

## MAHARSHI DAYANAND UNIVERSITY ROHTAK

Copy of extract of Reso. No. 9 of the Academic Council's meeting held on 25.06.2018.

### 9. Recommendations of the Faculty of Physical Sciences

To note the action taken by the Vice-Chancellor, in anticipation approval of Academic Council, in approving the recommendations of the Faculty of Physical Sciences made vide Resolution No. 2,4 & 5 in its meeting held on 17.04.2018. (copy enclosed)

RESOLVED THAT ACTION TAKEN BY THE VICE-CHANCELLOR AS ABOVE BE NOTED

RESOLVED FURTHER THAT THE SCHEME OF EXAMINATIONS OF EACH PROGRAMME BE GOT VETTED FIRST FROM THE CONTROLLER OF EXAMINATIONS FUTURE.


[ACTION BY A.R.(ACAD.)]

### (Academic Branch)

Endst.No.ACS-II/F-38./2018/ 16713-29 Dated: 10/7/18

Copy of the above is forwarded to the following for information and necessary action. Syllabi and Scheme of Examinations of the above courses have already been made available on the University Website.:-

1. The Dean, Faculty of Physical Sciences, M.D. University, Rohtak.
2. The Head, Department of Statistics, M.D. University, Rohtak
3. The Head , Department of Computer Sci. & Appliactions, M.D.University, Rohtak.
4. The Head, Department of Physics, M.D.University, Rohtak.
5. The Controller of Examinations, M.D.University, Rohtak
6. The Principal, Aggarwal College, Ballabgarh, Faridabad
7. The Director, University Computer Centre, M.D.University, Rohtak for uploading the same on the University Website.
8. The Asstt. Registrar (Secrecy/Conduct/R-I, II&III,IV), M.D. University, Rohtak.
9. AR (R&S), M.D.University,Rohtak
10. AC-I,AC-IV, AC-VI (Academic) M.D.University, Rohtak.

  
Asstt. Registrar. (Academic)

-66-

Annexure A/7



**MAHARSHI DAYANAND UNIVERSITY, ROHTAK**

(Established under Haryana Act No. XXV of 1975)

'A' Grade University accredited by NAAC

**MINUTES OF THE MEETING OF THE FACULTY OF PHYSICAL SCIENCES HELD ON 17.04.2018 AT 11:00 A.M. IN THE COMMITTEE ROOM OF CHAUDAHRY RANBIR SINGH INSTITUTE OF SOCIAL AND ECONOMIC CHANGE (SWARAJ SADAN), M.D. UNIVERSITY, ROHTAK**

**Members Present :-**

1. Dr. V.K. Sharma Dean
2. Dr. Sanjaya Kumar Dahiya
3. Dr. Jitender Singh Sikka
4. Dr. (Mrs.) Priti Jain
5. Dr. Rajender Singh
6. Dr. Naseeb Singh Gill
7. Dr. (Mrs.) Sapna Garg
8. Dr. Gulshan Taneja
9. Dr. Dalip Singh
10. Dr. Suresh Chand Malik
11. Dr. Anirudh Yadav
12. Dr. Komal Jakhar
13. Dr. Preeti Rani
14. Dr. N.R. Dhamiwal Outside Expert

- ~~1.~~ Confirmed the minutes of the previous meeting of the Faculty of Physical Sciences held on 08.01.2018 (already circulated)
- ✓ 2. Considered the recommendations of the UG Board of Studies in Computer Science & Applications made vide resolution No. 3 of its meeting held on 19.09.2017 as under:-
  - i) The Board also considered the letter received from the Principal, Aggarwal College, Ballabgarh, received vide office diary No. DCS/361 dated 12.09.2017 regarding the revision of curriculum of B.Voc. (Software Development) as per NSQF model curriculum w.e.f. the session 2018-19.  
*After long deliberations the board revised the existing scheme and syllabus for B.Voc. (Software Development) w.e.f. 2018-19, and*

*[Handwritten signature]*

recommendations be sent for further approval of the competent authority may be prescribed. (Annexure-I, Pages -1 to 2)

RESOLVED THAT THE SCHEME OF THE EXAMINATION OF THE COURSE BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL.

- 3. Considered the recommendations of the PG Board of Studies in Statistics held on 27.12.2018 made vide resolution No. 1 as under:-  
Minor Modification in M.Phil./Ph.D. Coursework Paper:

The Committee approved the minor modifications in the syllabus of M.Phil./Ph.D. Coursework Paper: **Stochastic Processes (17STAMP12 opt.(I))** which will be effective from the session 2018-19.

RESOLVED THAT THE MINOR MODIFICATION IN THE SYLLABUS OF M.Phil./Ph.D. COURSE WORK BE APPROVED.

- 4. Considered the recommendations of the Departmental Committee of Statistics in its meeting held on 09.01.2018 with regard to changes in eligibility conditions M.Sc. (Statistics) Course <sup>from</sup> the Session 2018-19 made vide resolution No. 1 as under:-

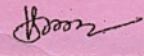

ELIGIBILITY	
Existing (2017-18)	Proposed (2018-19)
B.A./B.Sc. (Hons. or Pass) with Statistics and/or Mathematics OR B.A. Economics/B.Com/BCA/BE/B.Tech. with Mathematics as a subject at 10+2 level and at least 50% marks in aggregate or any other examination recognized as equivalent thereto by the University	B.A./B.Sc. (Hons. or Pass) with Statistics and/or Mathematics OR B.A. Economics/BE/B.Tech. with Mathematics as a subject at 10+2 level and at least 50% marks in aggregate or any other examination recognized as equivalent thereto by the University

RESOLVED THAT THE MATTER REGARDING CHANGE IN ELIGIBILITY CONDITIONS IN M.Sc. STATISTICS BE RECOMMENDED TO THE ACADEMIC COUNCIL FOR APPROVAL.

- 5. Considered the recommendations of the PG Board of Studies in Physics held on 17.01.2018 made vide resolution No. 2 as under:-

To consider the Syllabus the Scheme of Ph.D. Course Work (Physics) w.e.f. Session 2018-19 as received from the Head, Department of Physics may be prescribed as per Annexure-II, Page-3.

RESOLVED THAT THE MATTER REGARDING SYLLABUS AND SCHEME OF EXAMINATION OF Ph.D. COURSE WORK IN M.Sc. PHYSICS W.E.F. 2018-19 BE RECOMMENDED TO ACADEMIC COUNCIL.

  
DEAN, FACULTY OF PHYSICAL SCIENCES,  
M.D.UNIVERSITY, ROHTAK 

-68-

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS  
MAHARSHI DAYANAND UNIVERSITY ROHTAK

MINUTES OF THE MEETING OF THE UNDERGRADUATE BOARD OF STUDIES IN  
COMPUTER SCIENCE & APPLICATIONS HELD ON 19.09.2017 AT 11.30 A.M. IN THE  
OFFICE OF HEAD OF THE DEPARTMENT

The following were present:

- |    |  |                |
|----|--|----------------|
| 1. | Prof. Nasib Singh Gill,<br>Head, Deptt. of Computer Sc. & Applications,<br>M.D. University, Rohtak                       | Chairman       |
| 2. | Prof. Rajender Singh,<br>Deptt. of Computer Sc. & Applications,<br>M.D. University, Rohtak                               | Member         |
| 3. | Dr. Balkishan, Asstt. Professor<br>Deptt. of Computer Sc. & Applications,<br>M.D. University, Rohtak.                    | Member         |
| 4. | Mrs. Suman, Asstt. Professor<br>Govt. College for Women, Rohtak.   | Member         |
| 5. | Mr. Anil Kumar, Asstt. Professor<br>Govt. College, Meham.  | Member         |
| 6. | Dr. Vikas Chahar, Assistant Professor<br>Vaish College, Rohtak   | Member         |
| 7. | Prof. Vikram Singh,<br>Deptt. of Computer Sc. & Applications,<br>Ch. Devi Lal University, Sirsa.                         | Outside Expert |
| 8. | Prof. Anita Singhrova, Chairperson<br>Deptt. of Computer Sc. & Engg.,<br>DCR University of Sc. & Technology,<br>Murthal. | Outside Expert |

The Board discussed all the agenda items, deliberated at length and resolved the following:

1. The board confirmed the minutes of its previous meeting held on November 09, 2016.
2. The Board prepared and approved the panel of Paper-Setters/Examiners for the session 2017-18 for the Theory, Practical and Project Report/Viva-Voce Examinations for various Undergraduate

Contd...P/2

69

programmes including Add-on-courses run by the university in its affiliated colleges and decided to send to the concerned quarters:

- a. The panel for Theory and Project (Viva-Voce Examinations) to the Asstt. Registrar (Secrecy) under sealed cover
- b. The panel for Practical Examinations to the Asstt. Registrar (Conduct) under sealed cover.

**Further, the board also authorized the Chairman of the UGBOS to send the additional panel of Paper setters/Examiners, if required by the Controller of Examination, M.D. University, Rohtak.**

3. The Board also considered the letter received from the Principal, Aggarwal College, Ballabgarh, received vide office diary no. DCS/361 dated 12.09.2017 regarding the revision of curriculum of B.Voc. (Software Development) as per NSQF model curriculum w.e.f. the session 2018-19.

*After long deliberations the board revised the existing scheme and syllabus for B.Voc. (Software Development) w.e.f. 2018-19, and recommends the same for further approval of the competent authority.*

4. Under any other item, one of the members, Dr. Anil Kumar, requested to consider the following agenda:

"NITTTR (National Institute of Technical Teachers Training and Research), Chandigarh should not charge any fee from participating Computer Science Teachers working in University/Affiliated Colleges of State of Haryana at par with the faculty working in Technical Institute/Engineering Colleges."

*The Committee deliberated on this genuine request and decided to recommend that "NITTTR (National Institute of Technical Teachers Training and Research), Chandigarh should not charge any fee from participating Computer Science Teachers working in University/Affiliated Colleges of State of Haryana at par with the faculty working in Technical Institute/Engineering Colleges."*

5. The meeting ended with the vote of thanks to the Chair.

-sd-

Chairman

Undergraduate Board of Studies,  
Deptt. of Comp. Sc. & Appls.,  
MDU, Rohtak.

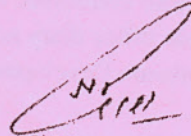
Endst. No. MDU/DCS/2017/ 410-413

Dated: 20.09.2017

Copy of the above is forwarded to the following for information and further necessary action.

1. Prof. Nasib Singh Gill, Head and Chairman of UG Board of Studies of Computer Science & Applications, Department of Computer Science & Applications.
2. Prof. Rajender Singh, Member of UG Board of Studies of Computer Science & Applications.

3. To be appointed by the University, Asstt. Professor, Member of UG Board of Studies of Computer Science & Applications, Department of Computer Science & Applications.
4. Sh. Vijay Singh, Asstt. Professor of Computer Science, Govt. College, Badli (Jhajjar).
5. Ms. Anju Sharma, Asstt. Professor of Computer Science, Govt. College, Tigaon (Mewat).
6. Mr. Anil Kumar, Asstt. Professor of Computer Science, Govt. College, Meham (Rohtak).
7. Ms. Parisha, Asstt. Professor of Computer Science, Govt. College, Bhiwani.
8. Ms. Suman, Asstt. Professor of Computer Science, Govt. College for woman, Rohtak.
9. Dr. Vikas Chahar, Asstt. Professor of Computer Science, Vaish College, Rohtak.
10. Prof. Vikram Singh, Department of Computer Science & Applications, Ch. Devi Lal University, Sirsa.
11. Prof. Anita Singhrova, Department of Computer Science & Engineering, DCR University of Sc. & Technology, Murthal (Sonapat)
12. Asstt. Registrar (Academic), MDU, Rohtak.
13. Deputy Registrar (Secy.), MDU, Rohtak.
14. Asstt. Registrar (Conduct), MDU, Rohtak.



Chairman

Undergraduate Board of Studies,  
Deptt. of Comp. Sc. & Appls.,  
MDU, Rohtak.

Bachelor of Vocation in Software Development  
B. Voc. (Software Development)

Annex-I

1

Revised Scheme of Examination and Curriculum for Bachelor of Vocation (Software Development) w.e.f. 2018-19.

Year -I

Semester-I	Paper Code	Name of Paper	Mode	Category	Credits	External Marks	Internal Marks	Total
SEM1	BVSD-101	Computer Fundamentals and Programming in 'C'	Theory	Gen. Ed.*	6	60	40	100
SEM1	BVSD-102	PC Software	Theory	Voc. Ed.*	6	60	40	100
SEM1	BVSD-103	Communication Skills	Theory	Gen. Ed.	6	60	40	100
SEM1	BVSD-104	Software Lab-I	Practical	Voc. Ed.	6	60	40	100
SEM1	BVSD-105	Software Lab-II	Practical	Voc. Ed.	6	50	40	100

Note: Paper BVSD – 104 & 105, Practical for External Marks 60 will be conducted by External Examiner appointed by University.

Semester-II	Paper Code	Name of Paper	Mode	Category	Credits	External Marks	Internal Marks	Total
SEM2	BVSD-106	Data Structure through 'C'	Theory	Voc. Ed.	6	60	40	100
SEM2	BVSD-107	Object Oriented. Programming using C++	Theory	Voc. Ed.	6	60	40	100
SEM2	BVSD-108	Environmental Science	Theory	Gen. Ed.	6	60	40	100
SEM2	BVSD-109	Software Lab-III	Practical	Gen. Ed.	6	60	40	100
SEM2	BVSD-110	Software Lab-IV	Practical	Voc. Ed.	6	60	40	100

Note: Paper BVSD – 109 & 110, Practical for External Marks 60 will be conducted. by External Examiner appointed by University.

Year-II

Semester-III	Paper Code	Name of Paper	Mode	Category	Credits	External Marks	Internal Marks	Total
SEM3	BVSD-201	Web Designing	Theory	Gen. Ed.	6	60	40	100
SEM3	BVSD-202	Java Programming	Theory	Voc. Ed.	6	60	40	100
SEM3	BVSD-203	Visual Programming – Visual Basic, Visual C++	Theory	Gen. Ed.	6	60	40	100
SEM3	BVSD-204	Software Lab-V	Practical	Voc. Ed.	6	60	40	100
SEM3	BVSD-205	Software Lab-VI	Practical	Voc. Ed.	6	60	40	100

Note: Paper BVSD – 204 & 205, Practical for External Marks 60 will be conducted by External Examiner appointed by University.

Semester-IV	Paper Code	Name of Paper	Mode	Category	Credits	External Marks	Internal Marks	Total
SEM4	BVSD-206	Computer Networks	Theory	Gen. Ed.	6	60	40	100
SEM4	BVSD-207	Advanced Java	Theory	Voc. Ed.	6	60	40	100
SEM4	BVSD-208	PHP Programming	Theory	Voc. Ed.	6	60	40	100
SEM4	BVSD-209	Software Lab-VII	Practical	Gen. Ed.	6	60	40	100
SEM4	BVSD-210	Software Lab-VIII	Practical	Voc. Ed.	6	60	40	100

Note: Paper BVSD – 209 & 210, Practical for External Marks 60 will be conducted by External Examiner appointed by University.

Year – III

Semester-V	Paper Code	Name of Paper	Mode	Category	Credits	External Marks	Internal Marks	Total
SEM5	BVSD-301	RDBMS and Oracle	Theory	Gen. Ed.	6	60	40	100
SEM5	BVSD-302	Mobile Apps Design & Development	Theory	Voc. Ed.	6	60	40	100
SEM5	BVSD-303	Software Engineering	Theory	Gen. Ed.	6	60	40	100
SEM5	BVSD-304	Software Lab-IX	Practical	Voc. Ed.	6	60	40	100
SEM5	BVSD-305	Software Lab-X	Practical	Voc. Ed.	6	60	40	100

Note: Paper BVSD – 304 & 305, Practical for External Marks 60 will be conducted by External Examiner appointed by University.

Semester-VI	Paper Code	Name of Paper	Mode	Category	Credits	External Marks	Internal Marks	Total
SEM6	BVSD-306	Computer Graphics	Theory	Gen. Ed.	6	60	40	100
SEM6	BVSD-307	.NET Programming	Theory	Voc. Ed.	6	60	40	100
SEM6	BVSD-308	Artificial Intelligence	Theory	Gen. Ed.	6	60	40	100
SEM6	BVSD-309	Software Lab-XI	Practical	Voc. Ed.	6	60	40	100
SEM6	BVSD-310	Project Work & Viva-Voce	Industrial Project	Voc. Ed.	6	60	40	100

Note: 1. Paper BVSD – 309 Practical for External Marks 60 will be conducted by External Examiner appointed by University.

2. Paper BVSD – 310 Project work and Viva Voce, the Project will be allocated at the end of the B. Voc. (Software Development) V Semester under the guidance of faculty of the concerned College and the software Industry expert and Comprehensive Viva-Voce will be conducted by External Examiner to be appointed by the University

\* Gen. Ed. – General Education & Voc. Ed. – Vocational Education.

-72-



ACS-I/143  
a-1-2018

-73-

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

No./Stat/2018/32  
Dated: 9/01/2018

To  
The Superintendent (Academic),  
M.D. University,  
Rohtak

Sub: **Prospectus for the session 2018-19 (Except Centralized Online Admission).**

Dear Sir/ Madam,

In reference to your office letter No. AC-I/18/Pros./ 238-77 dated 03.01.2018, the following corrections/ changes are to be incorporated in the Prospectus for the session 2018-19:

**1. Eligibility Criteria for the session 2018-19:**

The Departmental Committee in its meeting held on 09.01.2018 decided that there is a need to amend the eligibility criteria for admission to M.Sc. (Statistics) course for the session 2018-19 and accordingly, the changes have been made. The new eligibility criteria may be read as under:

B.A./ B.Sc. (Hons. or Pass) with Statistics and/or Mathematics

Or

B.A. Economics/ BE/B.Tech with Mathematics as a subject at 10+2 level and at least 50% marks in aggregate or any other examination recognized as equivalent thereto by the University.

**2. Number of seats: 40**

It is decided that the number of seats for admission to M.Sc. (Statistics) 1<sup>st</sup> year be increased from 30 to 40 for the session 2018-19.

**3. Criteria for Admission: No Change.**

**4. Patten/ Syllabus of Entrance Test: The admission will be made on Academic Merit as in the previous years.**

It is for your kind information and further necessary action, please.

Suresh Kumar  
09/01/18  
Superintendent

AC-I

Priti Mishra  
9/1/2018  
**HOD (STATISTICS)**  
Head  
Department of Statistics  
Maharshi Dayanand University  
ROHTAK

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

DEPARTMENT OF PHYSICS

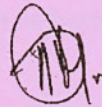
**Proceedings of the meeting of P.G.B.O.S. in Physics**

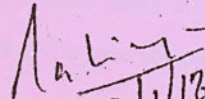
A meeting of the P.G. Board of Studies was held on 17.01.2018 at 10:00 AM in the Department of Physics, M.D. University, Rohtak to consider the agenda circulated vide letter No.PHY./18/44-54.

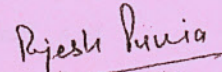
- (i) The case of Ph.D. registration of Mr. Pradeep Ahlawat as recommended by the DRC in Physics, in its meeting held on 30.12.2017 is considered & approved and recommended for further action.

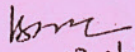
Sr. No.	Name	Proposed Topic	Supervisor	Co-Supervisor
1	Pradeep Ahlawat	"Structure and Electronic Transport Properties of Alkali Oxide Modified Heavy Metal Oxide Glasses Doped with Transition Metal Ions"	Dr. Sanjay Dahiya, Department of Physics, M.D. University, Rohtak	Dr. Ashish Agaryal, Department of Physics, GJU S&T, Hisar

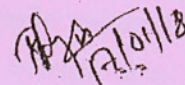
- ✓ (ii) The PGBOS considered the recommendations of the Departmental Committee and approved the revised Syllabi and Scheme of Examination of Ph.D. Course Work in Physics for implementation w.e.f. 2018-19

  
17/1/18

  
17/1/18

  
17/01/18

  
17.1.18

  
17/1/18

-75-

Annex-II

3

**Scheme and Syllabi for Ph.D. Course work in Physics**

(Effective from the Session 2018-19)

**SCHEME OF COURSE WORK**

Paper No.	Title	Hours per week	Max. Marks	Internal Assessment	Total Marks
18 PHYPC - I	Research Methodology	4	80	20	100
18 PHYPC - II	Electronic Properties of Materials	4	80	20	100
18 PHYPC - III	Characterization Techniques	4	80	20	100

Marks of Internal Assessment = 20. The internal assessment in each paper shall be based on assignment(s) and seminar(s) presented by each candidate and their participation.

**Note:** Nine questions are to be set by selecting two questions from each unit. Question No.1 is compulsory and will consist of 4 to 8 questions covering whole of the syllabus

*Annex*