pharmacognosy, Pharmacology) on regular basis and Ph.D. in Pharmaceutical Sciences on regular basis
- The B.Pharm. and M.Pharm. Syllabuses have been revised w.e.f. 2014-15 by considering the AICTE model syllabus as well by comparing the syllabus of neighboring universities.
- The syllabus has been enriched with adequate practical work wherever necessary.
- The feed back of faculty members and persons from industry have been considered in revising the syllabus.
- The syllabus has been enriched while revision to cater the need of academics as well industry in order to improve the employability of the students.
- To enhance the knowledge of information technology to students, a subject of computer science has been included to 4th semester of B.Pharm. Course.

Weaknesses

- There is no proper system is available for getting feedback of students for the revision of syllabus.

Recommendation

- The department may devise the mechanism for obtaining the mechanism for getting feedback of students for the improvement of academic activities.

2. Teaching and evaluation:

Strengths:

- The department enjoys on of most preferred department for B.Pharm. and M.Pharm. Admissions in the state of Haryana evidenced by the 263 applications received against 54 seats in M.Pharm, 613 applications against 60 seats in B.Pharm. and 107 applications against 20 seats in Ph.D. course during the academic year 2014-15.
- All the M.Pharm. Courses runned by the department are approved by AICTE and the students with GPAT qualification are receiving fellowship of Rs.8000/month.



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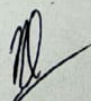
- The existing method of continuous student assessment (sessional examinations and viva during practical classes) is appreciable and adequate.
- The department follows the academic schedule as notified by the university strictly, which results in timely declaration results as well as help the students to get admission in higher studies of institutes of national repute.
- The department is using LCDs/computers/interactive boards for teaching, particularly in PG classes. There is a good practice of seminars, by PG students. Class room teaching in UG classes is adequate.
- The teachers in the department are highly motivated, and concerned about the students, and have been actively involved in the academic & personal counseling of students. The department has also started some very novel practices, such as "Induction programme", and "Parent Teachers meeting", which are highly appreciated.
- The teachers also encourage the students to prepare for entrance exams related to higher studies (GPAT/MAT).
- The department has presently 01 Professor, 05 Associate professors and 11 Assistant Professors. Out of 17 faculty members 13 are having Ph.D. and remaining 04 are pursuing their Ph.D. The faculty members are well qualified, as per norms of UGC. The faculty has 331 publications in last five years, and is actively involved in teaching & research. They also have good participation / presentations in seminars / workshops, etc.
- The faculty members have participated and presented number of papers in national and international conferences.
- The faculty members of the department have contributed as resource persons in various national and international conference/workshops/seminars.
- An adequate number of faculty members have been allowed and attended the faculty development programmes.

Weaknesses:

- There have been very less number of guest lectures in the last five years.
- Number of faculty is short (only 17, against present requirement of 26). As per academic requirements including work load, 26 teaching faculty members are required, as against of 17 in place/position at present.
- There is only one post of Professor in position for the undergraduate course of B. Pharm. and five PG courses being run by the Deptt. More professors should be recruited as per norms in due course.

Recommendation:

- Existing vacant faculty positions needs to be immediately filled up. New teaching positions in Pharm. Chemistry, Pharmacology & Pharmaceutics needs to be created in accordance with the actual requirements. (The contractual positions be converted to regular post)
- The department has to conduct more guest lectures using the resource persons from industry as well academics.

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3. Research, consultancy and extension:

Strengths

- The faculty members of the department is actively engaged in several research areas, which resulted in a publication of 331 articles in last five years in journals of national and international repute.
- Students / research scholars from the department are pursuing their projects, jointly with several industries / research organizations / other universities
- The department is presently enjoying a research grant of more than 3 Crore from several funding agencies like AICTE, UGC and NMPB.
- The department has been recently awarded with ePG-pathsala form UGC and FIST from DST.
- The department has a separate PG block as well as equipped laboratories to cater the need of research activities of faculty members and students.
- The department has research collaboration with faculty members of national and international institute of repute which resulted in publications in journals with good impact factor.
- There is adequate participation of the department in the extension activities in the University.
- Tremendous increase in physical infrastructure (building, equipments, computers, etc)

Weaknesses

- Even though, the department has adequate research facilities, the individual research laboratories for faculty members who are running the research projects from external funding agencies are need to be created.
- All the faculty members are not involved in "funded" research projects and they must make efforts to get funded research projects from outside agencies.
- There is no formal collaborations with outside agencies as well there are no international collaborations.
- Even though the faculty members are involved in consultancy services, there is no financial resource has been generated to the University.

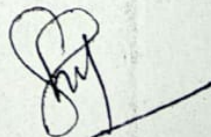
Recommendations

- The department/faculty members must take efforts to
 - Improve collaborations with outside agencies
 - Get more funded research projects
 - Generate resources from consultancy services

4. Infrastructure and learning resources:

Strengths

- **Library:** The department is not maintaining any Departmental Library, but is very close to the Central Library, which adequately serves the purpose. However, it is recommended that more number of latest books / journals, pertaining to pharmacy, should be procured annually, by the department, as per AICTE / PCI norms.



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- **Computers:** The department has good number of computers (87 + 04 laptops), along with the printers, 3 LCDs, etc. The faculty members and students are provided with internet facility.
- **Laboratories:** An adequate number of laboratories have been provided in the old block and in the new block. All these laboratories have the requisite provisions of gas / water/ electric supply, as per norms.
- **Equipments:** The department has equipments worth of more than 3 Crore including HPLC, HPTLC, AAS, CHN analyzer, TGA analyzer, FTIR and UV-Spectrophotometer etc.

Weaknesses

- There is no computer – qualified personnel in the department, to take care of computers.
- Subscription to Science direct and Bentham science journals are not available
- The numbers of laboratory staff are not adequate as per the requirements.
- There is no technical person to handle the sophisticated instruments
- The department has limited budget (Rs. 40,000 per year) for the repair and maintenance of costly equipments.
- The department has no power backup.
- The UPS of many computers are out of order.
- The seminar hall has inadequate furniture.

Recommendation

- The university must appoint computer qualified person in the computer lab in order to maintain the laboratory in more efficient manner.
- The university library may initiate the process of subscription of journal databases belongs to Science direct and Bentham science journals in order to cater the need of research activities of the department.
- The university must appoint the technical person to take care and operate the costly instruments in the department. Every lab must have atleast 01 lab attendant.
- The budget for the maintenance and repair may be increased sufficiently.
- The department must be provided with generator facility.
- Gas supply must be got repaired.
- Wi-Fi facility must be provided in the department.
- The seminar hall has to be provided with adequate furniture.

5. Students support and progression:

Strengths

- The department has a good success rate pass percentage in 1st attempt (success rate) of students at PG level.
- **Drop out rate:** The department has a low drop out rate in UG and PG programmes. In M.Pharm. programmes, the drop out rate is almost nil as all the courses are approved by AICTE, New Delhi.
- Good number of students qualifies all India examinations like GPAT in the past five years.




Standards
13/11/2014

- The teachers in the department are highly motivated, and concerned about the students, and have been actively involved in the academic & personal counseling of students. The department has also started some very novel practices, such as "Induction programme", and "Parent Teachers meeting" which are highly appreciated.
- Students of the department are finding jobs in very good companies.
- The department has alumini cell in coordination with the university.
- The department follows student feed back system.

Weaknesses

- The "Placement Activities" by the department are not adequate, and need to be augmented.
- The activities of the alumini Cell and need to be augmented at the department level as well separate infrastructure and manpower to be provided for the same.

Recommendation

- The department has to put more efforts to improve the placement of students.
- The student feed backs should be considered while revising the syllabus.

6. Innovative practices:

Strengths:

- The department is using LCDs./ computers for teaching, particularly in PG classes.
- There is a good practice of seminars, by PG students, which improve their communication skills.

Any other observations:

- The Academic Audit committee took note of the fact the department has initiated several steps, such as
 - Anti-ragging committee
 - Grievances Committee
 - Celebration of Teachers Day
 - B.Pharm. Ist semester Induction Programme
 - Seminars/conferences

Which are positive steps towards the fulfillment of norms specified by NAAC.

- The Academic Audit Committee strongly recommends for provision of separate research laboratories for faculty members.
- The Academic Audit committee strongly recommends for provision of a "power back up" for the department and restoration of gas supply in the department laboratories.
- The academic audit committee strongly recommends the provision of furniture to the seminar hall of the department.

(Prof.S.H.Ansari)
Jamia Hamdard,
New Delhi.

(Prof. Nadeem Siddiqui)
Jamia Hamdard,
New Delhi.

(Prof.Arun Nanda)
Dean (Pharm. Sci.)
MDU, Rohtak

Department of Microbiology

The Academic Audit meeting held at Department of Microbiology on 21st November, 2014 at 3:00 PM. The following were present

Prof. V.C Kalia Senior Scientist, Institute of Genomics & Integrative Biology New Delhi

Prof Rup Lal Department of Zoology, Delhi University, New Delhi

Prof. P.K. Jaiwal, Dean, Faculty of Life Sciences

Dr. P. Shukla, Head Department of Microbiology

Meeting was started with the introduction of the faculty members and the individual faculty members introduced their area of research to the outside experts also discussed their future plans about research.

Activities of the department were briefed by the respective coordinators. Examination and evaluation system of the students was discussed and briefed to the outside experts.

The department self evaluation report was discussed and resolved as below:

Curricular Aspects

Department of Microbiology offers two M.Sc degree programmes in the CBCS pattern:

1. M.Sc. in Microbiology, 2. M.Sc. in Microbial Biotechnology, The selection of candidates is based on the Academic merit as per the University rules.

For overall development of students, measures have been taken in the Curriculum design so as to have more emphasis on practical learning's and to meet the demands of the changing academic scenario. Dissertation work in the third semester has been introduced to encourage research culture in the students

It should be ensured that the faculty members are regularly taking assignment, class test and presentations from the students.

During class seminars and paper reading special focus to be given on pronunciation and presentation skills by respective faculty members.

An annual Microfest should be organized which will give an opportunity to the students to enhance their skills and get an exposure to the stage. Focus of Microfest will be again on presentation skills and will involve paper reading, extempore speaking, group discussion and quiz.

All the students of M.Sc. Microbiology in 3rd semester should involve themselves in their thesis work under the supervision of their respective faculty members.

Teaching-Learning and Evaluation

Teachers are using modern multimedia and interactive means to impart quality education to the students. The students are assessed on various parameters through Assignments/Presentations, Class Tests/Internal Tests, Practical experimentation, Seminars carrying marks.

Department regularly seeks feedback from the students and their parents about the course contents and teaching methodologies.

Students are encouraged for participation in a variety of co-curricular activities such as brain-storming, role-plays, quizzes, news analysis, extempore debates, panel discussions, paper presentations.

Special thrust is given to developing communication skills in the curriculum for equipping the students for meeting global demands. A complete paper has been introduced in their syllabi to improve their computer knowledge and communication skills

IQAC of the departments ensures the promotion of best practices and its internalizations in the following way: A few of the best practices promoted during the last two years (as the department is new) are as follows:

Semester system and choice based credit system, new interdisciplinary papers are incorporated in the syllabi, pre- Ph.D. course work has been designed and started

Feedback from students is regularly done, Feedbacks from parents and other experts is also encouraged

A detailed report after educational tours will be submitted as part of their assignments. Few more industrial visits were planned in the coming semester for the M.Sc. MBT students.

Importance should be given to students Feedback mechanism, questionnaire – feedback on courses, teachers and campus experience, Students make a full use of modern technologies in interactive sessions like seminar, tutorials etc., Students are asked to plan activities like study tour and submitted a comprehensive report on their exposure obtained.

The department should have a separate computer centre facility for its student. Therefore, additional computers for students are highly recommended meet the demands of 60 students.

Infrastructure and Learning Resources

The department has inadequate non-teaching staff. Currently there is only one Laboratory attendant and one Senior laboratory attendant to look after the all the four laboratories for the two M.Sc. Programmes run by the department. Therefore, the department may be provided with the additional staff to meet its requirement..

Additional equipment like Weighing balance and pH meter should be obtained for each M.Sc. Laboratory.

Precautionary measures like using Laboratory mask and laboratory coats should be strictly imposed.

Industrial training has been introduced in the curriculum. Students are sent to academic institutes like JNU and DU annually. Very recently a tour was arranged to Manikaran to collect hot water spring samples.

Short term Project/training should be done by the students in the department itself

Additional specialized laboratories (media preparation rooms, Autoclaving room) are to be created to meet the needs of specialized projects work.

A separate building has been proposed with complete plan and details for consideration by the higher authorities. Kind attention is required by the authorities to materialize the new building plan completely dedicated to Microbiology.

Research, Consultancy and Extension

Faculty members of the Department have already got funding worth Rs 1.8 Crores for research from various funding authorities. Rest of the faculty members in Department of Microbiology have applied for research projects to various funding authority.

Innovative Practices

Following mechanisms have been developed by the institution for quality assurance within the existing academic and administrative system.

- Planning, Monitoring and Evaluation Board.
- Implementing bodies – Departmental Committee System for academic administration.
- Establishment of IQAC for making sustaining the procedures and processes.

The Department Head is the Chairperson of IQAC, while all the faculties are the members. Its main objective is to plan and implement quality initiatives and evaluate.

It follows its calendar for meetings, quality agenda and maintains its proceedings. It circulates its plan and steps for implementation.

Department conducts workshops, awareness programmes and special lectures on quality innovations. It analyses the feedback received from all stakeholders and inform the concerned about its outcome for correction and amelioration. It also sends appreciation letters to the well deserved staff for this performance.

Recommendation and suggestions by the externals

Space is a constraint and you should learn how to learn to work in limited space. Developing technologies is most important through a basic research.

Do good teaching and research is important because good students come to you. Research output comes through the students getting good students is important.

Plan your publications well in advance. Focus should be on a defined aspect to come out with results.

Genomics and bioinformatics should be carried out in collaboration with people who have already established them self. Maintaining and procuring instrument should be central. A central pool shld be created in the department that should be accessible to all. Except a personal room everything shld be accessible to the entire members ion the department. Sharing should be a habit, authorship shld be sorted out initially. Groups of the students and lead author to be identified well in advance.

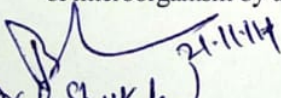
Try diversify in your research field. Novel areas to be explored rely on industry. Do interact with each other. Congenial environment is more important for excelling in research.

Collaboration is most important and good research can be achieved.

Set a target and a role institute, try leaving your Ph.D. problem, publication should not be the priority. Thinking on new aspect is important. Find a new problem which is unexplored. Try diversifying into new fields.

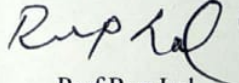
Recommendation by the expert:

- Department of Microbiology is growing in terms of number of projects and students also. The faculty of the department is expanding their research areas in new directions (animal tissue culture, Soil Microbiology and Nanotechnology). Therefore, a separate building is highly recommended to meet the requirement. Moreover, working on pathogenic strains requires isolated laboratories, which cannot be made in the available space.
- Advanced bio-safety facility to be created (BSL II/III facility) in the department to ensure any unwanted spread of the pathogens/harmful microorganisms.
- Additional grant for setting up advanced instrument facility should be provided to the department.
- A culture room for maintaining the cultures collection of the department and the newly isolated stains of microorganism by the students should also be created.


(Dr. P. Shukla)
Head Department of Microbiology

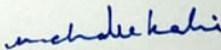

Dean, Life Sciences 21.11.2014

Prof. P.K. Jaiwal


Prof Rup Lal

Outside Experts

Prof Rup Lal



Prof. V.C. Kalia

Centre for Biotechnology

Subject: **Proceedings of academic audit of Centre for Biotechnology, M D University, Rohtak** for the session 2013-14.

The academic audit of the Centre for Biotechnology was held on Nov. 18, 2014. The following members were present

- | | |
|--------------------------|-----------------------------------|
| i) Prof. P. K. Jaiwal | Dean, Fac. Life Sciences |
| ii) Prof. G. L. Sharma | Outside Expert
IGIB, New Delhi |
| iii) Prof. Deepak Sharma | Outside Expert
JNU, New Delhi |

The members of the audit team interacted with the faculty members, research scholars and students of the Centre and also visited teaching laboratories & Central Instrumentation Facility. The following are the observations/recommendations of the committee.

1. Curriculum aspects:

The Centre has two PG (post graduate) teaching and Research programmes in Biotechnology and Agri-biotechnology. The courses are of two years duration and are taught in semester (two semesters per year) and with open choice based credit system. The syllabi of both the courses have been as per the guidelines of UGC / DBT and revised time to time. The last updation was made on March 1, 2013 by involving outside subject experts. The syllabus had discrepancy in date put by one of the experts. The syllabi are designed not only to impart knowledge but also to ensure success in the National level competitive examinations. The courses are interdisciplinary in nature, where apart from core papers, papers in Biostatistics, Bioinformatics and Computational Biology are also offered. A set of elective courses along with six-month dissertation (in the last semester), seminars, assignments, periodic class tests /sessional exams are the integral part of the courses/ syllabi.

2. Teaching-Learning and evaluation:

The Centre has nine faculty members including two professors, one associate professor and six assistant professors. The total intake of students in the Centre for Biotechnology is 40 (20 in each course). The teacher-student ratio is 1:9 which is excellent for dissemination of knowledge. The experts interacted with students. It was observed that the students learning status is assessed regularly through assignments, seminars, sessional and semester tests. The students are also encouraged to participate in workshops/ seminars / conferences (organised only by the Centre but also by the other Departments under the faculty of life sciences) and

H. Sharma

G. L. Sharma

P. Sharma

to interact with subject experts invited to deliver talks. The Centre has organised following workshops/ seminars / conferences during 2013-2014.

- i) National workshop on "Genomics in crop improvement" during Feb. 27-28, 2014.
- ii) A two-week DBT-sponsored short term-training course on "Plant Transgenic Technologies" for Univ./College teachers and young researchers during Oct. 1 to 16, 2014.
- iii) An education tour to IVRI, Mukteshwar, Nainital, Uttarakhand from Oct. 10 to 14, 2013 to study flora and fauna.

Such events provide opportunity to teachers and students to expand their scientific horizon and develop new collaborations.

3. Research, consultancy and extensions

Nine Ph.D. students have successfully completed their doctoral work and 17 are registered for Ph.D. during the last one year under able guidance of faculty members of the centre (Annexure-I). Further, more than forty master's students have completed their M. Sc. dissertation under the faculty members.

The faculty members have been found to be actively involved in research. There are two projects completed during 2013 and seventeen ongoing projects are funded by the National agencies like DBT, DST, HCST, CSIR and UGC and have published research papers in reputed journals with good impact factors (see **Annexure II & III**). Faculty members have also attended National Conference/Seminar/workshop (**Annexure IV**) and presented their work.

It was important to note that the Centre has developed collaborations with National (Univ of Health Sci., Rohtak, IARI, New Delhi, ICGEB, New Delhi) and international institutes (Umas, USA).

4. Infrastructure and Learning Resources

The Centre has well-equipped laboratories, classrooms and seminar / conference rooms with teaching aids such as LCD projectors, smart class board etc. Centre has a Central Instrumentation Facility (CIF) with advanced sophisticated equipments like ultra centrifuge, Real time PCR, UV-VIS Spectrophotometer, Phase-contrast inverted microscope, Akta-purifier, Nano-HPLC, Gel-documentation, Milli-Q-water purification, Electroporator, Fermentor, Ice flakers, Elisa Reader and liquid Nitrogen plant to cater the need of research scholars and faculty members for quality research. It also has a DBT sponsored bio-informatics centre with 20 computers that are loaded with the latest bioinformatics tools and software's. The Centre has access to a Central animal house and a green house.

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5. Student support and progression

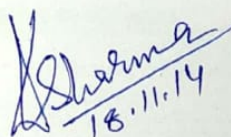
The Centre has been recognized for Special Assistant (SAP, Phase I) by the UGC, and funding for Infrastructure (FIST, Phase I) by the DST. Some of the teachers are involved in IPLS by the DBT. Being SAP department, UGC is also providing basic science research fellowship to 5 students for pursuing Ph. D. The M. Sc. students are involved in arranging get-together functions such as the Fresher's introduction, Fare-well parties and periodic extension lectures. All the students of the Centre are members of 'Biotechnology Association' which organizes cultural activities and competitions like quiz, debate, on spot poster making etc to encourage their talent and to develop multi-skills. Student's perception about academic and administrative activities is taken periodically by arranging meetings with them. Annual meetings of Alumni and PTA (Parent-Teacher Association) are also arranged to take their opinion and feedback documents were taken. The University has Institutional Bio-safety Committee, Human Ethics Committee and Institutional Animal Ethical Committee (**supporting documents seen**). The projects carried out in the Department are appropriately approved by the relevant committees is basic requirement.

Recommendations

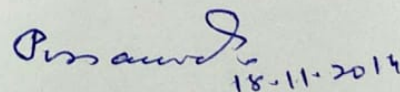
- i) **Continuous and uninterrupted power backup:** Even power backup system exists yet there are problems in operationalising the system.
- ii) **Departmental Library:** The Centre is imparting education & training to more than 200 students. They felt a need of a Departmental library.
- iii) The CIF need to be **more equipped with equipments** for establishing Genomics lab and Green and screen houses
- iv) Minor revision in practical course content is needed in line of theory syllabus. Repeats and overlaps may be eliminated /removed.
- v) The course work in basic Neuroscience may be included in the curriculum.


18/11/2014

(Prof G L Sharma)
Outside Expert


18.11.14

(Prof Deepak Sharma)
Outside Expert


18-11-2014

(Prof. P K Jaiwal)
Dean, Fac Life Sciences



MAHARSHI DAYANAND UNIVERSITY, ROHTAK
(A State University established under Haryana Act No. XXV of 1975)
'A' Grade University Accredited by NAAC
DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

No. JMC/15/_____
Dated: 10/01/2015

**MINUTES OF THE MEETING OF THE ACADEMIC AUDIT COMMITTEE (AAC)
HELD ON JAN. 10, 2015 IN THE OFFICE OF THE HEAD, DEPT. OF JOURNALISM
AND MASS COMMUNICATION, M. D. UNIVERSITY, ROHTAK.**

A meeting of the Academic Audit Committee (AAC) comprising of the following members was held on 10/01/2015 at 12:30 Noon in the office of the Head, Dept. of JMC:

1. Dr. Vir Bala Aggarwal
Professor & Head,
Dept. of JMC, H. P. University, Shimla
Outside Expert
(Member)
2. Dr. C. P. Singh
Professor & Head,
Dept. of JMC, GGSIPU,
Dwarka, New Delhi.
Outside Expert
(Member)
3. Prof. Rohini Aggarwal
Dean, Faculty of Humanities,
M. D. University, Rohtak
Member

The AAC members interacted with the Head, Dept. of JMC, faculty members, research scholars and students of the department and sought their feedback about teaching, research, and other facilities/ activities of the department.

The AAC also browsed the documents related to Departmental Evaluative Report, Dept. Presentation Report, Criteria and Report and other supporting documents presented by the HOD (JMC).

The committee also saw the classrooms and faculty rooms, seminar room, etc. to judge the infrastructure.

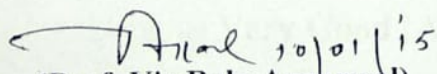
After a thorough inspection/ assessment of the documents, personal assessment through interaction, and feedback from the stake holders, the committee opines as under:

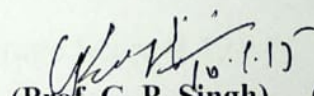
OVERALL REPORT (OBSERVATIONS OF THE ACADEMIC AUDIT COMMITTEE)

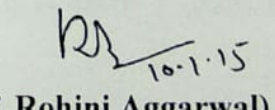
1. The Dept. has competent faculty members, fully qualified, capable of doing justice to teaching and research assignments.
2. The Dept. has necessary basic infrastructure for conduct of Academic programmes.
3. The Dept. has clearly demarcated Vision- Mission, and future plans of action.
4. The Dept. is doing best in terms of curricular aspects, delivery mechanism, and other necessary parameters of Academic Audit.
5. The Dept. has the potential to develop further as a Prominent Centre of Media Education.

SUGGESTIONS FOR FURTHER IMPROVEMENTS

1. The Dept. may initiate official collaboration with Media Organizations, etc. for practical skill- based training of its students.
2. The Dept. may develop full fledged Computer & Multi- media lab for practical training of students.
3. The Dept. may initiate research collaboration(s) with institutions of repute.
4. Workshops on Research Methodology, etc. be organized for research scholars and M.Phil students.
5. Posts of technical nature- Technical Assistant, etc. be get created in the Dept.
6. Specialized Electronic Media (Radio & TV Journalism) faculty member be recruited in future for further development of the Dept.
7. The Dept. may consider introducing new papers/ courses in Business Communication, Integrated Marketing Communication, Gender Communication, etc. as per latest trends of Media Education.
8. Experts from Media Industry be also created with the Dept. by creating an appropriate forum for the purpose.


(Prof. Vir Bala Aggarwal)
(Outside Expert)


(Prof. C. P. Singh)
(Outside Expert)


(Prof. Rohini Aggarwal)
(Member)

①

MAHARSHI DAYANAND UNIVERSITY ROHTAK
DEPARTMENT OF EDUCATION

Report of the Academic Audit Team

A Meeting of the Academic Audit Committee was held on 19th November, 2014 to conduct the Academic Audit of the Department. As per order of the Vice-Chancellor, Prof. N.S. Mavi and Prof. Talat Aziz were nominated as two outside expert to conduct the academic audit. Prof. Talat Aziz could not come because she got fracture in her leg (Letter Attached)

The Team comprising of Prof. N.S. Mavi and Dean, Faculty of Education, M.D. University, Rohtak reviewed the Academic, Research and Extension work done by the Department. The committee members interacted with the faculty members, research scholars and students of the department and verified the infrastructural and instructional facilities available in the department. Following are the observation on the various aspects

1. Curriculum

a) The Department of Education is running following courses.

1. M.A. (Education) 2 year with an intake of 30 seats.
2. M.Ed. 1 year with an intake of 35 seats.
3. M.Phil (Education) 1 year with an intake of 15 seats.
4. Pre-Ph.D.(Education) (6 months) with an intake of 5 seats.

The curriculum of all the programmes have been prepared keeping in view the guidelines of both UGC as well as NCTE.

b) Feedback from the students and parents is taken regularly on six parameters i.e. Quality of Course content, Knowledge and Communication Skills of the Teachers; Teacher's accessibility outside the class; Institutional methods being used, Evaluative Techniques and Internal Assessment. Suggestions received from them are incorporated for improving Quality Education in the Department.

2- Teaching-Learning and Evaluation

a) Department has a strength of 10 faculty members which include 4 Professors, One Associate Professor and 5 Assistant Professors. Except one Assistant Professor who is on deputation, rests are permanent faculty of the Department. All the faculty members are Ph.D. holders.

N.S. Mavi

H. L. Sharma

- b) Faculty members participated in 34 (thirty four) International and National Conferences and Seminars / Workshops/ Symposia. Senior faculty members acted as resource persons of chaired technical session in this Conferences and Seminars.
- c) Faculty members transact the curriculum by using innovative strategies so that quality of classroom interaction can be enhanced by active participation of the students. They try their level best to use Educational Technology as part of their teaching-learning process.
- d) Apart from term end semester examination, the department strictly follows university norms for continuous evaluation of students through class tests, assignments / presentations and attendance.

3- Research Consultancy and Extension

- a) It is good that Department has organized National Seminars in Collaboration with AITEA in November, 2013 and M.R. College of Education, Hassanpur (Jhajjar) in December, 2013.
- b) The Department has one minor project from Dean Students Welfare Office.
- c) All the faculty members are actively engaged in research work which is evident from the number of Ph.D's (19) awarded during the academic session. Four books have also been written by them.
- d) In addition to above, all the faculty members are proactively engaged in publishing research papers in journals of National and International repute. Few teachers published research papers in journals having impact factor 7.1 or so.
- e) Three Junior Research Fellows and two Senior Research Fellows are working for their Ph.D. in the Department.

4- Infrastructure and Learning Resources

- a) The Department has been housed in a spacious building and infrastructure is of very good quality. Education Technology and Psychological Labs are well equipped.
- b) Students have access to e-learning with internet facilities in the Department.
- c) Besides Departmental Library, the students have an easy access to Main Library which is at stone throw distance from the department.

N.S. Mehta

H.L. Sharma

5- Students Support and Progression

- a) Dropout rate is almost negligible.
- b) Roaster System applicable as per University norms.
- c) Students are engaged in extracurricular activities like celebration of Teacher's Day, Quiz Competition and Cultural Programme in the beginning of the session.
- d) Edufest is organized every year regularly.
- e) 17 students of the Department qualified NET.
- f) Placement Cell of the department is playing its role effectively by organizing Extension Lecturers, providing Guidance and Counseling services.

6- Innovative Practices

- a) Audio-visual aids like OHP / LCD etc are used for teaching students in addition to traditional methods of teaching
- b) To create a positive impact on the functioning of the department, the use of internet, journals, participation in seminars / conferences / workshops, refresher courses and orientation programme is in place.
- c) Stress is laid on developing professional and humane skills.
- d) Encouraged students to write one '**Thought of the Day**' daily on the Board.
- e) Emphasis is laid on cleanliness.
- f) The Department is providing research consultancy to the neighboring educational institutions running M.Ed. programme.

N.S. Mavi
(N.S. Mavi)

Hemant Lata Sharma
(Hemant Lata Sharma)
Dean, Faculty of Education

MINUTES OF THE MEETING OF ACADEMIC AUDIT COMMITTEE (AAC) IN MATHEMATICS HELD ON 21st NOVEMBER 2014 (FRIDAY) AT 11:00 A.M. IN THE OFFICE OF HEAD, DEPARTMENT OF MATHEMATICS, MAHARSHI DAYANAND UNIVERSITY, ROHTAK

A meeting of the Academic Audit Committee (AAC) consisting of the following members to carry out the Academic Audit of the Department was held on 21/11/2014 in the office of the Head, Department of Mathematics.

The following members were present:

- | | | |
|----|--|-------------------------|
| 1. | Prof. Kuldeep Bansal,
Dept of Mathematics, GJU, Hisar | Member (Outside Expert) |
| 2. | Prof. Pradeep Bhatia,
Dept of Mathematics,
DBCUST, Murthal (Sonapat) | Member (Outside Expert) |
| 3. | Prof. K.K. Verma,
Dean Faculty of Physical Sciences,
M.D. University, Rohtak | Member |

The members of the AAC interacted with the faculty members and students and sought their feedback about teaching, research, other facilities and activities in the Department. The committee has gone through the Annual Departmental Report, Departmental profile (ANNEXURE - I), Self-Evaluative Report (ANNEXURE - II) and the achievements of the faculty members for the academic year 2013-14 (ANNEXURE - III) placed by the Head of the Department to the AAC.

After going through the all the above aspects, the Committee made the following observations/recommendations:-

Curriculum Aspects

a) The following six courses were running in the Department in the session 2013-14:

1. M.Sc. Mathematics (2-Year) with an intake of 60 students
2. M.Sc. Mathematics with Computer Science under (2-Year) Self Financing Scheme with intake of 60 students
3. 5-Year Integrated M.Sc. (Hons.) Mathematics with intake of 60 students
4. M.Phil. (Mathematics) with an intake of 15 students
5. Pre-Ph.D. (Mathematics) with intake of 04 students
6. Ph.D. (Mathematics)

RB
21/11/14

Verma
21/11/14

Kumar

- b) The syllabi of all the above mentioned courses are mainly in accordance with UGC curriculum. As a result, more than 14 students qualified the NET, JRF (UGC-CSIR) and GATE Tests. All the courses focus on employability and development aspects and were last revised in 2012-13.
- c) Emphasis is also laid on enhancing the Computer skills of the students.
- d) The feedback from the students was taken in form of the feedback proforma and the suggestions were incorporated. Feedback for the session 2013-14 reveals that the students have rated the department in the "Very Good" category giving average 3.2 score (A grade) out of the maximum score of 4.

The Committee Members also interacted with the students. The feedback obtained from the students by the committee revealed that:

- The students have free accessibility to meet the HOD as well as all the other faculty members whenever required.
 - Library is very rich so far as the quantity and the quality are concerned and being used by the students regularly which help them enrich their knowledge in the profession/life.
- e) Feedback obtained from the parents also revealed the strong agreement on almost all the parameters by the parents.

Teaching Learning and Evaluation Aspects

- a) The courses running in the Department are in great demand as is evident from the following:
- i) The Department received total 1311 applications against 120 seats together of M.Sc. Mathematics (60 seats) and M.Sc. Mathematics with Computer Science (60 seats).
 - ii) 402 applications were received against 60 seats of 5-Year Integrated M.Sc. (Hons) Mathematics course.
 - iii) 187 applications were received against the total available 24 seats for M.Phil./Pre.Ph.D/URS.
- b) Apart from regular examinations, the Department strictly follows University norms for continuous evaluation of students in the form of class tests, assignments and regular presentations.

PBS
21/11/14

Unjay
21/11/14

Korner

- c) Tutorials/Remedial classes are also conducted for the overall academic improvement of the students.
- d) Department has 18 faculty members, which includes 09 Assistant Professors, 02 Associate Professors, 06 Professors and 01 Professor Emeritus.
- e) Out of 18 teachers, 15 are Ph.D. degree holders and the others are pursuing their Ph.D.
- f) Teacher students ratio is about 1:23.
- g) Teacher-Research Scholar ratio is about 1: 4.

Research Consultancy and Extension Aspects

- a) The faculty members of the Department are actively engaged in the research activities which is evident from the total number of research papers published till 31st May 2014, the number of papers published in the session 2013-14 and also from the number of Ph.D.'s awarded during 2013-14. The research and academic contribution by the existing teachers of the department is

Period	Number of papers published in journals	Number of Chapters in Books	Number of Books Edited	Number of Books with ISBN with details of Publishers	Number of Papers in Proceedings of the Conferences
Till 31-05-2014	410	09	08	07	64
2013-14	72	-	-	-	05

- b) Most of the faculty members have participated in seminars/conferences/workshops and delivered invited lectures also during 2013-14. Papers by the teachers were presented in 22 conferences/seminars and talks were delivered in 13 conferences during the session 2013-14.
- c) The fund of Rs 31 lakhs sanctioned by the U.G.C. under SAP was utilized to promote the academic and research activities in the department during the session 2013-14.
- d) The fund sanctioned to the department under the scheme UGC- BSR for infrastructure of Rs. 20 lacs utilized to enhance infrastructure facilities in the Department.
- e) One **Major Research Project** from UGC entitled " Non- linear Functional Analysis and Applications: Fuzzy and probabilistic approach" was Successively Completed.

RS
21/11/14

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- f) Two **Minor research projects** entitled “ Fuzzy Sets and Fuzzy Logic : Theory and Applications” and “Fixed Point and Best Approximation Theory” sanctioned by University Grant Commission were ongoing during the session 2013-14.
- g) Two one-day workshops--“Personality development and communication skills” in collaboration with career counseling and placement cell was organized on 21 March, 2013 and “Applicability of Statistical Tools Using SPSS” was organized on 13 May, 2013.
- h) One of the faculty members was presented ISITA Award-2013 by Indian Society of Information Theory and Applications on 24 Oct., 2013 at Bathinda.
- i) Some faculty members of the Department are engaged in collaborative research work in India and Abroad.
- j) Teachers of the department are invited as resource persons in the refresher/orientation courses. In the session 2013-14, 8 invitations came as resource person to the faculty members of the department.
- k) Faculty members are invited by various colleges/universities for delivering extension lectures. 13 invitations came for delivering extension lectures in the session 2013-14.

Infrastructure and Learning Resources

- a) The Department is well equipped in terms of Computer Labs, the Departmental Library in addition to the Central Library, Class Rooms and other support systems. During the session 2013-14, the department was having 130 computers in its two labs and more than 10000 books in its Departmental Library in addition to thousands of books and hundreds of Journals in Mathematics available in the Central Library of the University.
- b) Students are encouraged to e-learning with the help of internet facilities in the Department
- c) As many as 52 students were pursuing their Ph.D. degree during 2013-14.

Students Support and Progression Aspects

1. Drop out ratio is very less i.e. 4 per cent.
2. Two teams comprising the students of the department participated in the quiz contests held at All India Jat Hero's Memorial College and Kanya Mahavidyalaya College and won first and second prizes respectively.

RB
21/11/14

Kulav
21/11/14

Korner

3. The Department has established Career Counselling and Placement Cell and Alumni Co-ordination Cell under the charge of the faculty members.

Innovative Practices

The Department focuses on multi-skill development in its programmes by introducing varied contents. Various activities including encouraging students to participate in variety of co-curricular and social activities are performed in the Department along with the course of study which help develop multi-skills.

The following measures are taken by the department for quality sustenance and enhancement in curricular aspects.

- Feedback mechanism.
- Conduct of Departmental meetings.
- Periodical evaluation of curriculum.
- IQAC guidance.

The very basic thing done for the quality sustenance and quality enhancement is the preparation and publication of academic calendar at the very opening of academic year. The teachers devote their time in personal counselling and encourage the students for various socio-cultural, political and moral activities. The academic enhancement is stressed by arranging extra revisions, remedial classes, educational tours and guest/extension lectures. The teachers motivate the students to follow reference books also.

The efforts are made by the department to have good co-ordination and harmony among the teachers. The best practices of the Department are the regular updation of syllabi and encouragement for research.

Overall, the Department is doing very well, students are satisfied with the faculty members and the infrastructural facilities provided by the department, the department utilizes the grant provided to it timely and properly. Though, the Department is rated as 'very good' in all the above aspects, yet the following weaknesses is also observed:

- ❖ The Department is short of 7-8 regular teachers whose work-load is being covered by the research scholars/guest faculty.
- ❖ Shortage of specialized teaching staff in some domains.

RS
21/11/14

Ward
21/11/14

Kumar

The above weaknesses can be overcome if 7-8 regular posts are created and filled up keeping in view the specialization required.

Kuldeep
21/11/14
(Kuldeep Bansal)

Pradeep
21/11/14
(Pradeep Bhatia)

K.K. Verma
21/11/2014
(K.K. Verma)

Name of the Faculty	Qualification	Designation	Specialization	Age
Dr. Rajdeep Singh	M.Phil., Ph.D.	Professor	"Partial Differential Equations", "Mathematical Theory of Inverse Problems", "Partial Differential Equations", "Pure Mathematics"	27
Dr. J.S. Bansal	M.Phil., Ph.D.	Professor	"Solid Mechanics", "Theoretical Science", "Fluid Dynamics"	26
Dr. J.S. Bajaj	Ph.D.	Professor	"Theoretical Science", "Solid Mechanics"	26
Dr. Gurbinder Lal Tandon	Ph.D., INDIACA	Professor	"Statistics", "Operations Research" and "Reliability Modeling & Analysis"	25
Dr. Rajdeep Kumar	M.Phil., Ph.D., INDIACA	Professor	"Reliability Modeling" and "Statistical Inference"	25
Dr. Duldeep Singh	M.Phil., Ph.D.	Asst. Professor	-do-	25
Dr. Archana Mehta	M.Phil., Ph.D.	Asst. Professor	-do-	25
Dr. Seema Mehta	Ph.D.	Assistant Professor	"Analysis", "Pure Mathematics", "Discrete Mathematics"	26
Dr. Sumeet Gill	Ph.D.	Assistant Professor	"System Study", "Artificial Intelligence"	19
Dr. Sireeta Rathor	M.Phil., Ph.D.	-do-	"Analysis", "Pure Mathematics"	07
Dr. Manoj Kumar	M.Phil., Ph.D.	-do-	"Analysis"	03
Dr. Jagvee Anilawat	Ph.D.	-do-	"Algebra Number Theory"	04
Dr. Anshu Jain	Ph.D.	-do-	"Analysis", "Pure Mathematics"	03
Ms. Pooja	M.Sc.	-do-	"Computer Science"	02
Ms. Manamohan	M.Phil.	-do-	"Computer Science"	04
Mr. Balraj Sharma	M.Phil.	-do-	"Graph Theory"	01

**REPORT OF ACADEMIC AUDIT OF UNIVERSITY INSTITUTE OF
LAW & MANAGEMENT STUDIES (LAW PROGRAMMES) 2014-15**

Curriculum Aspects:-

- a) At present the following Five courses are being run in the Institute:-
1. 5-Year Integrated B.A.LL.B (Hons.) with intake of 240 students.
 2. LL.B (3 Year) course (Morning Shift) with an intake of 60 students.
 3. LL.M (2 Year) course (Morning Shift) with an intake 30 students.
- b) The syllabi of all the above mentioned courses are in accordance with norms of Bar Council of India/UGC. As a result, more than 10 students qualified the NET/JRF. All the UG and PG courses were last revised in 2009-10 , 2010-11 and 2011-12.
- c) The feedback from the students was taken once in the preforma of feedback in Oct 2014 and the suggestions were incorporated. Feedback for the session 2014-15 reveals that the students have rated the Institute in the "Very Good" category giving an average score of 3.5 score (A grade) out of the maximum score of 4.
- The students have free accessibility to meet the Director as well as all the faculty members as and when required.
 - Library is very rich so far as the quantity and the quality is concerned and being used by the students regularly which help them to enrich their knowledge in the profession/life.
- d) Parents were also invited and their feedback was also obtained. The parents strongly agreed on almost all the parameters. However, few parents disagreed on the factor "Institute makes good efforts for the placement of students". The Institute as well as the University has started making good efforts in this direction and a placement cell is established at University level for the purpose.

Teaching Learning and Evaluation Aspects:-

- a) The courses running in the Institute are in great demand as the Institute of Law received in total 2400 applications, against 240 seats of B.A.LL.B 5 Year course (160 seats at Institute of Law, M.D.U Rohtak) , 2700 applications for LL.B 3 Year course (Morning shift) for 60 seats (80 seats at Institute of Law, M.D.U Rohtak).. Further, 250 applications were received for LL.M against 30 seats. Wide publicity about admission is given by the University by giving notifications in national as well as regional news papers, twitter, facebook, whatapps etc.
- b) Apart from regular examinations, the Institute strictly follows University norms for continuous evaluation of students in the form of class tests, assignments and regular presentations.

- c) Tutorials/Remedial classes are also conducted for the overall academic improvement of the students.
- d) Institute has strength of 23 faculty members for Law programmes.
- e) Almost all the faculty members are highly qualified with NET & Ph.D.
- f) Teacher student's ratio is about 1:40.

Research Consultancy and Extension Aspects:-

- a) The faculty members of the Institute are actively engaged in the research activity which is evident from number of research papers published during 2014-15.
- b) Most of the faculty members have participated in seminars/conferences/workshops, Refresher Courses and also delivered Guest Lectures during 2014-15.
- c) The Institute plans to start one new course i.e. LL.M 2 Year Course (Evening) for further expansion of the Institute.

Infrastructure and Learning Resources:-

- a) The Institute is well equipped in terms of Library, Sports Complex Class Rooms, Seminar Hall, Moot Court Room, Girls Common Rooms, Boys Common Rooms, Library, Computer Lab., Auditorium, Legal Cell Room and other support systems.
- b) Students are encouraged to e-learning with the help of PPT & other Internet facilities in the Institute.

Students Support and Progression Aspects:-

1. The Institute organized a Moot Court Competition, Essay Writing Competition, Debate Competition, Quiz Competition in the session of 2014-15.
2. All the students are encouraged to take part in extra-curricular activities such as educational tours, sports and co-curricular activities etc and 20 students participated in Zonal Youth Festival and 04 Students Won Prize.
3. Drop out ratio is very less i.e. 2 per cent.
4. Institute plans to organize National Seminar in next session.

Innovative and Best Practices

Innovative Practices

The Institute focuses on multi-skill development in its programmes by introducing varied contents. Various activities including encouraging students to participate in variety of co-curricular and social activities are performed in the Institute along with the course of study which help develop multi-skills.

The following measures are taken by the Institute for quality sustenance and enhancement in curricular aspects.

- Feedback mechanism.
- Conduct of Instituteal meetings.
- Periodical evaluation of curriculum.
- IQAC guidance.

The very basic thing done for the quality sustenance and quality enhancement is the preparation of academic calendar at the very opening of academic year. Planning of curriculum calendar maps to achieve greater integration of instruction and makes lesson planning more effective. Besides teaching, the classroom discussions, seminars, unit-wise tests are also held. The teachers devote their time in personal counselling and encourage the students for various socio-cultural, political and moral activities. The academic enhancement is stressed by arranging extra revisions, remedial classes, educational tours and guest/extension lectures. The teachers motivate the students to follow reference books also.

The efforts are made by the Institute to have good co-ordination and harmony among the teachers. Cultural programs are also organized by the Institute wherein teachers and students both are involved. Such activities help the students to share their problems frankly with the faculty members.

Best Practices

After attaining good basic knowledge at the under-graduate and post-graduate levels, the students find they capable of pursuing for high level research and thus can become good Lawyers & deligent researchers and contribute towards the progress of the legal aspects in all arenas of life. Every student who passes out from the Institute gets good placement. He/ she is motivated to remain in constant touch with the Institute so that the freshers get valuable guidance from him/her.

The Context

To keep pace with the latest trends and development in the field , various challenges are faced by the institutes of learning including universities. Needless to say that Law plays a very significant role to meet these challenges. Thus, it is the need of the hour to design the new curricula, identify the thrust areas, develop new means / methods for imparting knowledge to create opportunities, new innovative ideas, produce good quality researchers and teachers of having sound knowledge of the subject.

The Practice

On the basis of the feedback received from various quarters including faculty, students, employers and academic experts, the Institutional councils discusses the issue of revising the existing curriculum or framing curriculum for newly envisioned course in their respective Institutes. The process of need assessment is generally informal and no formal database is prepared. The outlines of the course are prepared by the Institute. The preliminary draft of the course is placed in the meeting of respective Board of Studies for discussion and modifications. The curriculum finally approved by Board of Studies is placed in a meeting of Faculty. The faculty either

approves or refers it back to respective Board of Studies for making the suggested changes and directs to place it again in next faculty meeting.

After approval from Faculty, the curriculum is placed before the Academic Council. The academic council either approves or refers it back to respective faculty along with suggestions and directs to place it again in next meeting of the Academic Council.

Taking all these issues (need assessment, development of information, feedback from faculty, students, alumni, employees and academic peers and communicating the information and feedback for appropriate inclusion and decisions in statutory academic bodies), our faculty members representing BOS argue in the BOS meetings and try to include the topics in the curriculum.

The unique feature of the syllabi designed for various courses in Law is that these are job-oriented for good placement of students in various sectors of employment. However, non-availability of sufficient faculty to teach the specialized papers sometimes becomes constraint to permit students to opt for such optional papers and hence is a hurdle to achieve the goals.

Evidence of Success

The students after having completed a course of the Institute remains in great demand with industries, business, banking and insurance, agriculture, IT sector and various other public/ private sectors.

As the courses are designed as per needs of industry and other organizations offering employment to the students of the University, so a lot of employment opportunities are available in research/academic/professional institutions, corporate world, Defence Services, civil services and various other public/private organizations.

A good number of our students are awarded junior research fellowship/NET by CSIR/UGC. Further, the students clear the teacher's eligibility tests for placements in Senior Secondary schools conducted by various state agencies. There is hardly any student who has remained unemployed. Some students also qualify the civil services and other competitive examinations.

Problems encountered and resources required

Some more teaching positions are required to meet the requirement of more optional papers for better job prospects. The supporting staff to deliver good services for the students is required such as administrative officers, attendance and assistance, programmers.

Encouragement for Research

Objectives

To enhance the scientific and employability skills of the students and to enhance the research standards of the faculty members.

The Context

To meet the needs and challenges which are being faced in day-to-day life, growth in the field of Science & Technology, in general, and Law, in particular; is on. For proper development and growth in the areas related to Law, good quality researchers need to be produced which is possible due to the encouragement given to them.

The Practice

There is a healthy academic environment in the Institute as there is good coordination and harmony among the teachers. The research guides have harmony with their

research students also and given sufficient time to them for discussion on the problem related to their field of research. About 6-7 students of the Institute are awarded JRF by CSIR/UGC every year. Every year, university provides three university research scholarships (URS) to the students of Law for supporting their research work. A fairly large number of scholars are registered in the Institute for Ph.D. degree. The Institute / university grants duty / academic leaves liberally to the teachers as and when required for pursuing higher research and for participating in conferences / symposia/ workshops or other academic / research purposes by other universities / institutes in India as well as abroad. They are also provided TA/DA also for the purpose. The faculty members of the Institute have harmonious relations with the teachers of other Institutes also for university level activities. Such relationships held work in the interdisciplinary areas also.

The Institute subscribes sufficient number of research journals for the Institute as per different specializations. A good number of research journals published in India as well as abroad are being subscribed. Faculty members have access to a large number of on-line journals also.

Evidence of Success

Research papers published by the faculty members of the Institute in peer reviewed/ indexed journals and also in the journals having impart factors indicate that research standards of the Institute are reasonably good. Because of good research standards, the faculty members of the Institute have been sanctioned Major/Minor research projects by the UGC. The Institute has also been provided with financial assistance under SAP on the basis of research standards.

Problems encountered and resources required

Considering the performance of the Institute over the years, both in terms of courses being offered and the demand of students, Faculty of the Institute is deprived of being the part of, Question Paper Setting, Strong requirement of starting of new courses the Institute. All these problems affect the growth of Institute, Students and Faculty as well.

of IPR: Challenges for New Age Libraries" organised by National Law University, Delhi, January 23-24, 2015.

Mr. Akshay Singh (Assistant Professor) Law

Paper Published

- The socio-Economic status of women in India, International journal of trends in jurisprudence (IJTIJ) volume 4, Issue 06, 2015.

Mr. RamGopal (Assistant Professor) Law

Paper Published


- Inter-corporate Investment in India, Bhartiya Bhasha, Siksha, Sahitya Evam Sodh, National Journal (BBSSES) Volume 6, Issue 3, 2015.
- Arbitration: An Effective Mechanism to Dispute Resolution, International Research Journal of Commerce, Arts and Science (IRJCAS) Volume 05, Issue 9, 2014
- Co-operative Federalism, International Research Journal of Management, Sociology and Humanities (IRJMSH) Volume5, Issue 1, 2014


MEMBERS


23/7/16

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23.7.16
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